P. R. Pote (Patil) Education & Welfare Trust's Group of Institutions College of Engg. & Management, Amravati

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Session 2020-21

3.1 Resource Mobilization for Research

3.1.1. Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

Sr.No.	Particulars	Page Number
1	AQAR Cover Page	1

Criterion 3- Research, Innovations and Extension

Key Indicator 3.1- Resource Mobilization for Research

Metric No.

3.1.1. Q_nM.

Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1: Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

Year	2020-21
(INR in Lakhs):	Nil

Data requirement for year: (As per Data Template)

Name of the Project/ Endowments, Chairs	Name of the Principal Investigator /Co-investivator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/non-Government)

File Description(Upload)

- Any additional information
- e-copies of the grant award letters for sponsored research projects /endowments
- List of endowments / projects with details of grants(Data Template)

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3.1.2 Number of departments having Research projects funded by government and non-government agencies during the year

Sr.No.	Particulars	Page Number
1	AQAR Cover Page	2

3.1.2

Q_nM

Number of departments having Research projects funded by government and non government agencies during the year

3.1.2.1: Number of departments having Research projects funded by government and non-government agencies during the year

Year	2020-21
(INR in Lakhs):	Nil

Data requirement for year: (As per Data Template)

Name of the Project/ Endowments, Chairs	Name of the Principal Investigator /Co-investivator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/non-Government)

File Description(Upload)

- List of research projects and funding details (Data Template)
- Any additional information
- Supporting document from Funding Agency
- Paste link to funding agency website

P. R. Pote (Patil) Education & Welfare Trust's Group of Institutions College of Engg. & Management, Amravati

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Session 2020-21

3.1.3 Number of Seminars/conferences/workshops conducted by the institution during the year

Sr.No.	Particulars	Page Number
1	AQAR Cover Page	3-7
2	First Year Department	8-140
3	Electrical Department	141-239
4	Mechanical Department	240-296
5	EXTC Department	297-349
6	Civil Department	350-393
7	CSE Department	394-449
8	MBA	450-459

3.1.3 **Number of Seminars/conferences/workshops conducted by the institution during the year**

QnM

3.1.3.1: Total number of Seminars/conferences/workshops conducted by the institution during the year

Year	2020-21
Number of teachers	1948

Data Requirements: (As per Data Template)

Year	Name of the workshop/ seminar	Number of Participants	Date From – To	Link to the Activity report on the website
First Year Department.				
2020-2021	International Virtual conference on Materials & nanotechnology	350	29/04/2021 to 30/04/2021	https://www.prpcem.org/firstyear/international-virtual-conference-on-materials-and-nanotechnology/
2020-21	"COGNITIVE AND TECHNICAL SKILL FOR MODERN CLASSROOM DELIVERY"	210	21/06/2021 to 26/06/2021	https://www.prpcem.org/firstyear/short-term-training-program-on-cognitive-technical-skills-for-modern-classroom-delivery/

		Electrical Department				
		2020-21	Two Week (Online) ISTE New Delhi Sponsored STTP on "Pedagogy for Effective Use of ICT in Engineering Education"	**200**	26 April - 7 May, 2021	**https://www.prpcem.org/iqac-activity/**
		2020-21	Two Week IEEE Bombay Section in association with Department of Electrical Engineering, P. R. Pote (Patil) College of Engineering & Management, Amravati Virtual Short Term Training Program (STTP) on "Cultivation of Engineering Tools Based on Competenc	99	31st May to 12th June 2021.	**/two-week-online-sttp-on-cultivation-of-engineering-tools-based-on-competencies-in-engineering-community/**

		ies in Engineering Community"			
Mechanical Engineering Department					
2020-21	"EXPLORING ADVANCES AND RESEARCH OPPORTUNITIES IN MECHANICAL ENGINEERING"	**100**	**14/06/21 to 18/06/21**	**https://www.prpcem.org/mechanical/department-activities/**
EXTC Department.				
2020-21	National Level One Week Faculty Development Program on "Multi Technologies"	71	28/06/21 - 03/07/21	https://www.prpcem.org/electronics/department-activities/
2020-21	STTP on "Modern Tools for Electronic Circuit Design and Signal Processing Applications"	44	01/06/21 - 06/06/21	https://www.prpcem.org/electronics/department-activities/
2020-21	"Two Days Workshop on How to Learn Java Step By Step"	37	24/04/21 - 25/04/21	https://www.prpcem.org/electronics/department-activities/
2020-21	One week Workshop on Insights of Electronic Circuits Behaviour Through	34	17/03/21 - 22/03/21	https://www.prpcem.org/electronics/department-activities/

	QUCS			
Civil Engineering				
2020-2021	ISTE Approved STTP on "Structural Health Monitoring &Retrofitting Rehabilitation of Structures"	288	10/05/2021 to 15/05/2021	https://www.prpcem.org/civil/structural-health-monitoring-retrofitting-rehabilitation-of-structures/
Computer Science Engineering.				
2020-21	"Unleashing the Potential of Data Science for Engineers"	199	**7th June to 11th June 21**	https://www.prpcem.org/computerscience/sttp-on-unleashing-the-potential-of-data-science-for-engineers/
MBA				
2020-21	**Webinar on 'Pharma Marketing: Driving Force of Pharmaceutical Industry'**	**50**	**16/07/2021**	**https://www.prpcem.org/mba/webinar-on-pharma-marketing-driving-force-of-pharmaceutical-industry/**
2020-21	**Webinar on 'Intellectual Property Rights'**	**111**	**24/03/2021**	**https://www.prpcem.org/mba/webinar-on-intellectual-property-rights/**
2020-21	**Webinar: 'Mindful Management for Rewarding Results'**	**62**	**4/06/2021**	**https://www.prpcem.org/mba/webinar-on-mindful-management-for-rewarding-**

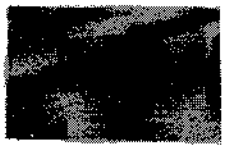
P. R. Pote (Patil) College of Engineering and Management, Amravati.

Department of Applied Sciences and Humanities

REPORT

On

INTERNATIONAL VIRTUAL CONFERENCE ON MATERIALS AND NANOTECHNOLOGY



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Department of Applied Sciences and Humanities
P. R. Pote College of Engineering and Management, Amravati
&
Guru Nanak College of Science, Ballarpur
In Association
With
International Journal of Scientific Research in Science and Technology

Dated: 29th & 30th April 2021

(2020-21)

P. R. Pote College of Engineering & Management, Amravati

TITLE OF THE EVENT	International Virtual Conference on Materials and Nanotechnology- 2021
OBJECTIVE OF THE PROGRAM	• The main aim of this conference is to make everyone familiar with new researches that are being carried out in the field of material science and nanotechnology and their basic applications. • The objectives of IVCOMN- 2021 are to bring about the sharing of views and researches carried out by eminent researchers, scientists, scholars and technologists by bringing them together on the dice and to develop curiosity among new researchers to bring about research in this field. • The conference covers healthy and useful discussion on theoretical and experimental aspects in the field of material science and nanotechnology
DATE OF EVENT	29th & 30th April 2021
PLATFORM	Zoom Cloud meeting Platform
NO. OF PARTICIPANTS	350 Registrations

BRIEFING OF THE PROGRAM

Inaugural Function :

The Delegates present for the Inaugural Function were Dr. S. A. Ladhake, Director, P.R.P.C.E.M., Dr. A.V. Kale, Principal, P.R.P.C.E.M., Dr. B.M. Bahirwar, Principal, Guru Nanak College of Science, Ballarpur, Dr. N. R. Thakare, Dr. A. D. Bhoyar, Dr. A. V. Nande. The Chief Guest of the Function was Dr. Ashok V. Joshi from USA.

The function began with Guruprathana Stotra sung by Prof. Gauri Deshpande and Dr. Smita Patil. The Delegates were welcomed on this auspicious moment. The Convener of the Conference , Dr. Amol Nande gave the Introductory speech. After this, Dr. Siddharth Ladhake addressed the participants. He gave his positive inputs regarding the conference in his speech. After this, Dr. A. V. Kale and Dr. B. M. Bahirwar expressed their best wishes for the successful execution of the conference. A brief introduction of the keynote speaker of the conference, Dr. Ashok Joshi was given by Dr. Shobha Gaikwad.

Dr. Ashok Joshi talked on the topic , entitled , " Success connection to Inner Engineering" . He said he had a strong philosophical family background which helped him to overcome his failures in the initial stages of his carrier. He said, he found that life was an entertainment, a celebration for everyone around him, and he was unhappy with this thought. He wanted do something worthwhile for India, so that the country comes up. Then he started as a Junior Engineer and very quickly he made his way and climbed the ladder of success. He said, he always competed with himself and still likes learning new things. He achieved this success, as he believed in the decision making power in the silence, as he could find God within himself. He said he had profound faith in his hard-work, due to which he could make use of those abundant opportunities and become an Inspirational Leader in all sense. He is a great Entrepreneur and Philanthropist, and inspires huge

masses all across the globe.

The vote of thanks was proposed by Dr. Nilesh Thakare.

The following Resource persons graced the conference with their lectures.

• Prof. S. J Dhoble	Color tunning for enhancement of for lighting industryuminescence intensity of LED phosphors for lighting industry.
• Dr. Konstatin Ivanovskikh	Host –to-impurity energy transfer in lanthanide-doped luminescence materials
• Prof. Ramchandra Pode	OLED operating mechanism and applications
• Dr. Manish Shinde	Nanomaterials for sensors applications: C-MET experience
• Dr. Haranath D.	Extraction of Invisible fingerprints using afterglow nanophosphors for Forensic applications
• Dr. Chhatrasaal Gayner	Thermoelectric materials, strategies, and the future: from materials to materials characterization.
• Dr. R. G. Tanguturi	Transition metal oxide heterostructure: the role of interface on their electronic andmagnetic properties
• Dr. Preeti Gupta	Domain wall conduit properties of 3D nano-printed Cobalt nanowires on flexible substrates.

	The oral presentation sessions were chaired by Dr. Nilesh Thakare and Dr. Amol Bhoyar. The Valedictory function took place in the presence of Dr. A. V. Kale and Dr. B.M. Bahirwar. The Dr. Manish Uttawar was the Chief Guest for the function .
COMMITTEE MEMBERS	Convener : Dr. N. R. Thakare Organizing Secretary : Dr. A. D. Bhoyar
PHOTO GALARY	**Enclosed**

Dr. N. R. Thakare

(Head of F. Y. Department, Group A)

Dr. A. D. Bhoyar

(Head of F. Y. Department, Group B)

Dr. A. V. Kale

(Principal PRPCEM)

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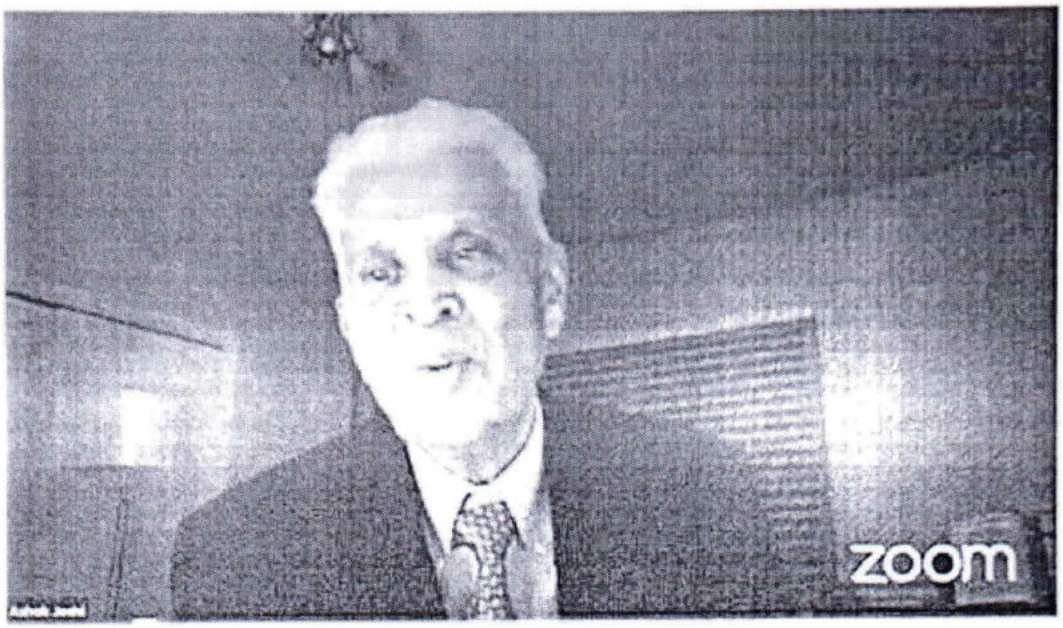
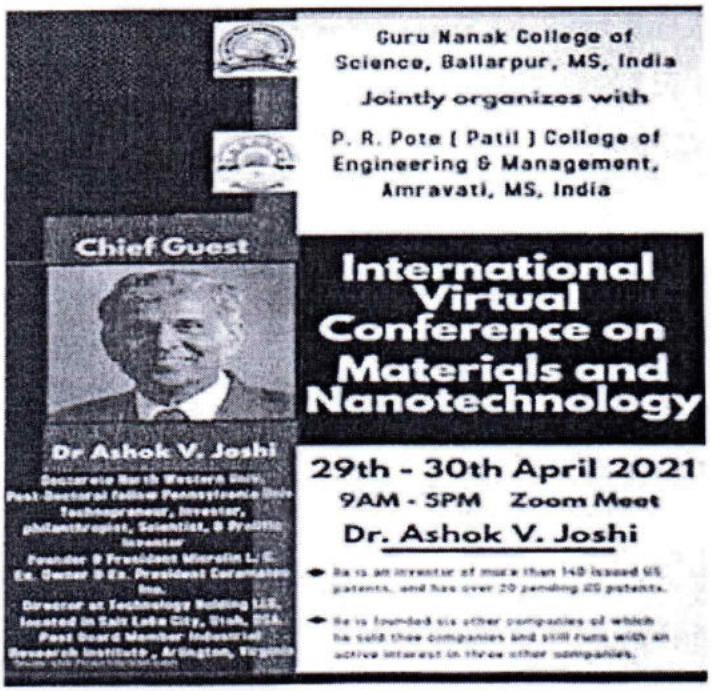


International Virtual Conference on Materials and Nanotechnology-2021





International Virtual Conference on Materials and Nanotechnology-2021



14 (15

पोटे अभियांत्रिकी की इंटरनेशनल कॉन्फरेंस को शानदार प्रतिसाद

अनेक अंतर्राष्ट्रीय स्तर के वैज्ञानिकों की उपस्थिति

[illegible]



[illegible]

100 से अधिक संशोधकों ने दिया प्रेजेंटेशन

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पोटे अभियांत्रिकी की इंटरनेशनल कॉन्फरेंस को शानदार प्रतिसाद

अनेक अंतरराष्ट्रीय स्तर के वैज्ञानिकों की उपस्थिति



प्रतिनिधी । १३ मई

अमरावती- श्रीमती पो.ज.पोटे अभियांत्रिकी महाविद्यालय व मुख्यालय विज्ञान महाविद्यालय, अकोलापुर के संयुक्त तत्वावधान में दि. 29 व 30 मार्च को इंटरनेशनल लेवल कॉन्फरेंस का आयोजन किया गया था. इस कॉन्फरेंस का उद्घाटन अंतरराष्ट्रीय ख्याति के वैज्ञानिक व वैज्ञानिक डॉ. भास्कर कोशी के हस्ते किया गया. इस अवसर पर पीआर पोटे एजुकेशन ग्रुप ऑफ एज्युकेशनल इंस्टीट्यूट के अध्यक्ष प्रवीण पोटे पाटील उसी प्रकार मुख्यालय संस्था के अध्यक्ष आशीष विलास कुमार पोटे पाटीलयवतमाल के प्राचार्य डॉ. ए.बी.कडू, डॉ. डी.एस. जवीरकार, पोटे ग्रुप के मनालक डॉ. सिद्धार्थ खांडेकर भी उपस्थित थे.

भारत के संशोधकों ने उनके संशोधन अंतरराष्ट्रीय स्तर पर आकार इस दौरान महत्वपूर्ण होने का मत डॉ. अशोक जंजो ने व्यक्त किया. इसमें देशभर 100 से अधिक संशोधकों ने अपने शोध निबंधक द्वारा अपनी शोधपूर्ण संकल्पना प्रतिनिधियों के समक्ष प्रेजेंटेशन देते हुए प्रस्तुत की. कॉन्फरेंस में अंतरराष्ट्रीय स्तर के डॉ. सी. तावरा (इंग्लैंड),

100 से अधिक संशोधकों ने दिया प्रेजेंटेशन

डॉ. कॉन्स्टेंटीन (रशिया), डॉ. टनासुरी (नायक), डॉ. रामचंद्र पांडे (दीक्षा कंट्रोल), डॉ. हरनाथ डी. (झारखंड), डॉ. प्रमोद सिंदे (सोलापुर पुणे), डॉ. दोबाले (नागपुर), प्रीति मुनत (अमरावती) ने नैनो टेक्नोलॉजी नायक विषय पर गुणा संशोधकों को मार्गदर्शन किया. परिषद के सफल आयोजन हेतु संयोजक के रूप डॉ. निलेश डाखरे व डॉ. अमोल भोयर व डॉ. सतीश नायककडू ने अथक प्रयास किए.

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Session-I

List of Oral Presentation

Code	Name of the Participant	Title of the Paper/ Poster	Play
O-1	Swati Raut	Spectroscopic characterization of cadmium sulfide nanoparticles synthesized using different surface stabilizers	Play
O-2	Vikas Lahariya	Comparative study of electrical properties of substituted calcium hexaferrites	Play
O-3	Pandurang Ramchandra Moharkar	Recent development and scope of transition metal oxide based cathode material. – a review.	Play
O-4	Nitesh Prakash Sawadekar	Thermodynamics and transport properties of binary liquid mixtures of sulfolane with 1-propanol, 1-butanol and 1-pentanol at 298.15k	Play
O-5	Dr. P. Muralikrishna	Low temperature sol-gel synthesis of bulk and nanosized nbti(po4)3	Play
O-6	Dr. M. Rama Devi	"Oxidation of xanthine derivatives in the presence of micelle forming surfactants by ceric ammonium nitrate in acetonitrile – a kinetic study"	Play
O-7	S. Shylaja		Play
[illegible]	Renuka Bokolia	Comparative study of electrical properties of substituted calcium hexaferrites	Play
O-9	Sanjay Ratan Gawali	Syzygium cumini mediated green synthesis of silver nanoparticles for reduction of 4-nitrophenol and assessment of its antibacterial activity	Play
O-10	Samadhan R. Waghmode		Play

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Session-III

List of Oral Presentation

Code	Name of the Participant	Title of the Paper/ Poster	
O-21	Manisha Daryao Dhiware	Synthesis, characterisation and gas sensing performance of pure and modified batio 3 thick film resistors	Play
O-22	Sonali Revankar	Bandgap of bi2al4o9	Play
O-23	Shrikant Govindrao Kalane	Synthesis and study of thio derivatives of chloro substituted flavanones and flavones and their impact on seed germination of some kharif krops	Play
O-24	Bhuvneshwer Suthar	Realization of optical xor gate based on photonic crystal	Play
O-25	Ankita Goyal	Sensor based applications of photonic crystal: a review	Play
O-26	Dheeraj Malik	Tribological behavior of spray-formed al-alloy	Play
O-27	Aditi Nimbajirao Ahirrao	Study of surface modified tio2- la3+ nanostructure on structural and electrical properties	Play
28	Nilesh R Thakare	The different phases of lithium sulphate and its transition at different temperature ..a review	Play
O-29	Shraddha Tekade	Load frequency control in two area power system	Play
O-30	Megha Damdhar Pradhan	Automated testing framework of bank financial services based on qtp	Play

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O-31	Vaishnavi Raosaheb Thoke	The cloud-based health tracking and monitoring system with aws	Play
O-32	Smita Patil	Raman spectroscopic technique for cancer diagnosis	Play
O-33	Vaibhav Sureshrao Hiwase	Automatic accident detection, ambulance rescue and traffic signal controller.	Play
O-34	P. N. Pusdekar	Overview of recent developments in flood mitigation techniques with respect to indian subcontinent.	Play
O-35	Prachi V.Kale	An approach towards securing information using cloud services	Play

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Session-IV

List of Oral Presentation

Code	Name of the Participant	Title of the Paper/ Poster	
O-36	Shraddha Hemant Ingle	Literature survey on aspect based sentiment analysis for product on e- commerce business platform	Play
O-37	Dr.Shilpa A.Khapre	Generalizations of fractional sine transform and it's application	Play
O-38	Vivek Bhide	Analysis of various factors to reduce heat inside warehouses	Play
O-39	Kumar Pratyush	Green synthesis of benzimidazole by self fabricated microwave synthesizer	Play
O-40	Ashwini Bhope	Green synthesis of silver nanoparticles by using plant extract	Play
O-41	Shivani Moreshwar Deshmukh	A review on nanoparticles : preparation methods and applications in the treatment of various diseases	Play
O-42	Vaibhav Santosh Nimbekar	Nano based drug delivery system recent development and future approach.	Play
O-43	Nilima Sakharkar	Nanoparticles delivery system in the treatment of diabetes complications	Play
O-44	Shubhangi M.Raut	A review on nanoparticles: preparation methods and applications in the treatment of various diseases	Play
O-45	Syed Ghause Ibrahim	Structural and morphological properties of spray deposited lead telluride thin films	Play
O-46	Rajani Bhoyar	Luminescence of eu3+ in some scandium phosphates	Play

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O-47	Md. Salim Md. Harun Shekh		Play
O-48	Rahul Kumar	A promising nanotherapeutic agent for treatment of open angle glaucoma	Play
O-49	Dr. Dhondiram Tukaram Sakhare	Nanotechnology for herbal medicines and its uses	Play
O-50	Nitesh Devrao Punyapreddiwar	Michael addition on 2,4 thiazolinedione with chalcone mediated by lipase in non aqueos solvent	Play

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Session-V

List of Oral Presentation

Code	Name of the Participant	Title of the Paper/ Poster	
O-11	Rimene Dhahri	Comparative adsorption of congo red dye unto activated carbon prepared from prickly pear seed cake and olive wood	Play
O-51	Lakhan Prakash Chaudhari	Thermodynamic and electrochemical analysis of expired drug as an corrosion inhibitor for mild steel in 2m hydrochloric acid	Play
O-52	Baiju V.	Effect of annealing on the photocatalytic degradation of rhodamine b by nickel oxide/nickel aluminate nano heterostructure	Play
O-53	G Selva Manohari	Synthesis and characterization of ag doped zinc oxide nanoparticles	Play
O-54	R. Anto Maria Jesili	A study of green inhibitor for acidic corrosion of mild steel	Play
O-55	G.Venkateswari	Structural studies of znse thin films synthesized by silar method	Play
O-56	Smila L	Fabrication of biodegradable polymer film using starch	Play
O-57	Jijoy P Mathew	Effect of cobalt doping percentage on structural and optical properties of zno:co films synthesized via sol-gel method	Play
O-58	Yashwanth Venkatraman Naik	Synthesis, characterization and optical studies of cation deficient fcc type nio nanoparticles for electrochemical capacitor applications	Play
O-59	Preethi J	Investigations on the properties of doped tin sulphide films- a review	Play

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0-60	Alloffy Mary A	Comprehensive studies on the properties of pure tin monosulphide films- a review	Play

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Session-VI

List of Oral Presentation

Code	Name of the Participant	Title of the Paper/ Poster	
O-61	Kishor Sudhakar Wankhade	Cosmological analysis of general relativistic hydrodynamic in extended theory of gravity	Play
O-62	Amol D. Bhoyar	Synthesis and Antifungal activity of chlorosubstituted 1-phenyl-Δ2-pyraoles and 1-phenyl-Δ2-pyraolines on plant pathogen Alternaria solani .	Play
O-63	Sanjivani Subhshrao Gawande	Predictions of Loan Defaulter - A Data Science Perspective	Play
O-64	Paritosh L. Mishra	Impact of Concentration and Temperature on the Intermolecular Interactions between Saline Salts and Fertilizer: An acoustical approach.	Play
O-65	Maneesh B. Matte	Study of Phase transition in Networks	Play
O-66	Dr. J. V. Khobragade		Play
O-67	AMAR SANJAYRAO TOLMARE	Experimental investigation of solar dryer	Play
O-68	Yogita D. Shahakar	A Comparative Analysis of Optimization Technique In Large Scale Transportation Problem To Optimize Mathematical Manipulation	
O-69			
O-70	Deepak Shahakar	Application of Switched Reluctance Motor drive in Electric Vehicles	Play

O-71	Prasad Anil Raut	Simulation of Battery Electric Vehicle by Using MATLAB.	Play
O-72	Bhavana Budhe, Shubham Ranotkar, Vaishnavi Lothe	Gas Leakage Detector And Cotrol System Using GSM	Play
O-73	Sanjana Vijay Bhavsar	Models and Technology used in smart grid	Play
O-74	Prathmesh Thakare , Suvarna Bhople , Vaishnavi Pandit , Rupali Warade ,Prajwal kale	Heartbeat and Temperature Monitoring system for remote patients using Arduino	Play
O-75	Swapnil Tumbwad, Sanchay Solanki, Vaibhav Hiwase, Nikhil Pidurkar, Pooja Kopare, Ayush Shende.	Automatic accident detection, Ambulance Rescue And Traffic Signal Controller	Play
O-76	Sachal rajesh wadhai	Power control with active system	Play
O-77	Abhishek E Gadekar	Automatic Hand Sanitizer Dispenser	Play
O-78	Ankita Nawalsing Kasdekar	Smart Grid Concepts and Comparison with Traditional Grid	Play
O-79	vaishali mate	Predictions of Loan Defaulter - Improvement through Comprehensive Pre-processing	Play
O-80	Sanjiwani Subhashrao Gawande	Predictions of Loan Defaulter - Improvement through Comprehensive Pre-processing	Play
O-81	Dr. Nilesh U. Jadhao	DFT study of some biphenyl amine.	Play

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P-1	Kailash Singh	Nanotechnology in agriculture
P-2	Tanaji Shankar Patil	A review on mn3o4 and its composite nanomaterials of diverse morphologies as an electrode material in supercapacitors
P-3	Babita Gautam Yadao	Review: Metallic nanoparticles, Synthesis and Applications
P-4	Himani C. Pandhurnekar	A Mini Review: Green Synthesis of Nanomaterials by Using Different Plant Extracts and Their Applications
P-5	Areeba Khayal	Wastewater treatment using magnetic nanomaterials
P-6	Yadorao S. Bopche	Structural, Morphological, Dielectric and Magnetic Behaviour of Rare Earth Substituted Cobalt Ferrite Nanoparticles – A Brief Review
P-7	Priti Jayant Chaware	Structural, Optical, Electrical and Photoluminescence Study of Eu doped Magnesium Aluminate Nanocrystals Synthesized Via Sol-Gel Method
P-8	Priya Dule	3D Printed Tablets of Ketorolac an Innovative Medicine
P-9	Almas Zahir Shaikh	Study of structural and optical properties of thin film cds using CBD method with variable molar concentrations of complexing agent
P-10	Ajit Dnyandeo Suryawanshi	Applications Of nanotechnology in Diabetes- A Review
P-11	Nilesh Suresh Pote	Low temperature photoluminescence analysis of cds nanocrystals
P-12	Rajiv Manohar Meshram	Review on Nanoscale Ferrites
P-13	Patil Anil Bhimrao	A review on recent advances in electronic tongues and their principle of detection
P-14	Dr.Lm.Shanware	Study on optical properties of cds annealed thin films by spray pyrolysis
P-15	Sujay A. Bobade	Smart agriculture system
P-16	Ashutosh Ghulxe	Three phase power quality analysing and fault detection unit
P-17	Anup K. Chitkeshwar	A review on Intelligent Transportation System to reduce accidents
P-18	Ghodake Jeevan Shivaji	Temperature Variation of Permeability for Sm – Dy substituted Magnesium ferrite
P-19	Pardeshi Onkar Madansing	Eco-friendly synthesis of silver oxide nanoparticles using Butea monosperma leaves extract

P-20	Shaik Babujani	Growth of (Cu,Ag)0.5inse2 thin films by two – stage process
P-21	Bommineedi Lakshmana Kumar	Bismuth vanadate supercapacitor
P-22	Avinash Chandrashekhar Mendhe	Thickness varying cds@Ag2S Core-Shell Nanowires Surface Architecture: Design towards Photoelectrochemical Solar Cells
P-23	Amol D. Bhoyar	Synthesis and Physio-Chemical aspects of chlorosubstituted 1-Phenyl-Δ2-Pyraoles and 1-Phenyl-Δ2-Pyraolines on plant pathogen Cerscopora personata.
P-24	Shubhangi B. Narde	Effect of operational parameters on photocatalytic degradation of methylene blue using mixed metal nano ferrite

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O-2	Vikas Lahariya	Spectroscopic characterization of cadmium sulfide nanoparticles synthesized using different surface stabilizers
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O-4	Nitesh Prakash Sawadekar	Recent development and scope of transition metal oxide based cathode material. – a review.
O-5	Dr.P.Muralikrishna	Thermodynamics and transport properties of binary liquid mixtures of sulfolane with 1-propanol, 1-butanol and 1-pentanol at 298.15k
O-6	Dr. M. Rama Devi	Low temperature sol-gel synthesis of bulk and nanosized nbti(po4)3
O-7	S.Shylaja	"Oxidation of xanthine derivatives in the presence of micelle forming surfactants by ceric ammonium nitrate in acetonitrile – a kinetic study"
O-8	Renuka Bokolia	
O-9	Sanjay Ratan Gawali	Comparative study of electrical properties of substituted calcium hexaferrites
O-10	Samadhan R. Waghmode	Syzygium cumini mediated green synthesis of silver nanoparticles for reduction of 4-nitrophenol and assessment of its antibacterial activity
O-11	Rimene Dhahri	Comparative adsorption of congo red dye unto activated carbon prepared from prickly pear seed cake and olive wood
O-12	Triratna Madhavrao Bhagat	Synthesis and biological activity 1, 3 disubstituted 2-azetidinone containing bromo benzothiazole moiety.
O-13	Punam Mehta	State of the art :phase change material as means of thermal energy storage

O-14	Varada Vyankatesh Khati	Application of nanotechnology methods in water treatment: a review
O-15	Ravindra Namdev Chikhale	Structural and magnetic studies of cofe1.95dy0.05o4: estimation of lattice strain and anisotropy in nano ferrite.
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O-28	Aditi Nimbajirao Ahirrao	Study of surface modified tio2- la3+ nanostructure on structural and electrical properties
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O-41	Ashwini Bhope	Green synthesis of silver nanoparticles by using plant extract
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O-50	Dr. Dhondiram Tukaram Sakhare	Nanotechnology for herbal medicines and its uses
O-51	Nitesh Devrao Punyapreddiwar	Michael addition on 2,4 thiazolinedione with chalcone mediated by lipase in non aqeuos solvent
O-52	Lakhan Prakash Chaudhari	Thermodynamic and electrochemical analysis of expired drug as an corrosion inhibitor for mild steel in 2m hydrochloric acid
O-53	Baiju.V	Effect of annealing on the photocatalytic degradation of rhodamine b by nickel oxide/nickel aluminate nano heterostructure
O-54	G Selva Manohari	Synthesis and characterization of ag doped zinc oxide nanoparticles
O-55	R. Anto Maria Jesili	A study of green inhibitor for acidic corrosion of mild steel
O-56	G.Venkateswari	Structural studies of znse thin films synthesized by silar method
O-57	Smila.L	Fabrication of biodegradable polymer film using starch
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O-59	Yashwanth Venkatraman Naik	Synthesis, characterization and optical studies of cation deficient fcc type nio nanoparticles for electrochemical capacitor applications
O-60	Preethi J	Investigations on the properties of doped tin sulphide films- a review
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O-65	Paritosh L. Mishra	Impact of Concentration and Temperature on the Intermolecular Interactions between Saline Salts and Fertilizer: An acoustical approach.
O-66	Maneesh B. Matte	Study of Phase transition in Networks

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4-26-2021 18:02:04	sunnytawarrajput@gmail.c	Mr.	Sunny Tawar	Student	Covid booth	P R Pote College of engin	Sant Gadgebaba Amravati	8605839845	Maharashtra	India	Attendee
4-26-2021 18:55:47	nehapempalkar777@gmail.	Ms	Neha Suresh Pimpalkar	Student	Physics	Arts Commerce and Scien	Gondwana university	9158566652	Maharashtra	India	Attendee
4-26-2021 19:10:06	preranagpatil@gmail.com	Ms	Prerana Ganesh Patil	Student	Physics	Ace college Tukum chandr	Gondwana university gadc	8698736024	Maharashtra	India	Attendee
4-26-2021 19:44:30	ajayjadhao125@gmail.com	Mr.	Ajay Jadhao	Student	An Implementation of Emb	P.R.Pote College of Engin	Sant Gadgebaba Universit	9881107167	Maharashtra	India	Attendee
4-26-2021 19:48:39	sonalihepat1982@gmail.c	Ms	Sonali Vijay hepat	PhD Scholar	Physics	Sardar Patel Mahavidyalay	Gondwana University	7038374297	Maharashtra	India	Attendee
4-26-2021 19:59:26	rutujakalbande7563@gma	Ms	Ruhija Suresh Kalbande	Student	Electronics	P.R.Pote College Of Engin	Sant Gadge Baba Universi	8459357563	Maharashtra	India	Attendee
4-26-2021 20:00:15	ashwinpawar4598@gmail.	Ms.	Ashwini Liladhar Pawar	Student	IOT Based Smart Safety M	P R Pote (Patil) College O	Sant Gadge Baba Amrava	7448297124	Maharashtra	India	Attendee
4-26-2021 20:03:10	chandekarrakshanda96@g	Ms.	Rakshanda Dipak Chande	Student	"An Implementation of En	P. R. Pote (patil) college o	SGBAU Amravati universit	7709652160	Maharashtra	India	Attendee
4-26-2021 20:03:54	shraddhawarhade941@gn	Ms.	Shraddha Dilip Warhade	Student	"Noise detector using auto	P R Pote Patil cge of engi	Sgbu	9665085360	Maharashtra	India	Attendee
4-26-2021 20:05:00	adarshravankar987@gmai	Mr.	Adarsh Ravankar	Student	Covid symtomm detection	P R Pote College of engin	Sant Gadge Baba Amrava	9309781945	Maharashtra	India	Attendee
4-26-2021 21:05:09	sawankhade358@gmail.co	Mr.	Shailesh Arun Wankhade	Student	Electronics and telecomm	P. R. Pote college of engin	Sant gadge baba amravati	9822284425	Maharashtra	India	Attendee
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4-26-2021 21:42:02	mandarbhalerao14@gmail	Mr.	Mandar Sunilrao Bhalerao	Student	Artificial Neural Network	P.R.Pote College of Engin	Sant Gadge Baba Amrava	9834205128	Maharashtra	India	Attendee
4-26-2021 21:47:30	pallabsaha6634@gmail.co	Mr.	Pallab Saha	Student	Physics	A.C.S College , Tukum	Gondwana University	8007453836	Maharashtra	India	Attendee
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4-26-2021 22:04:20	rakhijavanjal98@gmail.cor	Ms.	Rakhi Vasudeo javanjal	Student	Noise detector with autom	P. R. pote college engineer	Sant gadge baba amravati	9156608594	Maharashtra	India	Attendee
4-26-2021 23:00:26	ambadkardiksha123@gmi	Ms.	Diksha Dilip Ambadkar	Student	Noise detector with autom	P.R.pote Patil group of inst	Sant Gadge baba amravat	9607228558	Maharashtra	India	Attendee
4-26-2021 23:22:30	rutujaghatole4@gmail.com	Ms	Rutuja pramod Ghatole	Student	Electronics	P.R.Pote college of engine	Sgbau	8623048392	Maharashtra	India	Attendee
4-27-2021 7:58:54	nehamankar1999@gmail.c	Ms	Neha Vasantrao Mankar	Student	Project	P.R.pote college of engine	Sant gadge baba Amravati	8412036630	Maharashtra	India	Attendee
4-27-2021 10:13:26	paras1997kaushik@gmail	Mr	Paras Kaushik	Student	Physics	Department of Physics, R1	RTM Nagpur University	7448024684	Maharashtra	India	Attendee
4-27-2021 10:18:20	sumantrampelliwar12@gn	Mr.	Sumant Moreshwar Ramp	Student	Chemistry	Gurunank college of scien	Gondwana University, Gac	9021956138	Maharashtra	India	Attendee
4-27-2021 10:20:52	bhushandarkar90@gmail.c	Mr	Bhushan Sahadev Darkar	Student	Mathematics	Art, commerce, science Cc	Gondwana University, Gac	8080980836	Maharashtra	India	Attendee
4-27-2021 10:32:09	adiyed01@gmail.com	Ms	Tanushree Satish Yedmuri	Student	Chemistry	Gurunanak College of Scie	Gondwana University, Gac	9890987879	Maharashtra	India	Attendee
4-27-2021 10:33:19	shwetaranpari@gmail.com	Ms.	Shweta	Student	Msc chemistry	Guru nanak college of scie	Gondwana university	9527897251	Maharashtra	Ballarpur	Attendee
4-27-2021 10:33:39	saritawankhade13@gmail.	Ms	Sarita Madhukar Wankhac	Student	Military spying and bomb d	P.R.PATIL(POTE) COLLE	Sant gadage baba Amaravi	7558422879	Maharashtra	Indian	Attendee
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4-27-2021 17:52:24	alishkokate123@gmail.com	Ms.	Aishwarya Rajendra kokat	Student	Noise Detector With Auton	P.R.pote(patil) college of e	Shri sant gadge baba Uni	7741894918	Maharashtra	India	Attendee
4-27-2021 18:02:00	gondanedeksha100@gmail	Ms.	Diksha Niranjan Gondane	Student	Bomb disposal robot	P.R.Patil College of Engin	Sant Gadge Baba Amrava	7721912700	Maharashtra	India	Attendee
4-27-2021 18:05:44	apekshadakhore554@gmi	Ms.	Apeksha Dnyaneshwar Da	Student	bomb disposal robot	P.R.patil college engineeri	sant gadage baba amravat	7887402857	maharashtra	india	Attendee
4-27-2021 21:00:51	dnyaneshkolhe1@gmail.cc	Mr.	Dnyanesh Sudhakar Kolhe	Student	"Smart Door Lock System	P. R. Patil College of Engir	Sant Gadge Baba Amrava	+919881418198	Maharashtra	India	Attendee
4-28-2021 10:52:39	mansisanghani13@gmail.c	Ms.	Mansi Devendra Sanghani	Student	Automatic Car	PR. POTE COLLEGE OF	Santa Gadge Baba Amrav	7972784228	Maharashtra	India	Attendee
4-28-2021 17:27:56	sonvanisavita44@gmail.cc	Ms.	Savita Sonvani	Student	Chemistry	Gurunanak college of scie	Gondwana University	7666898045	Maharashtra	India	Attendee
4-28-2021 19:10:55	swatigajbhiye@gmail.com	Ms.	Swati Bhimrao Gajbhiye	Student	Chemistry	Guru Nanak College of Sc	Gondwana University, Gac	9307586332	Maharashtra	India	Attendee
4-29-2021 8:50:34	iqmphysics01@gmail.com	Prof.	Urvashi Pradeep Manik	Associate P	Physics	Sardar Patel Mahavidyalay	Gondwana University, Gac	9890848084	Maharashtra	India	Attendee
4-29-2021 8:56:22	shivamshikarkar17@gmai	Mr.	Shivam Sudhakar Shikark	Student	Physics, Chemistry, Comp	Sardar Patel College, Cha	Gondwana University, Gac	9309918677	Maharashtra	India	Attendee
4-29-2021 8:57:09	pranalibobde85@gmail.co	Ms	Pranali Pradip Bobde	Student	Physics	Sardar Patel Mahavidyalay	Gondwana University Gad	07758034644	Maharashtra	India	Attendee
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4-29-2021 8:59:59	anushkachaudhari662@gr	Ms.	Anushka Dattatray Chaudl	Student	PCM	SP college	Gondwana University	8010842396	Maharashtra	India	Attendee
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4-29-2021 9:06:23	dipaliyerne1@gmail.com	Ms.	DIPALI Jayantrao Yerne	Student	Physics	Art commerce science Col	Gondwana University	8766865072	Maharashtra	India	Attendee
4-29-2021 9:09:57	rutikazunzunkar@gmail.co	Mrs.	Rutika Sanjay Zunzunkar	Student	Physics	Khatri college	Gondwana university	9145258960	Maharashtra	India	Attendee
4-29-2021 9:10:09	v.rekwade50@gmail.com	Mr.	Vivek prabhakar ware	Student	Physics ,math , chemistry	Sardar patel mahavidyalay	Gondwana university	9175616034	Maharashtra	India	Attendee
4-29-2021 9:11:49	anudahikar24@gmail.com	Ms.	Anjali Dahiker	Student	Physics	Sardar patel college	Gondwana University	7219593138	Maharashtra	INDIA	Attendee
4-29-2021 9:15:38	prajaktadange606@gmail.c	Ms.	Prajakta dattakumar dange	Student	Physics	Chintamani college ballarp	Gondwana university gadc	8767140869	Maharashtra	India	Attendee
4-29-2021 9:17:20	rajemoqarkar16@gmail.co	Ms.	Rajeshwari Vishal Mogark	Student	Physics	Sardar Patel Mahavidyalay	Gondwna University	9923952574	Maharashtra	India	Attendee
4-29-2021 9:23:58	sahilsonkusare@gmail.co	Ms	Sahil Dilip Sonkusare	Student	Physics	Sardar Patel Mahavidyala	Gondwana university Char	7261906718	Maharashtra	India	Attendee
4-29-2021 9:24:23	ashu longadge19@gmail.c	Ms.	Ashwini Mahadeo Longadg	Student	Bsc(pcm)	Sardar patel mahavidyalay	Gondwana university	7743980902	Maharashtra	Chandrapur	Attendee
4-29-2021 9:37:41	nutandhanorkar327@gma	Ms.	Nutan Dhanorkar	Student	Physics, chemistry , math	Sp college , chandrapur	Gondwana university	7620173953	Maharashtra	India	Attendee
4-29-2021 9:39:49	muskanshaikh1223@gmail	Ms.	Muskan ismail sheikh	Student	Bsc	Sp college	Gondwana university	9322876842	Maharashtra	India	Attendee
4-29-2021 9:59:39	snehalkokawar10@gmail.c	Mrs.	Snehal Ramesh kokawar	Student	Pcm	Sp CLG	Gondwana University	9067149427	Maharashtra	India	Attendee
4-29-2021 10:37:56	poojabhasnarkar349@gma	Ms	Pooja chudaman bhashan	Student	Physics	Arts, commerce and scien	Gondwana University	7218381797	Maharashtra	Indian	Attendee
4-29-2021 15:00:12	27kdkomal@gmail.com	Ms.	Komal Dakare	Student	Physics	Art, commerce and scienc	Gondwana university	09511738126	Maharashtra	India	Attendee

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4-25-2021 12:10:47	aishwaridankar1@gmail.com	Ms	Aishwarya Diliprao Maldankar	Student	Electrical Based	P.R.Pote Patil College of Engineering a	Sant Gadge Baba Univers	9552460423	Maharashtra	India	Attendee		OPENED
4-17-2021 22:16:26	ashleyash111@gmail.com	Ms	Aishwarya Parkhi	Student	SOLAR OPERATED FULL	Karmaveer Dadasaheb Kannamwar Colleg	Rashtrasant Tukadoji Mah	+917972178454	Maharashtra	India	Attendee	Review r https://drive	OPENED
4-25-2021 20:30:21	hodcse2020@gmail.com	Dr	Ajay B Gadicha	Assistant professor	Computer Science and En	P R Pote Patil College of Engineering an	Sant Gadge Baba Amrava	9422342543	Maharashtra	India	Attendee		SENT
4-11-2021 10:31:04	ajaykawade@gmail.com	Dr	AJAY NANAJI KAWADE	Assistant professor	PHYSICS	PDEA's ANNASAHEB WAGHIRE ARTS	SAVITRIBAI PHULE PUN	9325139990	MAHARASHTRA	INDIA	Attendee		OPENED
4-25-2021 12:42:49	ajaywmahore@gmail.com	Prof	Ajay W Mahore	Associate Professor	Mechanical Engineering	P.R.Pote Patil College of Engineering a	Sant Gadge Baba Amrava	9766257430	Maharashtra	India	Attendee		OPENED
4-25-2021 22:25:05	rachanadjamdhalkar29@gmail.com	Ms	Akash Anil mohod Dhanashree Sonparote Arpita	Student	Review Paper	P.R.Pote college of engineering and mar	Sant Gadge Baba Amrava	9404710094	Maharashtra	India	Attendee	Paramet https://drive	OPENED
4-11-2021 20:45:33	akashavhad17@gmail.com	Mr	Akash Manik Avhad	Assistant professor	Physics	K.V.N.NAIK ACS College, Nashik	S.P.P.U	9175391447	MAHARASHTRA	INDIA	Attendee		OPENED
4-25-2021 16:24:42	akhileshtayade14@gmail.com	Mr	AKHILESH TAYADE	Assistant professor	Computer science and eng	P. R. Pote college of Engineering and M	Sant Gadge Baba Amrava	8862037114	Maharashtra	India	Attendee		SENT
4-11-2021 7:25:55	akolkarar@gmail.com	Prof	Akolkar Ankush Rajendra	Assistant professor	Physics	DADAPATIL RAJALE COLLEGE ADINA	Savitribai Phule Pune Uni	9623077559	Maharashtra	India	Attendee		OPENED
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4-19-2021 18:33:01	ajashani7@gmail.com	Dr	Alpana Ashani	Professor	Pharmacy	Priyadarshini J L College of Pharmacy N	RTM NAGPUR UNIVERSI	9823048952	Maharashtra	India	Attendee		OPENED
4-25-2021 17:14:48	amartolmare234@gmail.com	Mr	Amar Sanjayrao Tolmare	Student	Paper Presenta	P. R. Pote (Patil) college Of engineering	SGBAU	7709762379	Maharashtra	India	Attendee	Experime https://drive	CLICKED
4-9-2021 10:21:34	amolpimpalkar26@gmail.com	Prof	AMOL PANDURANG PIMPALKAR	Assistant professor	Mathematics	Guru nanak college of science Ballarpur	Gondwana university	8275746540	Maharashtra	India	Attendee		OPENED
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4-9-2021 13:12:47	angelagnes1987@gmail.com	Mrs	Angel Agnes J	PhD Scholar	Physics	Women's christian college nagercoil	Manonmaniam sundarnar	9488276785	Tamilnadu	India	Attendee		OPENED
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4-12-2021 23:15:24	janabio.net@gmail.com	Dr	C. Janani	Assistant professor	Biotechnology	Srimad Andavan Arts and Science colle	Bharathidasan university	+919047484515	Tamilnadu	India	Attendee		OPENED
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4-25-2021 14:33:47	chetbyt@gmail.com	Mr	Chetan Sureshrao Bidwai	Assistant professor	Civil Engineering	P.R.Pote Patil College of Engineering an	Sant Gadage Baba Amrav	9822838561	Maharashtra	India	Attendee		OPENED
4-25-2021 14:35:15	mechprpcem16@gmail.com	Prof	D. K. Chavhan	Assistant professor	Mechanical Engineering	P.R.Pote College of Engineering and Ma	Amravati University	9960250257	Maharashtra	India	Attendee	PELTIER https://drive	SENT
4-11-2021 16:12:48	arakh@pgcollege.edu.in	Dr	Deepak Laxman Arakh	Assistant professor	Physics	G. S. Gawande college Umarkhed 4452	S. G. B. A. University, Am	9545325182	Maharashtra	India	Attendee		SENT
4-25-2021 14:44:28	deepakshahakar@gmail.com	Mr	Deepak Shahakar	Assistant professor	Science & Technology	P. R. Pote (Patil) College of Engineering	SGBAU, Amravati Univers	+919766338778	Maharashtra	India	Attendee	Applicati https://drive	CLICKED
4-9-2021 14:21:08	rahirieeu0914@gmail.com	Ms	Deepika Rahi	Student	Chemistry	Govt P G College Bina(M P)	Govt P G College Bina(M	9669115914	Madhya Pradesh	India	Attendee	No	CLICKED
4-9-2021 10:21:20	dhanasya2001@gmail.com	Ms	Dhanalakshmi R	Student	Pharmaceutical technolog	Anna University	University College of engi	7397295879	Tamilnadu	India	Attendee		OPENED
4-9-2021 18:10:05	dipeingole25@gmail.com	Dr	Dipti Kailaspant Ingole	Assistant professor	Physics	Mohsinbhai Zaweri Mahavidyalaya	Gondwana University	7798243064	Maharashtra	India	Attendee		OPENED
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4-12-2021 0:36:24	pradnya1974.27@gmail.com	Dr	Dr. Pradnya Kisanrao Ingle	Assistant professor	Physicd	Milind college of science, Aurangabad	Dr. Babasaheb Ambedkar	9309655388	Maharashtra	India	Attendee		OPENED
4-9-2021 18:46:14	vid2302@gmail.com	Dr	Dr. R. Vidyalakshmi	Assistant professor	Physics	Thiruthangal Nadar College	University of Madras	9940011441	Tamilnadu	India	Attendee		OPENED
4-25-2021 9:44:47	sbwarkad@gmail.com	Dr	Dr. SANJAY B. WARKAD	Associate Professor	Electrical Engineering	P. R. Pote Patil College of Engineering A	SGBAU	+917693896006	Maharashtra	India	Attendee		OPENED
4-9-2021 19:38:23	amavd1610@gmail.com	Dr	Dr Mrs. Jyoti S. Dahegaonkar	Assistant professor	Zoology	Sevadal Mahila Mahavidyalaya, Nagpur	Rashtrasant Tukadoji Mah	7499128983	Maharashtra	India	Attendee		OPENED
4-25-2021 22:40:25	mahalleganesh56@gmail.com	Prof	Ganesh Mahalle	Assistant professor	Mechanical Engineering	P. R. Pote (Patil) College of Engineering	Sant Gadge Baba Amrava	09284499370	MAHARASHTRA	India	Attendee		SENT
4-22-2021 11:31:55	singnupwarganesh@gmail.com	Mr	Ganesh Rajeshwar Singnupwar	Student	Physics	Sardar Patel Mahavidya Chandrapur	Gondwana University Gad	7768829980	Maharashtra	India	Attendee		SENT
4-9-2021 13:11:29	yerawarganesh2883@gmail.com	Mr	Ganesh Yerawar	Assistant professor	Physics	ACSC Arvi	RTMNU, Nagpur	8890143914	Maharashtra	India	Attendee		BOUNCED
4-6-2021 19:17:03	gauravchugare1@gmail.com	Mr	Gaurav Chugare	Assistant professor	Microbiology	Guru Nanak college of Science, Ballarpu	Gondwana University Gad	+917709562446	Maharashtra	India	Attendee		SENT
4-25-2021 18:45:41	prpcemgd@gmail.com	Ms	Gauri Deshpande	Assistant professor	Engineering chemistry	P R Pote Patil College of Engineering an	Santa Gadgebaba Amravat	9405078318	Maharashtra	India	Attendee		SENT
4-25-2021 22:37:15	gddaeu09@gmail.com	Dr	Gopalkrishna	Assistant professor	Electronics and Telecomm	PRPCE & M, Amravati	SGBAU, Amravati	9673563078	Maharashtra	India	Attendee		OPENED
4-9-2021 19:05:00	gpramteke@gmail.com	Mr	GOPICHAND GOVINDA RAMTEKE	Assistant professor	PHYSICS	Dr. Ambedkar College of Arts, Commerc	Gondwana University, Gac	9420137739	Maharashtra	India	Attendee		OPENED
4-25-2021 20:05:22	victoria.gracelin@gmail.com	Mrs	GRACELIN D V	Assistant professor	Physics	Sarah Tucker College (Autonomous), Tir	Manonmaniam Sundarana	9840697320	Tamil Nadu	India	Attendee		OPENED
4-27-2021 11:45:16	hemantdhanbhar@rediffmail.com	Dr	HEMANT RAMDAS DHANBHAR	Assistant professor	Chemistry	P R Pote college of Engineering and ma	Sgbau, Amravati	9665046607	Maharashtra	India	Attendee		SENT
4-19-2021 13:06:12	hoomashaikh@gmail.com	Ms	Hooma A A R Shaikh	PhD Scholar	Chemistry	Sardar Patel Mahavidyalaya	Gondwana University	9518919411	Maharashtra	India	Attendee		OPENED
4-22-2021 23:28:50	antonyrajam@gmail.com	Dr	J. ANTONY RAJAM	Assistant professor	Chemistry	St. Mary's College (Autonomous)	Manonmaniam Sundarana	9003996359	Tamil Nadu	India	Attendee	A study of Green Inh	OPENED
4-9-2021 11:39:18	dubeyjitendra95@gmail.com	Dr	Jitendra Dubey	Other	Chemistry	Dayalbagh Educational Institute, Agra	Dayalbagh Educational Ins	7668920508	Uttar Pradesh	India	Attendee		SENT
4-25-2021 20:07:45	jdharawath2@gmail.com	Prof	Jyotsna Sahebrao Wath	Assistant professor	Mathematics	P. R. Pote(Patil) College of Engineering	SGBAU, Amravati	9970177210	Maharashtra	India	Attendee		SENT
4-11-2021 15:23:22	genudaskakade@gmail.com	Dr	Kakade Genudas Nivruti	Associate Professor	Physics	S.S.G.M College,Kopargaon	SPPU,Pune	9423450583	Maharashtra	India	Attendee	Nil	CLICKED
4-15-2021 18:21:19	kamblesonali522@gmail.com	Ms	Kamble Sonali Digai	Student	Mathematics	Pgtd gondwana University Gadchiroli	Gondwana University Gad	07721822470	Maharashtra	India	Attendee		SENT
4-24-2021 21:27:52	kirtidesai2702@gmail.com	Dr	Kirti rajendra Desai	Assistant professor	Physics	Balbhim college Arts science and Comm	Dr bamu university Auranc	9579462118	Maharashtra	India	Attendee		OPENED
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4-25-2021 21:03:05	krutika.chhaued@gmail.com	Prof	Krutika Chhaued	Assistant professor	CSE	PRPCEM, Amravati	Amravati	09860744664	Maharashtra	India	Attendee		OPENED
4-22-2021 9:37:57	pinge2108211@gmail.com	Ms	Ku. Sandhya Dilip Pinge	Student	Physics	Sardar Patel senior college Chandrapur	Gondwana University	9049337421	Maharashtra	India	Attendee		SENT
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4-25-2021 22:12:22	mkukalkar108@gmail.com	Ms	Madhuri G. Kukalkar	Assistant professor	Chemistry	P.R.Pote Patil College of Engineering ar	SGBAU, Amravati	9923926527	Maharashtra	India	Attendee		SENT
4-10-2021 9:18:05	mamta.rani08@gmail.com	Ms	Mamta Rani	Student	biomedical engineering	Samrat Ashok Technological Institute (S	RGPV Bhopal	8109441273	M.P	India	Attendee	No	SENT
4-22-2021 22:26:37	mangesh.yerpude@gmail.com	Dr	Mangesh M Yerpude	Assistant professor	Physics	Bajaj College of Science, Wardha	RTM Nagpur University, N	9595547705	Maharashtra	India	Attendee		OPENED
4-25-2021 16:46:58	manishdeshmukh20177@gmail.com	Prof	Manish Sudhakarrao Deshmukh	Assistant professor	Environmental Engineerin	P.R.Pote college of Engineering and ma	Sant Gadge Baba Univers	9960879629	Maharashtra	India	Attendee		OPENED
4-20-2021 17:08:10	manisha.jawade186@gmail.com	Dr	Manisha Manohar Jawade	Assistant professor	Chemistry	Guru Nanak College of Science Ballarpu	Gondwana University Gad	7385033543	Maharashtra	India	Attendee		SENT
4-9-2021 18:54:57	milindsetole16@gmail.com	Mr	Milind Bhaskar Setole	Other	Inorganic /Physical Chem	Janata Junior College, Nagbhir	RTMNU, Nagpur	9011043889	Maharashtra State	India	Attendee		SENT
4-26-2021 8:43:46	tatte07@gmail.com	Prof	Milind k Tatte	Assistant professor	Computer Engineering	Government Polytechnic Arvi	MSBTE	9868383725	Maharashtra	India	Attendee		OPENED
4-9-2021 17:00:45	mithun@somaiya.edu	Dr	Mithun G mondal	Assistant professor	Chemistry	K J somaiya College mumbai	Mumbai	9867195900	Maharashtra	India	Attendee		SENT
4-25-2021 11:44:09	marprpcem@gmail.com	Mr	Mohd Abdul Rahman	Assistant professor	Civil Engineering	PRPCEM Amravati	SGBAU Amravati	9370001318	Maharashtra	India	Attendee		OPENED
4-9-2021 14:43:49	shoaib5646@gmail.com	Mr	MOMIN SHOAIB MALIK ANSARI ZAFAR AABID	Student	Physical Material Science	Dept Of Physics, KBC NMU Jalgaon, Ind	KBC NMU Jalgaon, India	8882670617	MAHARASHTRA	India	Attendee		OPENED
4-14-2021 17:59:39	monika11rai@gmail.com	Ms	Monika rani	PhD Scholar	Physics	University College of science	Mohan lal sukhadia Univer	7968918071	Rajasthan	India	Attendee		OPENED
4-17-2021 18:58:21	satyamsatyavid@gmail.com	Mr	Mr SATYA PRAKASH BANJARE	Assistant professor	Computer Science and Ap	Atal Bihari Vajpayee Vishwavidyalaya Bi	Atal Bihari Vajpayee Vishv	7869019143	CHHATTISGARH	India	Attendee		OPENED
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4-9-2021 10:18:43	lonem2932@gmail.com	Mr	Mushtaq Ahmad lone	Student	Botany	OSGU Hisar Haryana	OSGU Hisar Haryana	6082552322	UT J & K	India	Attendee		SENT
4-25-2021 23:55:39	nehalohare9051@gmail.com	Ms	Neha Lohare, Nikhil Wankhede, Shubham thakare	Student	Touch Less Tough Screen	P. R. Pote college of engineering & man	Sang gadge baba amravat	9923442261	Maharashtra	India	Attendee	Touch Le https://drive	OPENED
4-22-2021 13:09:04	Nehadodiara9@gmail.com	Ms	Neha Shyam Dodiara	Student	Physics	sardar patel mahavidyalaya chandrapur	Gondwana university	9503531819	Maharashtra	India	Attendee		SENT
4-25-2021 20:05:24	nvkuthe1994@gmail.com	Ms	Neha Vivek Kuthe	Student	Thermal Engineering	P. R. Pote (Patil) College of Engineering	Sant Gadge Baba Amrav	9403860417	MAHARASHTRA	India	Attendee	BIOMAS https://drive	OPENED
4-9-2021 11:15:52	nl7555@gmail.com	Mr	Nilesh Vitthal Lokhande	Assistant professor	Physics	Shri Govindrao Munghate Art's And Scie	Gondwana University Gad	8378811085	Maharashtra	India	Attendee		OPENED

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4-25-2021 16:24:24	[illegible]@gmail.com	Mr.	[illegible]	Student	[illegible] engineering	P. R. Pote College of Engineering and Ar Sant gadge baba Amravati	+91[illegible]108	Maharashtra	[illegible]	Attendee	[illegible] OPENED
4-21-2021 17:42:03	[illegible]@gmail.com	Dr.	[illegible]	Assistant professor	Physics	[illegible] College of Arts, Co Dr. B. A. M. University Aur	8275343832	M. S.	[illegible]	Attendee	SENT
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4-9-2021 10:15:22	[illegible]@gmail.com	Mr.	[illegible]	Student	Mechanical and Scientific	[illegible] University, Sahu Madhya Pradesh, AKS University	[illegible]185	Madhya Pradesh	[illegible]	Attendee	CLICKED
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IVCMN – 2021 Agenda

Day 01 - 29th April 2021

Inaugural Function
9:00 am – 10:05 am

9:00 am – 9:05 am	Inauguration and Convener address
9:05 am – 9:15 am	Massege from the Patrons followed by Director's massage 1) Sardar Naginder Singh Ji Soni 2) Shri. Pravinkumar R. Pote
9:15 am – 9:20 am	Presidential Speech by Dr. B. M. Bahirwar, Principal, G. N. College of Science, Ballarpur
9:20 am – 9:25 am	Presidential Speech by Dr. A. V. Kale, Principal, P. R. Pote (Patil) College of Engg. & Management, Amravati
9:25 am – 9:30 am	Introduction to the Chief Guest – Dr. Ashok V. Joshi
9:30 am – 10:00 am	Guidance Lecture by Chief Guest – Dr. Ashok V. Joshi
10:00 am – 10:05 am	Vote of thanks of the event
10:05 am – 10:15 am	Virtual Interaction and Tea break

Link :- https://us02web.zoom.us/j/81515035344?pwd=MVJOSnFPTGZnMmlUTjFqSS9VZzVMZz09

Meeting ID: 815 1503 5344

Passcode: 1234

Key note lecture and invited talks
10:15 am – 1:15 pm

10:15 am – 11:00 am	Key note lecture by Prof. S. J. Dhoble "*Color tuning for enhancement of luminescence intensity of LED phosphors for lighting industry*"
11:00 am – 11:45 am	Invited talk – Prof. Ramchandra Pode "*OLED operating mechanism and applications*"
11:45 am – 12:30 pm	Invited talk – Dr. C. Gayner "*Thermoelectric materials, strategies, and the future: from materials to materials characterization*"

Lunch break & Display of the Posters (P1 – P10)
12:30 pm – 1:30 pm

Link :- https://us02web.zoom.us/j/81515035344?pwd=MVJOSnFPTGZnMmlUTjFqSS9VZzVMZz09

Meeting ID: 815 1503 5344

Passcode: 1234

37 39

Oral Presentation
1:30 pm – 4:30 pm

Session – I

Introduction of the Chairperson
Chairperson – Dr. Gahane

Oral presentation from O1 – O10.

Session – II

Introduction of the Chairperson
Chairperson – Dr. A. U. Bajpeyee

Oral presentation from O11 – O20.

Session – III

Introduction of the Chairperson
Chairperson – Dr. S. S. Wazalwar

Oral presentation from O21 – O35.

Session – IV

Introduction of the Chairperson
Chairperson – Dr. Vijay Chaudhari

Oral presentation from O36 – O50.

Vote of thanks for the day and declaration of the end of the day

Session II & Session IV & Session VI

Link :- https://us02web.zoom.us/j/81515035344?pwd=MVJOSnFPTGZnMmlUTjFqSS9VZzVMZz09

Meeting ID: 815 1503 5344

Passcode: 1234

Session I & Session III & V :- Join Zoom Meeting

https://us02web.zoom.us/j/85169400838?pwd=S09hSTZRL0VWa3pTR0xWK2tDczhmZz09

Meeting ID: 851 6940 0838

Passcode: 1234

Day 02 - 30th April 2021

Welcome to the 2nd day of the conference & introduction to the chairperson 10:00 am – 10:15 am

Key note lecture and invited talks 10:15 am – 1:15 pm

10:15 am – 11:00 am	Invited talk – Dr. R. G. Tanguturi "*Transition metal-oxide heterostructures: the role of interface on their electronic and magnetic properties*"
11:00 am – 11:45 am	Invited talk – Prof. Manish Shinde "*Nanomaterials for sensor applications: C-MET experience*"
11:45 am – 12:30 pm	Invited talk – Dr. Haranath D. "*Extraction of invisible fingureprints using afterglow nanophosphors for Forensic applications*"
12:30 pm – 1:15 pm	Invited talk – Dr. Konstatin Ivanovskikh "*Host-to-impurity energy transfer in lanthanide-doped luminescence materials*"
1:15 pm – 2:00 pm	Invited talk – Dr. Preeti Gupta "*Domain wall conduit properties of 3D nano-printed Cobalt nanowires on flexible substrate*"

Lunch break & Display of the Posters (P11 – P22)
2:00 pm – 2:30 pm

Link :- https://us02web.zoom.us/j/81515035344?pwd=MVJOSnFPTGZnMmlUTjFqSS9VZzVMZz09

Meeting ID: 815 1503 5344

Passcode: 1234

Oral Presentation
2:30 pm – 4:30 pm

Session – V

Introduction of the Chairperson
Chairperson – Dr. S. Y. Mullemwar

Oral presentation from O51 – O60.

Session – VI

Introduction of the Chairperson
Chairperson – Dr. Vijay Pawade

Oral presentation from O61 – O70.

Valedictory function

Link :- https://us02web.zoom.us/j/81515035344?pwd=MVJOSnFPTGZnMmlUTjFqSS9VZzVMZz09
Meeting ID: 815 1503 5344
Passcode: 1234

Session II & Session IV & Session VI

Link :- https://us02web.zoom.us/j/81515035344?pwd=MVJOSnFPTGZnMmlUTjFqSS9VZzVMZz09

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Oral Presentation
2:30 pm – 4:30 pm

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Introduction of the Chairperson
Chairperson – Dr. S. Y. Mullemwar

Oral presentation from O51 – O60.

Session – VI

Introduction of the Chairperson
Chairperson – Dr. Vijay Pawade

Oral presentation from O61 – O70.

Valedictory function

Link :- https://us02web.zoom.us/j/81515035344?pwd=MVJOSnFPTGZnMmlUTjFqSS9VZzVMZz09
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Passcode: 1234

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RESUME
Section - A



Dr.Ramchandra Balaji Pode
Department of Physics
Kyung Hee University
1 Hoegi-dong, Dongdaemun-gu,
Seoul 130-701, SOUTH KOREA
Email: rbpode@khu.ac.kr,
rbpode@yahoo.com
Mobile: +82 10 5169 3510

Current Position : Professor (Full)
Date of Birth : 5 th July, 1957
Educational Qualifications : 1. Ph.D. (1984, Nagpur University, India.)
Field: Solid State Physics (고체 물리학)
2. MS (1980, Nagpur University, India)
Field: Physics (고체 물리학)

Teaching Experience : 35 Years
1. 22 Years at Department of Physics, Nagpur University, Nagpur (India)
2. Kyung Hee University Dongdaemun-gu, Seoul, 02447, Korea since September 2007.

Courses taught
At Nagpur University:
1) Quantum Mechanics (Angular momentum, Approximation methods, Scattering Theory),
2) Materials Science,
3) Semiconductor Physics and Devices

At Kyung Hee University:
i) Electronics
ii) Display Devices
iii) Modern Physics
iv) Spectroscopy, and

General Physics Course (Biology, Mathematics, and Information Display students)

Patents : Three International Patents

1. Italian Patent No. Brevetto n. RM 2001 A000471 Dated 2nd August 2001 on the " Stabilizzazione della luminescenza da materiali organici con conposti di origine fenolica"
   Authors: G Baldacchini, R M Montereali, A Pace, S Gagliardi, R B Pode, and T Baldacchini
2. Italian Patent No. RM2002A00513 Dated 10th October 2002 on the "Meotdo di prepararazione di materiali organici luminescenti stabilizzati per trattamento termico e materiali cosi ottenuti"
   Authors: G Baldacchini, A Pace, R B Pode, and T Baldacchini
3. PCT/IT 02/00504 July 30, 2002 on the "Stabilization of luminescence from organic materials with compounds of phenolic origin
   Authors: G Baldacchini, R M Montereali, A Pace, S Gagliardi, R B Pode, and T Baldacchini

Research Publications : Research Articles in Journals – 133
Books – 2
Book Chapters - 2

Professional Experience/ Research Interest:

Organic light emitting devices,Organic Displays

Organic light emitting diodes (OLEDs) typically include several layers of organic materials sandwiched between conductive thin film electrodes. A flexible OLED is based on a flexible substrate which can be either plastic, metal or flexible glass, flexible electrodes (either metal or alloys of metals or others), and flexible encapsulation. In recent years, great attention has paid to the exploitation of *flexible transparent electrodes* for applications in wearable electronics, flexible displays, touch panels, and solar cells.

I am involved in the field of organic light emitting devices since 2002. I also worked as visiting Scientist at Korea Electronics Technology Institute, South Korea in 2003 and 2005 (Brain Pool, KOFST) on OLEDs devices. I am specialized in Organic Light Emitting Diode (OLEDs) devices and displays and acquired enough expertize to conduct the research project on OLEDs. During these years, I have published around 65 research articles in various SCI journals of repute. In addition, I have contributed chapters to two books on OLEDs.

Professional Services:

1. Lead Guest Editor, Special Issue on "Energy Materials: Solar Cells and Conversion", Advances in Materials Science and Engineering, Hindawi Publishing Corporation
2. Guest Editor, Special Issue on "Luminescent Phosphors and Their Applications", Advances in Condensed Matter Physics, Hindawi Publishing Corporation
3. Electrochemical Society - Journal of Solid State Science and Technology (SCI Journal): Editorial Advisory Committee member (Since January 2018)

ection - B

Education and Research

Dates		Colleges and Universities	Department	Specialized Field	Degree Received
From	To				
1973	1977	Nagpur University (India)	Janata College, Chandrapur	Physics, Chemistry, Mathematics	B.Sc.
1978	1980	Nagpur University (India)	Post Graduate Department of Physics	Physics (Condensed matter physics, electronics)	M.Sc.
1980	1984	Nagpur University (India)	Post Graduate Department of Physics	Defect solid state physics	Ph.D.

Post-Doc Fellowships/Awards

Recognition Details	Dates	Remarks
ICTP Trieste, Italy Post-Doc Fellowships	May – August 1989 (4 months)	ENEA, Frascati, Italy
EU-DST Post-Doc Fellowships	May – October 1995 (6 months)	ENEA, Frascati, Italy
ENEA Post-Doc Fellowship	Oct. – Dec. 1999 (2 months)	ENEA, Frascati, Italy
ENEA Post-Doc Fellowship	Oct. – Dec. 2000 (3 months)	ENEA, Frascati, Italy
ENEA Post-Doc Fellowship	Nov. 2001-Jan. 02 (3 months)	ENEA, Frascati, Italy
ENEA Post-Doc Fellowship	Nov.- Dec 2002 (1 & 1/2 months)	ENEA, Frascati, Italy
ENEA Post-Doc Fellowship	Nov.-Dec. 2004 (1 & 1/2 months)	ENEA, Frascati, Italy
27-05-2003 to 30-06-2004	Information Display Research Center, Korea Electronics Technology Institute, Seoul, Korea	Senior Researcher
20-12-2005 to 19-12-2006	Information Display Research Center, Korea Electronics Technology Institute, Seoul, Korea	Senior Researcher

Honors and Awards

Position in Marquis Who's Who in Science and Engineering, 2007-2008

Research Project Completed at Nagpur University (India)

Ten research projects have been successfully completed.

Experimental Skills : # Familir with Clean-Room facilities
Spin-coating
Photolithography setup
wet etching
Vacuum thermal deposition of metals and organic materials
Device fabrication & electrical charcaterization
Transient EL measurments

Academic Distinctions/ Honors : Position in Marquis Who's Who in Science and Engineering, 2006-2007
DST Young Scientist Research Project

International Workshops

(1) 1991
a) Spring college in materials science, ICTP, Trieste, Italy, 1991.
b) NATO advanced school on: Excited state absorption spectroscopy in solids, Erice, Italy,1991.
(2) 1992 workshop on condensed matter physics, ICTP, Trieste, Italy
(3) 2001 International conference on materials for advanced technologies , Singapore 1-6 July 2001

EXCHANGE PROGRAMME

1. Joint Indo- Italian research project in ST POC 2002-2004 for exchange of visits of scientists Department of Science & Technology, Govt. of India and Ministry of External Affairs, Italy

Invited Lectures

1. Tris-(8-hydroxy quinoline)-Aluminum: Novel organic luminescent material for display application
National Seminar on Current Trends in Phosphor Technology for Its

Section - C

Employment and administrative Details:

Duration		Institution and Address	Position	Job Description
From	To			
1983- 1984		Dharampeth Science College, Nagpur (India)	Assistant Professor	Under graduate teaching
8-8-1984 - 1-2-1991		Physics Dept., Nagpur University (India)	Assistant Professor	Postgraduate teaching & Research
1-2-1991 - 27 -7- 1998		Physics Dept., Nagpur University (India)	Senior Assistant Professor	Postgraduate teaching & Research
27 -7- 1998 to 26-05-2003		Physics Dept., Nagpur University (India)	Associate Professor	Postgraduate teaching & Research
27-05-2003 to 30-06-2004		Information Display Research Center, Korea Electronics Technology Institute, Seoul, Korea	Senior Researcher	Research
1-07-2004 to 19-12-2005		Physics Department, Nagpur University, Nagpur (India)	Senior Reader	Research and Teaching
20-12-2005 to 19-12-2006		Information Display Research Center, Korea Electronics Technology Institute, Seoul, Korea	Senior Researcher	Research
20-12-2006 to 27 -08-2007		Physics Department, Nagpur University, Nagpur (India)	Senior Associate Professor	Research and Teaching
2007 onward		Kyung Hee University, Seoul	Professor	Research and Teaching

Administrative Experience

i) Director Incharge
Regional Sophisticated Instrumentation Centre
Nagpur University (India) (July 2000 to April 2003)

ii) Member Academic Council, Nagpur University(India) (From 2000-04)

Academic & Professional Societies Affiliation

a) Indian Physics Association, India
b) Indian Laser Association, India
c) Indian Society for Technical Education, New Delhi

Section - D

Biographical note:

Professor Ramchandra Pode has been working in the field of higher education for nearly three decades and has served as a faculty at the Department of Physics, Nagpur University (India) (August 1984 to August 2007), Director In-charge Regional Sophisticated Instrumentation Centre Nagpur University (India) (July 2000 to April 2003), and the Member of Academic Council, Nagpur University(India) (From 2000-04). Presently, he is working as Associate Professor in Department of Physics at Kyung Hee University, Seoul, South Korea (since September 2007).

Dr. Pode studied at the Nagpur University (India) and earned Ph.D. degree in 1984. He was awarded European Union-DST (India) Post Doc Fellow at ENEA, Frascati, Rome, Italy in 1995 and Brain Pool, KOFST visiting Scientist at Korea Electronics Technology Institute, South Korea from 2003-04 and 2005-06. He has guided several post graduate and more than ten Ph.D. students who are now active in industry and academia mostly in Asia. Ramchandra Pode holds 3 US and EU patents, and has published over 150 papers in journals and premier conferences/proceedings.

As an extracurricular activities, he has worked on the off-grid solar home lighting. Under this initiatives, solar home system has been designed, built and implemented in Couré Mbatar village, Senegal for the potential applications in rural electrification.

Recently, his book on "solar lighting" has been published by Springer-verlag and associated with the United Nations Development Program (2013), *Achieving Sustainable Energy for All in the Asia-Pacific*. Bangkok: UNDP APRC.

Research Interests:

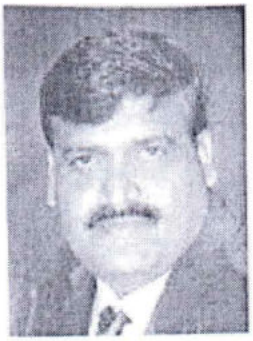
1. Organic Light Emitting Diode Devices & Organic Solar Cells
2. Spectroscopy of organic donor materials for solar cells

Professional Services:

4. Lead Guest Editor, Special Issue on "Energy Materials: Solar Cells and Conversion", Advances in Materials Science and Engineering, Hindawi Publishing Corporation
5. Guest Editor, Special Issue on "Luminescent Phosphors and Their Applications", Advances in Condensed Matter Physics, Hindawi Publishing Corporation

6. Electrochemical Society - Journal of Solid State Science and Technology (SCI Journal): Editorial Advisory Committee member (Since January 2018)

Contact: *Ramchandra Pode, Associate Professor, Department of Physics, Kyung Hee University, 1 Hoegi-dong, Dongdaemun-gu, Seoul, 130-701, South Korea*
Email: rbpode@khu.ac.kr, Website: http://rbp.khu.ac.kr
C.P. +82-1—5169-3510, Office: +82-2-961-9236



Prof. Sanjay J. Dhoble

Prof. Sanjay J. Dhoble obtained his M.Sc. degree in Physics from Rani Durgavati University, Jabalpur, India in 1988. He obtained his Ph.D. degree in 1992 in Solid State Physics from Nagpur University, Nagpur, India. Dr. Dhoble is presently working as a Professor in the Department of Physics, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, India. He has about 29 years of teaching at undergraduate and post graduate level and 28 years research experience. Dr. Dhoble stands among the "Top 2% Scientists in the World" in the prestigious list published by a team of scientists in US' Stanford University, in one of the highly rated journals, PLOS Biology. During his research career, he has worked on the synthesis and characterization of solid-state lighting materials and phosphors for solar cell efficiency enhancement, as well as development of radiation dosimetry phosphors and utilization of fly ash. Dr. Dhoble published 41 patents and few of them are already granted. More than 645 research papers are published in Scopus indexing journals and his h-index is 34 and has 6840 citations on Scopus. Dhoble's citation on Google Scholar is 8663 and h-index is 38 and i10-index is 247. Dr. Dhoble successfully guided 65 students for Ph.D. degree. He also edited/authored 16 International books. Dr. Dhoble is an Editor of "Luminescence: The Journal of Biological and Chemical Luminescence", John Wiley & Sons Ltd. Publication. He is also a recipient of India's Top Faculty Research Award-2018 by Careers 360, for the top ten researchers in India in Physics on the basis of the research papers published in Scopus research database in the session 2017-2018, on 20th March 2018. He is also a Fellow of the Luminescence Society of India (LSI) and Fellow of Maharashtra Academic of Sciences (MASc).

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Konstantin V. Ivanovskikh, PhD



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of Rare Metal Industry (Giredmet)
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+7 922 601 45 77 (cell)
E-mail: KVIvanovskikh@rosatom.ru
k.v.ivanovskikh@urfu.ru

EDUCATION

PhD in physics, Ural State Technical University[1*] (Russia); Jun 2006
Specialization: *Physics of condensed matter*; PhD thesis: "*Excitation and relaxation of high-energy states of rare earth ions doped into strontium fluoride crystals*".

Engineer-physicist, Ural State Technical University[*] (Russia); Mar 2002
Specialization: *Electronics and automation of physical plants*; Diploma work / thesis: "*Data acquisition system for multivariate Mössbauer spectroscopy*".

AREAS of EXPERTISE

- Luminescent and optical spectroscopy of solid state (nano-) materials;
- Spectroscopy of lanthanide (rare earth) ions;
- Fast scintillator materials for medical imaging;
- Phosphors for LED and display applications, luminescent concentrators;
- VUV emitting optical materials;
- Host-to-impurity energy transfer and dynamics of host electronic excitations;
- Defects, trapping states and impurity trapped excitons, photoionization of impurity centres;
- Synthesis and structural characterisation of optical (nano-) materials;
- Laser induced microwave photoconductivity.

APPOINTMENTS

State Research and Design Institute of Rare Metal Industry (Giredmet), ROSATOM State Atomic Energy Corporation (Russia) Jan 2021 - now
Deputy Director for Research and Innovation
Responsible for coordination of research and design efforts in exploring new materials based on rare metals, their compounds and alloys, metal powders, high-purity substances, semiconductor materials for electronics and IR optics, scintillator materials for PET application. Variety of administration duties, managing research activities in 12 laboratories of the institute.

Dep. of Experimental Physics, Ural Federal University (Russia), Dec 2013 - now
Senior Research Fellow (part-time)
Variety of general and laboratory-specific administrative duties. Solving problems related to materials composition analysis, design experiments and deliver high quality analytical results utilizing compositional analysis techniques. Research on luminescence materials. Mentoring students.

ANK Service LLC (Russia), Director for Research and Development Dec 2013 – Dec 2020
Setting strategic direction, determining goals/objectives for multi-disciplinary team of researchers. Ensuring delivery of company goals in R&D. Developing new product formulas, product specifications. Developing new methods in spectroscopy of lanthanide based materials.

Dep. of Physics & Astronomy, University of Canterbury (New Zealand), Nov 2010 - Oct 2013
Postdoctoral Researcher;
Research on synchrotron radiation and laser induced optical and VUV spectroscopy of lanthanide doped (nano-)materials for LED applications and VUV emitting materials; in charge of maintenance of laser and spectroscopic facilities in the lab.

Institut Lumière Matière (UMR5306) CNRS / Université Claude Bernard Lyon 1 (France), Postdoctoral Researcher; Oct 2009 - Oct 2010
Time-domain study of transient response of laser induced photoconductivity; spectroscopy and dynamics of impurity trapped excitons; photoionization dynamics.

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* renamed to Ural Federal University in 2011 (www.urfu.ru).

Debye Inst. for Nanomaterials Science, Utrecht University (The Netherlands), May 2007 - Sep 2009
Postdoctoral Researcher;
Synthesis and characterisation of new ultrafast scintillator materials for medical imaging (TOF-PET and CT scanners); time-resolved VUV spectroscopy of lanthanide doped inorganic crystals, ceramics and nanopowders. Spectroscopy with synchrotron radiation

Inst. of Physics & Technology, Ural State Technical University* (Russia), Docent; Jun 2006 - May 2007
Running reading courses "Programmable logic devices", "Solid-state physics" (partly), practical course "Detection of ionizing radiation and spectrometry"; supervision of students' projects, research on scintillator materials.

Inst. of Physics & Technology, Ural State Technical University* (Russia), Tutor (part-time). Apr 2004 - Jun 2006
Teaching practical courses "Detection of ionizing radiation and spectrometry" and "Digital and impulse technique". Supervision of students' research projects.

Dep. of Experimental Physics, Ural State Technical University* (Russia), Apr 2002 - Apr 2004
R&D Engineer (part-time);
Development and testing of γ- and neutron radiometers and spectrometers.

KEY SKILLS

Experiment:

- Ultrafast time-resolved luminescence and optical spectroscopy of condensed matter with UV-VUV, XUV and X-ray synchrotron radiation at DESY (Germany), SSTRC (Russia), Argonne (US), BSRF (China).
- Laser excited spectroscopic experiments with CW and pulsed lasers: excimer (F_2-, ArF-) lasers, HeCd laser, Ti:Sapphire laser, Ar laser, CW and pulsed dye lasers, Q-sw. YAG:Nd laser with OPO;
- IR spectroscopy, vacuum spectrometers, CCD cameras, streak cameras;
- Spectrally resolved thermoluminescence measurements;
- ICP mass-spectroscopy and ICP atomic-emission spectroscopy for chemical trace analysis;
- Study of transient response of photoconductivity using microwave resonant cavity technique (MRCT);
- Low-temperature experiments (*down to 2 K*), working with ultra-high vacuum techniques;
- Synthesizing lanthanide doped inorganic (nano-) powders using solid state reaction and combustion techniques; characterization of synthesized materials with X-ray powder diffraction;
- Growing single crystals using the Bridgman–Stockbarger method.

AWARDS and RECOGNITION

Elsevier, Optical Materials, Certificate of outstanding contribution	2017, 2018
Academic council of Ural Federal University, Award for excellence in research;	2014
The First President of Russia Award for young researchers (Excellence in research prize);	2004, 2006
Academic council of Urals State Technical University, Award for excellence in research;	2004, 2005
Ural Research & Educ. Centre for Adv. Materials, Award for excellence in research;	2003
Scholarship to outstanding postgraduates awarded by Ural Research & Educ. Centre for Adv. Materials (US-Russian CRDF Program).	2002-2003

MISCELLANEOUS

Languages: English (*fluent*), French (*basic level*), Russian (*mother tongue*).

Professional service: Referee for *Journal of Molecular Structure*, *Journal of Luminescence*, *Optical Materials*, *Journal of Alloys & Compounds* (*Elsevier*), *Journal of Chemical Sciences*, *Physics of the Solid State* (*Springer*).

Professional affiliations: European Rare-Earth and Actinide Society (EREAS), American Society for Testing and Materials (ASTM).

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Konstantin V. Ivanovskikh, PhD



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E-mail: KVIvanovskikh@rosatom.ru
k.v.ivanovskikh@urfu.ru

EDUCATION

PhD in physics, Ural State Technical University[1]* (Russia); Jun 2006
Specialization: *Physics of condensed matter*; PhD thesis: "*Excitation and relaxation of high-energy states of rare earth ions doped into strontium fluoride crystals*".

Engineer-physicist, Ural State Technical University* (Russia); Mar 2002
Specialization: *Electronics and automation of physical plants*; Diploma work / thesis: "*Data acquisition system for multivariate Mössbauer spectroscopy*".

AREAS of EXPERTISE

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- Spectroscopy of lanthanide (rare earth) ions;
- Fast scintillator materials for medical imaging;
- Phosphors for LED and display applications, luminescent concentrators;
- VUV emitting optical materials;
- Host-to-impurity energy transfer and dynamics of host electronic excitations;
- Defects, trapping states and impurity trapped excitons, photoionization of impurity centres;
- Synthesis and structural characterisation of optical (nano-) materials;
- Laser induced microwave photoconductivity.

APPOINTMENTS

State Research and Design Institute of Rare Metal Industry (Giredmet), ROSATOM State Atomic Energy Corporation (Russia) Jan 2021 - now
Deputy Director for Research and Innovation
Responsible for coordination of research and design efforts in exploring new materials based on rare metals, their compounds and alloys, metal powders, high-purity substances, semiconductor materials for electronics and IR optics, scintillator materials for PET application. Variety of administration duties, managing research activities in 12 laboratories of the institute.

Dep. of Experimental Physics, Ural Federal University (Russia), Dec 2013 - now
Senior Research Fellow (part-time)
Variety of general and laboratory-specific administrative duties. Solving problems related to materials composition analysis, design experiments and deliver high quality analytical results utilizing compositional analysis techniques. Research on luminescence materials. Mentoring students.

ANK Service LLC (Russia), Director for Research and Development Dec 2013 – Dec 2020
Setting strategic direction, determining goals/objectives for multi-disciplinary team of researchers. Ensuring delivery of company goals in R&D. Developing new product formulas, product specifications. Developing new methods in spectroscopy of lanthanide based materials.

Dep. of Physics & Astronomy, University of Canterbury (New Zealand), Nov 2010 - Oct 2013
Postdoctoral Researcher;
Research on synchrotron radiation and laser induced optical and VUV spectroscopy of lanthanide doped (nano-)materials for LED applications and VUV emitting materials; in charge of maintenance of laser and spectroscopic facilities in the lab.

Institut Lumière Matière (UMR5306) CNRS / Université Claude Bernard Lyon 1 (France), Oct 2009 - Oct 2010
Postdoctoral Researcher;
Time-domain study of transient response of laser induced photoconductivity; spectroscopy and dynamics of impurity trapped excitons; photoionization dynamics.

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Postdoctoral Researcher;
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Teaching practical courses "Detection of ionizing radiation and spectrometry" and "Digital and impulse technique". Supervision of students' research projects.

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- Laser excited spectroscopic experiments with CW and pulsed lasers: excimer (F_2-, ArF-) lasera, HeCd laser, Ti:Sapphire laser, Ar laser, CW and pulsed dye lasers, Q-sw. YAG:Nd laser with OPO;
- IR spectroscopy, vacuum spectrometers, CCD cameras, streak cameras;
- Spectrally resolved thermoluminescence measurements;
- ICP mass-spectroscopy and ICP atomic-emission spectroscopy for chemical trace analysis;
- Study of transient response of photoconductivity using microwave resonant cavity technique (MRCT);
- Low-temperature experiments (*down to 2 K*), working with ultra-high vacuum techniques;
- Synthesizing lanthanide doped inorganic (nano-) powders using solid state reaction and combustion techniques; characterization of synthesized materials with X-ray powder diffraction;
- Growing single crystals using the Bridgman–Stockbarger method.

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The First President of Russia Award for young researchers (Excellence in research prize);	2004, 2006
Academic council of Urals State Technical University, Award for excellence in research;	2004, 2005
Ural Research & Educ. Centre for Adv. Materials, Award for excellence in research;	2003
Scholarship to outstanding postgraduates awarded by Ural Research & Educ. Centre for Adv. Materials (US-Russian CRDF Program).	2002-2003

MISCELLANEOUS

Languages: English (*fluent*), French (*basic level*), Russian (*mother tongue*).

Professional service: Referee for *Journal of Molecular Structure*, *Journal of Luminescence*, *Optical Materials*, *Journal of Alloys & Compounds* (*Elsevier*), *Journal of Chemical Sciences*, *Physics of the Solid State* (*Springer*).

Professional affiliations: European Rare-Earth and Actinide Society (EREAS), American Society for Testing and Materials (ASTM).

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LIST OF SELECTED PUBLICATIONS

1) T. Wang, Q. Shi, K.V. Ivanovskikh, L. Wang, H. Guo, P. Huang, C.E. Cui, A potential high color purity and thermally stable red-emitting phosphor based on Tb^{3+} and Eu^{3+} co-doped sodium yttrium borate: synthesis and luminescence spectroscopic characterization, *Journal of Luminescence*, (2021) 118138, *In Press*. (***IF 3.28***) Link

2) K.V. Ivanovskikh, V.A. Pustovarov, S. Omelkov, M. Kirm, F. Piccinelli, M. Bettinelli, Phase transition, radio- and photoluminescence of $K_3Lu(PO_4)_2$ doped with Pr^{3+} ions, *Journal of Luminescence*, 230 (2021) 117749. (***IF 3.28***) Link

3) Y.N. Chouryal, R.K. Sharma, K.V. Ivanovskikh, A.V. Ishchenko, Q. Shi, V.Y. Ivanov, S. Nigam, A. Pandey, P. Ghosh, Temperature dependent quantum cutting in cubic $BaGdF_5:Eu^{3+}$ nanophosphors, *New Journal of Chemistry*, 45 (2021) 1463-1473. (***IF 3.29***) Link

4) V.A. Pustovarov, K.V. Ivanovskikh, S.A. Kiselev, E.S. Trofimova, S. Omelkov, M. Bettinelli, Testing performance of Pr^{3+}-doped $KLuP_2O_7$ upon UV-, synchrotron X-ray and cathode-ray excitation, *Optical Materials*, 108 (2020) 110234. (***IF 2.97***) Link

5) R.K. Sharma, Y.N. Chouryal, A.I. Slesarev, K.V. Ivanovskikh, I.I. Leonidov, S. Nigam, P. Ghosh, A closer look at the defects and luminescence of nanocrystalline fluorides synthesized via ionic liquids: the case of Ce^{3+}-doped BaF_2, *New Journal of Chemistry*, 44 (2020) 200-209. (***IF 3.29***) Link

6) R.B. Hughes-Currie, K.V. Ivanovskikh, J.-P.R. Wells, M.F. Reid, A. Meijerink, Intrinsic electronic excitations and impurity luminescent centres in $NaMgF_3$ and MgF_2 doped with Yb^{2+}, *Optical Materials*, 99 (2020) 109553. (***IF 2.97***) Link

7) Q. Shi, Y. Huang, K.V. Ivanovskikh, V.A. Pustovarov, L. Wang, C.e. Cui, P. Huang, Luminescence properties and host sensitization study of $Ba_3La(PO_4)_3:Ce^{3+}$ with (V)UV and X-ray excitation, *Journal of Alloys and Compounds*, 817 (2020) 152704. (***IF 4.65***) Link

8) Y. Geng, Q. Shi, F. You, K.V. Ivanovskikh, et al., Site occupancy and luminescence of Ce^{3+} ions in whitlockite-related strontium lutetium phosphate, *Materials Research Bulletin*, 116 (2019) 106-110.

9) A.V. Ishchenko, K.V. Ivanovskikh, I.A. Weinstein, R.F. Samigullina, V.V. Platonov, Luminescence mechanism and energy transfer in cesium metavanadate CsVO3, *Radiation Measurements*, 124 (2019) 48-53.

10) V.A. Pustovarov, K.V. Ivanovskikh, Y.E. Khatchenko, Q. Shi, M. Bettinelli, Energy conversion in LiSrPO4 doped with Pr3+ ions, *Radiation Measurements*, 123 (2019) 39-43.

11) V.A. Pustovarov, K.V. Ivanovskikh, Y.E. Khatchenko, M. Bettinelli, Q. Shi, Luminescence Spectroscopy and Decay Kinetics of Pr3+ Ions in $K_3LuSi_2O_7:Pr^{3+}$, *Physics of the Solid State*, 61 (2019) 752-757.

12) V.A. Pustovarov, K.V. Ivanovskikh, Y.E. Khatchenko, V.Y. Ivanov, M. Bettinelli, Q. Shi, Luminescence of Pr^{3+} Impurity Centers and Defects in $Sr_9Sc(PO_4)_7:Pr^{3+}$, *Physics of the Solid State*, 61 (2019) 758-762.

13) V.A. Pustovarov, K.V. Ivanovskikh, Q. Shi, Y. Huang, M. Bettinelli, Impurity and defect-related luminescence of Ce^{3+} doped $LiLa_9(SiO_4)_6O_2$ crystals upon UV-VUV, X-ray and cathode ray excitation, *Optical Materials*, 84 (2018) 66-72. Link

14) K.V. Ivanovskikh, Q. Shi, M. Bettinelli, V.A. Pustovarov, Unravelling Pr^{3+} 5d-4f emission in $LiLa_9(SiO_4)_6O_2$ crystals doped with Pr^{3+} ions, *Optical Materials*, 79 (2018) 108-114. Link

15) R.B. Hughes-Currie, K.V. Ivanovskikh, J.-P.R. Wells, M.F. Reid, R.A. Gordon, L. Seijo, Z. Barandiarán, X-ray Excitation Triggers Ytterbium Anomalous Emission in CaF_2:Yb but Not in SrF_2:Yb, *The Journal of Physical Chemistry Letters*, 8 (2017) 1175-1178. Link

16) K.V. Ivanovskikh, R.B. Hughes-Currie, M.F. Reid, J.-P.R. Wells, N.S. Sokolov, R.J. Reeves, Synchrotron spectroscopy of confined carriers in CdF_2-CaF_2 superlattices, *Journal of Applied Physics*, 119 (2016) 104305. Link

17) R.B. Hughes-Currie, K.V. Ivanovskikh, J.-P.R. Wells, M.F. Reid, R.A. Gordon, The determination of dopant ion valence distributions in insulating crystals using XANES measurements, *Journal of Physics: Condensed Matter*, 28 (2016) 135502. Link

18) R.B. Hughes-Currie, K.V. Ivanovskikh, M.F. Reid, J.-P.R. Wells, R.J. Reeves, A. Meijerink, Vacuum ultraviolet synchrotron measurements of excitons in $NaMgF_3:Yb^{2+}$, *Journal of Luminescence*, 169-B (2016) 419-421. Link

19) R.B. Hughes-Currie, A.J. Salkeld, K.V. Ivanovskikh, M.F. Reid, J.-P.R. Wells, R.J. Reeves, Excitons and interconfigurational transitions in $CaF_2:Yb^{2+}$ crystals, *Journal of Luminescence*, 158 (2015) 197-202. Link

20) E. Cavalli, I. Esposito, M. Bettinelli, A. Speghini, K.V. Ivanovskikh, R.B. Hughes-Currie, M. de Jong, YAG:Pr^{3+} transparent ceramics for applications in photonics: synthesis and characterization, *Materials Research Express*, 1 (2014) 045903. Link

21) M. Trevisani, K. Ivanovskikh, F. Piccinelli, M. Bettinelli, Synchrotron Radiation Study of Interconfigurational 5d–4f Luminescence of Pr^{3+} in $KLuP_2O_7$, *Zeitschrift für Naturforschung B*, 69b (2014) 205-209. Link

22) M. Trevisani, K.V. Ivanovskikh, F. Piccinelli, M. Bettinelli, Fast 5d-4f luminescence in Pr^{3+}-doped $KLu(PO_3)_4$, *Journal of Luminescence*, 152 (2014) 2-6. Link

23) M. Trevisani, K.V. Ivanovskikh, M.O. Ramirez, P. Molina, E.G. Villora, K. Shimamura, L.E. Bausá, M. Bettinelli, VUV–UV 5d–4f interconfigurational transitions of Nd^{3+} in $BaMgF_4$ ferroelectric crystals, *Journal of Luminescence*, 153 (2014) 136-139. Link

24) R.B. Hughes-Currie, A.J. Salkeld, K.V. Ivanovskikh, M.F. Reid, J.-P.R. Wells, R.J. Reeves, Excitons and interconfigurational transitions in $CaF_2:Yb^{3+}$ crystals, *Journal of Luminescence*, 158 (2015) 197-202. Link

25) C.-G. Ma, M. Trevisani, F. Piccinelli, K.V. Ivanovskikh, M. Bettinelli, M.G. Brik, Analysis of vacuum ultraviolet electronic spectra of Ce^{3+} and Pr^{3+} ions in $Ca_3Lu(PO_4)_3$: crystal-field calculations and simulation of optical spectra, *Journal of Physics: Cond. Mat.*, 25 (2013) 165503. Link

26) M. Trevisani, K.V. Ivanovskikh, N. Grillet, F. Piccinelli, M. Bettinelli, Structural characterisation and time-resolved luminescence spectroscopy of nanocrystalline X2-$Lu_2SiO_5:Pr^{3+}$ powders, *Chem. Phys. Letters*, 565 (2013) 80-85. Link

27) K.V. Ivanovskikh, J.M. Ogieglo, A. Zych, C.R. Ronda, A. Meijerink, Luminescence temperature quenching for Ce^{3+} and Pr^{3+} d-f emission in YAG and LuAG, *ECS Journal of Solid State Sci. and Technology*, 2 (2013) R3148-R3152. Link

28) M. Trevisani, K.V. Ivanovskikh, F. Piccinelli, A. Speghini, M. Bettinelli, Interconfigurational 5d→4f luminescence of Ce^{3+} and Pr^{3+} in $Ca_3Lu(PO_4)_3$, *Journal of Physics: Cond. Mat.*, 24 (2012) 385502. Link

29) J.M. Ogieglo, A. Zych, K.V. Ivanovskikh, T. Jüstel, C.R. Ronda, A. Meijerink, Luminescence and energy transfer in $Lu_3Al_5O_{12}$ scintillators co-doped with Ce^{3+} and Tb^{3+}, *The Journal of Physical Chemistry A*, 116 (2012) 8464-8474. Link

30) K.V. Ivanovskikh, A. Meijerink, F. Piccinelli, A. Speghini, C. Ronda, M. Bettinelli, VUV spectroscopy of $Ca_3Sc_2Si_3O_{12}:Pr^{3+}$: scintillator optimisation by co-doping with Mg^{2+}, *ECS Journal of Solid State Science and Technology*, 1 (2012) R127-R130. Link

31) M. Trevisani, K.V. Ivanovskikh, F. Piccinelli, A. Speghini, M. Bettinelli, Fast UV luminescence of Pr^{3+}-doped calcium lutetium whitlockite, *ECS Transactions*, 41 (2012) 11-17. Link

32) C. Pedrini, A. Belsky, K.V. Ivanovskikh, A.G. Petrosyan, R.V. Sargsyan, I. Kamenskikh, Cerium-, praseodymium- and terbium-trapped excitons in oxides, *Chem. Phys. Letters*, 515 (2011) 258–262. Link

33) K. Ivanovskikh, A. Meijerink, C. Ronda, F. Piccinelli, A. Speghini, M. Bettinelli, Fast UV luminescence in Pr^{3+}-doped eulytite double phosphates, *Optical Materials*, 34 (2011) 419–423. Link

34) K.V. Ivanovskikh, A. Meijerink, F. Piccinelli, A. Speghini, E.I. Zinin, C. Ronda, M. Bettinelli, Optical spectroscopy of $Ca_3Sc_2Si_3O_{12}$, $Ca_3Y_2Si_3O_{12}$ and $Ca_3Lu_2Si_3O_{12}$ doped with Pr^{3+}, *Journal of Luminescence*, 130 (2010) 893–901. Link

35) F. Piccinelli, A. Speghini, K. Ivanovskikh, A. Meijerink, C. Ronda, M. Bettinelli, UV and Visible Luminescence of Pr^{3+} Doped Oxides: New Materials, MRS Proceedings 2008, 1111 (2009) D08-07.

36) K.V. Ivanovskikh, V.A. Pustovarov, A. Smirnov, B.V. Shulgin, Excitation of inter- and intraconfigurational luminescence of trivalent rare earth ions in strontium fluoride crystals. *Journal of Alloys and Compounds*, 451 (2008) 65-67. Link

37) K.V. Ivanovskikh, V.A. Pustovarov, M. Kirm, B.V. Shulgin, Luminescent VUV spectroscopy of Er^{3+} and Tm^{3+} ions in strontium fluoride crystals, *Journal of Luminescence*, 122-123 (2007) 28-31. Link

38) K.V. Ivanovskikh, V.A. Pustovarov, B.V. Shulgin, Time-resolved luminescent VUV-spectroscopy of pure and doped by rare earth ions crystals of strontium fluoride. *Nuclear Instr. Methods in Phys. Res. A*, 543 (2005) 229-233. Link

39) K.V. Ivanovskikh, V.A. Pustovarov, M. Kirm, B.V. Shulgin, Time-resolved vacuum ultraviolet spectroscopy of Er^{3+} ions in the SrF_2 crystals, *Journal of Applied Spectroscopy*, 72 (2005) 564-568. Link

40) K.V. Ivanovskikh, V.A. Pustovarov, B.V. Shulgin, M. Kirm, Low-temperature time-resolved VUV luminescence spectroscopy of $SrF_2:Er^{3+}$ crystals, *Physics of the Solid State*, 47 (2005) 1446–1449. Link

41) K.V. Ivanovskikh, V.A. Pustovarov, M. Kirm, B.V. Shulgin, Excitation and relaxation of high-energy localized states of rare earth ions doped into strontium fluoride crystals, *Izvestiya vuzov. Fizika. 49 Supplement (2006)* 61-64. Link

42) K.V. Ivanovskikh, V.A. Pustovarov, B.V. Shulgin, M. Kirm, VUV luminescence of Nd^{3+}, Er^{3+}, Tm^{3+} ions in SrF_2 crystals, *Poverkhnost'*, 10 (2005) 35-39. (In Russian). Link

43) B.V. Shulgin, V.L. Petrov, V.A. Pustovarov, V.I. Arbuzov, D.V. Raykov, K.V. Ivanovskikh, A.V. Ishchenko, Scintillation neutron detectors based on ^{6}Li-silica glass doped with cerium, *Physics of the Solid State*, 47 (2005) 1464–1467. Link

44) K.V. Ivanovskikh, V.A. Pustovarov, M. Kirm, B. Shulgin, Vacuum ultraviolet excitation of rare-earth ion luminescence in strontium fluoride crystals, *Rus. Physics Journal*, 48 (2005) 984-989. Link

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List of Documents

1. Covering Letter
2. Program Proposal
3. Program sanctioned Letter by Statutory Bodies
4. Budget estimation for the Program
5. Schedule of Program
6. Details of organizing committee
7. Details of Guest Speakers /Trainers
8. Invitation letters to Guest Speaker
9. List of participants registered for the Program
10. Session Summary Report
11. Session feedback and outcomes
12. Resources details
13. Sample Certificates
14. Thanks letter to Guest Speaker / Appreciation Letter
15. Expenditure details
16. Publicity details - Cutouts of Newspapers if any

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Covering Letter

Date :31/05/2021

To,

The Principal,

P.R.Pote(Patil) College of Engineering and Management,

Amravati

Subject: Request for Approval and sanctioning budget of Short Term Training Programme on "COGNITIVE AND TECHNICAL SKILL FOR MODERN CLASSROOM DELIVERY" organized by the Department of Applied Science and Humanities.

R/Sir,

A proposal with above mentioned subject, the Department of Applied Science and Humanities is organizing one week online Short-Term Training Programme (self-finance) on "COGNITIVE AND TECHNICAL SKILL FOR MODERN CLASSROOM DELIVERY" schedule from 21 -26 June 2021. The detailed copies of STTP proposal and estimated budget are attached herewith for your kind perusal.

You are kindly requested to approve and sanction the estimated budget for proposed short term training programme.

(Dr. S. A. Khapre)
Assistant Professor

(Dr. S. P. Shahare)
Assistant Professor,
STTP Convener

Encl:

- STTP Proposal
- Budget Estimate

Budget Estimate (only for External Speaker)

Sr.No.	Particulars	Amount (Rs.)
1	Day 1- Lecture (Honorarium- Speaker 1)	3000/-
2	Day 2- Lecture (Honorarium- Speaker 2)	2000/-
3	Day 3- Lecture (Honorarium- Speaker 3)	3000/-
4	Day 4- Lecture (Honorarium- Speaker3)	3000/-
5	Day 5- Lecture (Honorarium- Speaker 4)	2000/-
6	Day 6- Lecture (Honorarium- Speaker5)	3000/-
7	ISTE Registration fee	1180/-
	Total Amount (Rs.)	**17180/-**

(Dr. S. A. Khapre)
Assistant Professor

(Dr. S. P. Shahare)
Assistant Professor,
STTP Convener

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INDIAN SOCIETY FOR TECHNICAL EDUCATION

FOUNDED 1968

SHORT-TERM TRAINING PROGRAMMES (STTPs)
(Self-Financed)

PROFORMA FOR SENDING PROPOSALS

(For Chapters of Indian Society for Technical Education)

(To be filled in by Coordinator)

1	Name and Address of Host Institution with Pin code	**Address:**P. R. Pote (Patil) Education & Welfare Trust's Group of Institutions College of Engineering & Management, Amravati, Maharashtra State Pin Code : 444203 Phone: 0721-2530342 Fax : 072102530341 Email:principal@prpcem.org, prpotepatilcollege@gmail.com	
2	Title of the Programme (This should convey the content & main thrust of the programme)	**ONLINE STTP ON "COGNITIVE AND TECHNICAL SKILL FOR MODERN CLASSROOM DELIVERY"**	
3	The Programme is intended for (Tick one only)	•√ Teachers • Working Professionals • Others (specify) (Research Scholars)	
4	Name, Designation and Address of the Course Coordinator(s) (One Coordinator preferred. More than two not permissible)	**Dr. Shilpa A. Khapre**, Assistant Professor, Department of Applied Science and Humanities. P. R. Pote (Patil) College of Engg., & Mgmt., Amravati	**Dr. Sarika P. Shahare** Assistant Professor, Department of Applied Science and Humanities. P. R. Pote (Patil) College of Engg., & Mgmt., Amravati
	Telephone, Mobile & Email of the Coordinator(s)	+919834358486 satatte@gmail.com	+918830282744 sarikashahare83@gmail.com
	Highest Qualification of Coordinator(s)	Ph.D. (Mathematics.)	Ph.D. (Mathematics.)
	Area of Specialization	Integral Transform	Relativity
	Teaching Experience (years)	16Years	13Years
	Industry Experience (years)	-	-
	Number of papers published	25	10
	Number of Short-Term Courses of Summer/Winter Schools attended	07	07

	Number of Short-Term Courses of Summer/Winter Schools conducted earlier	-	-
5	Specialization area for which the proposal is made (tick one only)	•Civil • Mechanical • Electrical •Electronics • Computer Science • Pharmacy • Architecture	√•Basic Sciences (Specify subject) •Interdisciplinary (Specify areas covered) • Others (specify)
6	The course is basically (Tick one only)	• Subject updating course √• Special course on Emerging areas • Pedagogy • Other (Specify)	
7	Whether the proposal covers any of the categories indicated (Tick one only)	• Industry-based programmes with substantial involvement of industry and its experts √• Education Technology/Methodology of teaching • Training for technical supporting staff √• Emerging Area • Others (specify)	
8	Duration of the programme (Tick one only)	√• One week (minimum 5 working days) • Two weeks (minimum 10 working days) • Three weeks (minimum 15 working days) • Four weeks (minimum 20 working days)	
9	Proposed dates for the Programme which may be changed later, if required	**From: 21/06/2021 To 26/06/2021**	
10	Do you have enough expertise within your institute and neighbouring places to offer the course satisfactorily? If NO, list the names and addresses of outside faculty needed. At least one faculty from IITs or NIITs	• Yes 1. Mr. R. D. Sushir, Professor, PRPCEM, Amravati 2. Mr..A.R.Pawade, Assistant Professor, PRPCEM, Amravati	• NO Name of faculty from other Institutes 1. Dr. Nilesh Ugemuge 2. Mr.Abhishek Acharya 3 .Prof. Nitin Patil Director, IT Cell Assistant Professor, Department of computer science Savitribai Phule Pune University
COURSE DETAILS			

1	Significance & Objectives of the programme (list one or two major objectives)	This STTP is to provide Knowledge on new emerging technologies and hands on same. The lectures will be delivered by distinguished experts in ICT tools. This one-week short term course will include expert talks & hands on training on ICT tools. **Objectives of STTP** • To get acquainted with Moodle - LMS. • To develop the technical skills for effective teaching learning process with the help of modern ICT tools . • To Enhance higher order thinking skills amongst teachers • To create active learning in the classroom using ICT tools. • To develop learning objectives for students • To write effective assessment questions and outcome-based evaluation • To evaluate effectiveness of teaching strategies
2	Course Content/Coverage (List 5 to 8 major topics with proposed duration of coverage in hours for each topic)	**Topics** — **Duration** 1. Role of ICT in Education — 3 Hrs. 2. Hands-on for effective use of ICT tools in Engineering Education. — 3 Hrs. 3. Moodle: An E-Learning Management System(Part-I) — 3 Hrs. 4. Moodle: An E-Learning Management System(Part-I) — 3 Hrs. 5. Role of Virtual Lab in Online Teaching Learning — 3 Hrs 6. Creating video Lectures....Camtasia — 3 Hrs
3	Course Schedule	Total working days = **6 days** Lecture =18 hrs. Laboratory/Practical =0 hrs. Industrial/Field Visits = 0 hrs. Others (specify)=hrs. **Total hours engaged =18hrs.**
4	Details of special equipment or laboratory facilities available for the course	Online Zoom platform
5	Collaboration with industry/ other institutions/ departments (indicate name of organization, nature of collaboration and experts involved)	NIL

6	**Details of Course Faculty (List details of faculty)**			
Sl.No	**Name & Designation**	**Institute**	**Highest Qualification**	**Field of Interest/Specialization**
1	Dr. Nilesh Ugemuge	Anand Nikent science college warora Anan wan, Chandrapur	Ph.D.	AppliedPhysics,Glasses, polymers

2	Mr.. Abhishek Acharya	DIZVIZ Production House, Chandrapur	PG.	Computer science , Animetation
3	Prof. Nitin Patil	Department of computer science Savitribai Phule Pune University	PG	Computer Science, System Programming, IT infrastructure developer, LMS expert
4	Prof. P. V. Kale	PRPCEM, Amravati	M.E.	Computer Engineering,
5	Mr..A.R.Pawade	PRPCEM, Amravati	M.E.	Electronics Engineering
6	Audio visual facilities available (Tick relevant ones)		√• Over Head Projector √• Slide Projector • 16/35 mm film Projector √• Video System • Others (specify)	
7	ISTE Institutional Membership No. of your Institute		ISTE-IM-2426	
8	Does your institution have an ISTE Chapter? (a) If no, will it make minimum 25 members of ISTE		√• Yes • yes	• No • No

I certify that the details given above are correct to the best of my knowledge and belief and I will organize the programme satisfactorily if approved. I also promise that I will abide by the terms and conditions contained in the ISTE Proceedings and submit the Final Report with Processing and operational expense to ISTE within 15 days after completion of the Programme.

Place: Amravati

Date: 31/05/2021

Signature of Coordinator with Name
(Dr. S. A. Khapre) (Dr. S. P. Shahare)

I agree to provide all necessary assistance and facilities of the institute for the conduct of the above programme.

Place: Amravati
Date: 31/05/2021

Signature of Principal/Director with Name
(Dr. A. V. Kale)/(Dr. S. A. Ladke)

भारतीय तकनीकी शिक्षा संस्था
INDIAN SOCIETY FOR TECHNICAL DUCATION
(Under the Societies' Registration Act XXI of 1860)

Prof. Vaidya Vijay Dattatray
Executive Secretary

ISTE/Proceedings/Online STTP-SF-MAH-018/2021-22 June 03, 2021

Proceedings of Executive Secretary, ISTE

Sub. : Sanction to conduct full time Short-term Training Programme on Self-financing basis for the financial year 2021-2022.

Sanction is hereby accorded to the following institution for the conduct of the Online/SF-STTP/FDP programme indicated below:

Name of Institution	:	P.R. Pote (Patil) Education & Welfare Trust's of Group of Instt. College of Engg. & Mgt. Amravati – 444 203
Topic	:	Cognitive Technical Skill for Modern Classroom Delivery
Name & Address of Coordinators	:	Dr. Shilpa A. Khapre, Asst. Prof. / Dr. Sarika P. Shahare, Asst. Prof.
Duration	:	One Week (Minimum 05 Working Days)
Proposed dates	:	21-06-2021 to 26-06-2021

Terms and Conditions

The institution offering the Programmes should be approved by AICTE and must be Institutional Member of ISTE. Institutions having ISTE Faculty Chapter and Students Chapter shall be preferred. There will be no financial commitment on the part of ISTE on account of this programme. The fee of one **proposal is Rs. 1180/- (Incl. 18% GST)** paid by DD in favour of ISTE New Delhi along with proposal or by NEFT/RTGS in the following ISTE Account **(Name of Account: ISTE Membership Fee, Account No: 6707247614 Bank: Indian Bank IFSC Code: IDIB000M089 Branch: Mehrauli Road New Delhi).**

1 This will be a online program of the duration of 1 week/2 weeks/4 weeks.

2 The registration fee of the participants may be fixed by the host institution.

3 ISTE Life membership is necessary for participants to attend SF programmes. However, If any participant is not having life membership he/she may take the membership of ISTE before the starting of the course and apply by paying the fee to the course coordinator at the spot before the commencement of the programme. The Life Membership fee is Rs. 3540/- (Incl. 18% GST) to be paid by DD in favour of ISTE New Delhi or by NEFT/RTGS as per above Account details.

--/-2

4 The final report as mentioned in these guidelines is to be submitted online to ISTE within 15 days after completion of the Programme.

5 The institute should ensure that the Resource Persons should be well known personalities having thorough knowledge and he/she should be from an Institute or Industry.

6 **Since it is an Online program, e-Certificate to ISTE Life Members will be issued by ISTE from this office. Operational and processing fee of Rs. 100 +18% GST (Total Rs. 118/-) will be charged per participant. Institute conducting the program will collect the fee from participants and will send it to ISTE by DD or NEFT/RTGS with list of participants with their ISTE Life Membership Number. Institute conducting on line program will not issue Certificates with ISTE logo to Participants. Course coordinator is requested to ensure the same and attach payment proof or UTR number.**

7 **At least one test at the end is to be conducted to judge the performance of participants. Institute can conduct more test, if they desire. Attendance and successful completion of Test conducted is mandatory to receive certification by ISTE. Co Ordinator should ensure this while submitting list of participants to ISTE.**

8 **The Digital e-certificates to eligible participants will be sent by ISTE Delhi through organizing Institute.** The certificate contains the ISTE logo at the top . The digitally signed e-certificates will bear the Signatures of Executive Secretary, ISTE.

9 Above terms and conditions are applicable to Online Programs only.

Executive Secretary

To,

The Principal
P.R. Pote (Patil) Education & Welfare Trust's Group of
Institutions College of Engineering & Management
Amravati – 444 203
Maharashtra State

Copy to:

Dr. Shilpa A. Khapre
Coordinator
P.R. Pote (Patil) Education & Welfare Trust's Group of
Institutions College of Engineering & Management
Amravati – 444 203
Maharashtra State

Guidelines to be followed for Online Programme

Immediately after approval from ISTE

- Link of FDP program brochure or template.
- Link of registration for faculties.
- Details of the program, day-wise
- List of Resource persons
- Topic and the outcome expected post the event

Before one of the session:-

- Response sheet of participants received for considering total number of participant.

From Day 1 to till end every day before and after session (day)

- Link of invitation of every session with password for joining.
- Attendance in respective online tools of attendee in screen shot or other format.
- Output response/ any test conducted every day or end of the FDP.
- Final results
- Response sheet of feedback of attendees on last day

Post the conduct of the event, the institute will submit the **outcomes achieved from the program.**

SHARE A GOOGLE DRIVE LINK with ISTE IN WHCIH INSTITUTE WILL UPDATE THE THINGS ON DAILY BASIS.

P. R. Pote (Patil) College of Engineering & Management, Amravati
Department of Applied Science and Humanities
ISTE Sponsored

Online STTP on
"Cognitive Technical Skills for Modern Classroom Delivery"
(From: 21/06/2021 To 26/06/2021)

Budget estimation for the program

Sr. No	Particulars	Amount (Rs.)
1	ISTE Sponsorship Fees	1180/-
2	Day 1- Lecture (Honorarium- Speaker 1)	3000/-
3	Day 2- Lecture (Honorarium- Speaker 2)	2000/-
4	Day 3- Lecture (Honorarium- Speaker 3)	3000/-
5	Day 4- Lecture (Honorarium- Speaker3)	3000/-
6	Day 5- Lecture (Honorarium- Speaker 4)	2000/-
7	Day 6- Lecture (Honorarium- Speaker5)	3000/-
Total Budget		17,180/-

(Dr. S. A. Khapre)
Assistant Professor

(Dr. S. P. Shahare)
Assistant Professor,

STTP Coordinator

P. R. Pote (Patil) College of Engineering & Management, Amravati ISTE

Sponsored 70

Online STTP on "Cognitive Technical Skills for Modern Classroom Delivery"

(From: 21/06/2021 to 26/06/2021)

06

Program Conduction Schedule

Sr. No	Topic	Date	Name of Resource Person
1	Role of ICT in Education	21/06/2021 Monday **(Day-01)**	Dr. Nilesh Ugemuge Assistant Professor, Department of Physics, ANC, Warora
2	Developing ICT Competency for Engineering Education through Blended Training.	22/06/2021 Tuesday **(Day-02)**	Mr. A. R. Pawade Assistant Professor, PRPCEM, Amravati
3	Moodle: An E-Learning Management System(Part-I)	23/06/2021 Wednesday **(Day-03)**	.Prof. Nitin Patil Director, IT Cell Assistant Professor, Department of computer science Savitribai Phule Pune University
4	Moodle: An E-Learning Management System(Part-II)	24/06/2021 Thursday **(Day-04)**	.Prof. Nitin Patil Director, IT Cell Assistant Professor, Department of computer science Savitribai Phule Pune University
5	Role of Virtual Lab in Online Teaching Learning.	25/06/2021 Friday **(Day-05)**	Prof. P. V. Kale Assistant Professor, PRPCEM, Amravati
6	Creating Video Lectures.... Camtasia	26/06/2021 Saturday **(Day-06)**	Mr. Abhishek Acharya CEO,DIZVIZ Production House, Chandrapur

Time of STTP: 12.00 Noon

P. R. Pote (Patil) College of Engineering & Management, Amravati

Department of Applied Science and Humanities 71

ISTE Sponsored

Online STTP on

"Cognitive Technical Skills for Modern Classroom Delivery"

(From: 21/06/2021 To 26/06/2021)

Details of Organizing Committee

Sr. No	Organizing Committee
1	**Dr. Amol D. Bhoyar ,** H. O. D. , Department of Applied Science and Humanities, P. R. P. C. E. M. Amravati STTP Convenor
2	**Dr. Shilpa A. Khapre ,** Academic Incharge, Department of Applied Science and Humanities, P. R. P. C. E. M. Amravati STTP Convenor
3	**Dr. Sariks P. Shahare ,** Department of Applied Science and Humanities, P. R. P. C. E. M. Amravati STTP Convenor

P. R. Pote (Patil) College of Engineering & Management, Amravati

Department of Applied Science and Humanities 72

ISTE Sponsored

Online STTP on

"Cognitive Technical Skills for Modern Classroom Delivery"

(From: 21/06/2021 To 26/06/2021)

Details of Guest speakers

Sr. No	Name of Resource Person	PHONE NUMBER AND MAIL-ID
1	**Dr. Nilesh Ugemuge** Assistant Professor, Department of Physics, ANC,Warora	nileshugemuge@gmail.com 9175786330
2	**Mr. A. R. Pawade** Assistant Professor, PRPCEM, Amravati	aniket.pawade@gmail.com 9403389775
3	**Prof. Nitin Patil** Director, IT Cell Assistant Professor, Department of computer science Savitribai Phule Pune University	npatil@unipune.ac.in nitindocs@gmail.com 9763758296
4	Prof. Nitin Patil Director, IT Cell Assistant Professor, Department of computer science Savitribai Phule Pune University	npatil@unipune.ac.in nitindocs@gmail.com 9763758296
5	Prof. P. V. Kale Assistant Professor, PRPCEM, Amravati	prachivkale@gmail.com 917507182697
6	Mr. Abhishek Acharya CEO,DIZVIZ Production House, Chandrapur	abhishek.dizviz@gmail.com 9326976946

P. R. Pote Patil Edu. & Welf. Trust's, Group of Institutions
College of Engineering & Management, Amravati
(Recognized by AICTE, New Delhi, DTE, Mumbai & Affiliated to SGBAU, Amravati)
Pote Estate, Pote Patil Road, Kathora, Amravati. (Maha rashtra
Ph. No. 0721-2530342, 44, 2530089 Fax No. : 0721-2530 341
Email : prpotepatilcollege@gmail.com

Ref. :STTP/INV/outward/20/14-6-21

Date : 14-06-21

To,

Prof. P. V. Kale
Assistant Professor,
PRPCEM, Amravati

Subject: Nomination as Expert Speaker for ISTE-STTP on **"Cognitive Technical Skills for Modern Classroom Delivery"**

Dear Sir,

It gives us immense pleasure to inform you that for the overall benefits of the academic community, the Department of **Applied Science and Humanities** of **P.R.P.C.E. & M., Amravati** is organizing One Week Online Short-Term Training Program w.e.f. **21st June to 26th June 2021**, On **"Cognitive Technical Skills for Modern Classroom Delivery".**

We would be highly honored if you can spare some time from your busy schedule to deliver the session. Your expertise and knowledge in the area would add a great value to the technical sense of one and all, especially for young faculty and academicians of the country who require the appropriate guidance to lead their department and Institution.

With your vast and in-depth knowledge in the area, we would request you to kindly accept our invitation. The tentative schedule of this STTP is attached herewith. The duration of presentation is a maximum of 1.30 hours followed by question-and-answer sessions.

We look forward to your presence and guidance.

Mode of Webinar: - Online Using Zoom Platform

Thanking you

With Best Regards,

Dr. S. A. Khapre Dr.S.P.Shahare
STTP Coordinators

Dr.A.D.Bhoyar
HOD

~~Dr.~~ A. V. Kale
Principal

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College of Engineering & Management, Amravati
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Pote Estate, Pote Patil Road, Kathora, Amravati. (Maharashtra
Ph. No. 0721-2530342, 44, 2530089 Fax No. : 0721-2530341
Email : prpotepatilcollege@gmail.com

Ref. : STTP/INV./Outward/20/14/06/2021 Date : 14/06/20

To,

Prof. Nitin Patil
Director, IT Cell
Assistant Professor,
Department of computer science
Savitribai Phule Pune University

Subject: Nomination as Expert Speaker for ISTE-STTP on "**Cognitive Technical Skills for Modern Classroom Delivery**"

Dear Sir,

It gives us immense pleasure to inform you that for the overall benefits of the academic community, the Department of **Applied Science and Humanities** of **P.R.P.C.E. & M., Amravati** is organizing One Week Online Short-Term Training Program w.e.f. **21st June to 26th June 2021**, On **"Cognitive Technical Skills for Modern Classroom Delivery".**

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Thanking you

With Best Regards,

Dr. S. A. Khapre Dr.S. P. Shahare
STTP Coordinators

Dr.A. D.Bhoyar
HOD

Dr. A. V. Kale
Principal

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P. R. Pote Patil Edu. & Welf. Trust's, Group of Institutions,
College of Engineering & Management, Amravati
(Recognized by AICTE, New Delhi, DTE, Mumbai & Affiliated to SGBAU, Amravati)
Pote Estate, Pote Patil Road, Kathora, Amravati. (Maharashtra)
Ph. No. 0721-2530342, 44, 2530089 Fax No. : 0721-2530341
Email : prpotepatilcollege@gmail.com

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Ref : STTP/INV./Outward/20/14-6-21

Date : 14/06/2021

To,

Dr. Nilesh Ugemuge
Assistant Professor,
Department of Physics,
ANC, Warora

Subject: Nomination as Expert Speaker for ISTE-STTP on "**Cognitive Technical Skills for Modern Classroom Delivery**"

Dear Sir,

It gives us immense pleasure to inform you that for the overall benefits of the academic community, the Department of **Applied Science and Humanities** of **P.R.P.C.E. & M., Amravati** is organizing One Week Online Short-Term Training Program w.e.f. **21st June to 26th June 2021**, On **"Cognitive Technical Skills for Modern Classroom Delivery"**.

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Thanking you

With Best Regards,

Dr. S. A. Khapre Dr.S.P.Shahare
STTP Coordinators

Dr.A.D.Bhoyar
HOD

Dr. A. V. Kale
Principal

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"Shri Gajanan Maharaj Prasanna"

P. R. Pote Patil Edu. & Welf. Trust's, Group of Institutions,
College of Engineering & Management, Amravati
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Pote Estate, Pote Patil Road, Kathora, Amravati. (Maharashtra)
Ph. No. 0721-2530342, 44, 2530089 Fax No. : 0721-2530341
Email : prpotepatilcollege@gmail.com

Ref. : STTP/INV./Outward/20/14-6-21

Date : 14/06/2021

To,

Mr. A. R. Pawade
Assistant Professor,
PRPCEM, Amravati

Subject: Nomination as Expert Speaker for ISTE-STTP on **"Cognitive Te** 21/05/21
Modern Classroom Delivery"

Dear Sir,

It gives us immense pleasure to inform you that for the overall benefits of the academic community, the Department of **Applied Science and Humanities** of **P.R.P.C.E. & M., Amravati** is organizing One Week Online Short-Term Training Program w.e.f. **21st June to 26th June 2021**, On **"Cognitive Technical Skills for Modern Classroom Delivery".**

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Dr. S. A. Khapre Dr.S.P.Shahare
STTP Coordinators

Dr.S.D.Bhoyar
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Dr. A. V. Kale
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"Shri Gajanan Maharaj Prasanna"

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Pote Estate, Pote Patil Road, Kathora, Amravati. (Maharashtra)
Ph. No. 0721-2530342, 44, 2530089 Fax No. : 0721-2530341
Email : prpotepatilcollege@gmail.com

Ref.: STTP/JNV./Outward/20/14/6/2021 Date: 14/06/202

To,

Mr. Abhishek Acharya
CEO, DIZVIZ Production House,
Chandrapur

Subject: Nomination as Expert Speaker for ISTE-STTP on "**Cognitive Technical Skills for Modern Classroom Delivery**"

Dear Sir,

It gives us immense pleasure to inform you that for the overall benefits of the academic community, the Department of **Applied Science and Humanities** of **P.R.P.C.E. & M., Amravati** is organizing One Week Online Short-Term Training Program w.e.f. **21st June to 26th June 2021**, On **"Cognitive Technical Skills for Modern Classroom Delivery".**

We would be highly honored if you can spare some time from your busy schedule to deliver the session. Your expertise and knowledge in the area would add a great value to the technical sense of one and all, especially for young faculty and academicians of the country who require the appropriate guidance to lead their department and Institution.

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We look forward to your presence and guidance.

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Thanking you

With Best Regards,

Dr. S. A. Khapre Dr.S. P. Shahare
STTP Coordinators

Dr.A. D.Bhoyar
HOD

Dr. A. V. Kale
Principal

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ISTE Approved

Short Term Training Program (STTP)

On

"COGNITIVE TECHNICAL SKILLS FOR MODERN CLASSROOM DELIVERY"

Organized by

Department of Applied Science & Humanities

P.R.Pote (Patil) Education and Welfare Trust's Group of Institutions College of Engineering & Management, Amravati

(Recognized by AICTE, New Delhi & Affiliated to SGBAU, Amravati)

Dr. S. A.Ladhake	**Dr. A. V. Kale**	**Dr.Mohd. Zuhair**
Director	**Principal**	**Vice Principal**

STTP Convener
Dr. A. D. Bhoyar

STTP COORDINATOR
Dr. S. A. Khapre
Dr. S. P. Shahare

The Short-Term Training Program on "Cognitive Technical Skills for Modern Classroom Delivery "had been successfully organized by department of Applied Science and Humanities, of P.R.Pote(Patil)Education & Welfare Trust's College of Engineering & Management, Amravati from 21st June -26th June 2021. The self-sponsored one-week course had been organized by two faculty members: Dr. Shilpa A .Khapre and Dr. Sarika P. Shahare.

Main objective of this STTP is to make aware the Engineering faculty on how to reorient their teaching learning processes in context to ICT tools for effective classroom delivery.
To get acquainted with Moodle - LMS.

- To develop the technical skills for effective teaching learning process with the help of modern ICT tools .
- To Enhance higher order thinking skills amongst teachers
- To create active learning in the classroom using ICT tools.
- To develop learning objectives for students
- To write effective assessment questions and outcome-based evaluation
- To evaluate effectiveness of teaching strategies

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P. R. Pote (Patil) College of Engineering & Management, Amravati

ISTE Sponsored

Online STTP on "Cognitive Technical Skills for Modern Classroom Delivery"

(From: 21/06/2021 To 26/06/2021)

Program Conduction Schedule

Sr. No	Topic	Date	Name of Resource Person	Time
1	Role of ICT in Education	21/06/2021 Monday (Day-01)	Dr. Nilesh Ugemuge Assistant Professor, Department of Physics, ANC, Warora	12.00 noon to 2.00 pm
2	Developing ICT Competency for Engineering Education through Blended Training.	22/06/2021 Tuesday (Day-02)	Mr. A. R. Pawade Assistant Professor, PRPCEM, Amravati	12.00 noon to 2.00 pm
3	Moodle: An E-Learning Management System(Part-I)	23/06/2021 Wednesday (Day-03)	Prof. Nitin Patil Director, IT Cell Assistant Professor, Department of computer science Savitribai Phule Pune University	12.00 noon to 2.00 pm
4	Moodle: An E-Learning Management System(Part-II)	24/06/2021 Thursday (Day-04)	Prof. Nitin Patil Director, IT Cell Assistant Professor, Department of computer science Savitribai Phule Pune University	12.00 noon to 2.00 pm
5	Role of Virtual Lab in Online Teaching Learning.	25/06/2021 Friday (Day-05)	Prof. P. V. Kale Assistant Professor, PRPCEM, Amravati	12.00 noon to 2.00 pm

6	Creating Video Lectures....Camtasia	26/06/2021 Saturday (Day-06)	Mr. Abhishek Acharya CEO,DIZVIZ Production House, Chandrapur	12.00 noon to 2.00 pm

P. R. Pote (Patil) College of Engineering & Management, Amravati ISTE Sponsored
Online STTP on "Cognitive Technical Skills for Modern Classroom Delivery"
(From: 21/06/2021 To 26/06/2021)

Day Wise Links

Day 01 - Link

P. R. Pote Patil Group Amravati is inviting you to a scheduled Zoom meeting.

For "One Week STTP on "Cognitive Technical Skills for Modern Classroom Delivery"

Day 1: Resource Person
Dr. Nilesh Ugemuge
Assistant Professor, Department of Physics, ANC,Warora

Topic: "Role of ICT in Education"

Date :21st June 21

Time: 12:00 PM India

Join Zoom Meeting

https://us02web.zoom.us/j/85144091341?pwd=cVhVb1c3dnlUKytvcWlrbDJXSGxQQT09

Meeting ID: 851 4409 1341
Passcode: 899737

Day 02 - Link

P. R. Pote Patil Group Amravati is inviting you to a scheduled Zoom meeting.

For "One Week STTP on "Cognitive Technical Skills for Modern Classroom Delivery"

Day:-2 Resource Person
Mr. A. R. Pawade, Assistant Professor, PRPCEM, Amravati

Topic:-Developing ICT Competency for Engineering Education through Blended Training.

Date:-22nd June 21

Time:- 12:00 PM India

Join Zoom Meeting

https://us02web.zoom.us/j/85144091341?pwd=cVhVb1c3dnlUKytvcWlrbDJXSGxQQT09

Meeting ID: 851 4409 1341
Passcode: 899737

Day 03 -Link

P. R. Pote Patil Group Amravati is inviting you to a scheduled Zoom meeting.

For "One Week STTP on "Cognitive Technical Skills for Modern Classroom Delivery"

Day-3:-Resource Person
Prof. Nitin Patil Director, IT Cell Assistant Professor, Department of computer science Savitribai Phule Pune University

Topic:-Moodle: An E-Learning Management System(Part-I)

Date:-23 rd June 21

Time:-12:00 PM

Join Zoom Meeting
https://us02web.zoom.us/j/85144091341?pwd=cVhVb1c3dnlUKytvcWlrbDJXSGxQQT09

Meeting ID: 851 4409 1341
Passcode: 899737

Day 04 - Link

P. R. Pote Patil Group Amravati is inviting you to a scheduled Zoom meeting.

For "One Week STTP on "Cognitive Technical Skills for Modern Classroom Delivery"

Day-4:-Resource Person
Prof. Nitin Patil Director, IT Cell Assistant Professor, Department of computer science Savitribai Phule Pune University

Topic:-Moodle: An E-Learning Management System(Part-II)

Date:-24 th June 21

Time:-12:00 PM

Join Zoom Meeting

https://us02web.zoom.us/j/85144091341?pwd=cVhVb1c3dnlUKytvcWlrbDJXSGxQQT09

Meeting ID: 892 5680 0597
Passcode: 092595

Day 5 - Link

P. R. Pote Patil Group Amravati is inviting you to a scheduled Zoom meeting.

For "One Week STTP on "Cognitive Technical Skills for Modern Classroom Delivery"

Day:-5 Resource Person
Prof. P. V. Kale,Assistant Professor, PRPCEM, Amravati

Topic:-Role of Virtual Lab in Online Teaching Learning

Date:-25th June 21

Time:-12:00 PM

Join Zoom Meeting

https://us02web.zoom.us/j/89256800597?pwd=QkNiSnJsNC84OFRiU1VpaEF1WFBBdz09

Meeting ID: 892 5680 0597
Passcode: 092595

Day 6 - Link

P. R. Pote Patil Group Amravati is inviting you to a scheduled Zoom meeting.

For "One Week STTP on "Cognitive Technical Skills for Modern Classroom Delivery"

Day 6:- Resource Person
Mr. Abhishek Acharya,CEO,DIZVIZ Production House, Chandrapur

Topic:- Creating Video Lectures....Camtasia

Date:-26th June 21

Time:-12:00 PM

Join Zoom Meeting

https://us02web.zoom.us/j/89256800597?pwd=QkNiSnJsNC84OFRiU1VpaEF1WFBBdz09

Meeting ID: 892 5680 0597
Passcode: 092595

P. R. Pote (Patil) College of Engineering & Management, Amravati

ISTE Sponsored

Online STTP on "Cognitive Technical Skills for Modern Classroom Delivery"

(From: 21/06/2021 To 26/06/2021)

Participants Fees Received Details For ISTE Certificate

Sr. No	Name of Participant	College Name	ISTE Membership Number	Email Id	Contact Number
1	Mr. Ashish R. Sonekar	P. R. Pote (Patil) Group of Educational Institutes College of Engineering & Management, Amravati	LM 124380	ashish.sonekar@gmail.com	9552877200
2	Mahesh Madhukar Janolkar	Prof Ram Meghe College of Engineering and Management , Badnera	LM 103459	maheah.janolkar@prmceam.ac.in	9028125872
3	Shinde Suryakant Popat	S.V.P.M's College Of Engineering Malegaon BK , Baramati , Maharashtra	LM 117185	surya.shinde2007@gmail.com	9960666404
4	Kamble Ujwala Shamrao	Government Residence women Polytechnic Tasgaon	LM 126137	kujjawala@gmail.com	9766252441
5	Lovely S. Mutneja	PRMCEAM	LM 126728	lmutneja@gmail.com	9960784000
6	Parnal Prakash Pawade	P. R. Pote Patil College of Engineering & Management Amravati	LM124215	kparnal2020@gmail.com	8149870522
7	Dr. Sarika Prakash Shahare	P.R.Pote Patil College of Engineering and Management Amravati	LM77013	prpcemsps@gmail.com	8830282744
8	Milind K. Tatte	Government Polytechnic	LM123071	tatte07@gmail.com	8668383225
9	Dr. Sanjay B. Warkad	P R Pote Patil College of Engineering Amravati	LM22510	sbwarkad@gmail.com	8830401353
10	Dr. P. Asha	Sathyabama Institute of Science and Technology	LM124095	asha.cse@sathyabama.ac.in	9944992337
11	Dr Jaishri B. Veeagoudar	KLE Dr M.S.Sheshgiri college of Engineering and Technology	LM125248	jaishriv15@gmail.com	9741262275
12	A. Netto Mertia	VESIT	LM 118710	netto.mertia@ves.ac.in	9022770432
13	Prof. Asha D Jadhav	K J College of Engineering & Mgt Research	LM118857	ashagaikwad2008@gmail.com	9011046220

14	Dr. Shilpa A. Khapre	P.R.Pote College of Engineering and Management	LM76993	satatte@gmail.com	9834358486
15	Prof. Suryakant Bhonge	P.R.Pote College of Engineering and Management	LM103674	suryakant.bhonge@gmail.com	9096015952
16	Dr.N.A.Patil	Shri Sant Gajanan Maharaj College of Engineering Shegaon	LM13514	napshegaon@rediffmail.com	09421752627
17	Dr. Amol D. Bhoyar	P.R.Pote College of Engineering and Management	LM107597	adbprpcem@gamil.com	9423623933
18	**Dr.G.D.Dalvi**	P.R.Pote College of Engineering and Management	LM77022	gddalvi09@gmail.com	9673563078

Program Details

The course commenced with Inaugural Functionon 21st June online with the benign presence of Chief Guest Dr. S. A. Ladhake, Director of PRPGEI, and a Guest of Honour Dr. A. V. Kale, Principal, P. R. Pote (Patil) College of Engineering & Management, Amravati and STTP Coordinators Dr. S. B. Warkad & Dr. G. D. Dalvi and various participants from intra as well as inter colleges.

The ceremony started with a welcome of Chief Guest.LaterChiefGuestofficiallyinaugurated the Program with a keynote. Program Convenor Dr.A. D. Bhoyar explained the need of arranging the STTP and its features. He also discussed the Two-week schedule of the program and highlighted the important keynote speakers.

At Day 1, session started with Speaker Dr. Nilesh Ugemuge, Assistant Professor, Department of Physics, ANC,Warora with the topic" Role of ICT in Education"He explained the various open-source ICT tools with hands-on demonstration can be useful for effective delivery.

On Day 2, session started with Speaker Mr. A. R. Pawade Assistant Professor, PRPCEM, Amravati, with the topic "Developing ICT Competency for Engineering Education through Blended Training.". He explained an active learning classroom and ICT tools with a hands on demonstration before participants.

At Day 3, session started with Speaker Prof. Nitin Patil Director, IT Cell Assistant Professor, Department of computer science Savitribai Phule Pune University, with topic "Moodle: An E-Learning Management System(Part-I).". He explained the need and importance of Moodles in teaching learning process.He also explained the significance of moodleTo create active learning in the Modern Classroom

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At Day 4, session started with Speaker Prof. Nitin Patil
Director, IT Cell
Assistant Professor, Department of computer science
Savitribai Phule Pune University, with the topic "Moodle: An E-Learning Management System(Part-II).". He explained the need and importance of Moodles in teaching learning process.He also explained the significance of moodleTo create active learning in the Modern Classroom

On Day 5, session started with Speaker Prof. P. V. Kale
Assistant Professor, PRPCEM, Amravati, with topic "Role of Virtual Lab in Online Teaching Learning.She explained an active learning classroom withVirtual Lab and ICT tools with hands on demonstration before participants. He explained nicely various uses of Virtual Lab in teaching and learning.

On Day 6, session started with Speaker Mr. Abhishek Acharya CEO,DIZVIZ Production House, Chandrapur, with the topic "Creating Video Lectures....Camtasia." He demonstrated practically ICT tools like Camtasia and openshot software and its application in engineering education.

Photographs of Online delivery.



On day 6, STTP commenced with the Objective Test Examination, in which participants were given the Test paper and asked to submit it with their responses. Further participants were asked to give genuine feedback on the organised program and asked to give fair suggestions for further improvement.

Finally, the course was formally wrapped up with the Valedictory ceremony on 26th June 2021, in the presence of participants and distinguished faculty members. The course content, its delivery and other facilities were rated adequate through online google sheet feedback of participants. In the concluding part of the ceremony,vote-of-thanks was given by Dr. A. D. Bhoyar, the Programme convener. The entire course ended with NationalAnthem.

Resource Link-

https://drive.google.com/drive/folders/1ooDuTh8wI7jlSp1Nm7eGl6NYM0kBZAva?usp=sharing

News-Media

P. R. Pote (Patil) College of Engineering & Management, Amravati ISTE Sponsored Online STTP on "Cognitive and Technical Skill for Modern Classroom Delivery" (From: 21/06/2021 To 26/06/2021)

MCQ Questions for the STTP (Quiz)

Q1. ICT stands for

Internet Connection Tools
Integrated Communication Tools
Information Communication Technology
Integrated computer Technology

Q2. Course planning us influenced by

Characteristics of students
Institutional Units
Opportunities for Learning
All of the above

Q3. VEDAMO is a

Software
Virtual classroom
Internet enabled open-source website
None of the above

Q4. ffmpeg is

Virtual classroom
Internet enabled open-source website
free and open-source software project for handling video, audio, and other multimedia files and streams.
None

Q5. The role and applications of ICT in engineering education can be

Communication
Information sharing
Simulation & Evaluation
All of the above

Q6. Virtual Labs is an _____ based education to provide easily accessible and high quality education laboratories online throughout the country in science and engineering.

Project
ICT
Collaborative
Traditional

Q.7. Virtual Lab's primary focus is to provide graduate and undergraduate college and university students with the ability to perform their required laboratory experiments using

World Wide Web
a standard computer
an Internet connection
All of the above

Q.8. ICT Tools discussed by Prof. Nitin Patil
Moodle
Vedomo, Kneura Tech
Flipgrid, Wakelet
Virtual Lab, Adopt

Q.9. With the Moodle quiz engine, it's easier to utilize educationally sound assessment strategies which would be too difficult to implement with paper and pencil.
True
False

Q.10. In ffmpeg the extension of video is
.mp3
.mp4
.mpeg
.vlc
All of the above

Q.11. ICT Tools discussed by Prof. Abhishek Aacharya
Youtube
VLC Player
Camtasia
Media Player

Q.12. Teaching is
Transferring information to learners in a formal setting
The process of helping others to acquire knowledge, skills and values
Demonstration of new knowledge and skills
Assessing the performance of the student

Q.13. YouTube video playlist at a time downloaded using.....
Ubuntu commands
C commands
Python commands
None of these

Q.14. Camtasia Studio used for
Video editing
Picture editing
Both

none

Q.15.Most frequently used ICT Tool for Quiz creation
Google Quiz
Spreadsheets
Google forms
none

Dr. Nilesh Ugemuge, Ph.D.(Physics),Ph.D.(Management),NET,SET
Certified trainer with Skill India| Corporate Trainer| Soft Skill Trainer
Associate Coordinator-IQAC
SPOC for NPTEL,IIT Madras and SWAYAM.
Assistant Professor in Department of Physics
Anand Niketan College, Anandwan, Warora, Dist.Chandrapur(MH).

Dr. Nilesh Ugemuge is working as a Assistant Professor in Department of Physics at Anand Niketan College(ANC), Anandwan, Warora, Dist. Chandrapur, Maharashtra.(Established by well known Social worker Baba Amte). Apart from teaching he is working with IQAC as a Associate Coordinator and SPOC for NPTEL,IIT Madras and SWAYAM. In addition to teaching and administration he is recognized Ph. D. Supervisor in Physics with Gondwana University Gadchiroli and guiding students for Ph.D.

Prior to joining this prestigious organization ANC he worked as a Head, Department of Applied Physics and Student Coordinator for First Year with ***Priyadarshini College of Engineering, Nagpur(NAAC-A+)*** for 9 years. In addition to teaching he has executed the role of Faculty Advisor, ISTE Student Chapter, PCE and Coordinator Remote Centre, IIT Bombay-PCE for ISTE Workshops under NMEICT, MHRD Government of India.

Dr. Nilesh is popularly known as a Life-long learner. He was awarded **Ph.D.** in Physics and **Ph.D.** in Management from R.T.M. Nagpur University, Nagpur. After Ph.D. in Physics he is working as a Post Doctoral Fellow at PGTD, Physics, RTM Nagpur University, Nagpur for further research. He has qualified **Seven** times **UGC-NET** examination in the field of Management and Social Work. He has also cleared **SET** examination in Social work. He was awarded M.Sc. Physics from Department of Physics, RTM Nagpur University, Nagpur. Due to varied interest in the field of management after completion of Post graduation in Physics he has completed PGDHRM(Post Graduate Diploma in Human Resource Management) from Mahatma Gandhi Labour Institute, Ahmedabad (An autonomous institute of Government of Gujarat).Also completed MIRPM, MA (Economics with Econometrics), M.A. (Public Administration), Master in Social Work(MSW), B.Ed, and B.Sc.(PCM) from RTM Nagpur University, Nagpur. Apart from this he has completed DVM and CVM(Vedic Mathematics) from Sanskrit Vidyapeeth, Ramtek. He has completed 05 courses from IIT Madras,IIT Kharagpur and IIM Banglore on Intellectual Property Rights(IPR) through NPTEL. Also he has completed 05 Quality Improvement Programme(QIP) from IIT Kanpur and IIT Bombay. He has completed more than 15 specialized Short Term Training Programmes(STTP) from IIT Bombay, IIT Kharagpur ,IIT Kanpur & VNIT Nagpur. Also he has done workshops on Research Methodology from IIM, Ahemadabad and IIM Indore. *At present he is pursuing Post Graduate Diploma in Training & Development from Indian Society for Training & Development(ISTD),New Delhi.*

He specializes in Material Science, Luminescence, Entrepreneurship Development, Human Resource Management, Organization Behaviour, Organization Development and Teaching and Research Aptitude. He has delivered more than 200

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sessions as a resource person with Higher Education Institutes, MSME,MCED,MITCON,UGC-HRDC, etc. Apart from this he has organized several Workshop, Trainings, Conference, Seminars and Webinars for Students and Faculty members. He has successfully organized Value Added Course "Campus to Corporate (C2C)-Get Future Ready" for the students of UG and PG. Also he has chaired sessions in various National & International Conferences.

Dr. Nilesh Ugemuge has performed varied role with Home University and Other Universities also including Ph.D. Thesis evaluation and conducted open defense for Physics several times, University Paper setter, Moderator, Officer incharge for University Examinations, Scrutinee officer at RTM Nagpur University, Nagpur.

He has published **22** books in different areas like Physics, Management, Vedic Mathematics, Quantitative Aptitude, Teaching & Research Aptitude, etc. His published book is prescribed in Syllabus of RTM Nagpur University, Nagpur. Also he has edited more than 30 Books for Berhanpur University, Utkal University, Bharti Vidyapeeth and Uttarakhand Open University with HPH and DNA Publication. Apart from books, he has published monograms with IGI Global, USA and Book Chapter with Springer. He has published several research Papers in various referred International journals and conferences.

Dr. Nilesh Ugemuge has been associated with various national and International development organizatiosn in various capacities, especially Reviewer for various international journals namely Springer, Elsevier, John Wiley, SAGE open, etc. Member of Editorial board with DNA publication. Empanelled trainer with MSME, MCED,MITCON and UGC-HRDC, Nagpur. Apart from this he is associated as a Life member with various professional bodies namely Indian Society for Technical Education (ISTE), Luminescence Society of India(LSI), International Associations of Engineers (IAEng),Indian Society for Training & Development (ISTD) New Delhi, Shikshan Sanstha Utthan Nyas (SSUN), etc.

- Owns a studio **Dizviz Productions** at Nagpur which provides services in Multimedia & Web designing, Graphic Designing, VFX & 3D Animation, Architectural Walkthrough & Views, Motion Graphics, Creative Video-Audio Editing, Photography, Animation & VFX Education.
- Owns a company named **EIZVIZ Production Private Limited** for production of Live Action Movies and Short Films .
- **1 Years of Experience** in Animation Education in various centers of India's leading animation institute MAAC (Maya Academy Of Advanced Cinematics). Trained more than 2000 students who are working in various National and International projects.

Experience

- Experience on working International projects of VFX & 3D Animation for overseas companies and production houses.
- Experience of working on exclusive E-learning content for Shmoop University based in U.S.A., Balbharti (Maharashtra Board), National Law Universities.
- Also has experience on working for major infrastructure companies projects for motion graphics like NIT(Nagpur Improvement Trust), NMRCL (Nagpur Metro Rail Corporation Limited), IL& FS, and many more.
- Runs a unique initiative; "**Success Chakra**"- Pathway to the GOAL, for students across **India** to guide them about their career and methodology of Success.

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P. R. Pote Patil Education and Welfare Trust's College of Engineering & Management, Amravati

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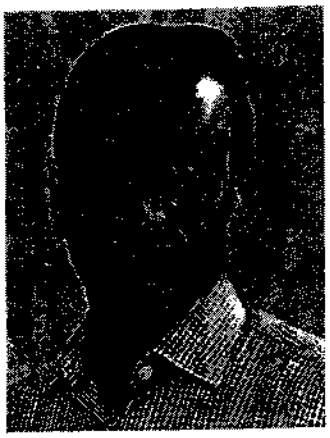
Faculty Profile

Name	Ms. Prachi Vinod Kale
Department	Computer Science & Engineering
Designation	Assistant Professor
Qualification	UG : B.E. (Information Technology) from Government College of Engineering Amravati in 2007 PG : M.E. (Computer Science And Engineering) Prof. Ram Meghe Institute of Research & Technology , Badnera in 2014
Area Of Interest	1. Security in Cloud Computing 2. Data Base 3. Data Structures 4. Web Development 5. Machine Learning
Total Experience	Teaching: 10 Yrs in P.R.Pote Patil College of Engineering and Management,Amravati Industry: 2.3 Yrs worked as a Assistant System Engineer and performed the role of developer in Tata Consultancy Services , Mumbai
No. of Papers Published	15 paper publications in International & National Conferences and Journals
No. of Projects Guided	UG: 25 PG: 04
Professional Memberships	1. ISTE - member
Workshops	➢ Conducted the Workshops on Android development ➢ Conducted the Technical Training for the Engineering Students of Various Branches

Department of Computer Science, SPPU

Faculty Profile



Nitin Prakashrao Patil
Assistant Professor (Academic Level-12),
Computer Science. SPPU
IT Manager, IT Cell, SPPU
Placement Coordinator, PUCSD
Rector, G-3, Boys Hostel, SPPU
Secretary DKBhave Scholarship, SPPU
Email: **npatil@unipune.ac.in**,
nitindocs@gmail.com
itmanager@unipune.ac.in
Mobile: 9763758296
Contact: 020-25696361 (O) 25601446(O)

Name	**NITIN PRAKASHRAO PATIL**
Designation	**Assistant Professor**
Roles and responsibilities	Exam Coordinator/Chairman since Dec-2005 to Till date Placement Coordinator since Placement-2009 Worked as Admission Incharge for 2005, 2006, 2007 and 2008 Examinations. Member, Admission Committee, PUCSD Involved in various administration activities as per need and directives by authorities since July 2005.
Educational Qualification	M.Sc.(Computer Science), SET(CS&A)
Orientation/Refresher Course	Short Course on Computational Neuroscience (2004) Orientation course at ASC, Pune with A grade (2009) Refresher Course at PUCSD with A grade (2011)
Experience	PG Teaching from Jan.2000 to till date: 19+ Years UG Teaching from Dec.1998 to Dec 1999: 01 Year
Department of Computer Science Savitribai Phule Pune University, Pune	From March,2004 to till date Courses taught : System Programming, Database Management System, Low Level Programming, Programming Paradigms, Numerical Methods, Software Engineering, Operating System, Theory of Computer Science, Compiler Construction, Advanced Assembly Programming, Advanced Data Bases, Advanced Data Techniques, Database Internals, Software Comprehension, Cyber Security
Various Academic Departments	Cyber Security Additional Credit Course at Zoology, Physics, Lalit Kala Kendra
Department of Technology	From August,2015 to till date Advanced Database Management
Department of Management Science, UoP (PUMBA)	From 2008 onwards Courses taught : Management Information System, Software Engineering, Computing Environment & Technology
Department of Mathematics, UoP	From January,2009 to till date Courses taught : Operating System, Software Engineering, Data Structure, Theory of Computation, ADBMS
Department of Bioinformatics, Savitribai Phule Pune University, Pune	July-Dec 2007, July-Dec 2008 Courses taught: Databases with Oracle SQL and PLSQL
Department of Communication Studies, Savitribai Phule Pune University, Pune	July-Dec 2007 Courses taught: Computers in Communication Studies
VLSI, Department of Electronics	Conducted 4 sessions of one week on Introduction to Linux and FOSS. Conducted Series of lectures on Operating System Internals with Linux as case study
Bharti Vidyapeeth Pune	July 2005 to Dec 2005 Courses taught : Software Engineering

Department of Computer Science and Department of Information Technology, North Maharashtra University, Jalgaon	From Jan,2000 to March,2004 Courses taught : Principles of Programming Languages, Numerical Methods, Software Engineering, Operating System, Theory of Computer Science, Windows Programming, Network Programming
Moolji Jetha College, Jalgaon	From Dec,1998 to Dec.1999 Courses taught: System Programming, Visual Basic,
IMR Jalgaon	From Dec,1998 to Dec.1999 Courses taught: Theory of Computer Science, Visual Basic,
Resource Person for Refresher Courses/Orientation courses	• Orientation Programmes conducted by ASC, Savitribai Phule Pune University, Pune from Jan-2010. • Refresher courses conducted by Department of Marathi, Department of Education, Savitribai Phule Pune University, Pune • Various FDP at

National/International Society Membership

1. Member, IEEE
2. Member, ACM
3. Life Member, International Rough Set Society
4. Life Member, Indian Rough Set Society

Committees/Positions/ represented

- **IT Manager, IT Cell, SP Pune University (since July-2020)**
- **Convener, Symposium on Computing, Science, Education (SoCSE) February 26 – 28 , 2018**
- **Member, PRSG (Smart City Project), Ministry of Electronics and Information Technology, Government of India, India**
- **Judge (Panel of Jury) for Grand Finale of Smart India Hackathon organized by Ministry of Human Resource Development (MHRD) at Hyderabad Center during 30th to 31st March, 2018**
- **Judge (Panel of Jury) for Grand Finale of Smart India Hackathon organized by Ministry of Human Resource Development (MHRD) at Pune Center during 01 April-2017 to 02-April-2017**
- **Rector, Hostel No. G-3, SP Pune University since January-2017**
- **Secretary, D. K. Bhave Scholarship (from 2012 onwards)**
- **Placement Coordinator, PUCSD (from 2008 onwards)**
- **Chairman, PUCSD Departmental Examination Committee (2011-2016)**
- **Member, Academic Committee Department of Computer Science, KBC, North Maharashtra University, Jalgaon (for 2 years)**
- **Chairman, Registration Committee, State Level Avishkar organized by SPPU (2016-17)**
- **Member BOS (Information Technology),R. J. College Ghatkopar(2018-2021)**

- Member, Board of Studies for Computer Science, Modern College Shivajinagar 2019-20
- Animation at Savitribai Phule Pune University (2014-2016)
- Member, Board of Studies for Animation at Savitribai Phule Pune University (2014-2016)
- Member, Board of Studies for Animation at Savitribai Phule Pune University, Pune(2012-2014)
- Member, Board of Studies for Computer Management, North Maharashtra University, Jalgaon (2010-2012)
- Member, IT Cell Expert Committee, Savitribai Phule Pune University, Pune Since Jan-2014
- Secretary, D.K.Bhave Scholarship(from 2012 onwards)
- Placement Coordinator, PUCSD (from 2008 onwards)
- *Member of Panel of Expert for recruitment process of various research and development positions at CDAC Pune since 2007.*
- *Member of Consultant board of Pearson Education*
- *Member of panel of reviewers of TENCON conference.*
- *Member of panel of reviewers for the pre-published books of Tata McGraw Hill India, Pearson Education, India.*
- Member, Subcommittee for Syllabus of MSc (CS), M.C.A., B.Sc.(CS), MSc. Tech(IMWCA), M.Tech(IMWCA), B.Sc.(Animation) , M.Com. at Savitribai Phule Pune University, Pune
- Member, 6th Pay Commission, Pay Fixation Committee for the Teachers from Colleges affiliated to Savitribai Phule Pune University, Pune
- Member, Carrier Advancement Scheme (CAS) as per 6th Pay for the Teachers from Colleges affiliated to Savitribai Phule Pune University, Pune
- Expert, Carrier Advancement Scheme (CAS) as per 6th Pay for the Teachers for Computer Science for SRTMU Nanded
- Member of Panel of examiners for Practical and Theory courses at North Maharashtra University, Jalgaon IGNOU Delhi, Bharti Vidyapeeth Pune, SIBER Kolhapur and Shivaji University Kolhapur.
- *Member, Technical committee for purchase of Computer h/w and s/w at Department of Mathematics and SET Bhavan.*
- Member of Panel of Subject Expert for recruitment process of Asst. Professor at affiliated colleges of Savitribai Phule Pune University, Pune.
- Election Officer for the counting of the votes for various elections of the authorities of various academic and management bodies of Savitribai Phule Pune University, Pune
- Various LIC committees appointed by Savitribai Phule Pune University, Pune for affiliation and continuation of affiliation of various colleges affiliated to Savitribai Phule Pune University, Pune.
- Chairman of Panel of Judges for a yearly State level C/C++ Programming Contest organized at AIMS Chalisgaon since Feb-2004 to March-2013.

Research Paper/Poster in National and International Journals/Conferences

International Journals (06)

1. Patil, Nitin, Joshi, S. (2019). Query routing at infrastructure level as load balancer at application and database server. *International Journal of Information and Computing Science,* 6 (9), 1-13. ISSN(print/online): 0972-1347
2. Rounak, A., Samdadia., Patil, Nitin (2019). A Multi Factor Duplicate Image Deduplication System. *International Journal of Computer Sciences and Engineering,* 7 (11), 49-51. ISSN(print/online): 2347-2693
3. Yanyan Geng,Guohui Zhang,Weizhi Li, Yi Gu,Ru-Ze Liang, Gaoyuan Liang, Jingbin Wang,Yanbin Wu, Nitin Patil, Jing-Yan Wang, "A Novel Image Tag Completion Method Based on Convolutional Neural Transformation' Artificial Neural Networks and Machine Learning – ICANN 2017. ICANN 2017. Lecture Notes in Computer Science, vol 10614. Springer, Cham pp 539-546
4. Yanbin Wu, Hongbin Zhai, Mengna Li, Fan Cui, Li Wang,Nitin Patil, "Learning image convolutional representations and complete tags jointly", Neural Computing & Applications NCAA (An international journal)(2017). https://doi.org/10.1007/s00521-017-3216-0, DOI https://doi.org/10.1007/s00521-017-3216-0 Publisher Name Springer London Print ISSN 0941-0643 Online ISSN 1433-3058
5. Yogesh Patil, Nitin Patil, "Android OS Security: Heuristic based approach to detect Malicious Apps", International Journal of Research and Development, Volume II ,Issue I, 2013
6. Manish Joshi, Nitin Patil, Chapter on Rough Set Year in India 2009, Rough Sets, Fuzzy Sets, Data Mining and Granular Computing, Series on Lecture Notes in Computer Science Vol.5908 Subseries on Lecture Notes in Artificial Intelligence; Vol. 5908 Publisher: Springer-Verlag Berlin, Heidelberg.

International/National Conferences and/or Workshops (12)

1. Nitin Patil, " A study of ontology and schema matching techniques for ontology based information retrieval, **Innovation-2014** at UoP
2. Nitin Patil, "Behavioral Analysis of Malwares: A Case Study" at "National Conference on "Preventive Measures to Avoid Cyber Crimes (PMACC-2013)", December 19-20, 2013
3. Mrs. Jyoti Dahiwele, Nitin Patil, "Semantic Annotation for Documents using Ontology", **International Conference** on Interface of Information Technology 23-25 September, 2013, Institute of Business Management and Rural Development [IBMRD], Vadgaon Gupta (ViladGhat),P.O. MIDC, Ahmednagar.

7. Nitin Patil, Sanjay Kadam, Teaching Databases Using Open Source Software: A Case study with Postgresql, Proceeding of **National Conference** on Advances in Computing (NCAC-2011) 24th-25th February 2011,Organized by DOCS, NMU Jalgaon
8. Mrs. Harshali Patil, Nitin Patil, Dr. Seema Purohit, A deep-seated Approach for improving customers loyalty using Data Mining Techniques in Tele-Domain at 3'rd **International Conference** on Transcending Horizons Though Innovative Global Practices February 7-8, 2009
9. Mrs. Harshali Patil, Mr. Nitin Patil, Dr. Seema Purohit, An Introspective Approach for Safeguarding the Quality and Sustainability in Higher Education, **National Conference** on Impact of Assessment and Accreditation of Educational Institutions of Higher Education in India, June 17-18,2008
10. N.P.Patil, P.A.Pawar, Marketing Strategies of Small Software Companies in India at **National Conference** Going Global Prospects of Indian Corporation, Jan 10-11 ,2008 at DOMS North Maharashtra University, Jalgaon.
11. P.A.Pawar, N.P.Patil, Software Marketing by small IT companies in India: Management Perspective for industry-academia Interaction Poster presentation at **INNOVATION** 2007
12. N.P.Patil, Dr.B.V.Pawar, Bilingual Search Engine, **National** Level Workshop on Advances in Web Based Computing AWBC-2002 held at N.M.U. Jalgaon organized by Department of Computer Science, N.M.U. Jalgaon, 9-10, Feb. 2002.

Text Book Authored

1. R.B.Waghulde, Hemlata Patil, Nitin Patil, K.Sonawane, Y. Sarode, **UG-CS 121: C Programming – 1** F.Y.B.Sc. Semester1 Paper 2, Vrinda Publication ISBN:8178150344
2. Three chapters in edited book titled "Data Warehousing and Data mining" published by Symbiosis Centre for Distance Learning (SDCL) Pune

Degree Project Guided

53 M.Sc., 2 M.C.A., 5 M.Tech.

Innovation in Teaching

My method of teaching 'Database Management System' course is somewhat different. I don't like idea of "*What you read/know Is What you teach*". As a teacher I should let my student know what is happening and why it is happening so. I try to touch upon few questions which generally are not answered during the education at B.Sc. level. I like to teach DBMS using Postgresql as case study. Many students including few present and past teachers appreciated my idea of teaching the database internals. I don't want my students to write only SQL or work as a DBA but I would like to see my students to view databases through a system programmer's view. I also taught courses like 'Operating System', 'Low Level Programming', 'System Programming', 'Theory of Computer Science'. While teaching these courses, I also consistently applied the method of teaching with internals going through concepts not covered in book/s. Since July-2014 I started teaching Advanced Assembly Programming which was new for me in terms of understanding the SIMD architecture and Assembly Programming with IA-64 bit. I also have tried including new technologies such as NoSQL, Big Data, Smart Phone Programming etc into my subjects.

Workshops/Conferences Attended:

1. The 5th TCS Excellence in Computer Science Week (TECS Week 2007) at TRDDC, Pune from January 3–7, 2007. Theme of this week was "Data Intensive Computing".
2. The 6th TCS Excellence in Computer Science Week (TECS Week 2008) was held at TRDDC, Pune from January 7–11, 2008.Theme of this week was "Human Computer Interaction, Virtual Reality, and Data Visualization".
3. Workshop on GCC Internals, 2007 organized by CSE IIT, Mumbai.
4. Workshop on Ontology NLP IR organized by CSE IIT, Mumbai.
5. Research Trends in Information Technology Instructional Conference (RTIT -2007) March 3-4, 2007 organized by SIBER Kolhapur.
6. Microsoft Research India (MSR) Theory Day 2008 – a one-day workshop on Theoretical Computer Sciencejointly organized by Microsoft Research India and the Indian Institute of Science (IISc).
7. Microsoft Research India (MSR) Theory Day 2009 - a one day workshop organized by Microsoft Research India, in collaboration with the Indian Institute of Technology Madras (IITM)
8. National Conference on Advances in Computing-2011, DOCS, NMU, Jalgaon 24-25 FEBRUARY, 2011
9. "National Conference on Emerging Trends in Soft Computing" on February 2-3, 2011 organized by Nowrosjee Wadia College, Pune
10. University Level Workshop on "E-Governance" on 16-07-2013 Organized by BCUD,UoP.
11. As resource person attended the MCA Syllabus revision workshop at New Arts College Ahmednagar on 11-02-2013
12. International Workshop on "Learning Environments, Innovations and ICT" held on Feb 28, 2014 organized by Department of Education and Extension SPPU and Council for Creative Education Finland.

Pre-published Book Review:

Worked as Expert on consultant board of a book titled "Operating System" written by Sibsankar Haldar, Alex A. Aravind for Pearson Education, india. I have reviewed total of 9 chapters from the said book.https://peicamp.in/sibsankarhaldar/book-details.asp?bookid=4148

Member of Organizing Committee for conferences/Workshops

1. "National Conference on Emerging Trends in Soft Computing" on February 2-3, 2011 organized by Nowrosjee Wadia College, Pune University, in association with Indian Rough Set Society and Computer Society of India Pune Chapter.
2. Colloquium on Computational Intelligence (Rough Set based approach) 23rd -24th March 2010 conducted by Central University of Hyderabad.
3. NCRTCA (National Conference on Recent Trends in Computer Application) 2010, Department of Management Science, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (MS) February 17-18, 2010.
4. International Workshop on "Rough Sets, Fuzzy Sets and Soft Computing: Theory and Applications", July 7-8, 2009.
5. ISEC2009 an International Conference - '2nd India Software Engineering Conference', February 23-26, 2009 organized by IGSE (Special Interest Group in Software Engineering of CSI).

Research Paper/Poster in National and International Journals/Conferences

International Journals (06)

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3. Yanyan Geng,Guohui Zhang,Weizhi Li, Yi Gu,Ru-Ze Liang, Gaoyuan Liang, Jingbin Wang,Yanbin Wu, Nitin Patil, Jing-Yan Wang, "A Novel Image Tag Completion Method Based on Convolutional Neural Transformation" Artificial Neural Networks and Machine Learning – ICANN 2017. ICANN 2017. Lecture Notes in Computer Science, vol 10614. Springer, Cham pp 539-546
4. Yanbin Wu, Hongbin Zhai, Mengna Li, Fan Cui, Li Wang,Nitin Patil, "Learning image convolutional representations and complete tags jointly", Neural Computing & Applications NCAA (An international journal)(2017). https://doi.org/10.1007/s00521-017-3216-0, DOI https://doi.org/10.1007/s00521-017-3216-0 Publisher Name Springer London Print ISSN 0941-0643 Online ISSN 1433-3058
5. Yogesh Patil, Nitin Patil, "Android OS Security: Heuristic based approach to detect Malicious Apps", International Journal of Research and Development, Volume II ,Issue I, 2013
6. Manish Joshi, Nitin Patil, Chapter on Rough Set Year in India 2009, Rough Sets, Fuzzy Sets, Data Mining and Granular Computing, Series on Lecture Notes in Computer Science Vol.5908 Subseries on Lecture Notes in Artificial Intelligence; Vol. 5908 Publisher: Springer-Verlag Berlin, Heidelberg.

International/National Conferences and/or Workshops (12)

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2. Nitin Patil, "Behavioral Analysis of Malwares: A Case Study" at "National Conference on "Preventive Measures to Avoid Cyber Crimes (PMACC-2013)", December 19-20, 2013
3. Mrs. Jyoti Dahiwele, Nitin Patil, "Semantic Annotation for Documents using Ontology", **International Conference** on Interface of Information Technology 23-25 September, 2013, Institute of Business Management and Rural Development [IBMRD], Vadgaon Gupta (ViladGhat),P.O. MIDC, Ahmednagar.
4. Nitin Patil, "Information Retrieval and the Semantic Web: Using Ontology Based Model", **Innovation-2013**
5. Nitin Patil, Pallavi Mandhare, Vilas Kharat, Sanjay Kadam, "Semantic Web based Model for E Learning: A Case Study", **National Conference** on Opportunities and Challenges in Higher Education (NCOCHE-2011), 30 Nov to 2 Dec 2011
6. Pallavi Mandhare, Nitin Patil, Ontologies to integrate learning design and learning Content for e-Learning in Educational System, **National Conference** on Opportunities and Challenges in Higher Education (NCOCHE- 2011), 30 Nov to 2 Dec 2011

6. National Level Workshop on Advances in Web Based Computing "AWBC-2002" held at N.M.U. Jalgaon organized by Department of Computer Science, N.M.U. Jalgaon, 9-10, February 2002.

Curricular/Extracurricular/Extension activities:

1. Worked as Resource Person of NET/SET Examination preparation organized at Mumbai University, North Maharashtra University Jalgaon, Ramakrishna More Science College, Nigadi Pune.
2. Delivered lectures at affiliated Colleges/Departments/Institutes of Savitribai Phule Pune University, Pune, North Maharashtra University Jalgaon, and Shivaji University Kolhapur, Mumbai University.
3. Delivered talk for the Computer Teachers of various Kendriya Vidyalaya Teachers for 2 sessions organized by Kendriya Vidyalaya Ganeshkhind, Pune.
4. Delivered talk organized by Dhanaji Nana Vidya Prabodhini's Science College, Jalgaon, Moolji Jetha College, Jalgaon, ,AIMS College, Chalisgaon, and CSD North Maharashtra University Jalgaon, CSD Shivaji University Kolhapur, CSD Mumbai University
5. Delivered talks in corporate training sessions organized by VLSI Design center, Department of Electronics, Savitribai Phule Pune University, Pune
6. Delivered a talk organized by Lokmat Baal Vikas Manch, Jalgaon "Future uses of Computers"

Date: 10/08/2020

Nitin Prakashrao Patil

10.3

MASTERS IN ELECTRONICS ENGINEERING WITH 8 YEARS EXPERIENCE IN THE AREA OF VLSI DESIGN, MACHINE LEARNING AND DEEP LEARNING APPLICATIONS

Aniket Pawade

33, Krushak Colony, Ram Nager, Amravati

Phone: (+91) 9403389775

E-mail: aniket.pawade@gmail.com

About

Highly motivated engineering teacher with years of experience with solid understanding of standard engineering practices. Delivering technical and educational assistance to various levels of learners. Committed to providing students and teachers with various technical tools information to achieve academic goal. Have completed many projects with versatile skill and have conducted numerous workshop and seminars.

Work History

Assistant Professor 2013 to Current. P. R. Pote (Patil) College of Engineering & Mngt.

Education

- **Doctor of Philosophy (Ph.D.) |**
  Appearing SGBA University
- **Master of Engineering (M.E.) | Electronics Engineering**
  PRPCEM (Amravati) SGBA University
  Aug 2012 – Jul 2014
- **Bachelor of Engineering (B.E.) | Electronics & Tele-Communication**
  PRPCEM (Amravati) SGBA University
  Jul 2008 – Jul 2012

Skills

- **Python**
- **Machine Learning**
- **Deep Learning**
- **Data Visualization**
- **Simulations**
- **VLSI Design**
- **Embedded System**

Brief Overview

- Strong Experience in project and team management
- Conducted various training programs imparting training to students & professionals.
- Strong communication, Presentation and inter personal skills.
- Successfully Coordinates National level technical events for Robotics and Projects.
- Strong teaching capabilities backed up with practical experience.

Technologies Hands-on

- Work extensively on Raspberry pi, Node MCU for IoT Applications in various projects.
- Pro-efficient knowledge of various simulation tools like Xilinx, Microwind, QUCS, Proteus & Sci-lab.
- Strong hand on experience on Machine learning libraries, algorithms and applications.

Participants Quiz Result & Feedback Detai

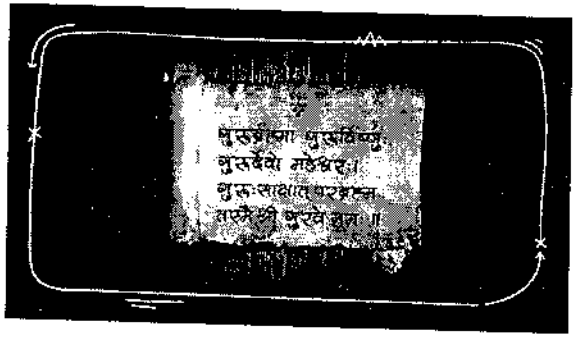
Sr. No.	Name of Participants	Quiz Score Out of 30	Result	Overall Feedback
1	Mr. Ashish R. Sonekar	24	Pass	Completely Satisfying
2	Mahesh Madhukar Janolkar	20	Pass	Completely Satisfying
3	Shinde Suryakant Popat	26	Pass	Completely Satisfying
4	Kamble Ujwala Shamrao	20	Pass	Completely Satisfying
5	Lovely S Mutneja	28	Pass	Completely Satisfying
6	Parnal Prakash Pawade	22	Pass	Completely Satisfying
7	Dr. Sarika Prakash Shahare	28	Pass	Completely Satisfying
8	MILIND K.TATTE	24	Pass	Completely Satisfying
9	Dr. SANJAY B. WARKAD	24	Pass	Completely Satisfying

10	Dr. P. Asha	24	Pass	Completely Satisfying
11	Dr Jaishri B. Veeagoudar	20	Pass	Satisfying
12	A. NETTO MERTIA	22	Pass	Satisfying
13	Prof.Asha D Jadhav	28	Pass	Satisfying
14	DR. SHILPA A. KHAPRE	30	Pass	Satisfying
15	Prof. Suryakant Bhonge	26	Pass	Satisfying
16	Dr.N.A.Patil	22	Pass	Satisfying
17	Dr. Amol D. Bhoyar	22	Pass	Satisfying
18	Dr.G.D.Dalvi	20	Pass	Satisfying

Session Feedback and Outcome

Timestamp	Email address	Score	Full Name of Participant (Contact No	Name of Organization	Place	State	Designation	Department / Branch	Higher Qualification	1. The experience of the s	2. How was the Content o	3. How was the event Stn	4. Overall experience of th	5. How will you rate the session?
21/06/2021 13:17:30	prachivkale@gmail.com		Prachi Vinod Kale	7507182697 P. R. P. C. E. & M.	Amrav Amravati	Maharashtra	Assistant Professor	CSE	M.E / M.Tech	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:18:07	vaibhavmahalle1111@gmail.com		Vaibhav Mahalle	9730883984 PRPCEM	Amravati	Maharashtra	Assistant Professor	Civil	M.E / M.Tech	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:18:35	muthusep24@gmail.com		Ms. P. Muthuselvi	9686298675 JJ College of Arts and Sci	Pudukkottai	Tamilnadu	Assistant Professor	PG and Research Depart	Other	Completely Satisfied	Completely Satisfied	Moderatly Satisfied	Completely Satisfied	5
21/06/2021 13:18:44	shubhangigurav28@gmail.com		Ms.Shubhangi A.Gurav	9404292946 SCOE	Pune	Maharashtra	Assistant Professor	Engineering Sciences	M.Sc	Moderatly Satisfied	Moderatly Satisfied	Moderatly Satisfied	Moderatly Satisfied	4
21/06/2021 13:18:45	pravin.1900@gmail.com		Dr. Pravin Anandrao Pawi	8551085980 Ashokrao Mane Group of	Kolhapur	Maharashtra	Assistant Professor	Mechanical	Ph.D	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:18:58	umeshhore@gmail.com		Umesh W Hore	8830618557 PRPCEM.	Amravati	Maharashtra	Assistant Professor	EXTC	M.E / M.Tech	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:19:01	suryakant.bhonge@gmail.co.in		Suryakant Purushottam B	9096015952 P.R.Pote (Patil)Group Of I	Amravati	Maharashtra	Assistant Professor	EXTC	M.E / M.Tech	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:19:03	drsheeba@gmail.com		Dr. D. Sheeba Singh	9443521900 Noorul Islam Centre for H	Kumaracoil	Tamilnadu	Assistant Professor	Mathematics	Ph.D	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:19:11	mkaushik@jpr.amity.edu		Dr. Manju Kaushik	9887871190 Amity University Rajastha	Jaipur	Rajasthan	Associate Professor	AIIT	Ph.D	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:19:15	poojakhalkale9@gmail.com		Ms. Pooja Mahadev Khati	8552625841 D. Y. Patil Institute of Tecl	Pune	Maharashtra	Assistant Professor	FE Dean Academics	M.Sc	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:19:18	deepti.saxena@somaiya.edu		Deepti Saxena	8879743770 KJSCE. SUV MUMBAI	Mumbai	Maharashtra	Assistant Professor	Science and Humanities	Other	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:19:18	amar9205@gmail.com		Amar Damodar Patil	8793742822 Dr. D. Y. Patil Pratishthan'	Kolhapur	Maharashtra	Assistant Professor	Civil Engineering	M.E / M.Tech	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:19:26	kavimathsjc@gmail.com		Dr. M. KAVITHA	9786138270 J J College of Arts and Sc	Pudukkottai	Tamilnadu	Assistant Professor	Mathematics	Ph.D	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:19:28	johnmathsjc@gmail.com		Dr. J. JOHN FLAVIA	9788185349 J. J College of Arts and S	Pudukkottai	Tamil Nadu	Assistant Professor	Mathematics	Ph.D	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:19:32	ashish.sonekar@gmail.com		Mr. Ashish R. Sonekar	9552877200 PRPCEM. Amravati	Amravati	Maharashtra	Assistant Professor	Mechanical Engineering	M.E / M.Tech	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:19:51	fmtpapers@gmail.com		Manish Jha	9910073774 Fairfield Institute of Mana	New Delhi	Delhi	Assistant Professor	Management	MBA	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:20:10	amreenkauser26@gmail.com		Amreen Ali shah	8421613298 P.R.Pote Patil College of	Amravati	Maharashtra	Assistant Professor	Civil	M.E / M.Tech	Completely Satisfied	Completely Satisfied	Moderatly Satisfied	Completely Satisfied	4
21/06/2021 13:20:11	st1731982@gmail.com		Dr. S. A. Bhojne	8668898598 PRPCEM. AMRAVATI	Amravati	Maharashtra	Assistant Professor	Applied science and Hum	Ph.D	Completely Satisfied	Moderatly Satisfied	Moderatly Satisfied	Completely Satisfied	4
21/06/2021 13:20:14	sasikalaveerabadran2013@gmail.com		Dr.K.Sasikala	9940999587 St.Joseph's College of En	Chennai- 119	Tamil nadu	Professor	Mathematics	Ph.D	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:20:17	salatte@gmail.com		S.A.Khapre	9834358486 PRPCEM	Amravati	Maharashtra	Assistant Professor	Mathematics	Ph.D	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:20:27	priya002tarishmi@gmail.com		Dr. S. Priyadarshini	9715949544 J. J. College of Arts and S	Pudukkottai	Tamil Nadu	Assistant Professor	PG and Research Depart	Ph.D	Completely Satisfied	Completely Satisfied	Moderatly Satisfied	Completely Satisfied	4
21/06/2021 13:20:29	nduraimanickam@gmail.com		N. DURAIMANICKAM	9842733724 S.T.E.T Women's College	Mannargudi - 614016	Tamil Nadu	Assistant Professor	Mathematics	Other	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:20:38	mamata009@gmail.com		Prof. Mamata B. Patil	9969526670 Vidyavardhini's College of	Vasai	Maharashtra	Assistant Professor	First year engineering	M.Sc	Satisfied	Moderatly Satisfied	Completely Satisfied	Satisfied	5
21/06/2021 13:20:39	anbarasi.n@sairamcollege.edu.in		Dr.N.ANBARASI	7373886445 Agurchand Manmull Jain	Chennai	Tamilnadu	Assistant Professor	Mathematics	Ph.D	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:20:50	ar.poojabaporikar@gmail.com		Ar. Pooja Amit Baporikar	9860108409 Prpcoa	Amravati	Maharashtra	Assistant Professor	Architecture	Other	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:20:55	zaidhelpu8824@gmail.com		ZAID B HAVALDAR	8976967830 A.E.KALSEKAR DEGREE	MUMBRA	MAHARASHTRA	Assistant Professor	INFORMATION & TECHP	M.Sc	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:21:00	deepakshahakar@gmail.com		Deepak Shahakar	9766338778 P.R.Pote (Patil) College o	Amravati	Maharashtra	Associate Professor	Electrical Engineering	M.E / M.Tech	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:21:06	manoharsinh.jadeja@atmiyauni.ac.in		Manoharsinh R. Jadeja	9723653951 Atmiya University	Rajkot	Gujarat	Assistant Professor	Department of Mathemati	Other	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:21:16	adbporcem@gmail.com		Dr. Amol D. Bhoyar	9423623933 P. R. POTE COLLEGE OI	AMRAVTI	MAHARASTRA	Associate Professor	DEPARTMENT OF SCIEI	Ph.D	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:21:21	swethafrozen@gmail.com		K.Swetha	9344085496 Sri Aurobindo Mira Colleg	Madurai	Tamil Nadu	Other	I B.Ed (English)	Other	Completely Satisfied	Completely Satisfied	Moderatly Satisfied	Completely Satisfied	5
21/06/2021 13:21:24	ar.palashagrawal@gmail.com		Palash Agrawal	7972011741 Prpcoa	Amravati	MAHARASHTRA	Assistant Professor	Architecture	Other	Completely Satisfied	Completely Satisfied	Completely Satisfied	Moderatly Satisfied	5
21/06/2021 13:21:29	csshinde7769@rediffmail.com		Dr. Chandrashekhar Shiv	9921609896 Dr. J. J. Magdum College	Jaysingpur, District - Kolh	Maharashtra	Assistant Professor	Computer Science and E	Ph.D	Satisfied	Satisfied	Moderatly Satisfied	Moderatly Satisfied	3
21/06/2021 13:21:36	anandraj3095@gmail.com		Mr. A. Anandaraj	9095907729 J. J. College of arts & scie	Pudukkottai	Tamil nadu	Assistant Professor	Mathematics	Other	Completely Satisfied	Completely Satisfied	Completely Satisfied	Moderatly Satisfied	5
21/06/2021 13:21:43	usha.cse@sathyabama.ac.in		Dr. P. Asha	9944992337 Sathyabama Institute of S	Chennai	Tamilnadu	Assistant Professor	Computer Science and E	Ph.D	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:22:15	kuskrishna@gmail.com		DR.K.UMA SAMUNDESv	9894071318 NOORUL ISLAM CENTR	NAGERCOIL	TAMIL NADU	Associate Professor	MATHEMATICS	Ph.D	Completely Satisfied	Completely Satisfied	Satisfied	Moderatly Satisfied	4
21/06/2021 13:22:18	smmali2009@gmail.com		SUJATA MILINDKUMAR I	8788560976 SINHGAD INSTITUTE OF	PUNE	MAHARASHTRA	Assistant Professor	ELECTRONICS AND TEL	M.E / M.Tech	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:22:19	netto.merita@ves.ac.in		A. NETTO MERTIA	9022770432 VESIT	Chembur	Maharashtra	Assistant Professor	Mathematics	Other	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:22:20	rajgure.kalyani7@gmail.com		Kalyani A. Rajgure	7304461889 P.R.Patil college of Archite	Amravati	Maharashtra	Assistant Professor	Architecture	M.E / M.Tech	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:22:23	navneet.sangale@gmail.com		Dr.Navneet Sangle	8600600711 D.Y.Patil College of Engin	Kolhapur	Maharashtra	Associate Professor	Mathematics	Ph.D	Moderatly Satisfied	Moderatly Satisfied	Completely Satisfied	Moderatly Satisfied	4
21/06/2021 13:22:38	rahulghongade@rediffmail.com		Rahul ghongade	9766314042 P.R.POTE PATIL COLLEI	Amravati	Maharashtra	Associate Professor	Electronics and Telecomm	Ph.D	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:22:42	rachanamahule@gmail.com		Rachana Mahule	8888254503 PRPCE&M. Amravati	Amravati	Maharashtra	Assistant Professor	MCA	MCA	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:22:42	rsjcselathaayyn@gmail.com		Latha Ayyappan	9870735889 SSJCOE DOMBIVLI EAS	DOMBIVLI EAST	Maharashtra	Assistant Professor	Mathematics	M.Sc	Moderatly Satisfied	Moderatly Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:22:44	dineshkute90@gmail.com		Dinesh Baban Kute	7709495376 Pimpri Chinchwad Collegi	Pune	Maharashtra	Assistant Professor	Mathematics	M.Sc	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:22:58	jyotsnawath2@gmail.com		Jyotsna Sahebrao Wath	9970177210 P. R. Pote(Patil) College	Amravati	Maharashtra	Assistant Professor	Science and Humanities	M.Sc	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:23:03	joshilagraceebin@gmail.com		Dr. Joshila Grace L.K	9943909789 Sathyabama Institute of S	Chennai	Tamilnadu	Assistant Professor	Computer Science and E	Ph.D	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:23:11	paragajani@gmail.com		Mr. Parag D. Ajani	9909986867 ATMIYA University Rajko	Rajkot	Gujarat	Assistant Professor	Mathematics	M.Sc	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:23:12	tondresomdatta@gmail.com		Dr Somdatta Tondre	9422153885 P.R.Pote College of Engir	Amravati	Maharashtra	Assistant Professor	Mechanical Engineering	Ph.D	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:23:55	sbwarkad@gmail.com		Dr. SANJAY B. WARKAD	8830401353 P.R.Pote Patil College of	Amravati	Maharashtra	Associate Professor	Electrical Engineering	Ph.D	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	4
21/06/2021 13:23:57	sandipsalve0905@gmail.com		Sandip salve	8698596916 K.john public school Nagp	Nagpur	Maharashtra	Other	Physics	M.Sc	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:24:05	sambhareprafull832@gmail.com		Prafull B Sambhare	9850687332 PRPCEM	Amravati	MAHARASHTRA	Assistant Professor	CSE	M.E / M.Tech	Completely Satisfied	Completely Satisfied	Moderatly Satisfied	Completely Satisfied	5
21/06/2021 13:24:15	aparna_telang2002@yahoo.com		Dr.Aparna S. Telang	9823541747 PRPCEM	Amravati	MAHARASHTRA	Assistant Professor	EE	Ph.D	Moderatly Satisfied	Moderatly Satisfied	Moderatly Satisfied	Completely Satisfied	5
21/06/2021 13:24:27	agiram@gmail.com		Dr.P.AGILAN	9789643221 St.Joseph's College of En	Chennai	Tamilnadu	Assistant Professor	Mathematics	Ph.D	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:24:43	rajeshpokale79@gmail.com		Rajesh Pokale	9284652600 P.R.Pote Patil college of E	Amravati	Maharashtra	Assistant Professor	Mechanical	M.E / M.Tech	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:24:46	aparnabhande@gmail.com		Aparna Sanjay Bhande	9850187414 PRPCEM	Amravati	Maharashtra	Assistant Professor	MCA	MCA	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:25:23	nirmalapohare@gmail.com		Nirmala Babasaheb Chec	8830488239 D.Y.Patil School of Engin	Pune	Maharashtra	Assistant Professor	Mathematics	M.Sc	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	4
21/06/2021 13:25:29	mechprcem05@gmail.com		Shrikant P Yeole	9960759355 PRPCEM	Amravati	Maharashtra	Assistant Professor	Mechanical	M.E / M.Tech	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:25:30	anitha.kmmc@gmail.com		Mrs. Anitha Vinodhraj	9444453132 Kumararani Meena Muthi	Chennai	Tamil Nadu	Assistant Professor	Mathematics	Other	Completely Satisfied	Moderatly Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:25:33	florence.thomas09@gmail.com		Florence Thomas	9960048858 PRPCEM	Amravati	Maharashtra	Assistant Professor	MBA	MBA	Satisfied	Satisfied	Satisfied	Satisfied	3
21/06/2021 13:25:34	prakshalangote284@gmail.com	9890604479	Prakshna Rajendra Langc	P.R.PATIL COLLEGE OF	AMRAVATI	MAHARASTRA	Assistant Professor	BACHELOR OF ARCHIT	Other	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:25:35	archana.yadav07@gmail.com		Prof.Archana A. Wankhac	8308378502 TSSM'S BHIVARABAI SA	Pune	Maharashtra	Assistant Professor	Engineering Science	Other	Completely Satisfied	Moderatly Satisfied	Completely Satisfied	Completely Satisfied	4
21/06/2021 13:25:50	shindesanjaykumar227@gmail.com		Sanjaykumar M. Shinde	9511729335 Government College of En	Amravati	Maharashtra	Assistant Professor	Mathematics	M.Sc	Moderatly Satisfied	Moderatly Satisfied	Completely Satisfied	Completely Satisfied	4
21/06/2021 13:25:51	archavan.scoe@sinhgad.edu		Dr. Ashwini Nitin Chavan	9850259505 Sinhgad College of Engin	Pune	Maharashtra	Assistant Professor	Engineering science	Ph.D	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:25:57	poojbudass@gmail.com		Pooja Bhagchand Udas	9545601455 PRPCEM	Amravati	Maharashtra	Assistant Professor	MBA	MBA	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:25:57	bhattiadprask@gmail.com		Laxmikant S Bhattiad	9860076591 P.R.PATIL Collage of engg	amravati	maharastra	Assistant Professor	CSE	M.E / M.Tech	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:25:57	sdprcem@gmail.com		Sakshi Sanjay Deshmukh	7709261848 P.R.P.C.E.M.Amravati.	Amravati	Maharashtra	Assistant Professor	CSE	M.E / M.Tech	Satisfied	Satisfied	Satisfied	Satisfied	4
21/06/2021 13:26:03	arunkamble47@gmail.com		Arun Ramchandra Kambl	9767473401 Government Polytechnic I	Khamgaon	Maharashtra	Other	Science	M.Sc	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:26:24	silvials.maths@bmsce.ac.in		Dr SILVIA LEERA SEQUE	9945867450 BMS COLLEGE OF ENG	BENGALURU	KARNATAKA	Assistant Professor	MATHEMATICS	Ph.D	Moderatly Satisfied	Satisfied	Moderatly Satisfied	Satisfied	4
21/06/2021 13:27:16	arb.gvm@gmail.com		Dr. Arb Kaushik	9050070060 G.V.M College of Educatio	Sonipat	Haryana	Assistant Professor	Education	Ph.D	Completely Satisfied	Moderatly Satisfied	Moderatly Satisfied	Completely Satisfied	5
21/06/2021 13:27:19	arsarangholey@gmail.com		Sarang Holey	9921790211 P.R.Patil College of Archit	Amravati	Maharashtra	Professor	Architecture	Other	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:27:26	pallavirpdpatil@gmail.com		Pallavi H Dhole	9665403081 P.R.Pote (Patil) College (	Amravati	maharashtra	Assistant Professor	CSE	M.E / M.Tech	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:27:28	nikitasw01@gmail.com		Nikita Narendra Sawade	9730864204 PRPCEM Amravati	Amravati	Maharashtra	Assistant Professor	Electrical Engineering	M.E / M.Tech	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:27:34	shashibhushan.m26@gmail.com		Shashibhushan Vinodkun	8830614865 P.R.Pote Patil College of I	Amravati	Maharashtra	Assistant Professor	Mechanical	M.E / M.Tech	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:27:41	prpcemssk@gmail.com		Simi Saoat Abdul Wahid H	9673132659 PRPCEM. AMRAVATI	Amravati	Maharashtra	Assistant Professor	Applied Sciences & Humi	M.Sc	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:27:47	am363184@gmail.com		Prof.Ajay W. Mahore	9766257430 P.R.Pote Patil College of I	Amravati	Maharashtra	Associate Professor	Mechanical Engineering	M.E / M.Tech	Moderatly Satisfied	Moderatly Satisfied	Moderatly Satisfied	Completely Satisfied	4
21/06/2021 13:28:14	pritee.rane@gmail.com		Pritee R.Rane	9860529055 PRPCE&M	Amravati	Maharashtra	Assistant Professor	Electrical	M.E / M.Tech	Moderatly Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	4
21/06/2021 13:28:26	kalyani.barje@sinhgad.edu		Mrs. Kalyani A Barje	8830991468 STES' Sinhgad Institute o	Pune	Maharashtra	Assistant Professor	E&TC	M.E / M.Tech	Completely Satisfied	Completely Satisfied	Completely Satisfied	Completely Satisfied	5
21/06/2021 13:28:52	krunka.chhajed@gmail.com		Krunka Chhajed	9860744664 PRPCEM. Amravati	Amravati	Maharashtra	Assistant Professor	CSE	M.E / M.Tech	Moderatly Satisfied	Completely Satisfied	Moderatly Satisfied	Moderatly Satisfied	4

Dr.Nilesh Ugemuge
Ph.D.Physics,Ph.D.Management
Certified trainer with Skill India|Corporate Trainer
Associate Coordinator IQAC
Assistant Professor
Department of Physics
ANAND NIKETAN COLLEGE



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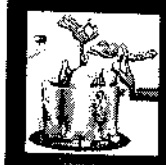
- 1.Current Trends: VUCA World
- 2. ICT for Education
- 3. The Role of Educational Technology(ICT) and E-Learning during COVID -19.
- 4. NEP-2020 & ICT
- 5. Use of ICT for Technology Development
- 6.Take Home Lessons



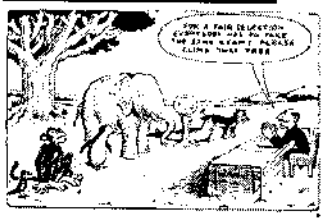
Let us jump while we still have the strength!

"Change Before Change otherwise Change will Change You"

1.Current Trends
In VUCA World

- World witnessing unprecedented and fast paced change lead by innovation and technological development.
- VUCA (Volatile, Uncertain, Complex , Ambiguous) World.
- Huge need of Quality Education.
- Facing Lots of challenges due to degradation of quality of Education.
- Employability
- Innovation & Creativity
- Design Thinking
- Collaboration
- ICT-Helps

Our Education System

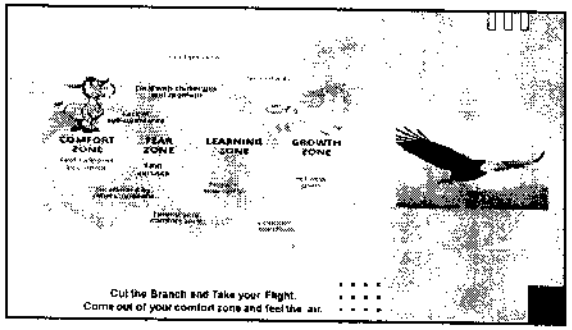


DEMAND & NEED

Categorization of Students based on their Interest : like
ICT Tools,
1.Higher Education,
2.Administration,Competitive Examination
3.Entrepreneurship

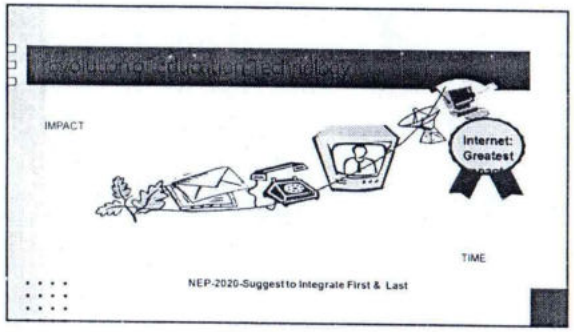
- Implementation of MIS
- Application of ERP in education
  - Attendance Monitoring
  - Internal Evaluation
  - Students Performance

- Use of Technology for Learning
  - NPTEL
  - SWAYAM(Learn Management from IIM,IITs)
  - Edx
  - Coursera .
  - You Tube(AMA,IIMs,Financial Mgt,etc.)
  - Udemy
  - Virtual Lab
  - IITBombayX
- Develop Compeencies(KSAs)
- Develop Habit of Reading Self Help Books



Cut the Branch and Take your Flight.
Come out of your comfort zone and feel the air.

2. ICT for Education
Paradigm Shift



- Internet has started reshaping education.
- Education will not be the same in the next decade.
- There is no going back. The traditional classroom has to be transformed.
- Many universities/colleges may not survive by the end of this decade.

- Education and training forms one of the largest sectors of the economy in most countries.
- Over the last decade, the number of corporate universities grew.
- 40% of Fortune 500 companies have established corporate universities.
- Skilled jobs now represent 89% of all jobs in US, in contrast to 20% in 1950.

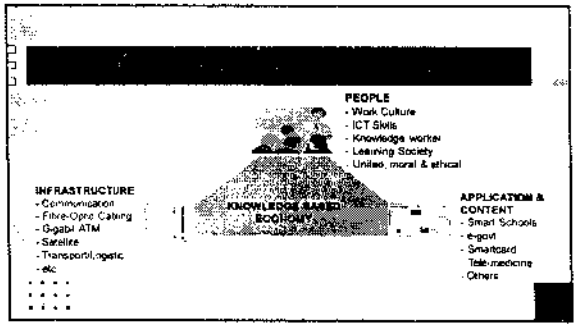
- Concept of Remote Centre since 2010 by IIT Bombay & IIT Kharagpur.
- Train 10000 Teachers at a time under the project NME-ICT by MHRD.
- We have conducted more than 20 STTPs through Remote Centre.
- Acceptance was very low by Faculty members during those days.

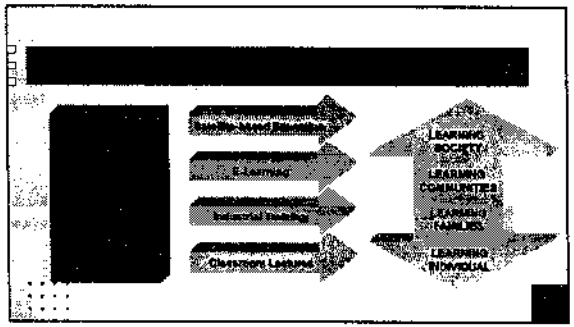
- IIT Madras has developed another ICT based initiatives.
- Now its connected with SWAYAM.
- Around 10 different coordinators are there.
- This types of ICT based Education helps to get deeper understanding of subject.

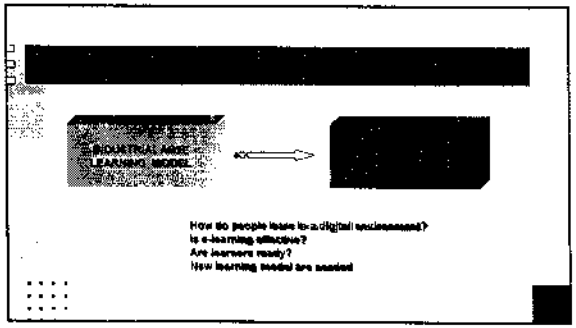


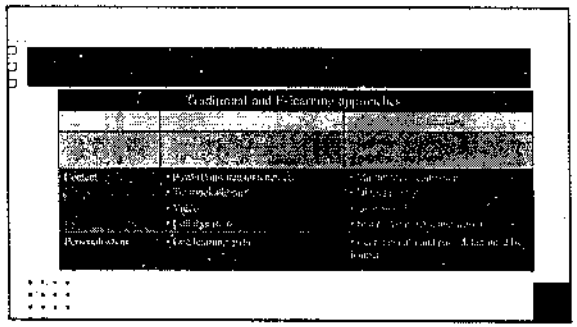
Chalk-and-board has long ruled the classrooms
- will not be eliminated
- Less emphasis

Interactive Digital Content:
- more emphasis
- on demand learning
- interactive









- In an on-line multimedia learning environment:
  - teaching & learning is 'one-to-one' (individual)
  - more interactivity (in normal classroom, it varies with the class size)
  - learner-centred
  - Learner monitoring & grading system

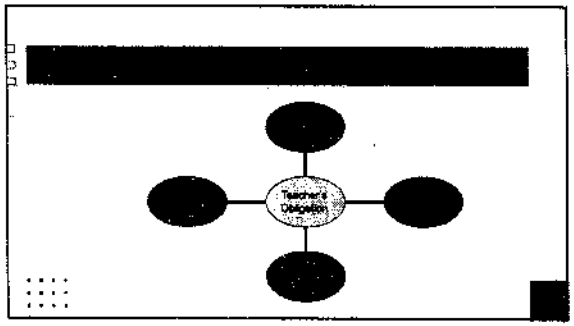
- Self-service (mix and match)
- On-demand (anytime, anywhere)
- Private learning
- Self-paced
- Flexibility: (modular package)

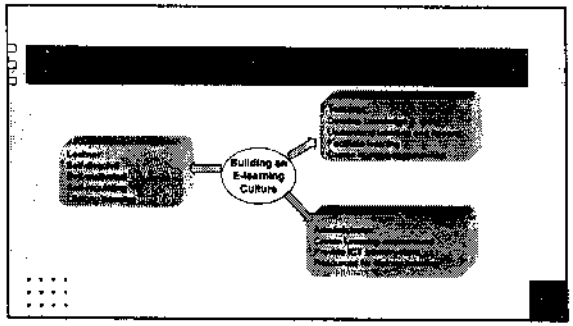


- Virtual learning environment
- Share lessons among schools
- Reduce material cost
- Reduce travel/accommodation costs

- Central control of content
- Same quality of content for all
- Same quality of education for all

- Media-rich
  - Easier to understand & more engaging
- Repeatable
  - As many times as you like
- Easier to monitor progress
  - less administrative work
  - can be more precise





- Asynchronous discussion forum
- Teacher can create discussion groups
- Teacher could post a question and request students to comment
- Students can post their comments
- Can encourage community participation
- Collaborative learning can be fostered
- Feedback from diverse culture

- Wide range of materials available
- Teacher will need to narrow down
- It is a resource centre
- Sharing of resources
- Supported by images, audio, simulation and multimedia

- Management of content
- Tracking students
- Administrative features
- Integration with various tools such as chat, forum, e-mail, etc.
- Reporting
- Demo... of Multimedia Learning System(MMLS)

- Coffee Bean Approach
- Traditional
- Beginning by accepting Change
- Evolving
- Consolidating
- Advanced
- e-learning/ digital classroom

3. The Role of Educational Technology(ICT) and E-Learning during COVID-19

Its Impact on the Higher Education Sector in India

- COVID-19 Pandemic motivates educators to make use of new technologies to enhance teaching, learning, and overall education performance.
- COVID-19 pandemic has presented a need for greater integration of technology as a platform and environment to educate students.
- The distance learning tools implemented in response to the education crisis caused by the COVID-19 pandemic have revealed the potential of new technologies, especially those using e-Learning and Information and Communication Technologies (ICTs) in education.

- LMS
- MOODLE
- Google Docs
- Flipped Classroom
- Google Classroom
- Video Creation & Editing

- **Platforms Used**
  - Google meet
  - Zoom
  - Cisco-Webex
  - MS Team
  - Goto Webinar.....

- Shift from Pedagogy to Andragogy
  - (1)Adults need to know why they need to learn something
  - (2)Adults need to learn experientially,
  - (3)Adults approach learning as problem-solving, and
  - (4)Adults learn best when the topic is of immediate value.
- Distance Education
- Value Added Courses from premier institutions like IIMs also possible.
- ISTD has changed mode of delivery first time.

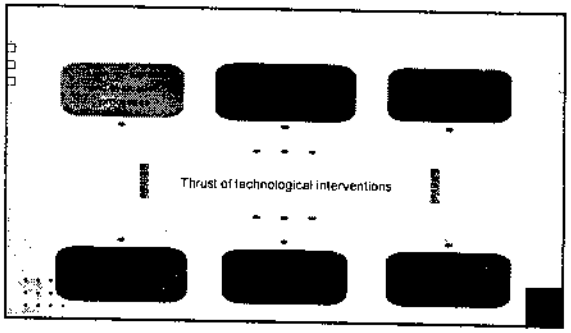


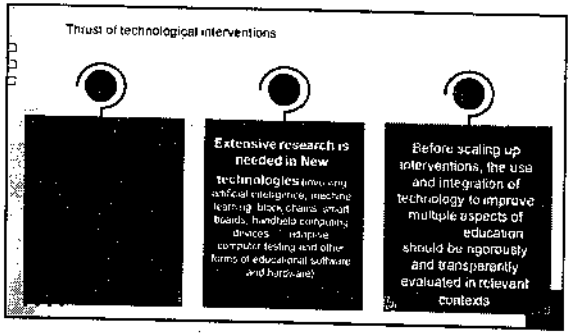
- E-Learning seems to be the forthcoming trend; it has been extending widespread. The online method of learning is best suited for everyone.
- e-Learning has become quite popular among students across the world particularly.

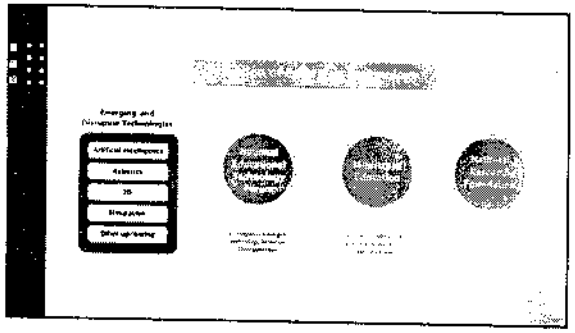
4. NEP-2020 & ICT

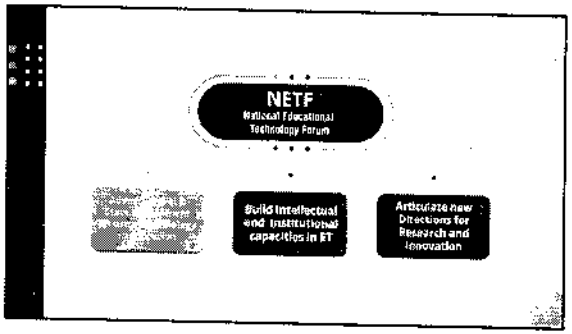
Online and Digital Education: Ensuring Equitable Use of Technology

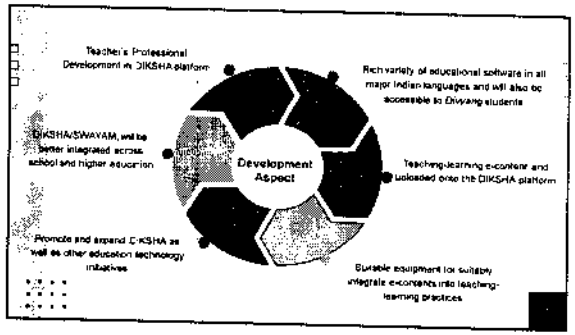
- Digital India Campaign is helping to transform the entire nation into a digitally empowered society and knowledge economy.
- Educational technology will play an important role in the improvement of educational processes and outcomes.
- Relationship between technology and education at all levels is bi-directional
- Extensive use of technology in teaching and learning, removing language barriers, increasing access for Divyang students, and educational planning and management.

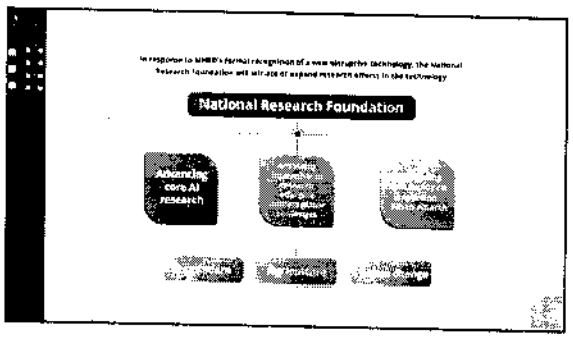


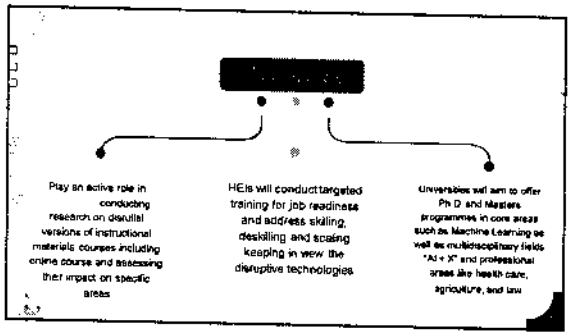


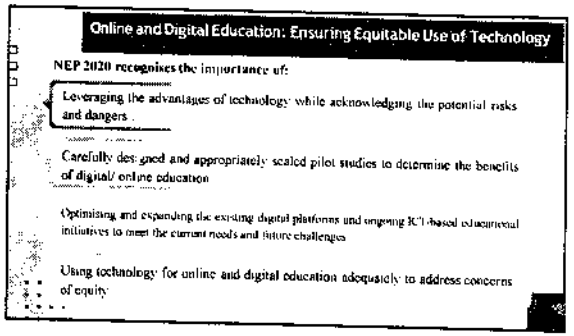


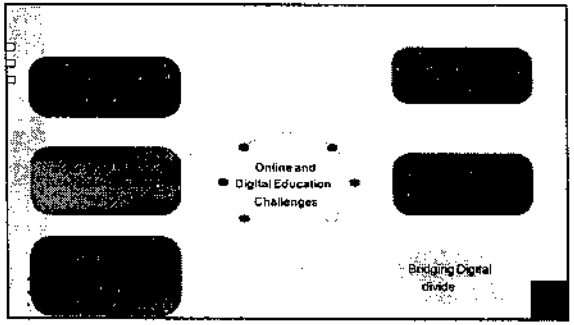

NETF
National Educational Technology Forum
Builds intellectual and institutional capacities in ET
Articulate new Directions for Research and Innovation

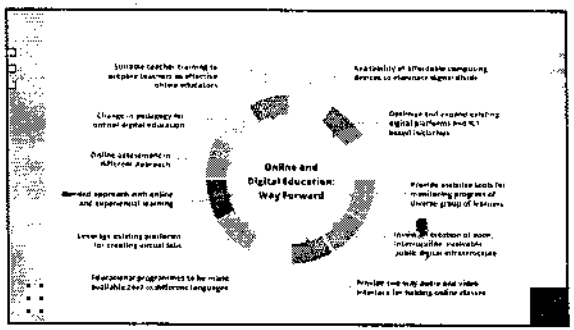

Teacher's Professional Development in DIKSHA platform
Rich variety of educational software in all major Indian languages and will also be accessible to Divyang students
DIKSHA/SWAYAM, will be better integrated across school and higher education
Development Aspect
Teaching-learning e-content and uploaded onto the DIKSHA platform
Promote and expand DIKSHA as well as other education technology initiatives
Suitable equipment for suitably integrate e-contents into teaching-learning practices

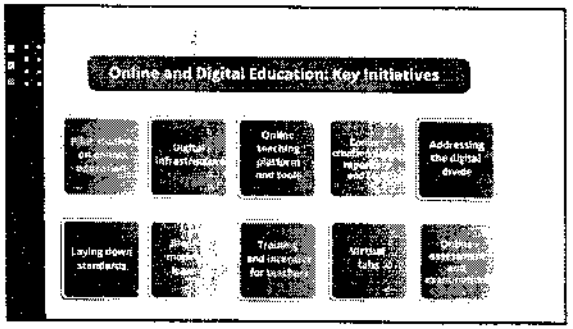

National Research Foundation

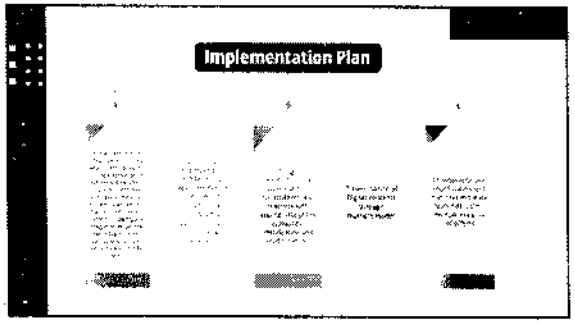

Play an active role in conducting research on distillal versions of instructional materials courses including online course and assessing their impact on specific areas
HEIs will conduct targeted training for job readiness and address skilling, deskilling and scaling keeping in view the disruptive technologies
Universities will aim to offer Ph D and Masters programmes in core areas such as Machine Learning as well as multidisciplinary fields "AI + X" and professional areas like health care, agriculture, and law

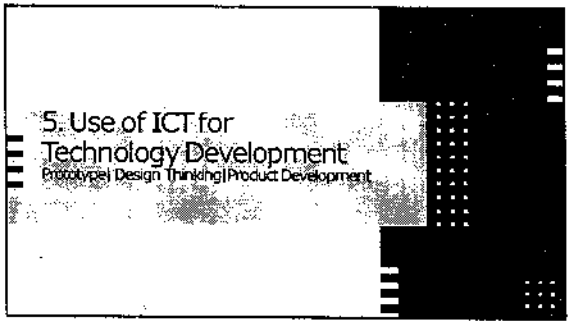

Online and Digital Education: Ensuring Equitable Use of Technology
NEP 2020 recognises the importance of:
Leveraging the advantages of technology while acknowledging the potential risks and dangers
Carefully designed and appropriately scaled pilot studies to determine the benefits of digital/ online education
Optimising and expanding the existing digital platforms and ongoing ICT-based educational initiatives to meet the current needs and future challenges
Using technology for online and digital education adequately to address concerns of equity

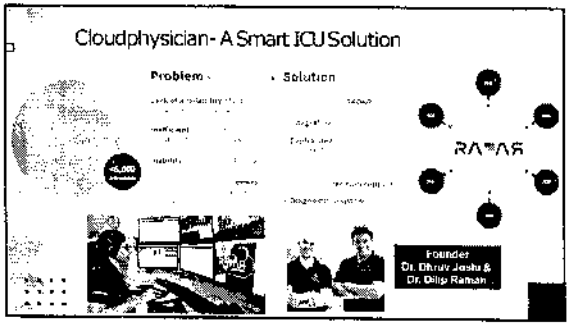

Online and
Digital Education
Challenges
Bridging Digital
divide


Online and
Digital Education:
Way Forward

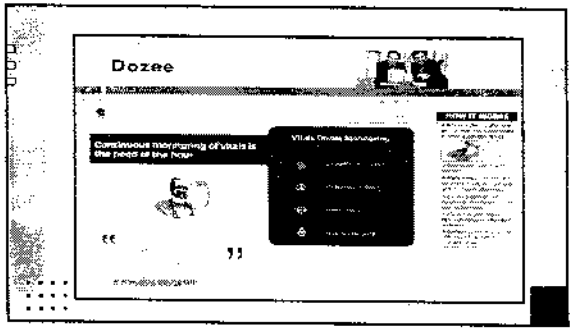

Online and Digital Education: Key Initiatives
Addressing the digital divide
Laying down standards
Training and incentives for teachers
Virtual labs

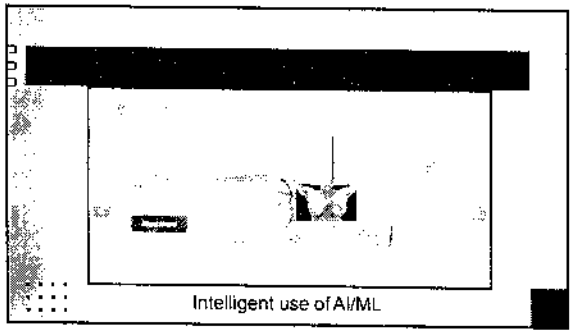

Implementation Plan

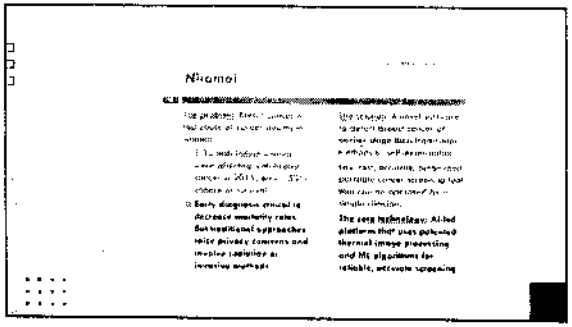

5. Use of ICT for
Technology Development
Prototype| Design Thinking| Product Development

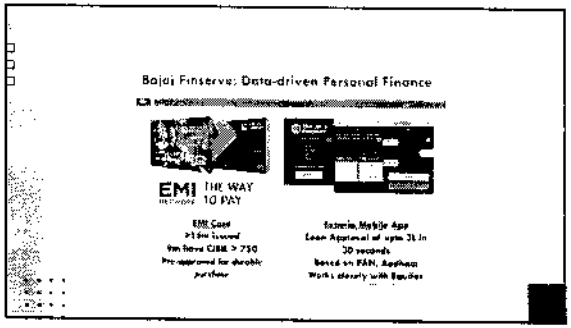

Cloudphysician- A Smart ICU Solution
Problem
Solution
RAMAS
Founder
Dr. Dhruv Jeshu &
Dr. Dilip Raman

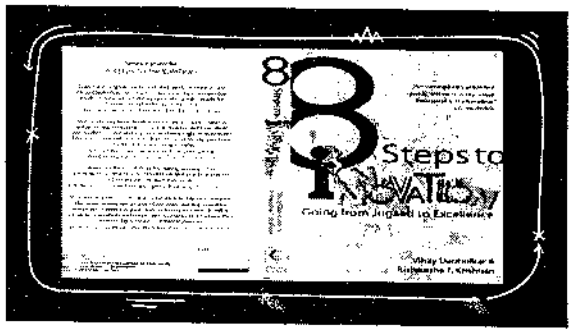
- Contactless patient monitoring & Early Warning System for Step down ICU & HDU units.
- Dozee is the pioneer in contactless, continuous remote patient monitoring (RPM) in hospitals & at home, delivering unparallel patient safety & maximize utilization of ICU beds.

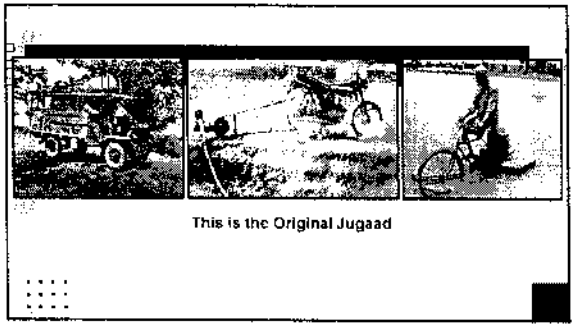




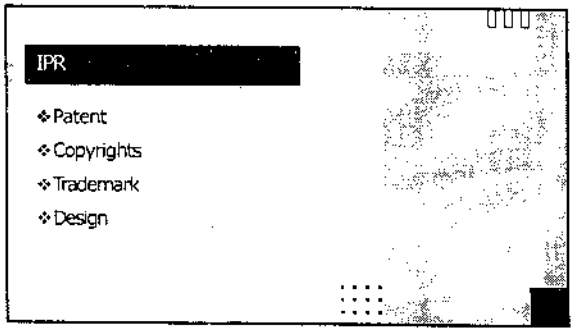


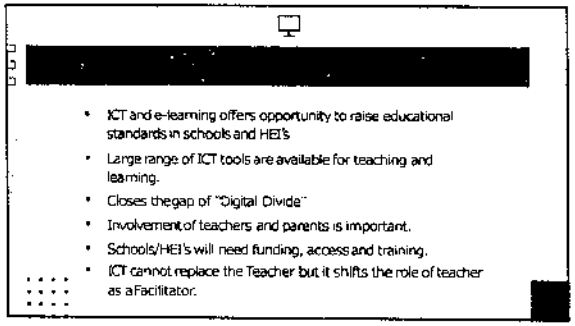




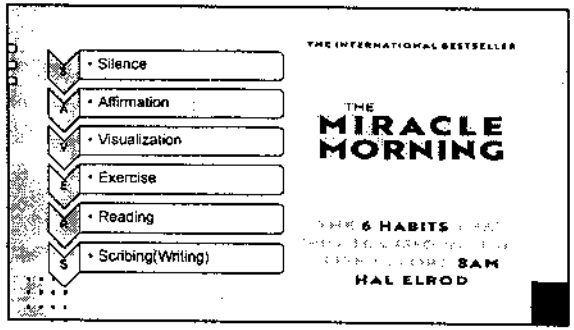

This is the Original Jugaad

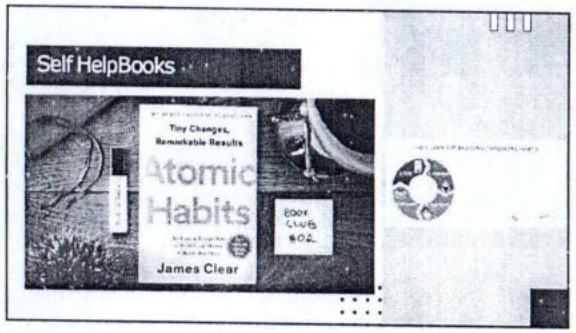

Jaipur Foot: Prosthetic Limb

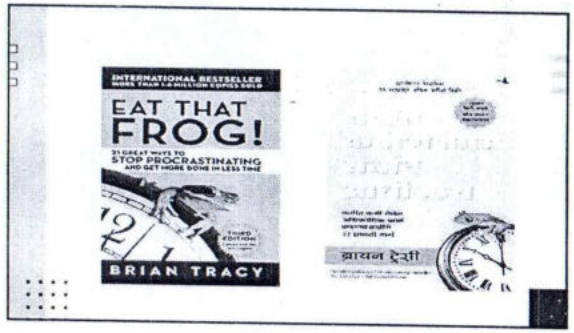

IPR
Patent
Copyrights
Trademark
Design

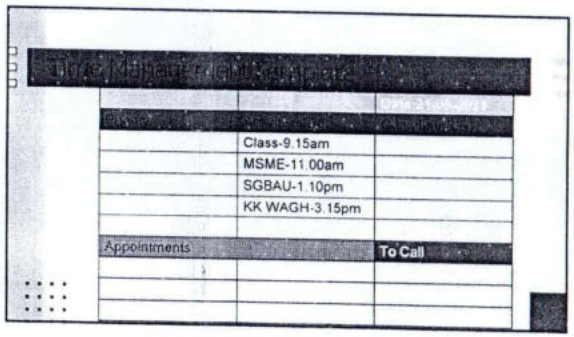

ICT and e-learning offers opportunity to raise educational standards in schools and HEI's
Large range of ICT tools are available for teaching and learning.
Closes the gap of "Digital Divide"
Involvement of teachers and parents is important.
Schools/HEI's will need funding, access and training.
ICT cannot replace the Teacher but it shifts the role of teacher as a Facilitator.

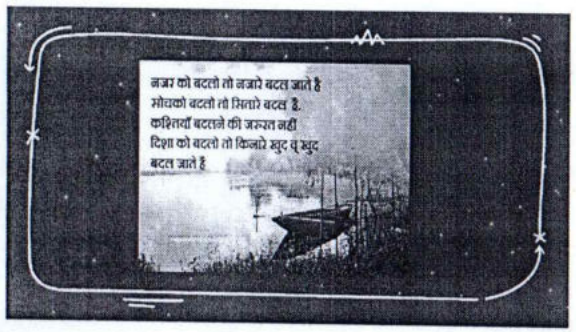

6. Take Home...
Life SAVERS Approach


Silence
Affirmation
Visualization
Exercise
Reading
Scribing(Writing)
THE INTERNATIONAL BESTSELLER
THE MIRACLE MORNING
THE 6 HABITS
SAM
HAL ELROD


Self HelpBooks
Tiny Changes, Remarkable Results
Atomic Habits
James Clear
BOOK CLUB


INTERNATIONAL BESTSELLER
EAT THAT FROG!
21 GREAT WAYS TO STOP PROCRASTINATING AND GET MORE DONE IN LESS TIME
BRIAN TRACY
ब्रायन ट्रेसी


Class-9.15am
MSME-11.00am
SGBAU-1.10pm
KK WAGH-3.15pm
Appointments
To Call


नजर को बदलो तो नजारे बदल जाते है
सोचको बदलो तो सितारे बदल है.
कश्तियाँ बदलने की जरूरत नही
दिशा को बदलो तो किनारे खुद व् खुद
बदल जाते है


Thanks!
Any questions?
You can find me at:
nileshugemuge@gmail.com
9175786330
71

P. R. Pote Patil
College of Engineering & Management, Amravati

ISTE Sponsored

Online STTP on

"Cognitive and Technical Skill for Modern Classroom Delivery"

(From: 21/06/2021 To 26/06/2021)

Role of Virtual Lab in Online Teaching Learning.



Presented By : Ms. Prachi V. Kale
P.R.P.C.E. & M., Amravati

- The rapid transition from college classrooms to online classes in the wake of COVID-19 has given faculty members little to no time for planning and preparation.
- Challenging pedagogical issues must still be addressed, particularly regarding the best way to educate undergraduates in online mode.

Modes of Online Teaching

- Virtual Classroom
- Virtual Labs
- Google Classroom

Virtual Classroom

- Learn What you need , when you need and where you need

- An Online learning environment that allows for live interaction between the tutor and the learners as they are participating in learning activities.
- Shared Space

Why Virtual Classroom

- It brings participants from different geographical locations.
- All types of digital media can be integrated
- Interaction between the instructor and participants via application sharing

- Sharing Documents
- Chats
- Annotate
- Whiteboard

Key Features

- Can be applied to create learning spaces that transcend safety or distance parameters.
- Allows learner to Visualize or enact learning scenarios through active engagement.

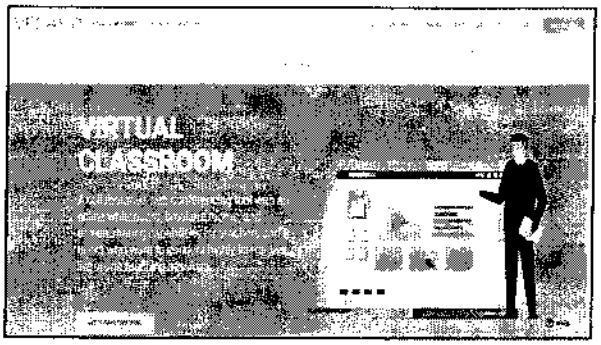
Difference

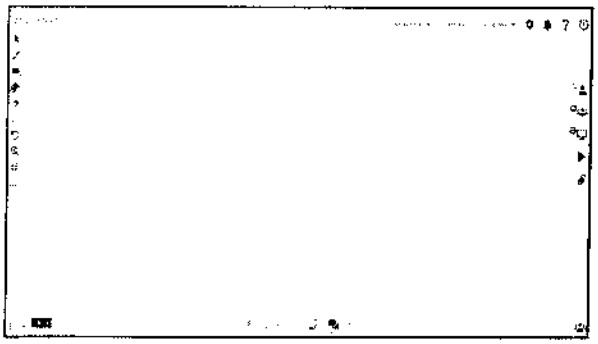
Traditional Classroom	Virtual Classroom
Learning is limited to Classroom only	The Virtual classroom surpasses the boundaries of location, time and space providing a flexible learning environment for all.
Instructor have to explain the concept in a repetitive mode if two batches are conducted separately	Class recording can be done & learners can view the recorded video any number of times
The cost for the infrastructure , travel & use of learning material is high	The cost for the infrastructure , travel & use of learning material is relatively less

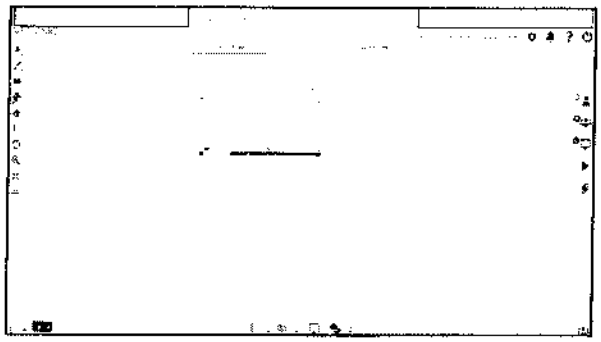
For effective learning through Virtual Classroom is to have the Internet

VEDAMO – Virtual Classroom

- The Virtual Classroom which provides a browser based Virtual Classroom
- No need of additional Software to download
- Features- Cloud Recording , interactive whiteboard , Screen Sharing ,Polls & Surveys







How to Use

https://www.vedamo.com/

Virtual Lab

"If we want to teach people a new way of thinking, don't bother trying to teach them. Instead, give them a tool, the use of which will lead to new ways of thinking." so is the Virtual lab

- Why to go with Virtual Labs?
- What are the features of Virtual Lab?
- How to use the Virtual Lab?

Virtual Lab

- Physical distances and the lack of resources make us unable to perform experiments especially when they involve sophisticated instruments.
- The Good Teachers are always a scare resource.

- Aim behind using the Virtual labs is to provide remote access to laboratories
- Develop a complete learning management system.
- Virtual labs help the students to practice and learn
- Virtual labs is a project initiated by the MHRD , Government of India

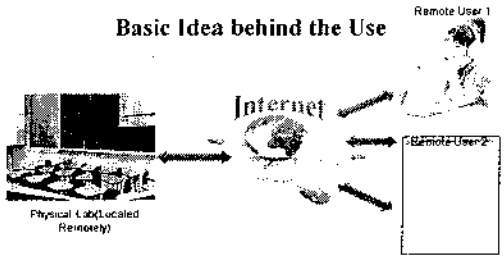
Features

- Anytime Anywhere Lab
- These are free to Use
- Accessible through Internet on any PC/Laptop
- Developed in Self Learning Mode
- Innovative Experiments
- Over 100 Virtual Labs are already been developed

Motivation

- Physical Distance limit doing the experiments
- Sharing of Costly Equipment
- Proliferation of Quality Labs

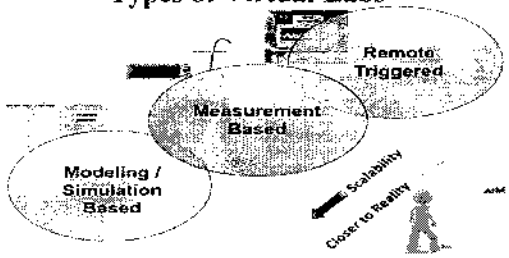
Basic Idea behind the Use



Difference

Physical Labs	Virtual Labs
Typically in few Lakhs Rupees	Almost Nil(Only the existing PC with network connection is needed)
Limited in time & Space	Designed for 24*7 Usage
Limited Option for innovation	Provides wider and safer option for innovative experimentation e.g. High Voltage lab, Mechanical design lab, biomedical , civil engg structures labs

Types of Virtual Labs



Users

- College Students
- Different Engineering Colleges
- Researchers in different institutes

Broad Areas of Virtual Lab

- Physical Science
- Chemical Science
- Biomedical & Biotechnological Engineering
- Chemical Engineering
- Others such as EXTC , CSE , ELECTRICAL, MECHNICAL,CIVIL

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Experiment: Energy band Gap

http://vlabs.iitb.ac.in/vlabs-dev/labs/physics-basics/labs/energy-band-gap/iitk/simulation.html

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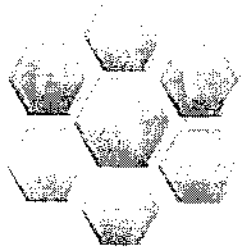

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Conclusion

- Virtual laboratories are popping up in school districts and online learning curriculum across the country and making it easier and less expensive for students to do experiments remotely
- Such kind of educational technology provides an advanced individualized learning perfectly
- It meets the educational needs and provides a high level of flexibility and freedom.
- There will be no constrains of time and place

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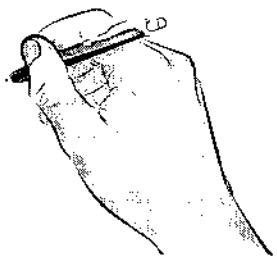

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CERTIFICATE

This is to certify that

ZAID B HAVALDAR

of A.E.KALSEKAR DEGREE COLLEGE

has attended Online One Week Short-Term Training Programme on **"COGNITIVE TECHNICAL SKILLS FOR MODERN CLASSROOM DELIVERY"** sponsored by Indian Society for Technical Education (ISTE), New Delhi during **21/06/2021** to **26/06/2021** Organised by Department of **Applied Science & Humanities** of **P. R. Pote (Patil) College of Engineering & Management, Amravati.**

Dr.S.A.Khapre/Dr.S.P.Shahare
Programme Coordinator

Dr. A.D. Bhoyar
Programme Convenor

Dr. A. V. Kale
Principal

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Programme Coordinator	**Programme Convenor**	**Principal**

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Nitin Sampat Abhale

of Sanjivani College of Engineering

has attended Online One Week Short-Term Training Programme on **"COGNITIVE TECHNICAL SKILLS FOR MODERN CLASSROOM DELIVERY"** sponsored by Indian Society for Technical Education (ISTE), New Delhi during **21/06/2021** to **26/06/2021** Organised by Department of **Applied Science & Humanities** of **P. R. Pote (Patil) College of Engineering & Management, Amravati.**

Dr.S.A.Khapre/Dr.S.P.Shahare	**Dr. A.D. Bhoyar**	**Dr. A. V. Kale**
Programme Coordinator	**Programme Convenor**	**Principal**

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Mr.G.VICTOR JEYACHANDRA

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Dr.S.A.Khapre/Dr.S.P.Shahare	**Dr. A.D. Bhoyar**	**Dr. A. V. Kale**
Programme Coordinator	**Programme Convenor**	**Principal**

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This is to certify that

Manoharsinh R. Jadeja

of Atmiya University

has attended Online One Week Short-Term Training Programme on **"COGNITIVE TECHNICAL SKILLS FOR MODERN CLASSROOM DELIVERY"** sponsored by Indian Society for Technical Education (ISTE), New Delhi during **21/06/2021** to **26/06/2021** Organised by Department of **Applied Science & Humanities** of **P. R. Pote (Patil) College of Engineering & Management, Amravati.**

Dr.S.A.Khapre/Dr.S.P.Shahare	**Dr. A.D. Bhoyar**	**Dr. A. V. Kale**
Programme Coordinator	**Programme Convenor**	**Principal**

"Shri Gajanan Maharaj Prasanna

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Ph. No. 0721-2530342, 44, 2530089 Fax No. : 0721-2530341
Email : prpotepatilcollege@gmail.com

Ref. : STTP / APPRE / Outward / 22/28/06/2021

Date : 28/06/20

Appreciation Letter

To,

Dr. Nilesh Ugemuge
Assistant Professor,
Department of Physics,
ANC, Warora

Subject: Appreciation Letter delivering a Session for Online STTP on "Cognitive Technical Skills for Modern Classroom Delivery"

Dear Sir,

We, the Department of Applied Science and Humanities of P.R.P.C.E. & M., Amravati organized Online One Week STTP on "Cognitive Technical Skills for Modern Classroom Delivery" From 21st June to 26th June 2021.

In view of the same, for the appreciation and gratitude from the Our Institution, this letter is being issued for your valuable time and efforts for smooth conduction of the session. Your cooperation has made this STTP a grand success. We would like to thank you for such a wonderful delivery and hope for new collaborations in future.

Schedule date of Session: 21/06/2021

Thank you.

Dr. S. A. Khapre Dr.S.P.Shahare
STTP Coordinators

Dr.A.D.Bhoyar
STTP Convener

Dr. A. V. Kale
Principal

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Ph. No. 0721-2530342, 44, 2530089 Fax No. 0721-2530341
Email : prpotepatilcollege@gmail.com

No.: STTP/APPRE/Outward/22/28/06/2021 Date: 28/06/2021

Appreciation Letter

To,

Mr. A. R. Pawade
Assistant Professor,
PRPCEM, Amravati

Subject: Appreciation Letter delivering a Session for Online STTP on "Cognitive Technical Skills for Modern Classroom Delivery"

Dear Sir,

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Schedule date of Session: 22/06/2021

Thank you.

Dr. S. A. Khapre, Dr.S.P.Shahare	Dr.A.D.Bhoyar	Dr. A. V. Kale
STTP Coordinators	**STTP Convener**	**Principal**

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Email : prpotepatilcollege@gmail.com

Ref.: STTP/APPRE/outward/22/28/06/2021 Date: 28/06/202

Appreciation Letter

To,

Prof. Nitin Patil
Director, IT Cell
Assistant Professor,
Department of computer science
Savitribai Phule Pune University

Subject: Appreciation Letter delivering a Session for Online STTP on "Cognitive Technical Skills for Modern Classroom Delivery"

Dear Sir,

We, the Department of Applied Science and Humanities of P.R.P.C.E. & M., Amravati organized Online One Week STTP on "Cognitive Technical Skills for Modern Classroom Delivery" From 21st June to 26th June 2021.

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Scheduled date of Session: 23-24/06/2021

Thank you.

Dr. S. A. Khapre Dr.S.P.Shahare
STTP Coordinators

Dr.A.D.Bhoyar
STTP Convener

Dr. A. V. Kale
Principal

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Email : prpotepatilcollege@gmail.com

Ref.: STTP/APPRE/outwoard/22/28/06/2021 Date: 28/06/202

Appreciation Letter

To,

Prof. P. V. Kale
Assistant Professor,
PRPCEM, Amravati

Subject: Appreciation Letter delivering a Session for Online STTP on "**Cognitive Technical Skills for Modern Classroom Delivery**"

Dear Sir,

We, the Department of Applied Science and Humanities of P.R.P.C.E. & M., Amravati organized Online One Week STTP on "Cognitive Technical Skills for Modern Classroom Delivery" From 21st June to 26th June 2021.

In view of the same, for the appreciation and gratitude from the Our Institution, this letter is being issued for your valuable time and efforts for smooth conduction of the session. Your cooperation has made this STTP a grand success. We would like to thank you for such a wonderful delivery and hope for new collaborations in future.

Scheduled date of Session: 25/06/2021

Thank you.

Dr. S. A. Khapre Dr.S.P.Shahare — **STTP Coordinators**

Dr.A.D.Bhoyar — **STTP Convener**

Dr. A. V. Kale — **Principal**

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Email : prpotepatilcollege@gmail.com

Ref. : STTP/APPRE/outward/22/28/06/2021 Date : 28/06/202

Appreciation Letter

To,

Mr. Abhishek Acharya
CEO, DIZVIZ Production House,
Chandrapur

Subject: Appreciation Letter delivering a Session for Online STTP on "Cognitive Technical Skills for Modern Classroom Delivery"

Dear Sir,

We, the Department of Applied Science and Humanities of P.R.P.C.E. & M., Amravati organized Online One Week STTP on "Cognitive Technical Skills for Modern Classroom Delivery" From 21st June to 26th June 2021.

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Scheduled date of Session: 26/06/2021

Thank you.

Dr. S. A. Khapre Dr.S.P.Shahare — **STTP Coordinators**

Dr.A.B.Bhoyar — **STTP Convener**

Dr. A. V. Kale — **Principal**

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Department of Applied Science and Humanities
ISTE Sponsored

Online STTP on
"Cognitive Technical Skills for Modern Classroom Delivery"
(From: 21/06/2021 To 26/06/2021)

Details of Expenditure for the program

Sr. No	Particulars	Amount (Rs.)
1	ISTE Sponsorship Fees	1180/-
2	Day 1- Lecture (Honorarium- Speaker 1)	3000/-
3	Day 2- Lecture (Honorarium- Speaker 2)	2000/-
4	Day 3- Lecture (Honorarium- Speaker 3)	3000/-
5	Day 4- Lecture (Honorarium- Speaker 4)	3000/-
6	Day 5- Lecture (Honorarium- Speaker 5)	2000/-
7	Day 6- Lecture (Honorarium- Speaker 6)	3000/-
Total Expenditure		17,180/-

(Dr. S. A. Khapre)
Assistant Professor

(Dr. S. P. Shahare)
Assistant Professor,

STTP Coordinator

List of Participants (Registered for the Program

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meenalnachi1983@gmail.com	Dr. N. Meenal	Assistant Professor	Ph.D	J. J. College of Arts and Science (A), Pudukkottai	Mathematics	9942503106	No
dd849220@gmail.com	Mr DEEPAK N	Assistant Professor	B.E / B.Tech	JJ COLLEGE OF ARTS AND SCIENCE(AUTONOMOUS)PUDUKKOTTAI	Maths	9345348677	No
muthusep24@gmail.com	Ms. P. Muthuselvi	Assistant Professor	Other :	J.J. College Of Arts and Science (A), Pudukkottai	PG and Research	9688298875	No
arunkamble47@gmail.com	Arun Ramchandra Kamble	Other :	Other :	Government Polytechnic Khamgaon	Science	9767473401	No
hemaraghav74@gmail.com	Dr.P.HEMA	Assistant Professor	Ph.D	RMK COLLEGE OF ENGINEERING AND TECHNOLOGY	Mathematics	9600079924	No
Nikhil.karale10@gmail.com	NIKHIL KARALE	Assistant Professor	M.E / M.Tech	DRGIT&R Amravati	CSE	9370222523	NO
st1731982@gmail.com	Dr. S. A. Bhojne	Assistant Professor	Ph.D	PRPCEM, AMRAVATI	Applied science ar	8668898598	LM125195
devivishagan22@gmail.com	Dr.M.Parimaladevi	Assistant Professor	Ph.D	sri bharathi arts and science college for women, ksikurichi	Mathematics	09113550553	No
nsanmugapriya85@gmail.com	Mrs.S.SANMUGAPRIYA	Assistant Professor	Other :	Sri Bharathi Arts and Science College For Women, Kaikkurichi, Pudukkottai	Mathematics	96984 35266	No
nileshghotkar21@gmail.com	Dr. N. S. Ghotkar	Assistant Professor	Ph.D	Dr. Sau. K. G. I. E. T. Darapur	A. S. H.	9421789043	LM 81983
johnmathsjjc@gmail.com	Dr. J. JOHN FLAVIA	Assistant Professor	Ph.D	J. J College of Arts and Science (A), Pudukkottai	Mathematics	9788185349	No
premilakollur@gmail.com	DR PREMILA KOLLUR	Assistant Professor	Ph.D	AMTA GOVT FIRST GRADE COLLEGE ALAND	Mathematics	9741332709	No
shivanidharmale.10@gmail.com	Prof.Shivani Dharmale	Assistant Professor	M.E / M.Tech	Dr.Rajendra Gode Institute of Technology and Research	Electronics and Te	9422667241	No
smitakalmegh@gmail.com	Prof. Smita Vijay Kalmegh	Assistant Professor	M.E / M.Tech	PRPCEM Amravati	Electrical Enginee	9960919981	LM 123725
rmkharate73@gmail.com	Dr. Rajesh M Kharate	Associate Professor	Ph.D	Shri Sant Gajanan Maharaj college of engineering shegaon	Applied Sciences	9423445822	LM 43203
alpiry@gmail.com	SENTHILKUMAR G	Assistant Professor	M.E / M.Tech	JJ College of Arts and Science Autonomous	Physics	6369709575	No
kujjawala@gmail.com	Kamble Ujwala Shamrao	Other :	Other :	Government Residence women Polytechnic, Tasgaon	Mathematics	9766252441	LM126137
meanth222@gmail.com	MEENA C	Assistant Professor	Other :	M.A.M SCHOOL OF ENGINEERING	MATHEMATICS	9842985298	No
rnamseonlineclasses@gmail.co	Dr.P.Lilly Florence	Professor	Ph.D	M.A.M.School of Engineering,Trichy	Chemistry	9345690431	No
gajbhiye.spit@gmail.com	Mr.Chandrashekhar Ramesh Gaj	Assistant Professor	Other :	Sardar Patel Institute of Technology Andheri West Mumbai	Mathematics	8169894742	Yes LM 541
pritam.gujarathi@gmail.com	Dr. Pritam Chetan Wani	Assistant Professor	Ph.D	Ramrao Adik Institute of Technology Nerul	Engineering Scien	9018324147	6791
mamata009@gmail.com	Mrs. Mamata B. Patil	Assistant Professor	Other :	Vidyavardhini's College of engineering and technology , vasai	FE	9969526670	LM62814
berbethmary@gmail.com	Dr. S. Berbeth Mary	Assistant Professor	Ph.D	MAM School of Engineering, Trichy	Physics	9715633325	NO
shindesanjaykumar227@gmail	Sanjaykumar M. Shinde	Assistant Professor	Other :	Government College of Engineering, Amravati	Mathematics	09511729335 ,	No
pritam.more@dypvp.edu.in	Mrs. Pritam More	Assistant Professor	M.E / M.Tech	Dr. D. Y. Patil Institute of Technology, Pimpri, Pune	Electrical	9561368807	No
vijay.patil@rait.ac.in	Dr. Vijay Bhika Patil	Assistant Professor	Ph.D	RAIT, NERUL, NAVI MUMBAI	Engineering Scien	09096127012	LM128811
kiruthikapriya17@gmail.com	Ms.M.Kiruthika	Assistant Professor	Other :	Hindusthan College of Engineering and Technology Coimbatore	Mathematics	9677642061	No
kavimathsjjc@gmail.com	Dr. M. KAVITHA	Assistant Professor	Ph.D	J J College of Arts and Science (A), Pudukkottai	Mathematics	9786138270	No
reshmakapse10@gmail.com	Mrs. Reshma Maharudra Kapse	Assistant Professor	Other :	JSPM Narhe Technical Campus, Pune	Engineering Scien	9823236737	NO
sneha.bhat@dypvp.edu.in	Sneha Bhat	Assistant Professor	M.E / M.Tech	Dr. D. Y. Patil Institute of Technology, Pimpri, Pune-18	Computer Enginee	7768005803	No
asha.cse@sathyabama.ac.in	Dr. P. Asha	Assistant Professor	Ph.D	Sathyabama Institute of Science and Technology	Computer Science	9944992337	LM124095
amar9205@gmail.com	Amar Damodar Patil	Assistant Professor	M.E / M.Tech	Dr. D. Y. Patil Pratishthan's College of Engineering, Salokhenagar, Kolhapur.	Civil Engineering	8793742822	LM 119457
pravin.1900@gmail.com	Dr. Pravin Anandrao Pawar	Assistant Professor	Ph.D	Ashokrao Mane Group of Institutions, Vathar, Kolhapur	Mechanical	8551085980	NO
beulahpradeep18@gmail.com	Beulah Elizabeth F	Assistant Professor	Other :	M. A. M. School of Engineering	Chemistry	9095457831	No
nvnb45@gmail.com	Dr. Narendrababu NV	Associate Professor	Ph.D	Sanjivani College of Engineering	Engineering Scien	7385094032	No
joshilagracejebin@gmail.com	Dr. Joshila Grace.L.K	Assistant Professor	Ph.D	Sathyabama Institute of Science and Technology	Computer Science	9943909789	No
mangrulkardipak@gmail.com	Dipak Gopalrao Mangrulkar	Assistant Professor	M.E / M.Tech	Bajaj institute of technology wardha	Civil Department	08007704949	LM 60393
agilram@gmail.com	Dr.P.AGILAN	Assistant Professor	Ph.D	St.Joseph's College of Engineering OMR Chennai	Mathematics	9789643221	No
jose30102003@gmail.com	Dr.N.Jose Parvin Praveena	Assistant Professor	Ph.D	St.Joseph's College of Engineering	Mathematics	9176250241	NO

manoharsinh.jadeja@atmiyaun	Mr. Parag D. Ajani Manoharsinh R. Jadeja	Assistant Professor Assistant Pro	Other : Other :	ATMIYA University, Rajkot Atmiya University	Mathematics	9909986867	No
dhavalvyas77@gmail.com	Dhaval Mahendrabhai Vyas	Assistant Professor	Other :	VVP Engineering College, Rajkot, Gujarat	Department of Ma	9723653951	NO
satatte@gmail.com	Shilpa Khapre	Assistant Professor	Ph.D	PRPCEM	Applied Science &	9824418020	NO
svb19233@gmail.com	Sarang v bhonde	Assistant Professor	M.E / M.Tech	Prpcem	First year	9834358486	Yes
pallavimankar11@gmail.com	Pallavi Marotirao Mankar	Assistant Professor	M.E / M.Tech	Prpcem	EE	7588545732	No
mkaushik@jpr.amity.edu	Dr. Manju Kaushik	Associate Professor	Ph.D	Amity University Rajasthan	Ee	9545383444	LM 123709
arti.gvm@gmail.com	Dr. Arti Kaushik	Assistant Professor	Ph.D	G.V.M College of Education , Sonipat	AIIT	9887871190	LM-115160
tondresomdatta@gmail.com	Dr.Somdatta M. Tondre	Assistant Professor	Ph.D	P R Pote College of Engineering and Management Amravati	Education	9050070060	No
pritee.rane@gmail.com	Pritee R. Rane	Assistant Professor	M.E / M.Tech	P.R.Pote(Patil) College of Engineering and Management, Amaravti	Mechanical Engine	9422153885	No
ahpparag@gmail.com	Parag Ramrao Wadnerkar	Associate Professor	Ph.D	PRPCEM	Electrical	9860529055	LM 123708
nikhil041087deshmukh@gmail.	Prof.N.R.Deshmukh	Assistant Professor	M.E / M.Tech	PRPCEM Amravati	Mechanical	9422193566	LM 17169
sambharepraful832@gmail.con	Praful B Sambhare	Assistant Professor	M.E / M.Tech	PRPCEM	Mechanical Engg	9890208329	No
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mohansubramanian89@gmail.(	Mohan S	Assistant Professor	Other :	J.J College of Arts and Science (Autonomous), Pudukkottai	Computer Science	9665403081	no
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rautsd1810@gmail.com	Sachin D. Raut	Assistant Professor	MBA	P.R. POTE (PATIL) COLLEGE OF ENGINEERING AND MANAGEMENT, AMRAVATI	ARCHITECTURE	9890604471	NO
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poojabudasi@gmail.com	Pooja Bhagchand Udasi	Assistant Professor	MBA	PRPCEM	MBA	9960048858	No
parnal2020@gmail.com	Parnal Prakash Pawade	Assistant Professor	M.E / M.Tech	P. R. Pote Patil College of Engineering & Management Amravati	MBA	09545601455	NO
harishai2409@gmail.com	Dr.T.Kalaiselvi	Assistant Professor	Ph.D	Assistant Professor	CSE	08149870522	LM124215
zikhan.prpcem@gmail.com	Zeeshan Ibtesam Khan	Assistant Professor	M.E / M.Tech	PRPCEM	Mathematics	7373487184	No
anandraj9095@gmail.com	Mr. A. Anandaraj	Assistant Professor	Other :	J. J. College of Arts & science (AUT), Pudukkottai.	CSE	08380008700	YES
prpcoaankushkhandare@gmail	Ankush Pandurang Khandare	Assistant Professor	Other :	P.R.Patil College Of Architecture	Mathematics	9095907729	No
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mechprpcem05@gmail.com	Shrikant Prabhakar Yeole	Assistant Professor	M.E / M.Tech	PRPCEM	Mechanical	09766604486	No
kalushrikant1@gmail.com	Shrikant G. Dalu	Assistant Professor	M.E / M.Tech	P R Pote College of Engineering & Management, Amravati	Mechanical	9960759355	LM 103692
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vaibhavmahalle1111@gmail.co	Vaibhav Mahalle	Assistant Professor	M.E / M.Tech	PRPCEM	CSE	9850303844	LM47434
rsontakke21@gmail.com	Prof. Sneha R. Sontakke	Assistant Professor	M.E / M.Tech	PRPCEM, Amravati	Civil	9730883984	No
natevaishali2@gmail.com	vaishali Bhagat	Assistant Professor	Ph.D	prpcem	CSE	8087881284	No
mechprpcem16@gmail.com	DINESH CHAVHAN	Assistant Professor	M.E / M.Tech	PRPCEM	CSE	7028026875	yes
sachinsaraf2014@gmail.com	Dr. Sachin S. Saraf	Assistant Professor	Ph.D	P. R. Pote Patil College of Engineering and Management Amravati	Mechanical Engg	9960250257	No
sunpreetkaurbedi@gmail.com	Sunpreet Kaur Nanda	Assistant Professor	M.E / M.Tech	PRPCEM	Civil	9822565805	77006
ahalleganesh56@gmail.com	Ganesh Shivlal Mahalle	Assistant Professor	M.E / M.Tech	P. R. Pote Patil college of Engineering and Management Amravati	ExTC	9673429952	Yes
uptigghongade04@gmail.com	Trupti G. Ghongade	Assistant Professor	M.E / M.Tech	P. R. Pote Patil College of Engineering and Management	Mechanical	9284499370	No
ogeshvyawahare@gmail.com	Dr. Yogesh Krishnarao Vyawahar	Assistant Professor	Ph.D	Mahatma Phule Arts and Science College, Patur, Dist. Akola	CSE	9860350243	No
alpanagnavalli@gmail.com	V Kalpana	Assistant Professor	Other :	JJ College of arts and science	Chemistry	9405349356	LM 77011
					Mathematics	9159447978	NO

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akhileshtayade18@gmail.com	Akhilesh A. Tayade	Assistant Prof	M.E / M.Tech	P. R. Pote college of engineering and gement Amravati	Computer science	8862037114	No
pritighutepatil@gmail.com	Dr. Priti Ghutepatil	Assistant Professor	Ph.D	Dr. D. Y. Patil Institute of Technology, Pimpri	Chemistry	7774036038	No

Date: 08/07/2021

To,

Principal,

P.R. Pote College of engineering and management Amravati

Subject: submission of STTP report file.

Respected sir,

With reference to the above subject we (Department of Applied Science and Humanities) have conducted the STTP on topic, "Cognitive Technical Skills for Modern Classroom Delivery" from: 21/06/2021 To 26/06/2021.We are submitting detail report and the necessary documents. Please accept it

Thanking you,

STTP Coordinator

Dr.S.A.Khapre

Dr.S.P.Shahare

HOD

Dr.N.R.Thakare

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P. R. Pote (Patil) College of Engineering & Management, Amravati

ISTE sponsored Two Week STTP on

"Pedagogy for Effective use of ICT in Engineering Education"

Organized by IQAC Cell,

from 26th April to 7th May 2021.

List of Documents-

1. Covering Letter
2. Program Proposal
3. Program sanctioned Letter by Statutory Body
4. Budget estimation for the Program
5. Schedule of Program
6. Details of organizing committee
7. Details of Guest Speakers/Trainers
8. Invitation letters to Guest Speaker
9. List of Participants registered for the Program
10. Session summary Report
11. Session feedback and outcomes
12. Resources details
13. Sample Certificates (Copy of at least 5-Certificates of participant)
14. Thanks letter to Guest Speaker
15. Expenditure details.
16. Publicity details- Cutouts of Newspapers if any

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INDIAN SOCIETY FOR TECHNICAL EDUCATION

FOUNDED 1958

SHORT-TERM TRAINING PROGRAMMES (STTPs)
(Self-Financed)

PROFORMA FOR SENDING PROPOSALS

(For Chapters of Indian Society for Technical Education)

(To be filled in by Coordinator)

1	Name and Address of Host Institution with Pin code	**Address:**P. R. Pote (Patil) Education & Welfare Trust's Group of Institutions College of Engineering & Management, Amravati, Maharashtra State Pin Code : 444203 Phone: 0721-2530342 Fax : 072102530341 Email:principal@prpcem.org, prpotepatilcollege@gmail.com	
2	Title of the Programme (This should convey the content & main thrust of the programme)	**"ONLINE STTP ON "PEDAGOGY FOR EFFECTIVE USE OF ICT IN ENGINEERING EDUCATION"**	
3	The Programme is intended for (Tick one only)	☐√ Teachers ☐ Working Professionals ☐ Others (specify) (Research Scholars)	
4	Name, Designation and Address of the Course Coordinator(s) (One Coordinator preferred. More than two not permissible)	**Dr. Sanjay B. Warkad,** Associate Professor, Department of Electrical Engg., P. R. Pote (Patil) College of Engg., & Mgmt., Amravati	**Dr. Gopal D. Dalvi,** Associate Professor, Department of Electronics & Telecomm. Engg., P. R. Pote (Patil) College of Engg., & Mgmt., Amravati
	Telephone, Mobile & Email of the Coordinator(s)	+917693896006 sbwarkad@gmail.com	+919834267607 dalvigopal80@gmail.com
	Highest Qualification of Coordinator(s)	Ph.D. (Electrical Engg.)	Ph.D. (Electronics Engg.)
	Area of Specialization	Electrical Power System, OBE	Electronics, OBE
	Teaching Experience (years)	24 Years	18 Years
	Industry Experience (years)	3 Years	-
	Number of papers published	45	15
	Number of Short-Term	07	03

	Courses of Summer/Winter Schools attended		
	Number of Short-Term Courses of Summer/Winter Schools conducted earlier	05	02
5	Specialization area for which the proposal is made (tick one only)	√☐Civil √☐ Mechanical √☐ Electrical √☐Electronics √☐ Computer Science ☐ Pharmacy ☐ Architecture	√☐Basic Sciences (Specify subject) ☐√Interdisciplinary (Specify areas covered) ☐ Others (specify)
6	The course is basically (Tick one only)	☐ Subject updating course ☐ Special course on Emerging areas √☐ Pedagogy ☐ Other (Specify)	
7	Whether the proposal covers any of the categories indicated (Tick one only)	☐ Industry-based programmes with substantial involvement of industry and its experts √☐ Education Technology/Methodology of teaching ☐ Training for technical supporting staff √☐ Emerging Area ☐ Others (specify)	
8	Duration of the programme (Tick one only)	☐ One week (minimum 5 working days) √☐ Two weeks (minimum 10 working days) ☐ Three weeks (minimum 15 working days) ☐ Four weeks (minimum 20 working days)	
9	Proposed dates for the Programme which may be changed later, if required	**From: 26/04/2021 To 07/05/2021**	
10	Do you have enough expertise within your institute and neighbouring places to offer the course satisfactorily? If NO, list the names and addresses of outside faculty needed. At least one faculty from IITs or NIITs	☐ Yes 1. Dr. S. B. Warkad, Professor, PRPCEM, Amravati 2. Dr. A. B. Gadicha, Assistant Professor, PRPCEM, Amravati	☐ NO Name of faculty from other Institutes 1. Mr. Amit Kumar, PGT, Ministry of Education, GoI 2. Dr. M. K. Khedkar, Professor, VNIT, Nagpur. 3. Dr. Vivek Nanoti, Principal, PIET, Nagpur 4. Dr. Mahendra Gaikwad, Professor, GHRCOE, Nagpur 5. Dr. Sudhir Lande, Professor, KBIET, Baramati 6. Dr. Manish Tongo, Associate Professor, PCE, Nagpur
COURSE DETAILS			

<table>
<tr><td>1</td><td>Significance & Objectives of the programme (list one or two major objectives)</td><td colspan="2">Engineering Educational technology is now ubiquitous; however, the potential of these technologies is lost without appropriate pedagogical strategies. Teachers at Engineering Institute not only need to have a knowledge of which ICT tools are relevant for education, but more importantly how to use them effectively for. This STTP programme focuses on which pedagogical strategies are effective while using ICT tools in a given teaching-learning situation. In this STTP programme, participants will begin by articulating the objectives for their course and explore tools appropriate for some pedagogical goals of engineering courses. Participants will learn effective strategies for teaching with these tools. The training programme will give participants several opportunities to apply these strategies to design materials and activities for their courses.
Main objective of this STTP is to make aware the Engineering faculty on how to reorient their teaching learning processes in context to ICT tools to effectively justify Outcome based education.
Objectives of STTP
• To familiarize the teacher on pedagogy for effective use of ICT in Engineering education with focus on adaptation of Outcome Based Education.
• To Enhance higher order thinking skills amongst teachers
• To create an active learning in the classroom using ICT tools.
• To develop learning objectives for students
• To write effective assessment questions and outcome-based evaluation
• To evaluate effectiveness of teaching strategies</td></tr>
<tr><td>2</td><td>Course Content/Coverage (List 5 to 8 major topics with proposed duration of coverage in hours for each topic)</td><td>Topics
1. Innovative Teaching Learning Process-Skill development
2. Course planning- Course and Program outcomes and its mapping
3. To Enhance higher order thinking skills
4. Managing e-content and collaborative learning
5. Writing effective assessment questions
6. Creating an active-learning classroom
7. Promoting student collaboration
8. Exploring ICT tools (ex. NPTEL, MERLOT, PADLET, Wakelet, FlipGrid and many more)</td><td>Duration
3 Hrs.
3 Hrs.
3 Hrs.
3 Hrs.
3 Hrs.
3 Hrs.
5 Hrs.</td></tr>
<tr><td>3</td><td>Course Schedule</td><td colspan="2">Total working days = 10 days
Lecture = 23 hrs.
Laboratory/Practical = 02 hrs.
Industrial/Field Visits = hrs.
Others (specify)=hrs.
Total hours engaged = 25hrs.</td></tr>
<tr><td>4</td><td>Details of special equipment or laboratory facilities available</td><td colspan="2">Online Zoom platform</td></tr>
</table>

	for the course	
5	Collaboration with industry/ other institutions/ departments (indicate name of organization, nature of collaboration and experts involved)	-

6	Details of Course Faculty (List details of faculty)			
Sl. No	**Name & Designation**	**Institute**	**Highest Qualification**	**Field of Interest/Specialization**
1	Mr. Amit Mehta, P. G. Teacher	NVC, MoE, Govt. of India, IITB	Mphil.	Computer Science. Educator & Trainer, ICT Tools
2	Dr. M. K. Khedkar, Professor	VNIT, Nagpur	Ph.D.	Distribution Automation, OBE & NBA Process
3	Dr. Vivek Nanoti, Principal	PIET, Nagpur	Ph.D.	Applied Physics, OBE & NBA Process
4	Dr. S. B. Warkad, Associate Professor	PRPCEM, Amravati	Ph.D.	Electrical Engineering, OBE & NBA Process
5	Dr. Mahendra Gaikwad, Professor	GHRCOE, Nagpur	Ph.D.	R&D, OBE & NBA Process
6	Dr. Sudhir Lande, Professor	KBIET, Baramati	Ph.D.	Electronics Engineering, OBE & NBA Process
7	Dr. Manish Tongo, Associate Professor	PCE, Nagpur	Ph.D.	Management Science, OBE & NBA Process
8	Audio visual facilities available (Tick relevant ones)		√☐ Over Head Projector √☐ Slide Projector ☐ 16/35 mm film Projector √☐ Video System ☐ Others (specify)	
9	ISTE Institutional Membership No. of your Institute		ISTE-IM-2426	
10	Does your institution have an ISTE Chapter? (a) If no, will it make minimum 25 members of ISTE		√☐ Yes ☐ yes	☐ No ☐ No

I certify that the details given above are correct to the best of my knowledge and belief and I will organize the programme satisfactorily if approved. I also promise that I will abide by the terms and conditions contained in the ISTE Proceedings and submit the Final Report with Processing and operational expense to ISTE within 15 days after completion of the Programme.

Place: Amravati

Signature of Coordinator with Name
(Dr. S. B. Warkad) (Dr. G. D. Dalvi)

Date: 19/03/2021

I agree to provide all necessary assistance and facilities of the institute for the conduct of the above programme.

Place: Amravati
Date: 19/03/2021

Signature of Principal/Director with Name
(Dr. A. V. Kale)/(Dr. S. A. Ladke)

Principal
P. R. Pote (Patil)
College of Engineering & Management
Amravati.

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बैंक ऑफ महाराष्ट्र
Bank of Maharashtara
(A Government of India Undertaking)

Branch : Kathora Bu.

Mahabank NEFT/RTGS Funds Transfer Application Form

Acknowledgement Date : 03.06.2021

Received From : Principal, PRPCE(M, Amravati

A/clMo : 60106653012

A/cType : Current

Amount Rs. : 3894/-

Charges Rs. : —

Total Rs. : 3894/-

Amount in words : Three thousand Eight hundred & Ninety four

Details of NEFT/RTGS on centre & Beneficiary as under:

1. Beneficiary Name : ISTE, New Delhi
2. Bank Name : Indian Bank
3. Branch Name : Mehrauli Road, New Delhi
4. Account Type & No : 6707247614
5. IFSC No : IDIB000M089
6. City : New Delhi
7. Other Information :

Mobile No. : 9673563078

I confirm that, beneficiary's account No. 6707247614 is correct

Branch Seal &Sign

Applicant's Sign

Principal
P.R. Pote (Patil)
College of Engineering & Manage
Amravati.

Remittance would be effected as per RBI's Rule

Please sign overleaf also

MAHBH21154344410

भारतीय तकनीकी शिक्षा संस्था
INDIAN SOCIETY FOR TECHNICAL DUCATION
(Under the Societies' Registration Act XXI of 1860)

Prof. Vaidya Vijay Dattatray
Executive Secretary

ISTE/Proceedings/Online STTP-SF-MAH-001/2021-22 March 25, 2021

Proceedings of Executive Secretary, ISTE

Sub. : Sanction to conduct full time Short-term Training Programme on Self-financing basis for the financial year 2021-2022.

Sanction is hereby accorded to the following institution for the conduct of the Online/SF-STTP/FDP programme indicated below:

Name of Institution	:	P.R. Pote (Patil) Education & Welfare Trust's Group of Institutions College of Engg. & Mgt. Amravati – 444 203
Topic	:	Pedagogy for Effective use of ICT in Engineering Education
Name & Address of Coordinators	:	Dr. Sanjay B. Warkad Associate Prof. Dr. Gopal D. Dalvi Associate Prof.
Duration	:	Two Weeks (Minimum 10 Working Days)
Proposed dates	:	26-04-2021 to 07-05-2021

Terms and Conditions

The institution offering the Programmes should be approved by AICTE and must be Institutional Member of ISTE. Institutions having ISTE Faculty Chapter and Students Chapter shall be preferred. There will be no financial commitment on the part of ISTE on account of this programme. The fee of one **proposal is Rs. 1180/- (Incl. 18% GST)** paid by DD in favour of ISTE New Delhi along with proposal or by NEFT/RTGS in the following ISTE Account **(Name of Account: ISTE Membership Fee, Account No: 6707247614 Bank: Indian Bank IFSC Code: IDIB000M089 Branch: Mehrauli Road New Delhi).**

1 This will be a online program of the duration of 1 week/2 weeks/4 weeks.

2 The registration fee of the participants may be fixed by the host institution.

3 ISTE Life membership is necessary for participants to attend SF programmes. However, If any participant is not having life membership he/she may take the membership of ISTE before the starting of the course and apply by paying the fee to the course coordinator at the spot before the commencement of the programme. The Life Membership fee is Rs. 3540/- (Incl. 18% GST) to be paid by DD in favour of ISTE New Delhi or by NEFT/RTGS as per above Account details.

--/-2

4 The final report as mentioned in these guidelines is to be submitted online to ISTE within 15 days after completion of the Programme.

5 The institute should ensure that the Resource Persons should be well known personalities having thorough knowledge and he/she should be from an Institute or Industry.

6 **Since it is an Online program, e-Certificate to ISTE Life Members will be issued by ISTE from this office. Operational and processing fee of Rs. 100 +18% GST (Total Rs. 118/-) will be charged per participant. Institute conducting the program will collect the fee from participants and will send it to ISTE by DD or NEFT/RTGS with list of participants with their ISTE Life Membership Number. Institute conducting on line program will not issue Certificates with ISTE logo to Participants. Course coordinator is requested to ensure the same and attach payment proof or UTR number.**

7 **At least one test at the end is to be conducted to judge the performance of participants. Institute can conduct more test, if they desire. Attendance and successful completion of Test conducted is mandatory to receive certification by ISTE. Co Ordinator should ensure this while submitting list of participants to ISTE.**

8 **The Digital e-certificates to eligible participants will be sent by ISTE Delhi through organizing Institute.** The certificate contains the ISTE logo at the top . The digitally signed e-certificates will bear the Signatures of Executive Secretary, ISTE.

9 Above terms and conditions are applicable to Online Programs only.

Vaidya

Executive Secretary

To,

The Principal
P.R. Pote (Patil) Education & Welfare Trust's
Group of Institutions College of Engineering & Management
Amravati – 444 203
Maharashtra State

Copy to:

Dr. Sanjay B. Warkad
Coordinator
P.R. Pote (Patil) Education & Welfare Trust's
Group of Institutions College of Engineering & Management
Amravati – 444 203
Maharashtra State

Guidelines to be followed for Online Programme

Immediately after approval from ISTE

- Link of FDP program brochure or template.
- Link of registration for faculties.
- Details of the program, day-wise
- List of Resource persons
- Topic and the outcome expected post the event

Before one of the session:-

- Response sheet of participants received for considering total number of participant.

From Day 1 to till end every day before and after session (day)

- Link of invitation of every session with password for joining.
- Attendance in respective online tools of attendee in screen shot or other format.
- Output response/ any test conducted every day or end of the FDP.
- Final results
- Response sheet of feedback of attendees on last day

Post the conduct of the event, the institute will submit the **outcomes achieved from the program.**

SHARE A GOOGLE DRIVE LINK with ISTE IN WHCIH INSTITUTE WILL UPDATE THE THINGS ON DAILY BASIS.

Patrons:

Hon'ble Shri. Pravinkumar R. Pote
President, P. R. Pote (Patil) Education & Welfare Trust's Group of Institutions, Amravati (M.S.)

Hon'ble Shri Shreyas P. Pote
Vice-President, P. R. Pote (Patil) Education & Welfare Trust's Group of Institutions, Amravati (M.S.)

Hon'ble Dr. S. A. Ladhake
Director, P. R. Pote (Patil) Education & Welfare Trust's Group of Educational Institutions, Amravati (M.S.)

General Chair:
Dr. A. V. Kale, Principal, PRPCE&M
Dr. Mohammad Zuhair Vice-Principal, PRPCE&M

STTP Convener:
Dr. S. B. Warkad & Dr. G. D. Dalvi

About the Institution

P. R. Pote (Patil) Education & Welfare Trust's Group of Institutions, Amravati is a foremost name in higher Education in Maharashtra. The Group offers UG, PG and doctoral courses in various disciplines of Engineering, Management and Technology. Various courses offered by the Group include BE, ME, Ph.D, MBA, MCA, Polytechnic, B. Arch, B.Ed., B. Pharm., D. Pharm., B.Sc. (Agriculture) and CBSE Schooling. By the blessings of Shri Sant Gajanan Maharaj, we aim at developing a pursuit of knowledge in students, commitment to economic, social & cultural uplifting of masses. The Institute named PRPCE&M highly believes in nurturing ethics and moral values in students. The Institute has dedicated teaching staff, digital classrooms, Wifi campus, finishing school, Placement cell, state-of-art auditorium, well equipped laboratories, and digital library with quality infrastructure. Our constant endeavour is to provide gamut of opportunities for our students to make them skilled engineers, top class managers and also good citizens.

About the STTP

Engineering Educational technology is now ubiquitous; however, the potential of these technologies is lost without appropriate pedagogical strategies. Teachers at Engineering Institute not only need to have a knowledge of which ICT tools are relevant for education, but more importantly how to use them effectively for. This STTP programme focuses on which pedagogical strategies are effective while using ICT tools in a given teaching-learning situation. In this STTP programme, participants will begin by articulating the objectives for their course and explore tools appropriate for some pedagogical goals of engineering courses. Participants will learn effective strategies for teaching with these tools. The training programme will give participants several opportunities to apply these strategies to design materials and activities for their courses.

Main objective of this STTP is to make aware the Engineering faculty on how to reorient their teaching learning processes in context to ICT tools to effectively justify Outcome based education.

Objectives of the STTP

- To familiarize the teacher on pedagogy for effective use of ICT in Engineering education with focus on adaptation of Outcome Based Education.
- To Enhance higher order thinking skills amongst teachers
- To create an active learning in the classroom using ICT tools.
- To develop learning objectives for students
- To evaluate effectiveness of teaching strategies

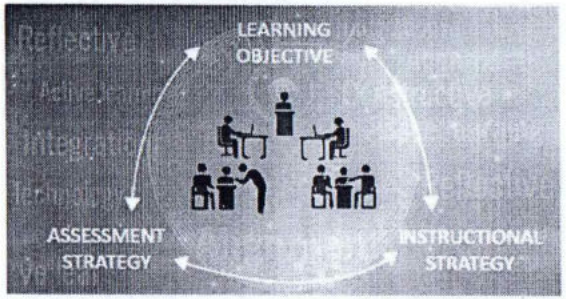
ISTE Sponsored
Short Term Training Program (STTP)
On

"PEDAGOGY FOR EFFECTIVE USE OF ICT IN ENGINEERING EDUCATION"

Date: 26th April to 7th May 2021

Organized by

Internal Quality Assurance Cell (IQAC)



P. R. Pote (Patil) Education & Welfare Trust's Group of Institutions

College of Engineering & Management, Amravati

(Recognized by AICTE, New Delhi & Affiliated to SGBAU, Amravati)

P. R. Pote (Patil) College of Engineering & Management,

Amravati

ISTE Sponsored

Online STTP on "Pedagogy for Effective use of ICT in Engineering Education"

(From: 26/04/2021 To 07/05/2021)

General Instructions for the Participants

- Daily the STTP session will start at 4:15 PM in the evening.
- The link to join the session is being shared on the WhatsApp group.
- Everyday the attendance & feedback link will be shared at the end of the session.
- It is compulsory for all to fill the attendance & feedback daily.
- On the last day of STTP you all have to attend the Quiz based on the contents being delivered.
- The certificates will be provided on your registered email id within one or two days after the completion of STTP.
- The institute will provide e-Certificate to all the participants who will attain all the session along with Quiz.
- Participants who are Life member of ISTE & required e-Certificate from ISTE, are required to pay Operational & processing fee of Rs.100 +18% GST (Total Rs 118/-) to the ISTE New Delhi.

Note : All the participants are requested to install the Zoom App for attending the STTP.

Dr. S. B. Warkad
STTP Convener

Dr. G. D. Dalvi
STTP Convener

Date : 25/04/2021

To,

The Principal,

P.R. Pote (Patil) College of Engineering and Management,

Amravati

Subject : Request for Approval and sanctioning budget of Short Term Training Programme on "Pedagogy for Effective use of ICT in Engineering Education" organized by IQAC Cell.

R/Sir,

A proposal with above mentioned subject, the IQAC Cell is organizing Two week online Short-Term Training Programme (Self-Finance) on "Pedagogy for Effective use of ICT in Engineering Education" schedule from 26th April to 7th June 2021. The detailed copies of STTP proposal and estimated budget are attached herewith for your kind perusal.

You are kindly requested to approve and sanction the estimated budget for proposed short term training programme.

Dr. G. D. Dalvi
Dean (Academics)

Dr. S. B. Warkad
Coordinator, IQAC Cell

STTP Convener

Encl:

- STTP Proposal
- Budget Estimate

Budget Estimate (only for External Speaker)

Sr. No.	Particulars	Amount (Rs.)
1	Day 1- Lecture (Honorarium- Speaker 1)	3000/-
2	Day 3- Lecture (Honorarium- Speaker 2)	3000/-
3	Day 4- Lecture (Honorarium- Speaker 3)	3000/-
4	Day 5- Lecture (Honorarium- Speaker 4)	3000/-
5	Day 6- Lecture (Honorarium- Speaker 5)	3000/-
6	Day 7- Lecture (Honorarium- Speaker 6)	3000/-
7	Day 8- Lecture (Honorarium- Speaker 7)	3000/-
Total Amount (Rs.)		**21,000/-**

Dr. G. D. Dalvi
Dean (Academics)

Dr. S. B. Warkad
Coordinator, IQAC Cell

STTP Convener

P. R. Pote (Patil) College of Engineering & Management, Amravati

ISTE Sponsored

"Online STTP on "Pedagogy for Effective use of ICT in Engineering Education"

(From: 26/04/2021 To 07/05/2021)

Schedule of STTP

SN	Topic	Date	Name of Resource Person
1	**Course Planning**-developing learning objectives, cognitive levels, concept maps, open-source tools, Course outcomes	26/04/2021	Dr. Krishanan Kumar, Professor, CSE Deptt., NIT, Uttarakhand
2	**Creating an active-learning classroom**- Need, importance and how to achieve, various technique, flipped classroom and its activities, spoken tutorials etc	27/04/2021	Dr. Ajay Gadicha, Assistant Professor, CSE Deptt, PRPCEM, Amravati
3	**Promoting student collaboration**- Benefits and tools	28/04/2021	Dr. Sudhir Lande, Professor, VPKBIET, Baramati
4	**Exploring ICT tools**- how to use, its effectiveness, outcome mapping	29/04/2021	Dr. ViveK Nanoti, Principal, PIET, Nagpur
5	**Effectiveness of teaching strategies and its evaluation**	30/04/2021	Dr. Manish Tongo, Associate Professor, PCE, Nagpur
6	**Digital Content Creation Tools & Techniques for Education.**	03/05/2021	Rajendra Khope Founder & CEO, ioCare, Pune
7	**Implementation of ICT in Engineering Education**- Challenges	04/05/2021	Mr. Amit Kumar, PGT, Ministry of Education, GoI
8	**Innovation & Research in Higher Education**	05/05/2021	Dr. Mahendra Gaikwad, Professor, GHRCOE, Nagpur
9	**Future of Engineering Education**- Components, obstacles and supporting factors to change	06/05/2021	Dr. S. B. Warkad, Assoc. Prof., PRPCEM, Amravati
10	**Effective Online Teaching: A Hands-On Workshop**	07/05/2021	Prof. Abhishek Ladole, CSE Deptt., PRPCEM

Time of STTP: 4.30 P.M

PROFILE OF RESOURCE PERSON



Mr. Amit Kumar, is an educator, researcher and trainer. He is associated as a researcher with the College of Information Science and Technology, Nanjing Forestry University, Nanjing, China. He is acting as a Trainer cum Resource Person of Spoken Tutorial Project of IIT Bombay, Ministry of Education (MoE), Govt of India. He is serving as a Key Resource Person (KRP) for implementation of ICT in Education curriculum with CIET, NCERT, Ministry of Education (MoE), Govt of India. He is working as a faculty cum trainer of Computer Science with NVS, Ministry of Education (MoE), Govt. of India. He is serving as a trainer cum resource person for IT Cell of Election Commission of India.

He is a certified ***Microsoft Innovative Educator Expert & Master Trainer***, ***Apple Teacher***, Certified ***Adobe Creative Educator***, Certified ***Wakelet Trainer, Community leader & Ambassador, Flipgrid Certified Expert & Student Voice Ambassador, Nearpod Distance Learning Expert, HundrED Ambassador*** and **TeachSDGs Amabassador**.

Apart from authoring 2 Books on *"Sustainability Issues of Wireless Communication"* and 75+ publications in national/international conference proceedings and international journals, he is a reviewer for many reputed international journals.

He is a recipient of - ***National ICT Award 2015*** from **Hon'ble President of India.**

He has also been selected for the **Fulbright Distinguished Awards in Teaching Program for international teachers (Fulbright DAI) 2020-21**, by the **Bureau of Educational and Cultural Affairs, U.S. Department of State**

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Rajendra Khope

Internet of Things enthusiast with an interest in building solutions that benefit the society and surroundings. With the more than 6 years of experience in industry and 12 years of experience in teaching in Engineering, He was always passionate about Technology and wanted to use it for the betterment of our day to day life and environment.

He started shaping his dreams by materializing his first startup, ioCare with goal in mind to utilize his expertise and knowledge of embedded system to implement his Ideas. ioCare has been established since 2014 and working on various projects and products in embedded and Internet of Things domain. We are also been working on web application development and Mobile application design domain from last 5 years.

He has developed many products like "Smart Board Home Automation", IoT Development kits and test beds for Industry and Institutes, RF development kits with Smart Mesh technology. Providing Industrial IoT and automation solutions for various Industries.

With teaching at heart, connecting to student through technology workshop is one of the best things he is doing from last 4 years. Conducted many hands-on workshops on Ubiquitous Computing, Internet of Things, Arduino and Raspberry Pi at various Engineering Institute from Pune and Amravati University.

He is currently the part of Project Management Group (PMG) of CoE: IoT in Agriculture at Dr. PDKV Akola and is active partner and mentor at STPI, Pune. He has also setup Internet of Things Research Laboratories at various engineering institutes in Pune University.

ioCare, Pune
Email: research@iocare.in
Web: https://app.iocare.in

STTP- Resource Person

Dr. S. B. Lande, Professor & Vice Principal, VPKBIET, Baramati

Dr. S. B. Lande, acquired B.E.(Electronics Engineering.), from KITS, Ramtek, Nagpur University in 1996 and M. Tech. in Telecommunication System Engineering (TSE) from IIT, Kharagpur in 2002. He has been awarded Ph.D. on "Resource Allocation and Management in OFDMA with CSI and QoS for Next generation wireless Network" by RTM Nagpur University in 2014

He has more than 25 years of teaching experience. He stared teaching profession as a lecturer from KITS, Ramtek in 1996. Presently he is working as a Professor in VPKBIET, Baramati.

He has published 48 research papers in various National, International conference and journals. He has published two books, one on "Electromagnetic fields" and other on "Linear electronics circuit" published by Spectrum Publication, Nagpur. He has registered 14 patents on his names.

Marquies Who's -who in world U.S. has published his bio-data in Nov.2009 issue. He has worked as a HOD for more than 7 Years, Professor in-charge for NBA work, Vice Principal and handled many more responsibilities. He has organized 3 International Conferences.

He is a member of IEEE society, IETE, IE & ISTE.

He is Associated with Prof. S.S. Pathak, IIT Kharagpur and Prof. Mohan Kolhe, faculty of Engineering and Science, University of Agder, Norway for research work.



Dr. Mahendra Gaikwad.....

Dr. Mahendra Gaikwad did his BE in Electronics Engineering in 1991 from Nagpur University by securing Second Merit position in the Nagpur University. Later he did his MBA in Marketing Management from Nagpur University and he has completed his MCM from Nagpur University. He did his Master's Degree in Personal Administration from Nagpur University. He did his M.Tech in Communication Engineering from Indian Institute of Technology (IIT), Bombay in 1998. He did his PhD on "Network -on-Chip Architecture using Perfect Difference Network Topology" from VNIT, Nagpur under the guidance of Dr. Rajendra Patrikar and Dr. Abhay Gandhi. He was worked as Principal & Professor at BDCE, Sevagram. Presently he is working as Research Professor and Head, Department of Information Technology at G. H. Raisoni College of Engineering, Nagpur. He is also handling the responsibility of Project Director of GHRCE's Nano-Satellite "GHRCEsat". He is instrumental for development and design of GHRCE's Nano-satellite "GHRCEsat" for Technological demonstration of Inter & Intra communication among Nano-satellite in LEO for satellite constellation. Recently he has set up the GHRCE Ground Station to monitor the live status of the Nano-Satellite which was inaugurated by Dr. K. Sivan on 28th January 2021. GHRCEsat has been successfully launched from Satish Dhawan Space Centre, SHAR, Sriharikota using PSLV-C51 launch vehicle on 28th February 2021 at 10.24 Hrs. Being as Project Director of GHRCEsat, he was visited SDSC, Sriharikota right from clearing the final CDR, rehearsal and installation of GHRCEsat in 3-in-1 deployer on PSLV-C51 launch vehicle to final launch of GHRCEsat on 28th February 2021 at Mission Control Centre (MCC) along with Dr. K. Sivan, Chairman, ISRO and Dr. Umamaheswaran, Scientific Secretary, ISRO.

He has published 107 research papers in various International and National Journals, International and National Conference, Seminar, Symposium. He has delivered more than 75+ expert lectures, keynote address in various International & National Level Conferences, Seminar & Workshop at various parts of country. He has attended various International & National Level Conferences, Seminar & Symposium at various parts of country. He worked as a group leader for installation of high speed Networking INTEL Microelectronics Lab at IIT, Bombay. He is the life member of various professional bodies like Indian Society for Technical Education, Institution of Engineers (India), Indian Society for Telecommunication Engineers, Computer Society of India. He is also invitee member of Institution of Engineers (India), Nagpur local Chapter, Nagpur. He also worked as the Chairman of Adhoc Board of Studies in Information Technology, RTM Nagpur University, Nagpur.

He has supervised "Face Recognition System" Software for Local Crime Branch, Department of Police to identify the hard-core criminals. Face Recognition System was highly appreciated by the Police officials during its presentation at State Local Crime Branch Head Office, Pune in presence of Superintendent of Police from all over Maharashtra and Senior Police Officials from Local Crime Branch, IB, CID & RAW on 4th September 2004 and also awarded by the Certificate of appreciation by the hands of Mr. B.T. Nghinglova, Spl. IGP, SCRB, CID, Government of Maharashtra at Office of the Director General of Police, Pune. He has also supervised "Speech Recognition System" for Bharat Sanchar Nigam Ltd., Wardha to atomize 197 facility for BSNL customers. First

time in India, such type of software is developed for atomization of 197 facility for BSNL, Wardha. Both the software, were appreciated by electronic media and given wide exposure on National TV Channel like Aaj Tak, Star News, Sahara, DD National, DD Metro, NDTV , Sahyadri and Zee TV along with his Interview on the research project work.

He is also the recipient of "**Adarsha Shikshak Purskar**" for the year 2006 in Vidarbha Region & award was conferred on 5th September 2006 on the occasion of Teachers' Day. He is also the recipient of **"Certification of Achievement"** from The 2003 ACM Asia International Collegiate Programming Contest (ICPC) Kolkata-Roorkee organized by Indian Institute of Technology, Roorkee. He is also the recipient of "**Certificate of Appreciation"** from Addl. Director General of Police, State CID, Pune for Project Demonstration on " Face Recognition System" in the office premise of Addl. Director General of Police, State CID, Pune for identification of Hard-Core Criminals. Recently he is also the recipient of prestigious National Award **"Rashtriya Vidya Saraswati Purskar" & "Certificate of Merit"** for outstanding achievement in the field of Engineering & Technology. He has also received the **Felicitation** from **"Lokseva Manch",** as a token of appreciation to be a recipient of National Award-2007, **"Rashtriya Vidya Saraswati Purskar"** on 5th May 2007. He is also the recipient of **First Position in Best Research Paper Category** in International Conference ACE-2010 at Banglore on 21-22nd June 2010. He is the recipient of **"Dhayndeep Purskar"** for outstanding achievement in the field of Engineering & Technology by Wardha Nagari Satkar Samiti and award has been conferred on 22nd October 2010.

All India Radio Broadcasting "AKASHWANI" has broadcast the Interview of Dr. Mahendra Gaikwad as a mark of respect for developing the software for the benefit of society on 11th September 2006 in the "SAPTRANG" program.

Short Profile of Dr. S. B. Warkad

Dr. Sanjay B. Warkad obtained his Ph.D (Electrical Engg) from Visvesvaraya National Institute of Technology (VNIT) Nagpur, India in 2011, Master's degree in M. E. (ElectricalPower System) from Amravati University as well as M.B.A. from Nagpur University, India.

He has more than 3 years of Industrial and 23 years of academic experience. He is presently associated with P. R. Pote (Patil) College of Engineering & Management, Amravati as a Professor in Electrical Engineering Department and NBA & IQAC Coordinator as well as Dean (R&D).

His research interest includes Electricity sector Restructuring; Electricity Transmission Pricing; Power system optimization, operation and analysis; Applications of Artificial Intelligence in Electric Power System, Accreditation and Outcome Based Education.

He is a Member of IEEE, ISTE, IE (India), IACSIT, Singapore, IAENG Society of Artificial Intelligence & Society of Electrical Engineering, Hong Kong, Senior Member of the Institute of Advanced Engineering and Science (IAES), Malaysia and Member, Engineering and Scientific Research (ESR Group) for Innovation Association.

He has Organized more than 15 workshops and seminars, STTPs and FDPs on Core subjects and OBE.

He got grants from AICTE of Rs. 12 Lakhs for Skill development of SC/ST students.

He has submitted 2 patents in the area of energy metering, Power System Simulator and published 48 research papers at national/international Journals: 54 papers in International andNational conferences.

02 Ph.D Scholars awarded under him and presently guiding 02 more Ph.D. scholars in the area of Power System and Electric Vehicle. He has guided more than 15 M.E./M.Tech research projects in areas of Electrical Power System and Electrical drives & Control.

He received "Union Ministry of Energy-Department of Power Prize" by The Institution of Engineers (India) in 2011. Also received *"Best Academician of the Year Award "in* "Research Excellence and Academic Awards" (REAA-2018) by Combined Society for Educational Research & Development, Dehradun

He got recognition as Editor, Reviewer of more than 100 International Journals *and Conferences.*

He also published book entitled *"Assessment of Power Sector Reforms and Transmission pricing"*, published by LAP LAMBERT Academic Publishing GmbH & Co., Saarbrucken, Germany.

He has delivered more than 20 expert/guest lectures in various conferences, FDPs and STTPs in Electrical Power system areas.

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P. R. Pote Patil Edu. & Welf. Trust's, Group of Institutions,
College of Engineering & Management, Amravati
Pote Estate, Pote Patil Road, Kathora Naka, Amravati (Maharashtra)
(Recognized by AICTE, New Delhi & Affiliated to SGBAU, Amravati)

To,
Hon. Dr. S. A. Ladhake
Director,
P. R. Pote (Patil) Group of Educational Institutes,
Amaravati

Date: 19/04/2021

Subject: - Invitation to be the Chief Guest for inaugural function of STTP.

Respected Sir,

It gives us immense pleasure to inform you that for the overall benefits of the academic community, IQAC Cell of PRPCOEM organizing ISTE sponsored Two Week online Short-Term Training Program (STTP) w.e.f. 26th April to 7th May 2021 on "Pedagogy for Effective use of ICT in Engineering Education".

Sir, we are requested you to be the Chief Guest for inaugural function of STTP and guide our faculties. We shall be highly obliged if you spare your valuable time.

We hope your gracious presence and guidance will motivate our faculties.

Thanking you.

with best regards,

Dr. S. B. Warkad
STTP Convener

Dr. G. D. Dalvi
STTP Convener

Note:

- Program Inauguration is on 26th April 2021
- Time: 4.15 P.M.
- Platform: Zoom meeting App.

P. R. Pote Patil Edu. & Welf. Trust's, Group of Institutions,
College of Engineering & Management, Amravati Institute Code : 1107
(Recognized by AICTE, New Delhi, Approved by Govt. of Maharastra & Affiliated to SGBAU, Amravati)

- Kathora Road, Amravati, Maharashtra, India
- Ph. No. : +91-721-2970110, Fax No. : +91-721-2530089, Email : prpotepatilcollege@gmail.com
- Web. : www.prpcem.org, www.prpatilcollege.org

Ref. PRPCEM/STTP-LNV/2020-21 Date : 03-04-2021

To,
Dr. Ajay Gadicha
Assistant Professor & Head
CSE Department
PRPCOEM, Amravati

Subject: Nomination as Expert Speaker for ISTE-STTP on "Pedagogy for Effective use of ICT in Engineering Education"

Dear Sir,

It gives us immense pleasure to inform you that for the overall benefits of the academic community, IQAC Cell of PRPCOEM organizing online Short-Term Training Program w.e.f. 26th June to 7th May 2021 on "Pedagogy for Effective use of ICT in Engineering Education". We would be highly honored if you can spare some time from your busy schedule to deliver the session.

Your expertise and knowledge in the area would add a great value to the technical sense of one and all, especially for young faculty and academicians of the country who require the appropriate guidance to lead their department and Institution.

With your vast and in-depth knowledge in the area, we would request you to kindly accept our invitation. The tentative schedule of this STTP is attached herewith. The duration of presentation is maximum 1.30 hours followed by question-and-answer sessions.

We look forward your presence and guidance.

Mode of Webinar: - Online Using Google Meet

Thanking you

with best regards,

Dr. S. B. Warkad/ Dr. G. D. Dalvi)
IQAC Coordinator/Dean Academics

(Dr. A. V. Kale)
Principal & IQAC Chairperson

P. R. Pote Patil Edu. & Welf. Trust's, Group of Institutions,
College of Engineering & Management, Amravati Institute Code : 1107
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- Kathora Road, Amravati, Maharashtra, India
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- Web. : www.prpcem.org, www.prpatilcollege.org

Ref. PRPCEM/STTP-INV/2020-21 Date : 09-04-2021

To,
Mr. Abhishek Ladole
Assistant Professor,
CSE Department
PRPCOEM, Amravati

Subject: Nomination as Expert Speaker for ISTE-STTP on "Pedagogy for Effective use of ICT in Engineering Education"

Dear Sir,

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Mode of Webinar: - Online Using Google Meet

Thanking you

with best regards,

Dr. S. B. Warkad/ Dr. G. D. Dalvi)
IQAC Coordinator/Dean Academics

(Dr. A. V. Kale)
Principal & IQAC Chairperson

"Shri Gajanan Maharaj Prasanna" 164

P. R. Pote Patil Edu. & Welf. Trust's, Group of Institutions,
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- Web. : www.prpcem.org, www.prpatilcollege.org

Ref. PRPCEM/STTP-INV/2020-21

Date : 09.04.2021

To,
Dr. Mahendra Gaikwad
Professor
G. H. Raisoni College of Engineering
Nagpur

Subject: Nomination as Expert Speaker for ISTE-STTP on "Pedagogy for Effective use of ICT in Engineering Education"

Dear Sir,

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Thanking you

with best regards,

Dr. S. B. Warkad/ Dr. G. D. Dalvi)
IQAC Coordinator/Dean Academics

(Dr. A. V. Kale)
Principal & IQAC Chairperson

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- Kathora Road, Amravati, Maharashtra, India
- Ph. No. : +91-721-2970110, Fax No. : +91-721-2530089, Email : prpotepatilcollege@gmail.com
- Web. : www.prpcem.org, www.prpatilcollege.org

Ref. PRPCEM/STTP-LNV/2020-21 Date : 09.04.2021

To,
Dr. Amit Kumar
PG Teacher
Ministry of Education, Government of India

Subject: Nomination as Expert Speaker for ISTE-STTP on "Pedagogy for Effective use of ICT in Engineering Education"

Dear Sir,

It gives us immense pleasure to inform you that for the overall benefits of the academic community, IQAC Cell of PRPCOEM organizing online Short-Term Training Program w.e.f. 26th June to 7th May 2021 on "Pedagogy for Effective use of ICT in Engineering Education". We would be highly honored if you can spare some time from your busy schedule to deliver the session.

Your expertise and knowledge in the area would add a great value to the technical sense of one and all, especially for young faculty and academicians of the country who require the appropriate guidance to lead their department and Institution.

With your vast and in-depth knowledge in the area, we would request you to kindly accept our invitation. The tentative schedule of this STTP is attached herewith. The duration of presentation is maximum 1.30 hours followed by question-and-answer sessions.

We look forward your presence and guidance.

Mode of Webinar: - Online Using Google Meet

Thanking you

with best regards,

Dr. S. B. Warkad/ Dr. G. D. Dalvi)
IQAC Coordinator/Dean Academics

(Dr. A. V. Kale)
Principal & IQAC Chairperson

"Shri Gajanan Maharaj Prasanna"

P. R. Pote Patil Edu. & Welf. Trust's, Group of Institutions,
College of Engineering & Management, Amravati Institute Code : 1107
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Ref. PRPCEM/STTP-INV/2020-21 Date : 08.04.2021

To,
Dr. Manish Tongo
Associate Professor
Priyadarshini College of Engineering
Nagpur

Subject: Nomination as Expert Speaker for ISTE-STTP on "Pedagogy for Effective use of ICT in Engineering Education"

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Ref. PRPCEM/STTP-INV/2020-21/ Date : 09.4.2021

To,
Dr. Sudhir Lande
Professor
Vidya Pratishthan's Kamalnayan Bajaj Institute of Engineering & Tech.
Baramati.

Subject: Nomination as Expert Speaker for ISTE-STTP on "Pedagogy for Effective use of ICT in Engineering Education"

Dear Sir,

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Ref. PRPCEM/STTP-INV/2020-21 Date : 09.04.2021

To,
Dr. Vivek Nanoti
Principal
Priyadarshini Institute of Engineering & Technology
Nagpur

Subject: Nomination as Expert Speaker for ISTE-STTP on "Pedagogy for Effective use of ICT in Engineering Education"

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Dr. S. B. Warkad/ Dr. G. D. Dalvi)
IQAC Coordinator/Dean Academics

(Dr. A. V. Kale)
Principal & IQAC Chairperson

P. R. Pote Patil Edu. & Welf. Trust's, Group of Institutions,
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Ref. PRPCEM/STTP-INV/2020-21

Date : 09.04.2021

To,
Dr. Krishanan Kumar
Professor, CSE Department
NIT, Uttarakhand

Subject: Nomination as Expert Speaker for ISTE-STTP on "Pedagogy for Effective use of ICT in Engineering Education"

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IQAC Coordinator/Dean Academics

(Dr. A. V. Kale)
Principal & IQAC Chairperson

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"Shri Gajanan Maharaj Prasanna"

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Ref. PRPCEM/STTP-INV/2020-21

Date : 09.04.2021

To,
Mr. Rajendra Khope
Founder & CEO, ioCare,
Pune

Subject: Nomination as Expert Speaker for ISTE-STTP on "Pedagogy for Effective use of ICT in Engineering Education"

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IQAC Coordinator/Dean Academics

(Dr. A. V. Kale)
Principal & IQAC Chairperson

P. R. Pote (Patil) College of Engineering & Management, Amravati
Online Short-Term Training Program (STTP) on "Pedagogy for Effective Use of ICT in Engineering Education
List of Participants

Certificate Id	Full Name of Participants	Designation	Qualification	Name of Organization
PRPCEM-STTP-001	Abdul Sayeed A W Shaikh	Assistant Professor	M.E / M.Tech	P. R. Pote (Patil) College of Engineering & Management, Amravati
PRPCEM-STTP-002	Abhishek Ramkrushna Ladole	Assistant Professor	M.E / M.Tech	P RPOTE PATIL COLLEGE OF ENGINEERING AND MANAGEMENT AMRAVATI
PRPCEM-STTP-003	Ajit Bhaskarrao Pande	Assistant Professor	M.E / M.Tech	Dr.Rajendra Gode Institute of technology &research,Amravati
PRPCEM-STTP-004	Akhilesh Ashok Tayade	Assistant Professor	M.E / M.Tech	P. R. Pote college of engineering and Management, Amravati
PRPCEM-STTP-005	Akshay Dhande	Assistant Professor	M.E / M.Tech	P. R. Pote College of Engineering and Management Amravati
PRPCEM-STTP-006	Akshay P Pundkar	Assistant Professor	M.E / M.Tech	P. R. Pote Patil College of Engineering and Management, Amravati
PRPCEM-STTP-007	Ambarish Ravindra Bhuyar	Assistant Professor	M.E / M.Tech	Sipna College of engineering and technology Amravati
PRPCEM-STTP-008	Ambika S Jaiswal	Assistant Professor	Other :	Sant Gadge Baba Amravati University Amravati
PRPCEM-STTP-009	Amit Ashokrao Kale	Assistant Professor	M.E / M.Tech	S.B. Jain institute of technology, management and research, Nagpur
PRPCEM-STTP-010	Amitkumar Baburao Ranit	Assistant Professor	M.E / M.Tech	Prof Ram Meghe College of Engineering and Management
PRPCEM-STTP-011	Amrita Parashar	Assistant Professor	M.E / M.Tech	Amity University madhya pradesh
PRPCEM-STTP-012	Anichamalar Balasubramanian	Assistant Professor	Other :	Sri Venkateswara College of Engineering
PRPCEM-STTP-013	Aniket R. Thakur	Assistant Professor	M.E / M.Tech	SIPNA COET, Amravati
PRPCEM-STTP-014	Aniket Rajendrapant Pawade	Assistant Professor	M.E / M.Tech	P. R. Pote (Patil) College of Engineering & Management
PRPCEM-STTP-015	Aniket Shahade	Assistant Professor	M.E / M.Tech	Shri Sant Gajanan Maharaj College of Engineering Shegaon
PRPCEM-STTP-016	Ankush Pandurang Khandare	Assistant Professor	M.E / M.Tech	P.R.Patil college of Architecture
PRPCEM-STTP-017	Ankush Vasantrao Dahat	Assistant Professor	M.E / M.Tech	PRPCEM Amravati
PRPCEM-STTP-018	Anup K. Chitkeshwar	Assistant Professor	M.E / M.Tech	P. R. Pote Patil College of Engineering and Management, Amravati
PRPCEM-STTP-019	Anuradha Narendra Nawathe	Assistant Professor	M.E / M.Tech	Amrutvahini College of Engineering ,Sangamner
PRPCEM-STTP-020	Anuradha R Kale	Assistant Professor	M.E / M.Tech	P R Pote Patil institute of technology and engineering, Amravati
PRPCEM-STTP-021	Aparitosh Gahankari	Assistant Professor	M.E / M.Tech	Nagpur Institute of TECHNOLOGY,NAGPUR
PRPCEM-STTP-022	Aparna Sanjay Bhande	Assistant Professor	Other :	PRPCEM
PRPCEM-STTP-023	Apurva Parandekar	Assistant Professor	M.E / M.Tech	SipnaCOET Amravati
PRPCEM-STTP-024	Ar. Pooja Amit Baporikar	Assistant Professor	Other :	P. R. Patil College of Architecture
PRPCEM-STTP-025	Ar. sharda Shirsat	Assistant Professor	Other :	P.R.Patil college of Architecture, Amravati

PRPCEM-STTP-026	Ashish Kishorrao Duchakke	Assistant Professor	M.E / M.Tech	P.R.Pote (Patil) College of Engineering & Management , Amravati
PRPCEM-STTP-027	Atul Anantrao Ghute	Assistant Professor	M.E / M.Tech	P.R.Pote Patil College of Engineering & Mgt, Amravati
PRPCEM-STTP-028	Bhushan Mankar	Assistant Professor	M.E / M.Tech	P. R. Pote College of engineering and management Amravati
PRPCEM-STTP-029	Bhushan Subhash Rakhonde	Assistant Professor	M.E / M.Tech	Shri Sant Gajanan Maharaj College of Engineering Shegaon
PRPCEM-STTP-030	Chetan Sureshrao Bidwaik	Assistant Professor	M.E / M.Tech	P.R.Pote(Patil) college of Engineering and Management, Amravati
PRPCEM-STTP-031	Deepak Chandulal Dhanwani	Assistant Professor	M.E / M.Tech	P. R. Pote College of Engineering and Management. Amravati
PRPCEM-STTP-032	Deepak Shahakar	Assistant Professor	M.E / M.Tech	P.R.Pote (Patil) College of Engineering & Management, Amravati
PRPCEM-STTP-033	Dr AHAMED ALI S	Assistant Professor	Ph.D	Easwari Engineering College
PRPCEM-STTP-034	Dr Mohammad Zuhair	Associate Professor	Ph.D	P R Pote Patil College of Engineering and management
PRPCEM-STTP-035	Dr Sayyad Naimuddin	Associate Professor	Ph.D	Anjuman College of Engineering and Technology Nagpur
PRPCEM-STTP-036	Dr. Ajay B Gadicha	Assistant Professor	Ph.D	P.R.Pote Patil College of Engineering and Management Amravati
PRPCEM-STTP-037	Dr. F. Merlin Kokila	Assistant Professor	Ph.D	Holy Cross College (Autonomous) Tiruchirappalli -620002
PRPCEM-STTP-038	Dr. Neeru	Associate Professor	Ph.D	RBU Mohali
PRPCEM-STTP-039	Dr. Nitesh Tarbani	Assistant Professor	Ph.D	Sipna COET Amravati
PRPCEM-STTP-040	DR. PRASENJIT CHATTERJEE	Associate Professor	Ph.D	MCKV INSTITUTE OF ENGINEERING
PRPCEM-STTP-041	Dr. Sachin S Saraf	Assistant Professor	Ph.D	P. R. Pote Patil College of Engg and Management Amravati
PRPCEM-STTP-042	Dr. Sanjay B. Warkad	Associate Professor	Ph.D	P. R. Pote (Patil) College of Engineering & Management, Amravati
PRPCEM-STTP-043	Dr. Sarika A. Bhojne	Assistant Professor	Ph.D	P.R.Pote College of Engineering and Management. Amravati
PRPCEM-STTP-044	Dr. Sarika P. Shahare	Assistant Professor	Ph.D	PRPCEM, Amravati
PRPCEM-STTP-045	Dr. Shrikant J. Honade	Assistant Professor	Ph.D	G H Raisoni University, Amravati
PRPCEM-STTP-046	Dr. Smita A. Patil	Assistant Professor	Ph.D	P. R. Pote College of Engineering and Management, Amravati
PRPCEM-STTP-047	Dr. Somdatta M. Tondre	Assistant Professor	Ph.D	P.R Pote College of engineering and Management
PRPCEM-STTP-048	Dr. Sudhir Paraskar	Professor	Ph.D	SSGMCE, SHEGAON
PRPCEM-STTP-049	Dr. Ujwal S. Ghate	Assistant Professor	Ph.D	Sipna COET Amravati
PRPCEM-STTP-050	Dr. Yogesh Krishnarao Vyawahare	Assistant Professor	Ph.D	Mahatma Phule Arts and Science College, Patur, Dist. Akola
PRPCEM-STTP-051	Dr.Ambresh P Ambalgi	Assistant Professor	Ph.D	Mangalore University, Mangalore
PRPCEM-STTP-052	Dr.Aparna S.Telang	Assistant Professor	Ph.D	PRPCEM
PRPCEM-STTP-053	Dr.Bindiya Sharma	Assistant Professor	Ph.D	PIEMR Indore
PRPCEM-STTP-054	Dr.C.Thanavathi	Assistant Professor	Ph.D	V.O.C.College of Education, Thoothukudi
PRPCEM-STTP-055	Dr.Chitra A.Dhawale	Professor	Ph.D	P.R.Pote College of Engg and Management

PRPCEM-STTP-056	Dr.G.D.Dalvi	Assistant Professor	Ph.D	PRPCE&M, Amravati
PRPCEM-STTP-057	Dr.Hemant Ramdas Dhanbhar	Assistant Professor	Ph.D	P.R.Pote college of Engineering and management, Amravati
PRPCEM-STTP-058	Dr.K.S.KHATHEEJA PARVIN	Other :	Ph.D	Quaid_e_millath Government Arts college for women
PRPCEM-STTP-059	Dr.M.Rajasekar	Assistant Professor	Ph.D	PSPT MGR Government arts and science college Puthur sirkali-609108
PRPCEM-STTP-060	Dr.Parag Ramrao Wadnerkar	Associate Professor	Ph.D	P R Pote college of engineering and management
PRPCEM-STTP-061	Dr.S.A.Khapre	Assistant Professor	Ph.D	P R Pote College of Engineering and Management Amravati
PRPCEM-STTP-062	DR.S.KARTHIK	Associate Professor	Ph.D	KALASALINGAM ACADEMY OF RESEARCH AND EDUCATION
PRPCEM-STTP-063	FEROZ HANIF KHAN	Assistant Professor	M.E / M.Tech	Prof Ram Meghe College of Engineering & Management, Badnera
PRPCEM-STTP-064	Ganesh D. Govindwar	Assistant Professor	M.E / M.Tech	Sipna COET, Amravati
PRPCEM-STTP-065	Ganesh Punjaji Deshmukh	Assistant Professor	M.E / M.Tech	PLIT buldana
PRPCEM-STTP-066	Ganesh Shivlal Mahalle	Assistant Professor	M.E / M.Tech	P. R. Pote patil college of engineering and management Amravati
PRPCEM-STTP-067	Gaurav Vitthalrao Dahake	Assistant Professor	M.E / M.Tech	Sipna College of Engineering & Technology
PRPCEM-STTP-068	Gauri Deshpande	Assistant Professor	Other :	P.R.POTE PATIL COLLEGE OF ENGINEERING AND MANAGEMENT
PRPCEM-STTP-069	Gayatri Ashok Bahire	Assistant Professor	M.E / M.Tech	PRMCEAM, Amravati
PRPCEM-STTP-070	Himanshu V. Taiwade	Assistant Professor	M.E / M.Tech	PIET, NAGPUR
PRPCEM-STTP-071	Justin Dhas Y	Assistant Professor	M.E / M.Tech	Easwari Engineering College
PRPCEM-STTP-072	Jyotsna Sahebrao Wath	Assistant Professor	Other :	P. R. Pote(Patil) College of Engineering and Management Amravati
PRPCEM-STTP-073	Kalyani A. Rajgure	Assistant Professor	M.E / M.Tech	P. R. Patil College of Architecture
PRPCEM-STTP-074	Kawale sheetal kondiba	Assistant Professor	M.E / M.Tech	STES sou. Venutai Chavan polytechnic pune
PRPCEM-STTP-075	Kiran Arunrao Dongre	Associate Professor	Ph.D	Prof Ram Meghe College of Engineering & Management, Badnera
PRPCEM-STTP-076	Komal Baburao Bijwe	Assistant Professor	Other :	P.R.Pote COE & M, Amaravati
PRPCEM-STTP-077	Krutika Chhajed	Assistant Professor	M.E / M.Tech	Prpcem, amravati
PRPCEM-STTP-078	Kshitija Rajendra patil	Assistant Professor	Other :	Degree college of physical education hvpm amravati
PRPCEM-STTP-079	MADHURI GANPATRAO KUKALKAR	Assistant Professor	Other :	P.R.Pote Patil College of Engineering and Management, Amravati.
PRPCEM-STTP-080	Madhuri Manohar Dharanguttikar	Assistant Professor	M.E / M.Tech	Sknsits lonavala
PRPCEM-STTP-081	Mangesh Dilip Salunke	Assistant Professor	Ph.D	Shri Chhatrapati Shivaji Maharaj college of Engineering Ahmednagar
PRPCEM-STTP-082	Manish Gopichand Walecha	Assistant Professor	M.E / M.Tech	P R Pote Patil College of Engineering & Management Amravati
PRPCEM-STTP-083	Manish Sudhakarrao Deshmukh	Assistant Professor	M.E / M.Tech	P.R.Pote college of engineering and management Amravati
PRPCEM-STTP-084	Manoj D. Tambakhe	Assistant Professor	M.E / M.Tech	Sipna College of Engineering & Technology, Amravati
PRPCEM-STTP-085	MILIND K.TATTE	Professor	M.E / M.Tech	GOVERNMENT POLYTECHNIC,ARVI

PRPCEM-STTP-086	Miss. Sanjivanee R. Kale	Assistant Professor	M.E / M.Tech	PRPCEM, Amravati
PRPCEM-STTP-087	Mohd Abdul Rehman	Assistant Professor	M.E / M.Tech	PRPCEM Amravati
PRPCEM-STTP-088	Mr. Ashish R. Sonekar	Assistant Professor	M.E / M.Tech	P. R. Pote (Patil) Edn. & Welfare Trusts, College of Engineering & Management, Amravati
PRPCEM-STTP-089	Mrs KALPNA RANI	Other :	Other :	KVS
PRPCEM-STTP-090	Mrs Shruti Jogendra Sapra	Assistant Professor	M.E / M.Tech	Amravati university
PRPCEM-STTP-091	Mrs.Priya Ghuge	Assistant Professor	M.E / M.Tech	St.Martins Engineering college,Dhulapally,Kompally,Secunderabad
PRPCEM-STTP-092	Ms Pallavi A Bokey	Assistant Professor	M.E / M.Tech	VPKBIET Baramati
PRPCEM-STTP-093	Ms. Vrushali S. Sakharkar	Assistant Professor	M.E / M.Tech	PRMIT and R, Badnera
PRPCEM-STTP-094	Namrata Mahakalkar	Assistant Professor	M.E / M.Tech	PIET
PRPCEM-STTP-095	Naresh Gajananrao Gadge	Assistant Professor	M.E / M.Tech	Government College of Engineering, Amravati
PRPCEM-STTP-096	Nikhil Arun Gadge	Assistant Professor	M.E / M.Tech	P R Pote Patil college of engineering and management, Amravati
PRPCEM-STTP-097	Nikhil V. Raut	Assistant Professor	M.E / M.Tech	Dr. Sau. K.G.I.E.T. Darapur
PRPCEM-STTP-098	Nikita Narendra Sawade	Assistant Professor	M.E / M.Tech	PRPCEM, Amravati
PRPCEM-STTP-099	Nilesh P Bhopale	Assistant Professor	M.E / M.Tech	P R POTE PATIL COE AND M AMRAVATI
PRPCEM-STTP-100	Nityanand Shankarrao Futane	Assistant Professor	M.E / M.Tech	Prof Ram Meghe College of Engineering & Management, Badnera- Amravati
PRPCEM-STTP-101	P Rizwan Ahmed	Associate Professor	Ph.D	Mazharul Uloom College Ambur Tamil Nadu India
PRPCEM-STTP-102	Palash Agrawal	Assistant Professor	Other :	P.R.P.C.O.A.
PRPCEM-STTP-103	Pallavi H.Dhole	Assistant Professor	M.E / M.Tech	P.R.POTE(PATIL) COLLEGE OF ENGG. AND MANAGEMENT, AMRAVATI
PRPCEM-STTP-104	Pallavi Marotirao Mankar	Assistant Professor	M.E / M.Tech	PRPCEM, Amravati
PRPCEM-STTP-105	Parikshit N. Deshmukh	Assistant Professor	M.E / M.Tech	P. R. Pote Patil College of Engineering and Management, Amravati
PRPCEM-STTP-106	Parnal P Pawade	Assistant Professor	M.E / M.Tech	PRPCEM
PRPCEM-STTP-107	Pawan Kishor Shivankar	Assistant Professor	M.E / M.Tech	P. R. Pote Patil College of Engineering & Management, Amravati.
PRPCEM-STTP-108	Pooja Bhagchand Udasi	Assistant Professor	Other	P.R.PATIL COLLEGE OF ENGINEERING AND MANAGEMENT
PRPCEM-STTP-109	Prachi Deshmukh	Assistant Professor	M.E / M.Tech	PRMIT &R, Badnera
PRPCEM-STTP-110	Prachi Nimbhorkar	Assistant Professor	Other :	P.r.pote college of engineering and management
PRPCEM-STTP-111	Prachi V. Kale	Assistant Professor	M.E / M.Tech	PRPCEM, Amravati
PRPCEM-STTP-112	Pradeep Jayantilal Kotak	Assistant Professor	M.E / M.Tech	P.R.Pote College of Engineering & Management Amravati
PRPCEM-STTP-113	Praful Sambhare	Assistant Professor	M.E / M.Tech	PRPCEM
PRPCEM-STTP-114	Prajwal Satish Wasule	Other :	B.E / B.Tech	P. R. Pote collage of engineering and management Amravati
PRPCEM-STTP-115	Prajyot Sudhir Gandhak	Assistant Professor	M.E / M.Tech	P R Pote Patil college of engineering and management, Amravati

PRPCEM-STTP-116	Prakash Bhimrao Ingle	Assistant Professor	M.E / M.Tech	P.R.Pote College of Engineering and Management Amravati
PRPCEM-STTP-117	Prashant N Pusdekar	Assistant Professor	M.E / M.Tech	PRPCEM
PRPCEM-STTP-118	Prashant Sharad Thombare	Assistant Professor	Other :	P. R. Pote Patil College of Engineering & Management, Amravati
PRPCEM-STTP-119	Pratiksha Rajendra Langote	Assistant Professor	B.E / B.Tech	P. R. Patil college of architecture
PRPCEM-STTP-120	Pratyenja S. Ganorkar	Assistant Professor	M.E / M.Tech	Dr. Sau Kamaltai Gawai Institute of Engineering & Technology, Darapur
PRPCEM-STTP-121	PRAVINKUMAR WANKHADE	Assistant Professor	M.E / M.Tech	G H RAISONI UNIVERSITY AMRAVATI
PRPCEM-STTP-122	Pritee R Rane	Assistant Professor	M.E / M.Tech	P.R.Pote College of Engineering and Management, Amravati
PRPCEM-STTP-123	Priyanka Bhatewara Jain	Assistant Professor	Ph.D	Government College
PRPCEM-STTP-124	Priyanka Sanjay Kharche	Assistant Professor	M.E / M.Tech	Pankaj Laddhad Institute of Technology and Management Studies Buldana
PRPCEM-STTP-125	Prof N.R.Deshmukh	Assistant Professor	M.E / M.Tech	PRPCEM
PRPCEM-STTP-126	Prof. Chetana Baviskar	Assistant Professor	M.E / M.Tech	Alard College of Engineering and Management, Pune
PRPCEM-STTP-127	Prof. D. K. Chavhan	Assistant Professor	M.E / M.Tech	PRPCEM AMT
PRPCEM-STTP-128	Prof. Nikhilesh S. Kariya	Assistant Professor	Other .	PRPCEM, Amravati
PRPCEM-STTP-129	Prof. Vinit A. Sinha	Assistant Professor	Other :	PRMIT&R Badnera
PRPCEM-STTP-130	Prof.Ajay W.Mahore	Associate Professor	M.E / M.Tech	P.R.Pote Patil College of Engineering and Management, Amravati
PRPCEM-STTP-131	Prof.G.B.Malviya	Assistant Professor	Other :	PRPCEM, AMRAVATI.
PRPCEM-STTP-132	Purushottam Ramesh Bharambe	Assistant Professor	M.E / M.Tech	Shri Sant Gajanan Maharaj College of Engineering , Shegaon
PRPCEM-STTP-133	Rachana Vishnukant Mahule	Professor	Other :	P. R. Pote (Patil) College of Engineering and Management, Amravati
PRPCEM-STTP-134	Rahul Dnyaneshwar Ghongade	Associate Professor	Ph.D	P R Pote Patil college of Engineering and Management
PRPCEM-STTP-135	Rahul Ramdas Wankhade	Assistant Professor	M.E / M.Tech	Prof Ram Meghe College of Engineering and Management
PRPCEM-STTP-136	Rajesh Bhoyar	Assistant Professor	Other :	Sant Gadge Baba Amravati university
PRPCEM-STTP-137	Rajesh Pokale	Assistant Professor	M.E / M.Tech	P.R.Pote Patil college of Engineering and Management ,amravati maharashtra
PRPCEM-STTP-138	Rameshwar Shriram Ingalkar	Assistant Professor	M.E / M.Tech	Prof Ram Meghe College Of Engineering & Management
PRPCEM-STTP-139	Rashmi Sharad Pagrut	Assistant Professor	M.E / M.Tech	P.R.POTE COLLEGE OF ENGINEERING AND MANAGEMENT AMRAVATI
PRPCEM-STTP-140	Rashmi Tallalli	Assistant Professor	M.E / M.Tech	PDA College of Engineering, Kalaburagi
PRPCEM-STTP-141	Rasika S. Badre	Assistant Professor	M.E / M.Tech	Prof. Ram Meghe Institute of Technology and Research, Badnera
PRPCEM-STTP-142	Rohan Vijay Thakur	Assistant Professor	M.E / M.Tech	Prof Ram Meghe College of Engineering & Management, Badnera-Amravati
PRPCEM-STTP-143	Ruchita Kale	Assistant Professor	M.E / M.Tech	Prof.Ram Meghe institute of technology and research, Badnera
PRPCEM-STTP-144	Rushikesh Ravindra Badnakhe	Assistant Professor	M.E / M.Tech	JDIET Yavatmal .
PRPCEM-STTP-145	Sachin A. Jalit	Assistant Professor	M.E / M.Tech	PRPCEM Amravati

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PRPCEM-STTP-146	Sachin Damodar Raut	Assistant Professor	Other :	P.R. Pote College of Engineering and Management, Amravati
PRPCEM-STTP-147	Sachinkumar B. Kadu	Assistant Professor	Other :	P R Pote College of engineering and management
PRPCEM-STTP-148	Sagar R. Shah	Assistant Professor	Other :	P. R. Pote College of Engineering and Management, Amravati
PRPCEM-STTP-149	Sagar Vijay Sonkhaskar	Assistant Professor	M.E / M.Tech	P. R. Pote Patil College of Engineering and Management, Amravati
PRPCEM-STTP-150	Sakshi Sanjay Deshmukh	Assistant Professor	M.E / M.Tech	P.R.Pote College of Engineering and Management, Amravati.
PRPCEM-STTP-151	Sandeep Madhukarrao Jadhav	Assistant Professor	Other :	P. R. Pote Patil College of Engineering and Management Amravati
PRPCEM-STTP-152	Sangita Raghunath Gudadhe	Assistant Professor	M.E / M.Tech	Sopna College of Engineering & Technology, Amravati
PRPCEM-STTP-153	Sangita Raghunath Gudadhe	Assistant Professor	M.E / M.Tech	Sipna COET Amravati
PRPCEM-STTP-154	Sanjay Vasantrao Dhopte	Associate Professor	M.E / M.Tech	PRMITR Badnera
PRPCEM-STTP-155	Sanjeev Kumar Singh	Assistant Professor	Other :	P R Pote Patil College of Engineering and Management, Amravati
PRPCEM-STTP-156	Sarang Holey	Associate Professor	Other :	P.R.Patil College of Architecture, Amravati
PRPCEM-STTP-157	Sarang v bhonde	Assistant Professor	M.E / M Tech	PRPPCOE 1107
PRPCEM-STTP-158	Shailesh Krishnarao Atkari	Other :	B.E / B.Tech	RAGC, Thane
PRPCEM-STTP-159	Sharad Namdeorao Pande	Assistant Professor	M.E / M Tech	GOVERNMENT POLYTECHNIC ACHALPUR
PRPCEM-STTP-160	Shashibhushan Vinodkumar Mishra	Assistant Professor	M.E / M.Tech	P.R.Pote Patil College of Engineering and Management, Amravati
PRPCEM-STTP-161	Sheetal Shamrao Nerkar	Assistant Professor	Other :	P.R.P.C.E.M, Amravati
PRPCEM-STTP-162	Shridhar Suresh Mendhe	Associate Professor	M.E / M.Tech	P. R. Pote Patil College of Engineering & Management Amravati
PRPCEM-STTP-163	Shrikant Gajanan Dalu	Assistant Professor	M.E / M Tech	P R Pote College of Engineering & Management, Amravati
PRPCEM-STTP-164	Shweta Pandurang Pafaskar	Assistant Professor	Ph.D	SIPNA College of Engineering and Technology, Amravati
PRPCEM-STTP-165	Sima Sadaf Khan	Assistant Professor	Other :	PRPCEM
PRPCEM-STTP-166	Smita Vijay Kalmegh	Assistant Professor	M.E / M.Tech	PRPCE & M
PRPCEM-STTP-167	Sneha R. Sontakke	Assistant Professor	M.E / M.Tech	PRPCEM
PRPCEM-STTP-168	Sneha Revankar	Assistant Professor	M.E / M.Tech	Fr C Rodrigues Institute of Technology
PRPCEM-STTP-169	Snehal Dattadas Tingane	Assistant Professor	M.E / M.Tech	Prpcem amravati
PRPCEM-STTP-170	Snehal Ramesh Kamble	Assistant Professor	M.E / M.Tech	Sipna College of Engineering & Technology, Amravati
PRPCEM-STTP-171	SUBODHKUMAR VITTHALRAO DHOKE	Assistant Professor	M.E / M.Tech	P R POTE PATIL COLLEGE OF ENGINEERING AND MANAGEMENT, AMRAVATI
PRPCEM-STTP-172	Suhas Vasantrao Pawar	Assistant Professor	M.E / M.Tech	P. R.Pote Patil College of Engg and Management
PRPCEM-STTP-173	Sumaiyya Amreen Ziyaullah Khan	Assistant Professor	M.E / M.Tech	Sipna College of Engineering and Technology, Amravati
PRPCEM-STTP-174	Sumit Sagane	Assistant Professor	M.E / M.Tech	PRPCEM
PRPCEM-STTP-175	Sunpreet Kaur Nanda	Assistant Professor	M.E / M.Tech	P. R. Pote COEM

PRPCEM-STTP-176	Supriya Sanjay Yadav	Assistant Professor	M.E / M.Tech	NMIET Talegaon
PRPCEM-STTP-177	Suryakant Purushottam Bhonge	Assistant Professor	M.E / M.Tech	P.R.Pote (Patil)Group Of Institutions, College Of Engineering And Management,Amravati
PRPCEM-STTP-178	Sushant Ashokrao Patinge	Assistant Professor	M.E / M.Tech	Sipna COET Amravati
PRPCEM-STTP-179	Swati Digambarrao Chaudhari	Assistant Professor	Ph.D	P. R. Pote College of Engineering and Management, Amravati
PRPCEM-STTP-180	Tanuj Rohankar	Assistant Professor	M.E / M.Tech	Sipna College of Engineering and Technology Amravati
PRPCEM-STTP-181	Trupti Gajanan Ghongade	Assistant Professor	M.E / M.Tech	P. R. Pote Patil College of Engineering and Management
PRPCEM-STTP-182	Udit Mamodiya	Assistant Professor	Ph.D	Poornima College of Engineering
PRPCEM-STTP-183	Umakant Bhaskar Gohatre	Assistant Professor	Ph.D	Smt. Indira Gandhi College of Engineering Navi Mumbai
PRPCEM-STTP-184	Umesh Hiwase	Assistant Professor	M.E / M.Tech	Priyadarshini college of engineering Nagpur
PRPCEM-STTP-185	Umesh Wamanrao Hore	Assistant Professor	M.E / M.Tech	P.R.Pote College Of Engineering & MGT,AMT
PRPCEM-STTP-186	Umesh Wasudeorao Kaware	Assistant Professor	M.E / M.Tech	Jawaharlal Darda Institute of Engineering and Technology, Yavatmal
PRPCEM-STTP-187	Vaibhav rameshrao mahalle	Assistant Professor	M.E / M.Tech	PRPCEM
PRPCEM-STTP-188	Vaibhav Ramkrishna Dhawale	Assistant Professor	M.E / M.Tech	Vidharbha youth welfare society's
PRPCEM-STTP-189	Vaibhav Sharad Umap	Assistant Professor	M.E / M.Tech	P R Pote collage of Engg and Management Amravati
PRPCEM-STTP-190	Vaishali Babasaheb Bhagat	Assistant Professor	Ph.D	P. R. P. E. C. &M
PRPCEM-STTP-191	VIJAY BAGDI	Assistant Professor	M.E / M.Tech	TGPCET
PRPCEM-STTP-192	Vishal Ashok Ingole	Assistant Professor	Other :	P.R.Pote Patil College of Engineering and Management , Amravati
PRPCEM-STTP-193	Vishal Babarao Padole	Assistant Professor	Ph.D	PRPCEM
PRPCEM-STTP-194	Vishal Babasaheb Langote	Assistant Professor	M.E / M.Tech	P R Pote Patil College of Engineering and Management
PRPCEM-STTP-195	Vitthal Motiram Nawale	Assistant Professor	M.E / M.Tech	PLITMS BULDANA
PRPCEM-STTP-196	Vivek Parashar	Assistant Professor	Ph.D	Amity University Madhya Pradesh
PRPCEM-STTP-197	Yeole Shrikant Prabhakar	Assistant Professor	M.E / M.Tech	PRPCE&M, Amravati
PRPCEM-STTP-198	Yogita Bhagat	Assistant Professor	M.E / M.Tech	Dr.Rajendra Gode Institute of Technology and Research Amravati
PRPCEM-STTP-199	Yogita D. Shahakar	Assistant Professor	M.E / M.Tech	P.R.Pote (Patil) College of Engineering & Management, Amravati
PRPCEM-STTP-200	Zeeshan Ibtesam Khan	Assistant Professor	M.E / M Tech	PRPCEM, Amravati

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ISTE Approved Self Sponsored STTP On
"PEDAGOGY FOR EFFECTIVE USE OF ICT IN ENGINEERING EDUCATION"
26th April -7th May 2021

College of Engineering & Management, Amravati

ISTE, New Delhi Sponsored
Two Week Short Term Training Program (STTP)
On
"Pedagogy for Effective Use of ICT in Engineering Education"
Date: 26th April to 7th May 2021

Organized by
Internal Quality Assurance Cell (IQAC)



P. R. Pote (Patil) Education & Welfare Trust's Group of Institutions
College of Engineering & Management, Amravati
(Recognised by AICTE, New Delhi & Affiliated to SGBAU, Amravati)

Dr. S. A. Ladhake **Director**	**Dr. A. V. Kale** **Principal**	**Dr. Mohammad Zuhair** **Vice Principal**
	STTP Convener	
Dr. S. B. Warkad **IQAC & NBA Coordinator**		**Dr. G. D. Dalvi** **Dean (Academics)**

The Short-Term Training Program on "Pedagogy for Effective use of ICT in

Engineering Education" had been successfully organized by IQAC Cell, of P. R. Pote (Patil) Education & Welfare Trust's College of Engineering & Management, Amravati from 26th April -7th May 2021. The self-sponsored Two-week course had been organized by two faculties members: Dr. Sanjay B. Warkad (IQAC Coordinator) and Dr. Gopal D. Dalvi, Dean (Academics).

Main objective of this STTP is to make aware the Engineering faculty on how to reorient their teaching learning processes in context to ICT tools to effectively justify Outcome based education with following objectives-

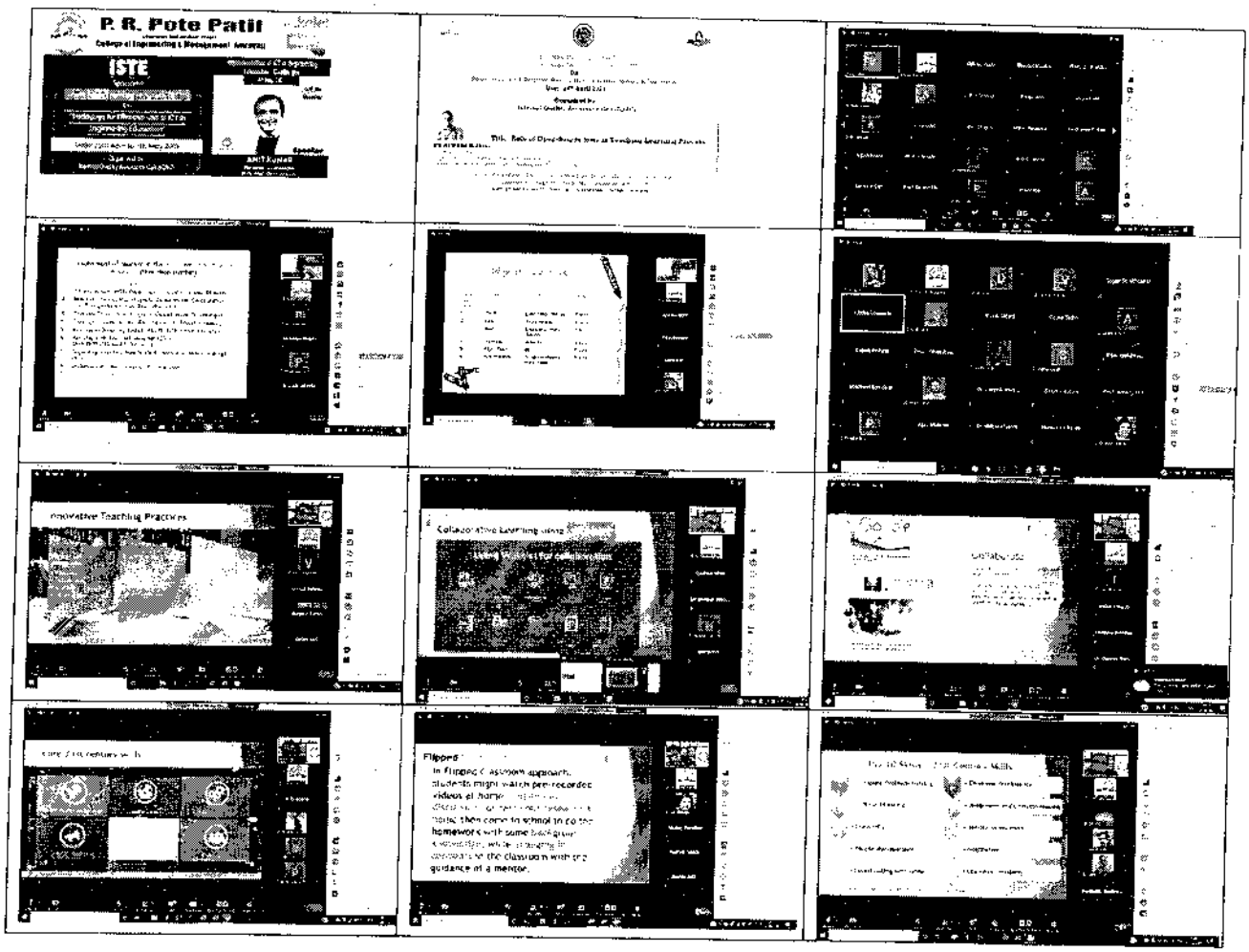
- To familiarize the teacher on pedagogy for effective use of ICT in Engineering education with focus on adaptation of Outcome Based Education.
- To Enhance higher order thinking skills amongst teachers
- To create an active learning in the classroom using ICT tools.
- To develop learning objectives for students
- To evaluate effectiveness of teaching strategies

The course commenced with Inaugural Function on 26th April online with the benign presence of Chief Guest Dr. S. A. Ladhake, Director of PRPGI, and a Guest of Honour Dr. A. V. Kale, Principal, P. R. Pote (Patil) College of Engineering & Management, Amravati and STTP Cordinators Dr. S. B. Warkad & Dr. G. D. Dalvi and various participants from intra as well as inter colleges.
The ceremony started with a welcome of Chief Guest. Later Chief Guest officially inaugurated the Program with a keynote. Program Coordinator Dr. S. B. Warkad explained the need of arranging the STTP and its features. He also discussed the Two-week schedule of program and highlighted the important keynote speakers.

also explained Outcome based Education approach in his delivery.

At Day 10, session started with Speaker Prof. Abhishek Ladole, Assistant Professor, CSE Deptt., PRPCEM, with topic "Effective Online Teaching: A Hands-On Workshop.". He demonstrated practically ICT tools like OBS and openshot software and its application in engineering education.

Photographs of Online delivery.



At day 10, STTP commenced with Objective Test Examination, in that participants were given the Test paper and asked to submit it with their responses. Further participants were asked to give genuine feedback on the organised program and asked to give fair suggestions for further improvement.

Finally, the course was formally wrapped up with Valedictory ceremony on 7th May 2021, in the presence of participants and distinguished faculty members. The course content, its delivery and other facilities were rated adequate through online google sheet feedback of participants. In concluding part of the ceremony, vote-of-thanks was given by Dr. G. D. Dalvi, the Programme coordinator. The entire course ended with National Anthem.

P. R. Pote (Patil) College of Engineering & Management, Amravati

ISTE Sponsored
"Online STTP on "Pedagogy for Effective use of ICT in Engineering Education"
(From: 26/04/2021 To 07/05/2021)

MCQ Questions for the STTP

Q1. ICT stands for

Internet Connection Tools
Integrated Communication Tools
Information Communication Technology
Integrated computer Technology

Q2. Course planning us influenced by

Characteristics of students
Institutional Units
Opportunities for Learning
All of the above

Q3. VEDAMO is a

Software
Virtual classroom
Internet enabled open-source website
None of the above

Q4. Kneura Teach helps in

Text recognition
Smart draw features
Paper like writing
All of the above

Q5. One of the positive aspects of collaborative learning is the social interaction that over a period assists in resolving inconsistencies in our thinking and clarifying what we really believe. This process helps to create

Integrated Identity
Task specialization
Role assignment
Students Teams

Q12. VUCA environment is

Volatile, Uncertain, complex, Ambiguous
Virtual, User, computer, Applications
Variable, User, complex, Applications
None of the above

Q13. ICT Tools discussed by Dr Amit Kumar are

UDUTU, H5P
Flipgrid, Wakelet
Vedomo, Kneura Tech
Virtual Lab, Adopt

Q14. _____ is the data base of a professional engineer; _____ are the tools used to manipulate the knowledge in order to meet a goal dictated or strongly influenced by the _____.

Knowledge, Skills, attitudes
Skills, attitudes, knowledge
Attitudes, knowledge, skills
None of the above

Q.15. Engineering knowledge criteria are

Fundamental design concept
Criteria and specifications
Design instrumentalities
All of the above

Q.16 Domains of learning are

Cognitive
Affective
Psychomotor
Spiritual
All of the above

Q.17 Effective teaching is a function of_____

Perfect classroom discipline
Students self-learning
Clear and precise communication
Regular teaching

P.R.Pote Patil College Of Engineering And Management,Amravati

Two Week STTP On ICT Tools

Participants Quiz Result & Feedback Details

Sr.No	Name of Participants	Quiz Score Out of 20	Result	Overall Feedback
1	Prof.Vinit A Sinha	18	Pass	Completely Satisfying
2	Prof.Ashish R Sonekar	13	Pass	Completely Satisfying
3	Dr.Ambresh P Ambalgi	14	Pass	Completely Satisfying
4	Prof.Krutika Chhajed	13	Pass	Completely Satisfying
5	Prof.Milind K.Tatte	14	Pass	Completely Satisfying
6	Dr.S.B.Warkad	20	Pass	Completely Satisfying
7	Dr.G.D.Dalvi	20	Pass	Completely Satisfying
8	Prof.P.V.Kale	20	Pass	Completely Satisfying
9	Prof.Namrata Khade	16	Pass	Completely Satisfying
10	Prof.Smita V Kalmegh	18	Pass	Completely Satisfying
11	Prof.Nityanand S Futane	20	Pass	Satisfying
12	Prof.Pallavi M Mankar	12	Pass	Satisfying
13	Prof.Sakshi S Deshmukh	20	Pass	Satisfying
14	Prof.Ambika S Jaiswal	16	Pass	Satisfying
15	Prof.Mohd Abdul Rehman	14	Pass	Satisfying
16	Prof.Smita A Patil	16	Pass	Completely Satisfying
17	Prof.Feroz Hanif Khan	15	Pass	Completely Satisfying
18	Prof.Parnal P Pawade	17	Pass	Completely Satisfying
19	Prof.Rohan V Thakur	18	Pass	Completely Satisfying
20	Prof.Suhas V Pawar	19	Pass	Completely Satisfying
21	Prof.Anuradha Nawathe	15	Pass	Completely Satisfying
22	Dr. SAYYAD Naimuddin	20	Pass	Completely Satisfying
23	Prof.Zeeshan I Khan	17	Pass	Completely Satisfying
24	Prof.Sangita R Gudadhe	15	Pass	Completely Satisfying
25	Prof.H.S.Kulat	20	Pass	Completely Satisfying
26	Prof.Sarang V Bhonde	13	Pass	Satisfying
27	Prof.Amitkumar B Ranit	16	Pass	Satisfying
28	Prof. Himanshu V Taiwade	15	Pass	Satisfying
29	Prof.Sanjay Dhopate	20	Pass	Completely Satisfying
30	Prof.Kiran A Dongare	20	Pass	Completely Satisfying
31	Prof.Shruti J Sapra	20	Pass	Completely Satisfying
32	Prof. Ganesh P. Deshmukh	15	Pass	Completely Satisfying
33	Dr. Shilpa A. Khapre	14	Pass	Completely Satisfying

P.R.Pote Patil College Of Engineering And Management,Amravati

Two Week STTP On ICT Tools

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12	Prof.Pallavi M Mankar	12	Pass	Satisfying
13	Prof.Sakshi S Deshmukh	20	Pass	Satisfying
14	Prof.Ambika S Jaiswal	16	Pass	Satisfying
15	Prof.Mohd Abdul Rehman	14	Pass	Satisfying
16	Prof.Smita A Patil	16	Pass	Completely Satisfying
17	Prof.Feroz Hanif Khan	15	Pass	Completely Satisfying
18	Prof.Parnal P Pawade	17	Pass	Completely Satisfying
19	Prof.Rohan V Thakur	18	Pass	Completely Satisfying
20	Prof.Suhas V Pawar	19	Pass	Completely Satisfying
21	Prof.Anuradha Nawathe	15	Pass	Completely Satisfying
22	Dr. SAYYAD Naimuddin	20	Pass	Completely Satisfying
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29	Prof.Sanjay Dhopate	20	Pass	Completely Satisfying
30	Prof.Kiran A Dongare	20	Pass	Completely Satisfying
31	Prof.Shruti J Sapra	20	Pass	Completely Satisfying
32	Prof. Ganesh P. Deshmukh	15	Pass	Completely Satisfying
33	Dr. Shilpa A. Khapre	14	Pass	Completely Satisfying

Resources:

PROMOTING STUDENT COLLABORATION- BENEFITS AND TOOLS

Presented By,

Dr. Sudhir B.Lande
Vice Principal
VPKBIET,Baramati

Date: 28 April 2021

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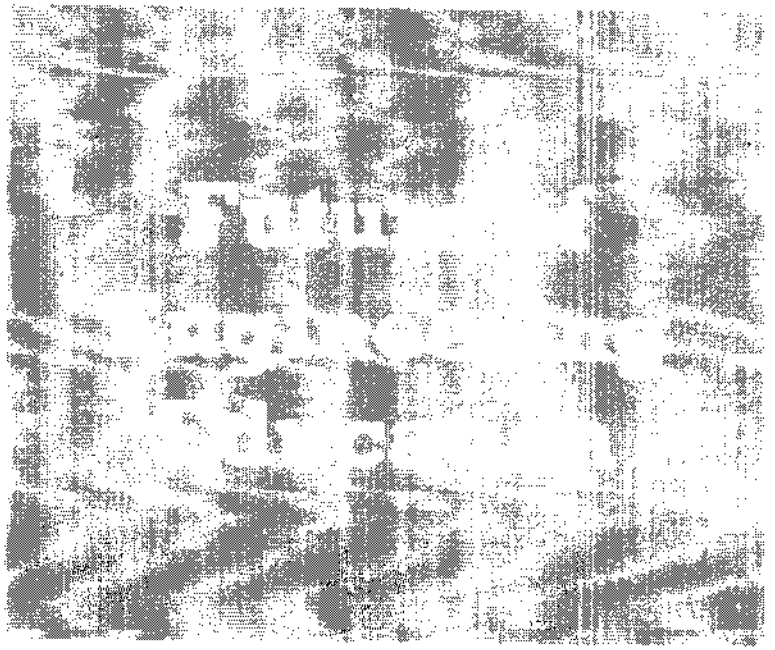
ISTE sponsored Online STTP on
"Pedagogy for Effective use of ICT in Engineering Education"
Organized By
P. R. Pote (Patil) College of Engineering & Management, Amravati



PEDAGOGY
EXCELLENCE
HUMANITARIAN RESEARCH
SKILLS

Dr. S. B. Warkad
NBA & IQAC Coordinator,
P. R. Pote (Patil) College of Engineering, Amravati

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Indian Society for Technical Education

Shaheed Jeet Singh Marg New Delhi – 110 016

CERTIFICATE

This is to certify that Mr/Ms. **VINIT A SINHA** has successfully completed ISTE approved Online/SF-STTP/FDP Programme on "**Pedagogy for Effective use of ICT in Engineering Education**" held during **26.04.2021** to **07.05.2021** organized by **P.R.Pote Patil College Of Engincering And Management, Amravati, Maharashtra**

Online/P-2020/1543

Executive Secretary

186

Indian Society for Technical Education

Shaheed Jeet Singh Marg New Delhi – 110 016

CERTIFICATE

This is to certify that Mr/Ms. **AMBRESH P AMBALGI** has successfully completed ISTE approved Online/SF-STTP/FDP Programme on "**Pedagogy for Effective use of ICT in Engineering Education**" held during **26.04.2021** to **07.05.2021** organized by **P.R.Pote Patil College Of Engineering And Management, Amravati, Maharashtra**

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Online/P-2020/1545

Executive Secretary

P. R. Pote (Patil) Edu. & Welfare Trust's, Group of Institutions, College of Engineering & Management, Amravati	
DEBIT VOUCHER	**No: 03**
Pay to: Dr. Amit Kumar, PG Teacher Ministry of Education, Government of India	**Date:** 31/05/2021
Account of: Expert Remuneration	
Particulars	**Amount (Rs.)**
Paid Expert Remuneration for Guest Lecture in Two Week ISTE Sponsored STTP on: Pedagogy For Effective Use of ICT in Engineering Education" dated 26/04/2021 to 07/05/2021 (Rupees in word: Three Thousand Only)	3,000=00

Receiver's Signature

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DEBIT VOUCHER	**No: 04**
Pay to: Dr. Mahendra Gaikwad, Professor, G. H. Raisoni College of Engineering, Nagpur	**Date:** 31/05/2021
Account of: Expert Remuneration	
Particulars	**Amount (Rs.)**
Paid Expert Remuneration for Guest Lecture in Two Week ISTE Sponsored STTP on: Pedagogy For Effective Use of ICT in Engineering Education" dated 26/04/2021 to 07/05/2021 (Rupees in word: Three Thousand Only)	3,000=00

Receiver's Signature

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DEBIT VOUCHER	**No: 07**
Pay to: Mr. Rajendra Khope, Founder & CEO, ioCare, Pune	**Date:** 31/05/2021
Account of: Expert Remuneration	
Particulars	**Amount (Rs.)**
Paid Expert Remuneration for Guest Lecture in Two Week ISTE Sponsored STTP on: Pedagogy For Effective Use of ICT in Engineering Education" dated 26/04/2021 to 07/05/2021 (Rupees in word: Three Thousand Only)	3,000=00

Receiver's Signature

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P. R. Pote (Patil) Edu. & Welfare Trust's, Group of Institutions, College of Engineering & Management, Amravati	
DEBIT VOUCHER	**No: 08**
Pay to: Dr. S. B. Warkad, Department of Electrical Engineering, PRPCEM, Amravati	**Date:** 31/05/2021
Account of: Expert Remuneration	
Particulars	**Amount (Rs.)**
Paid Expert Remuneration for Guest Lecture in Two Week ISTE Sponsored STTP on: Pedagogy For Effective Use of ICT in Engineering Education" dated 26/04/2021 to 07/05/2021 (Rupees in word: Three Thousand Only)	2,000=00

Receiver's Signature

P. R. Pote (Patil) Edu. & Welfare Trust's, Group of Institutions, College of Engineering & Management, Amravati	
DEBIT VOUCHER	**No: 09**
Pay to: Dr. A. B. Gadicha, Department of CSE, PRPCEM, Amravati	**Date:** 31/05/2021
Account of: Expert Remuneration	
Particulars	**Amount (Rs.)**
Paid Expert Remuneration for Guest Lecture in Two Week ISTE Sponsored STTP on: Pedagogy For Effective Use of ICT in Engineering Education" dated 26/04/2021 to 07/05/2021 (Rupees in word: Three Thousand Only)	2,000=00

Receiver's Signature

.....

P. R. Pote (Patil) Edu. & Welfare Trust's, Group of Institutions, College of Engineering & Management, Amravati	
DEBIT VOUCHER	**No: 10**
Pay to: Prof. Abhishek Ladole, Department of CSE, PRPCEM, Amravati	**Date:** 31/05/2021
Account of: Expert Remuneration	
Particulars	**Amount (Rs.)**
Paid Expert Remuneration for Guest Lecture in Two Week ISTE Sponsored STTP on: Pedagogy For Effective Use of ICT in Engineering Education" dated 26/04/2021 to 07/05/2021 (Rupees in word: Three Thousand Only)	2,000=00

Receiver's Signature

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P. R. Pote Patil Edu. & Welf. Trust's, Group of Institutions,
College of Engineering & Management, Amravati Institute Code : 1107
(Recognized by AICTE, New Delhi, Approved by Govt. of Maharastra & Affiliated to SGBAU, Amravati)
- Kathora Road, Amravati, Maharashtra, India
- Ph. No. : +91-721-2970110, Fax No. : +91-721-2530089 Email : prpotepatilcollege@gmail.com
- Web. : www.prpcem.org, www.prpatilcollege.org

Ref/PRPCOEM/IQAC/2020-21/ Online STTP-01 **Date: 10/05/2021**

To,

Dr. Amit Kumar
PG Teacher
Ministry of Education, Government of India

Subject: Thanks for delivering a Session for Online Short-Term Training Program (STTP) on "Pedagogy for Effective Use of ICT in Engineering Education"

Dear Sir,

Internal Quality Assurance Cell (IQAC) PRPCOEM organized Two Week ISTE sponsored Short Term Training Program (STTP) on "Pedagogy for Effective Use of ICT in Engineering Education" from 26th April to 7th May 2021. In view of the same, for the appreciation and gratitude from the IQAC this letter is being issued for your valuable time and efforts for smooth conduction of the session. Your cooperation has made this STTP a grand success. We would like to thank you for such a wonderful delivery and hope for new collaborations in future.

Schedule date of Session: 04/05/2021

Thank you.

(Dr. S. B. Warkad/ Dr. G. D. Dalvi)
IQAC Coordinator/Dean Academics

(Dr. A. V. Kale)
Principal & IQAC Chairperson

P. R. Pote Patil Edu. & Welf. Trust's, Group of Institutions,
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- Web. : www.prpcem.org, www.prpatilcollege.org

Ref/PRPCOEM/IQAC/2020-21/ Online STTP-01 **Date: 10/05/2021**

To,

Dr. Krishna Kumar
Professor, CSE Department
NIT, Uttarakhand

Subject: Thanks for delivering a Session for Online Short-Term Training Program (STTP) on "Pedagogy for Effective Use of ICT in Engineering Education"

Dear Sir,

Internal Quality Assurance Cell (IQAC) PRPCOEM organized Two Week ISTE sponsored Short Term Training Program (STTP) on "Pedagogy for Effective Use of ICT in Engineering Education" from 26th April to 7th May 2021. In view of the same, for the appreciation and gratitude from the IQAC this letter is being issued for your valuable time and efforts for smooth conduction of the session. Your cooperation has made this STTP a grand success. We would like to thank you for such a wonderful delivery and hope for new collaborations in future.

Schedule date of Session: 26/04/2021

Thank you.

(Dr. S. B. Warkad/ Dr. G. D. Dalvi)
IQAC Coordinator/Dean Academics

(Dr. A. V. Kale)
Principal & IQAC Chairperson

P. R. Pote Patil Edu. & Welf. Trust's, Group of Institutions,
College of Engineering & Management, Amravati Institute Code : 1197
(Recognized by AICTE, New Delhi, Approved by Govt. of Maharastra & Affiliated to SGBAU, Amravati)
- Kathora Road, Amravati, Maharashtra, India
- Ph. No. +91-721-2970110, Fax No. +91-721-2530089 Email : prpotepatilcollege@gmail.com
- Web. : www.prpcem.org, www.prpatilcollege.org

Ref/PRPCOEM/IQAC/2020-21/ Online STTP-01 **Date: 10/05/2021**

To,

Dr. Mahendra Gaikwad
Professor
G. H. Raisoni College of Engineering
Nagpur

Subject: Thanks for delivering a Session for Online Short-Term Training Program (STTP) on "Pedagogy for Effective Use of ICT in Engineering Education"

Dear Sir,

Internal Quality Assurance Cell (IQAC) PRPCOEM organized Two Week ISTE sponsored Short Term Training Program (STTP) on "Pedagogy for Effective Use of ICT in Engineering Education" from 26th April to 7th May 2021. In view of the same, for the appreciation and gratitude from the IQAC this letter is being issued for your valuable time and efforts for smooth conduction of the session. Your cooperation has made this STTP a grand success. We would like to thank you for such a wonderful delivery and hope for new collaborations in future.

Schedule date of Session: 05/05/2021

Thank you.

(Dr. S. B. Warkad/ Dr. G. D. Dalvi)
IQAC Coordinator/Dean Academics

(Dr. A. V. Kale)
Principal & IQAC Chairperson

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ोटे अभियांत्रिकी महाविद्यालयात एसटीटीपीचे आयोजन

रावती/ का.प्र.

पी आर पोटे
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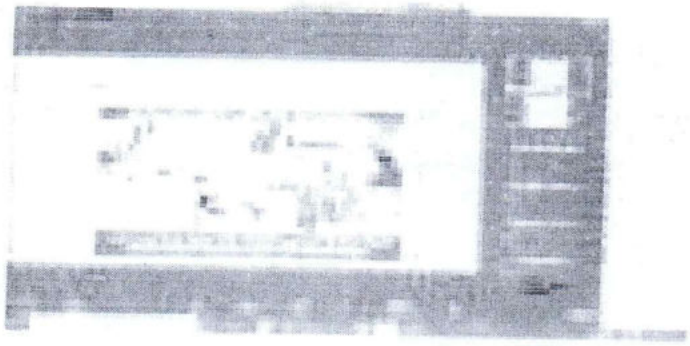
गाने शॉर्ट टर्म ट्रेनिंग
योजन करण्यात आले



नाविन्यपूर्ण शिक्षण पध्दतीवर मार्गदर्शन

महामारीमुळे सर्वत्र
त्रज्ञानाचा वापर करून
शिक्षण देण्यात येत

दरम्यान विद्यार्थ्यांना
गी जात असल्यामुळे
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ध्दतीचा वापर योग्य
ात यावा याकरिता या
ये आयोजन
ा मुख्य उद्देश होता.
एनआयटी उत्तराखंड येथील डॉ. कृष्णकुमार, तसेच डॉ. सुधिर लांडे, डॉ. विवेक नानोटी, शिक्षण मंत्रालयाचे मिस्टर अमितकुमार, डॉ. महेंद्र गायकवाड, पोटे अभियांत्रिकीचे डॉ. संजय वरकड, डॉ. अजय गडीचा, प्रा. अभिषेक लाडोळे यांसारख्या अनेक मान्यवरांनी प्रेझेंटेशनद्वारे नवीन शिक्षण सेवक पध्दतीबद्दल आपली मते मांडली. एसटीटीपीच्या यशस्वी आयोजना करिता संयोजक डॉ. गोपाल व डॉ. संजय वरकड यांच्या मार्गदर्शनात समस्त विभाग प्राध्यापक वर्गाने मोलाचे स केले.

आयोजनाच्या यशस्वीते अध्यक्ष प्रवीण पोटे, उप श्रेयस पोटे, संचालक डॉ. f ढोके, प्राचार्या डॉ. उपप्राचार्या डॉ. मोहम्मद जुहे सर्वांचे अभिनंदन केले.

P.R. POTE (PATIL) COLLEGE OF ENGINEERING &MANAGEMENT, AMRAVATI.

Department of Electrical Engineering

Contents

Sr.No.	Name of document
1.	Covering Letter
2.	Program Proposal
3.	Program Sanctioned Letter by Statuary Bodies
4.	Budget Estimation for the Program
5.	Schedule of Program
6.	Details of organizing committees
7.	Details of Guest Speakers
8.	Invitation letters to guest speakers
9.	List of Participants registered to the Program
10.	Session summary report
11.	Session feedback and Outcomes
12.	Resources Details
13.	Sample Certificates
14.	Thanks letter to Guest speakers
15.	Expenditure details
16.	Publicity details

To,

The Dean,

Research and Development,

PRPCEM,

Amravati.

Subject: Submission of Documents related to STTP.....

Respected Sir,

IEEE Bombay Section in association with Department of Electrical Engineering, P. R. Pote (Patil) Education & Welfare Trust's Group of Institutions College of Engineering & Management, Amravati, had organized Two Week Online STTP on **"Cultivation of Engineering Tools Based on Competencies in Engineering Community"** from **31st May2021 to 12th June 2021** on WebEx platform at **4:00pm to 5:00 pm.**

As per instructions received from Hon. Principal Sir. Please find complete file including all necessary documents of the above said STTP herewith.

Thanking you,

Yours Faithfully,

Dr.A.S.Telang

(STTP Coordinator)

Date: 23/06/2021

P. R. Pote (Patil) Education & Welfare Trust's Group of Institutions, College of Engineering and Management, Amravati

IEEE Bombay Section in Association with

Department of Electrical Engineering

Two Weeks Online STTP with Hands on sessions-

On

"Cultivating Engineering Tools based Competencies in Analysing Engineering Education"

(31-05-2021 to 12-6-2021)

About STTP

A teacher's role today goes much beyond just disseminating knowledge. It is about nurturing young learners to be resilient, adaptive, innovative, empathetic and critical thinkers; all of which they need, to be successful in a fast-evolving world. As teachers, it is our collective responsibility that we open their minds to not just 'what was' but to 'what can be' and 'what is my role in it'.

All above needs will be explored and addressed with practical training in this two weeks STTP.

Objectives

1] To explore how engineering faculty from all streams can integrate Software tools and ICT tools for creating classrooms where multiple perspectives are discussed critically and reflectively. It is imperative towards nurturing 21st century global citizens.

2] To leverage simulation with optimization tools/ software tools/Simulink for engineering teaching to go from pen and paper problems to real world examples.

3] To update faculty,PG students and research scholars with recent advances in the engineering field.

4] To introduce emotional intelligence concept and its practical applications in real life for nurturing a sound mind during this pandemic situation.

IEEE Bombay Section in Association with Department of Electrical Engineering

Two Weeks Online STTP with Hands on sessions on *"Cultivating Engineering Tools based Competencies in Analysing Engineering Education"*

(31-05-2021 to 12-6-2021)

Tentative Schedule

Date/Time	4:00 pm -6:00 pm
31.05.2021 Monday	Inauguration + Keynote address by Industry Expert and Introduction of participants and Suggestions
1.06.2021 Tuesday	Session I Effective use of Tools "Designing tools of assessment for engineering and Technology Education to achieve UN-sustainable development Goals" By Dr. Sudipto Bhattachrya, VIT, Vellore.
2.06.2021 Wednesday	Session II Optimization Tools Dr.C.K.Babulal, Asso.Professor, Thyagarajar College of Engineering, Madurai
3.06.2021 Thursday	Session III Optimization Tools Dr.C.K.Babulal, Asso.Professor, Thyagarajar College of Engineering, Madurai.
4.06.2021 Friday	Session IV Engineering Software Tools "Educational Technology Tools for effective teaching learning" Dr. Anita Divekar, IIT, Pawai.

Expected Budget Requirements:

Sr.No.	Total no. of sessions	Total Honorarium (Rs.3000 per session)
1.	Session I to Session X	30,000/-
2.	Inaugural and Valedictory sessions	6,000/-
Winner team: Rs 2000 Runner Up: Rs 1000 Prize Money= Rs.3000/-		
Total Budget= 39,000/- Approx.		

Expected Budget Distribution

1] Participants Registration Fees (minimum 40 participants)

a) For IEEE members= Nil

b) For Non-IEEE members=Rs. 100/-

Approximately 4000/-Approx.

2] IEEE Mumbai Section Support

60% of total budget =23,400/-Approx

3] College support

40% of the total budget Rs.15000/-Approx.

Coordinators: Dr. Anita Divekar, Dr.A.S. Telang

HOD: Prof.D.A.Shahakar

Dr. Divekar
(Dr. A.S. Telang)

Date: 29/5/2021

To,

The Principal,

P.R.P.C.E.M,

Amravati.

Subject: Request for sanctioning budget of STTP.....

Respected Sir,

IEEE Bombay Section in Association with Department of Electrical Engineering, PRPCEM, is going to organize Two Weeks Online STTP with Hands on sessions on ***"Cultivation of Engineering Tools Based on Competencies in Engineering Community"*** schedule from 31st May2021 to 12th June 2021. The detailed copies of STTP proposal, schedule of STTP and estimated budget are attached herewith for your kind perusal.

We request you to kindly sanction the estimated budget for the said two weeks on-line Short-Term Training Program.

Thanking You,

Yours Sincerely,

Dr.A.S.Telang

STTP Co-ordinator

Prof. D.A.Shahakar

HOD(EE)

Encl:

1] STTP Proposal

2] Schedule of STTP

3] Budget Estimate

P. R. Pote (Patil) Education & Welfare Trust's Group of Institutions, College of Engineering and Management, Amravati

IEEE Bombay Sectionin Association withDepartment of Electrical Engineering

Two Weeks Online STTP with Hands on sessions-

On

"Cultivation of Engineering Tools Based on Competencies in Engineering Community"

(31-05-2021 to 12-6-2021)

About STTP

A teacher's role today goes much beyond just disseminating knowledge. It is about nurturing young learners to be resilient, adaptive, innovative, empathetic and critical thinkers; all of which they need, to be successful in a fast-evolving world. As teachers, it is our collective responsibility that we open their minds to not just 'what was' but to 'what can be' and 'what is my role in it'.

All above needs will be explored and addressed with practical training in this two weeks STTP.

Objectives

1] To explore how engineering faculty from all streams can integrate Software tools and ICT tools for creating classrooms where multiple perspectives are discussed critically and reflectively. It is imperative towards nurturing 21st century global citizens.

2] To leverage simulation with optimization tools/ software tools/Simulink for engineering teaching to go from pen and paper problems to real world examples.

3] To update faculty PG students and research scholars with recent advances in the engineering field.

4] To introduce emotional intelligence concept and its practical applications in real life for nurturing a sound mind during this pandemic situation.

IEEE Bombay Sectionin Association with

Department of Electrical Engineering

Two Weeks Online STTP with Hands on sessions on

"Cultivating Engineering Tools Based Competencies in Engineering Community"

(31-05-2021 to 12-6-2021)

Tentative Schedule

Date/Time	4:00 pm -6:00 pm
31.05.2021 Monday	Inauguration + Keynote address by Chief Guest and Introduction of participants and Suggestions
1.06.2021 Tuesday	Session I **Effective use of Tools** "Designing tools of assessment for engineering and Technology Education to achieve UN-sustainable development Goals" By Dr.Sudipto Bhattacharya, VIT, Vellore.
2.06.2021 Wednesday	Session II **Optimization Tools** Dr.C.K.Babulal, Professor and Head of EE dept, Thyagarajar College of Engineering, Madurai
3.06.2021 Thursday	Session III **Optimization Tools** Dr.C.K.Babulal, Asso.Professor, Thyagarajar College of Engineering, Madurai.
4.06.2021 Friday	Session IV **Engineering Software Tools** Dr. Anita S. Diwakar, Designated Partner AIEE Edtech
5.06.2021 Saturday	Session V **Effective use of ICT tools** Dr. Kapil Kadam, Alumni PhD Educational Technology IIT Bombay.
7.06.2021 Monday	Session VI **Introduction to General Algebraic Modelling System (GAMS)**- Dr Kailash Chand Sharma, Dr. BR Ambedkar NIT Jalandhar,(Punjab) - 144011
8.06.2021 Tuesday	Session VII **Introduction to General Algebraic Modelling System (GAMS)-** Dr. Kailash Chand Sharma BR Ambedkar NIT Jalandhar,(Punjab) - 144011
9.06.2021 Wednesday	Session VIII **Emotional Intelligence** Dr. Neeta Tatke, Vice Principal and Head of Psychology at Ruparel College, Mumbai.
10.06.2021	Session IX

IEEE BOMBAY SECTION

In Association with

Department of Electrical Engineering
P. R. Pote (Patil) Education & Welfare Trust's Group of Institutions
College of Engineering & Management, Amravati

Budget Estimate

Particulars	Amount (Rs.)
Day 1- Lecture (Honorarium- Speaker 1)	3000/-
Day 2- Lecture (Honorarium- Speaker 2)	3000/-
Day 3- Lecture (Honorarium- Speaker 3)	3000/-
Day 4- Lecture (Honorarium- Speaker 4)	3000/-
Day 5- Lecture (Honorarium- Speaker 5)	3000/-
Day 6- Lecture (Honorarium- Speaker 6)	3000/-
Day 7- Lecture (Honorarium- Speaker 7)	3000/-
Day 8- Lecture (Honorarium- Speaker 8)	3000/-
Day 9- Lecture (Honorarium- Speaker 9)	3000/-
Day 10- Lecture (Honorarium- Speaker 10)	3000/-
Day 11- Lecture (Honorarium- Speaker 11)	3000/-
Total Amount (Rs.)	**33,000/-**
Renewal of IEEE Membership for Student Branch Counselor (College support)	**5,811/-**

Budget Distribution:

A] IEEE Mumbai section Support

60% of total budget =19,800/-

B] College support

40% of the total budget= Rs.13,200/-

Along with renewal of IEEE Student Branch Counsellor Membership= $79 (Rs. 5,811/-dated 12th May 2021)

Total budget Estimate from college Support-

Rs. 19,011/- (Rupees Nineteen Thousand Eleven only)

Dr.A.S.Telang
STTP COORDINATOR

Prof. D.A.Shahakar
HOD

IEEE BOMBAY SECTION Expenses Claim Sheet

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Date: - 28/5/2021

Name ofClaimant: - Dr.A.S.TelangMobile No : 9823541747

Expenses made for:Conduction of Two Week Online STTP

Sr. No.	Date	Bill details/Particular	Amount
1	31/5/2021 to 12/6/2021	Honorarium to Resource persons and Chief Guests 1] Inaugural and Valedictory Chief Guest renumeration= Rs. 3000/ each 2] Technical sessions Resource Persons=09 (Renumeration for each session= Rs.3000/)	Rs. 6000/- Rs. 27000/-
		TOTAL →	RS. 33,000/-

Budget Distribution:

A] IEEE Mumbai section Support

60% of total budget = 19,800/-

B]College support

40% of the total budget= Rs.13,200/-

Account Details for disbursement of Amount:

1	Account Name	PRINCIPAL, P R POTE (PATIL) GP OF EDU INST COLL OF ENG & MGT
2	Account No	60106653012
3	Bank Name	Bank of Maharashtra
4	Branch Name	Kathora (Budruk), Amravati
5	IFSC Code	MAHB0001621

Name & Signatureof Claimant: _Dr.Aparna S. Telang

Submitted by Dr.A.S.Telang

Treasurer Secretary Chairperson

IEEE
BOMBAY SECTION

In Association with

Department of Electrical Engineering

P. R. Pote (Patil) Education & Welfare Trust's Group of Institutions
College of Engineering & Management, Amravati

Online Short-Term Training Program (STTP)

On

"Cultivation of Engineering Tools Based on Competencies in Engineering Community"

31st May to 12th June2021

4: 00 PM to 6:00 PM

STTP Schedule

Date/Time	Name of Resource Person	Session Handle By Faculty	Responsibilities
31.05.2021 Monday	**1] Dr. Sanjay Chahande** **2] Dr.Satyanarayaa Bustee**	1] Prof. S. V. Sonkhaskar 2] Prof. Y. D. Shahakar	1] Complete Inaugural Function Handling.
1.06.2021 Tuesday	**Dr. Anita S. Diwakar,** Designated Partner AIEE Edtech. IIT Bombay.	1] Prof. P. M. Mankar 2] Dr.A.S.Telang	1] a] Start of the Programme b] Vote of Thanks c] Announcement of next day b] Queries asked by participant c] Feedback link announcement 2] a] Guest Introduction
2.06.2021 Wednesday	**Dr.C.K.Babulal,** Asso.Professor, Thyagarajar College of	1] Prof. Y.D.Shahakar 2] Prof. A.A.Ghute	1] a] Programme Announcement b] Vote of Thanks c] Announcement of next day

	College, Mumbai		
10.06.2021 Thursday	**Dr. C. Balaji, Professor** Department of Mechanical Engineering, Indian Institute of Technology Madras, Chennai.	**Prof. S. Sankhaskar** Dr.Goswami	
11.06.2021 Friday	**Games**		
12.6.2021 Saturday	**Valedictory and feedback**	Dr.S.B.Warkad 1] Prof. P.M.Mankar 2] Prof. S. V. Kalmegh	

Dr.A.S.Diwakar&Dr.A.S.Telang
STTP COORDINATORS

Prof.D.A.Shahakar
H.O.D

Date: 28//5/2021

P. R. Pote (Patil) College of Engineering & Management, Amravati

Department of Electrical Engineering in Association with

IEEE Bombay Section

Two Weeks Online STTP with Hands on sessions-

On

"Cultivating Engineering Tools Based Competencies in Engineering Community"

(31-05-2021 to 12-6-2021)

Sr.No	Name of the Faculty	Responsibility
1.	1. Dr. A.S. Telang 2. Prof. D.A. Shahakar	1. Overall Coordination for STTP 2. Invitation Letter and Thanks Letter to Speakers.
2.	1. Prof. A.A. Ghute 2. Prof. A.K. Duchakke	1. Boucher and Leaflet Design 2. Registration Process handling
3.	1.Mrs. Y.D. Shahakar 2.Ms. P.M. Mankar 3.Prof. S.V. Sonkhaskar 4.Ms. S. Kalmegh	1. Inauguration and Valedictory Program management. 2. Session handling.
4.	Prof. P.S. Kotak	1. Feedback and attendance
5.	1. Prof. H.S. Kulat 2. Prof. S.A. Jalit	1. Design and distribution of certificate
6.	Dr. S.B Warkad	1. Session recording
7.	1. Ms. P. R. Rane 2. Prof. A.P. Pundkar	1. Report and news preparation. 2. Online Quiz

Technical Head: Prof. D.A.Shahakar and Prof. S.V.Sonkhaskar

STTP Coordinator HOD

Date: 20/5/202.

IEEE BOMBAY SECTION

In Association with

Department of Electrical Engineering

P. R. Pote (Patil) Education & Welfare Trust's Group of Institutions
College of Engineering & Management, Amravati

Online Short-Term Training Program (STTP)

On

"Cultivation of Engineering Tools Based on Competencies in Engineering Community"

(31/5/2021 TO 12/6/2021)
4:00PM to 6:00PM

Details of Guest Speakers

Sr.No.	Name of Resource Person	Topic Name
1.	Dr. Anita S. Diwakar, Designated Partner AIEE Edtech, IIT Bombay.	**"Educational Technology Tools for Effective Teaching Learning"**
2.	Dr.C.K. Babulal, Professor and Head of Electrical Engineering Department, Thyagarajar College of Engineering, Madurai	**"Optimization Tools"**
3.	Dr.Sudipto Bhattacharya, Professor - International Business, Entrepreneurship & Strategy VIT Business School, VIT, Vellore, Tamil Nadu	**"Designing tools of assessment for Engineering and Technology Education to achieve UN-sustainable development Goals"**
4.	Dr. Kapil Kadam, Alumni PhD Educational Technology IIT Bombay.	**"Effective use of ICT tools"**
5.	Dr Kailash Chand Sharma, A.P., Dr BR Ambedkar NIT Jalandhar,	**"Introduction to General Algebraic Modelling**

	(Punjab) - 144011	**System (GAMS)"**
6.	Dr. Neeta Tatke, Vice Principal and Head of Psychology at Ruparel College, Mumbai.	**"Emotional Intelligence"**
7.	Dr. C. Balaji, Professor Department of Mechanical Engineering, Indian Institute of Technology Madras, Chennai	**"The Power of Examples"**
8.	Dr.A.S.Telang, A.P.,PRPCEM,Amravati.	"Unlocking the secret of Happiness"
9.	Dr.SatyanarayanBesette, Scientific Officer (H), Dept. of High Energy Physics, Tata Institute of fundamental Research and Chairperson, IEEE Bombay Section.	"Monte Carlo Simulations for Engineering Applications"

Dr.A.S.Telang

STTP COORDINATOR

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P. R. Pote Patil Edu. & Welf. Trust's, Group of Institutions,
College of Engineering & Management, Amravati
Pote Estate, Pote Patil Road, Kathora, Amravati, Maharashtra)
0721-25... 2 4 ...0089 Fax No.: 0721-2530341 Email: ...college@gmail.com, website: www.prpatilcollege.org
(Recognized by AICTE, New Delhi & affiliated to SGBAU, Amravati)

Ref.: PRPCOEM/ Date:

Date: 25/5/2021

To,

Dr. C. Balaji,

Professor Department of Mechanical Engineering,

Indian Institute of Technology Madras,

Chennai.

Subject: -Invitation to be the resource person for STTP....

Respected Sir,

IEEE Bombay Section in association with Department of Electrical Engineering, P. R. Pote (Patil) College of Engineering & Management, Amravati is organizing Virtual Short Term Training Program (STTP) on **"Cultivation of Engineering Tools Based on Competencies in Engineering Community"**. This STTP Program is scheduled for two weeks i.e., **from 31st May to 12th June 2021**. This program is designed to train Engineering faculty members and researchers to use modern and advance tools effectively for the enhancement of their teaching-learning processes. The training is well balanced with the emotional intelligence sessions and hands on sessions.

It is a privilege to cordially invite you as an expert instructor to conduct the session on

"The Power of Examples" on Thursday10/06/2021at 4:00 pm.

Your presence in this program will be an inspiration to us. We sincerely request you to accept our invitation and grace the occasion. We shall be highly obliged if you spare your valuable time.

With warm regards.

Thanking you,

Dr.A.S. Diwakar& Dr. A.S. Telang

STTP Coordinators

Prof.D.A.Shahakar

HOD (EE)

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P. R. Pote Patil Edu. & Welf. Trust's, Group of Institutions, College of Engineering & Management, Amravati

Pote Estate, Pote Patil Road, K[illegible], Amravati (Maharashtra)

0721-25[illegible] [illegible] Fax No. 0721 - 2530341 Email [illegible] website [illegible]

(Recognized by AICTE, New Delhi [illegible] to SGBAU, Amravati)

Ref.: PRPCOEM/ Date:

Date: 25/5/2021

To,

Dr. Anita S. Diwakar,

Designated Partner AIEE EdTech,

IIT Bombay.

Subject: -Invitation to be the resource person for STTP....

Respected Madam.

IEEE Bombay Section in association with Department of Electrical Engineering, P. R. Pote (Patil) College of Engineering & Management, Amravati is organizing Virtual Short Term Training Program (STTP) on **"Cultivation of Engineering Tools Based on Competencies in Engineering Community"**. This STTP Program is scheduled for two weeks i.e., **from 31st May to 12th June 2021**. This program is designed to train Engineering faculty members and researchers to use modern and advance tools effectively for the enhancement of their teaching-learning processes. The training is well balanced with the emotional intelligence sessions and hands on sessions.

It is a privilege to cordially invite you as an expert instructor to conduct the session on **"Educational Technology Tools for Effective Teaching Learning"on Tuesday, 1/06/2021 at 4:00 pm.**

Your presence in this program will be an inspiration to us. We sincerely request you to accept our invitation and grace the occasion. We shall be highly obliged if you spare your valuable time.

With warm regards.

Thanking you,

Dr.A.S. Diwakar& Dr. A.S. Telang

STTP Coordinators

Prof.D.A.Shahakar

HOD (EE)

P.R.Pote Patil College of Engineering and Management, Amravati
Electrical Engineering Department
List of all participants for two week STTP on "Cultivation of Engineering Tools Based on Competencies in Engineering Community"

Sr.No	Participants full name	Name of Organization
1	Deepak Shahakar	P. R. Pote (Patil) College of Engineering & Management, Amravati
2	Dr. SANJAY B. WARKAD	P R Pote Patil College of Engineering, Amravati
3	Yogita D Shahakar	P.R.Pote (Patil) College of Engineering & Management, Amravati
4	Nikita Narendra Sawade	PRPCEM Amravati
5	Pritee R Rane	P.R.Pote(Patil) College of Engineering and Management, Amravati
6	Saurabh N. Mehta	Vidyalankar Institute of Technology
7	Priya.R	Manakula Vinayagar institute of technology
8	Avinash G. Mahalle	Prof. Ram Meghe Institute of Technology and Research, Badnera-Amravati
9	Akshay Prakashrao Pundkar	P R Pote Patil College of Engineering and Management
10	Ashish Kishorrao Duchakke	PRPCEM
11	Suhasini Navindra Raut	P.R.Pote college of engineering Amravati
12	Dr. V. SARAVANAN	Arunai Engineering College Tiruvannamalai Tamil Nadu India
13	Dr.Aparna S.Telang	PRPCEM
14	Hemant Sahebrao Kulat	PRPPCOEM Amravati
15	Atul Anantrao Ghute	P.R.Pote Patil College of engineering and Mgt, Amravati
16	Dr.G.D.Dalvi	PRPCE&M, Amravati
17	Prachi Vinod Kale	P. R. Pote Patil College of Engineering and Management, Amravati
18	Pallavi Marotirao Mankar	PRPCEM Amravati
19	Prof. Pratyenja S. Ganorkar	Dr. Sau Kamaltai Gawai Institute of Engineering &Technology, Darapur
20	Sachin Ganeshrao Phiske	Jawaharlal Darda Institute of Engineering and Technology, Yavatmal
21	Sarang v bhonde	PRPCEM Amravati
22	Anjali Gunsagar Gaikwad	TGPCET
23	Sachin A. Jalit	PRPCEM Amravati
24	Krutika Chhajed	PRPCEM, Amravati
25	Dr.Sayyad Naimuddin	Anjuman College of Engineering and Technology Nagpur
26	Umesh W Hore	P.R.Pote College of Engineering & Management, Amravati
27	Mr.NANDYALA SIVA NAGENDRA	BVC ENGINEERING COLLEGE ODALAREVU AUTONOMOUS
28	Rashmi Bijwe	Hvpm Coet
29	Smita Vijay Kalmegh	PRPCEM Amravati
30	Dr. M. K. Bhanarkar	Shivaji University, Kolhapur
31	Dr.Chitra A.Dhawale	P.R.Pote College of Engineering and Management
32	Dr. Ajay B Gadicha	P.R.Pote Patil College of Engineering and Management Amravati
33	Sunpreet Kaur Nanda	P. R. Pote COEM
34	Dr. Mohan Bhagwat Tasare	Prof Ram Meghe College of Engineering and Management
35	Ruchita Ajayrao Kale	Prof. Ram Meghe Institute of Technology and Research, Badnera-Amravati
36	Dr Atul D Raut	PRPCEM
37	Sneha R.Sontakke	PRPCEM, Amravati
38	Ramakrishna Adabala	BVCEC, Odalarevu
39	Rohini Pradip Haridas	NA
40	Dr. Gouri Halde	PIET, Nagpur
41	Pranjal Jog	PCCOE, Nigdi, Pune
42	VENKATANARAYANA ADABALA	BVC ENGINEERING COLLEGE
43	Ranjana Pundlikrao wankhade	Government polytechnic,Amravati
44	Mr Sagar Vijay Sonkhaskar	P. R. Pote Patil College of Engineering and Management, Amravati
45	SEKHAR BODABALLA	BVC ENGINEERING COLLEGE
46	Pragati Nitin Korde	G H Raisoni Institute of Engg and Technology, Pune

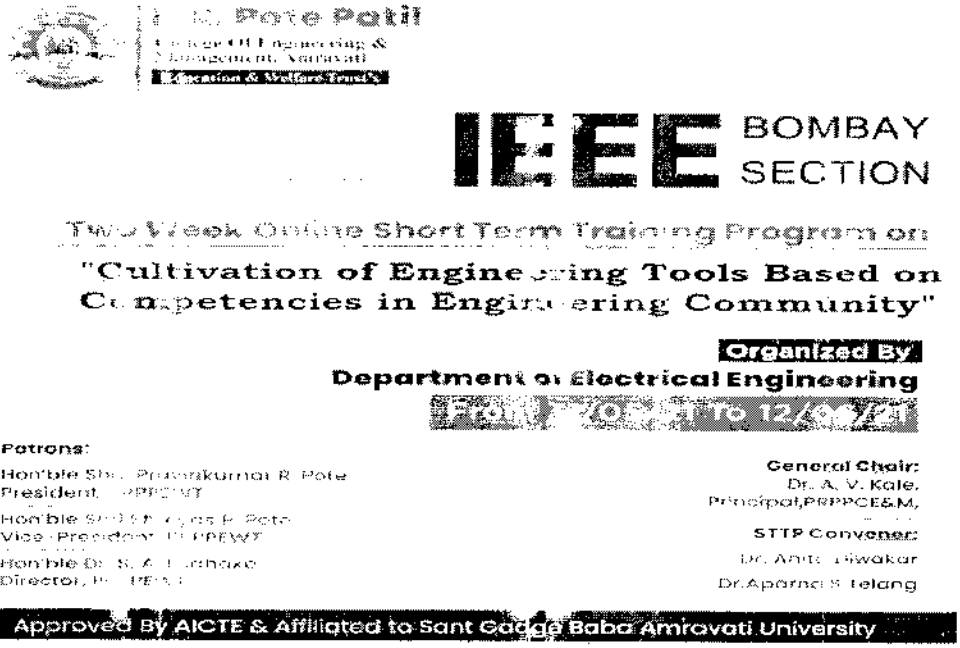
Report on

Two Week Online Short-Term Training Program (STTP)

On

"Cultivation of Engineering Tools Based on Competencies in Engineering Community"

(31/5/2021 to 12/6/2021)



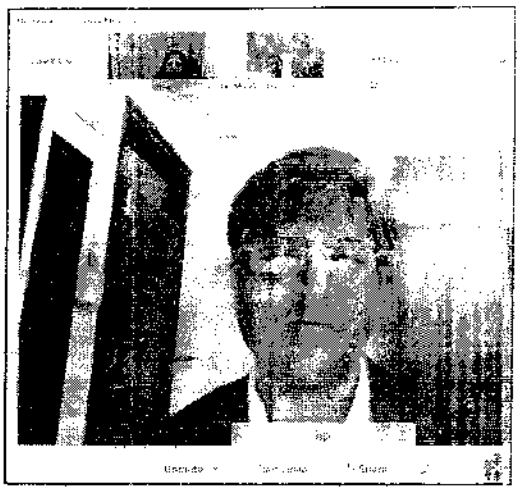
A teacher's role today goes much beyond just disseminating knowledge. It is about nurturing young learners to be resilient, adaptive, innovative, empathetic and critical thinkers; all of which they need, to be successful in a fast-evolving world. As teachers, it is our collective responsibility that we open their minds to not just 'what was' but to 'what can be' and 'what is my role in it'.

All above needs had been explored and addressed with practical training in Two Week Online STTP.

- Dr. Neeta Tatke, (Vice Principal and Head of Psychology at Ruparel College, Mumbai),
- Dr. C. Balaji, (Professor Department of Mechanical Engineering, Indian Institute of Technology Madras, Chennai),
- Dr.A.S.Telang, A.P, PRPCEM, Amravati.
-

- **No. of Participants: 97**
  - ✓ IEEE Members: 26
  - ✓ Non-IEEE Members :71
  - ✓ **Domains**
    - 8 domains (EE, EXTC, CSE, IT, Physics, Mathematics....)
  - ✓ **Institutes**
    - 10 institutes
    - Amravati, Nagpur, Sangli, Islampur, Pune, Gwalior,Darapur,Yavatmal, Nashik, Tiruvannamalai, Odalarevu, Bhilai, Nanded, Kolhapur, Mumbai

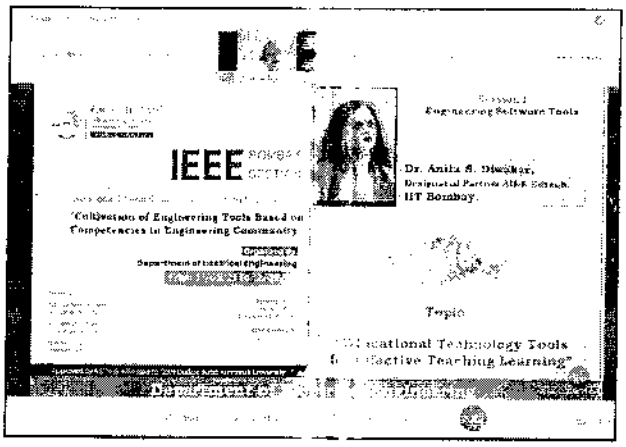
Valedictory Function: 12 th June 2021

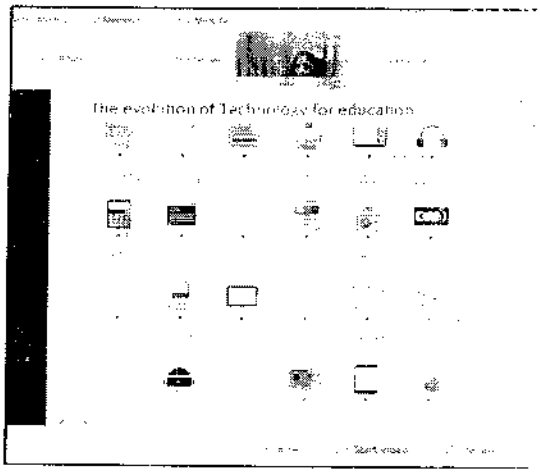


Day 2 (Tuesday, 1st June 2021)

For Session 1 Speaker was Dr. Anita S. Diwakar,Designated Partner AIEE Edtech, IIT Bombay. She has delivered a very interactive and knowledgeable session on "Educational Technology Tools for Effective Teaching Learning". Madam covered various topics as Educational Technology, Eductional Technology Tools, Active learning strategies and also about Virtual Laboratory. As a part of hands-on training, madam gave assignment to all participants.

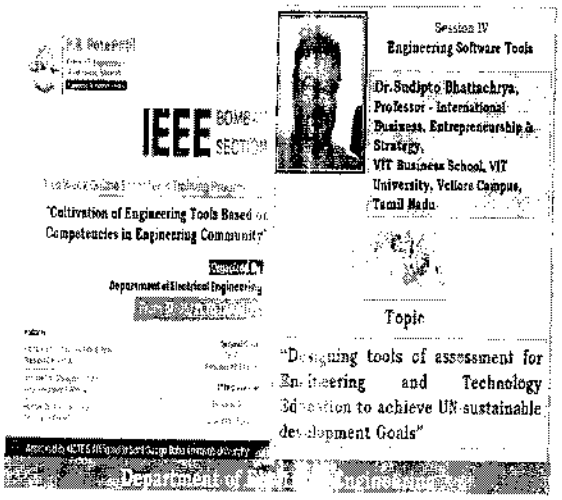
Session handling was done by Prof. P. M. Mankar and Dr. A.S.Telang.

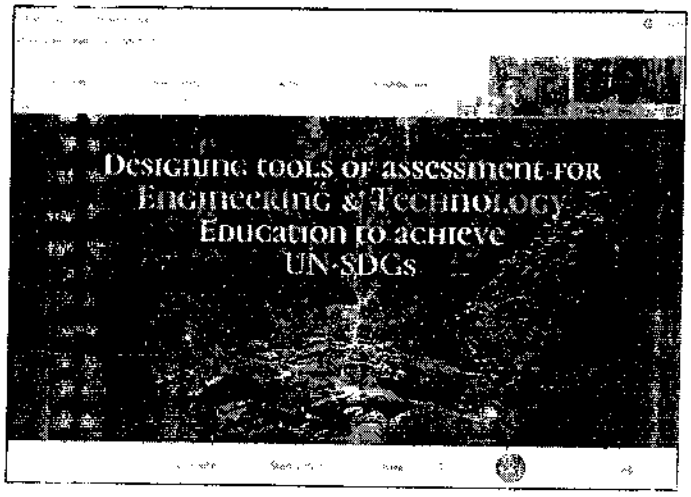


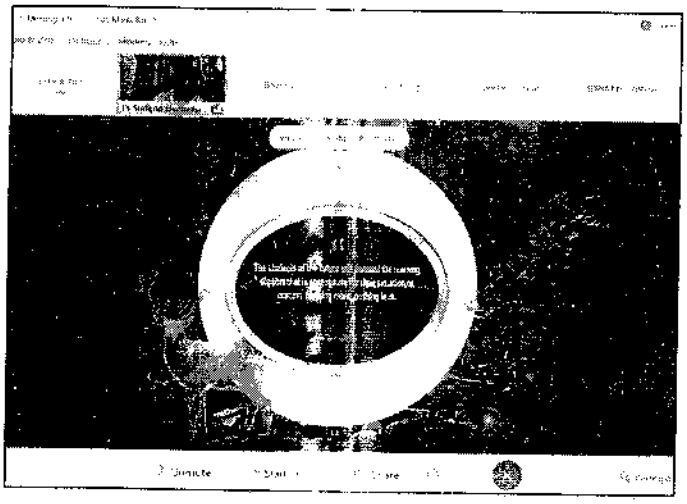


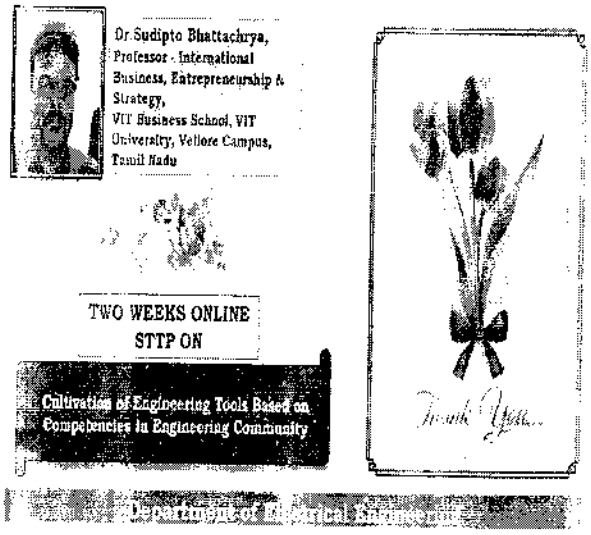
For Session IV, resource personwas Dr. Sudipto Bhattacharya, Professor - International Business, Entrepreneurship & Strategy, VIT Business School, VIT University, Vellore Campus, Tamil Nadu. He delivered a very interactive and knowledgeable session with very lively pptpresentation on "Designing tools of assessment for Engineering and Technology Education to achieve UN-sustainable development Goals".

Session handling was done by Dr.A.S.Telagand Dr. M. K. Bhanarkar.





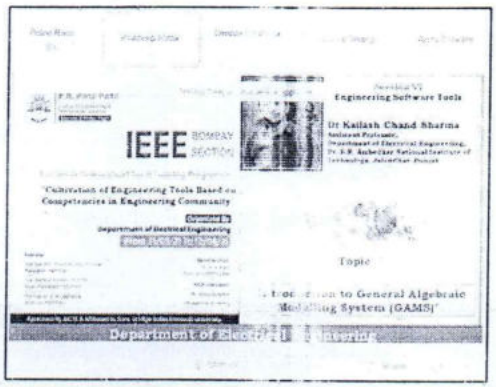


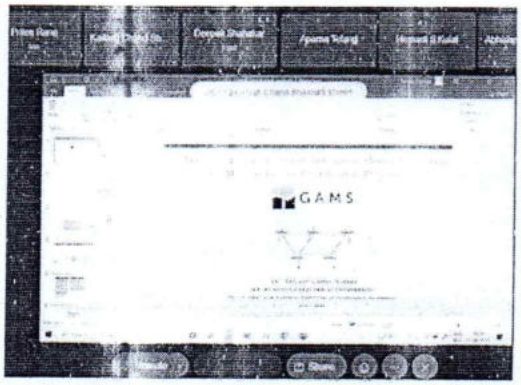


Day 6 (Sunday, 6th June 2021)

For this session VI resource person was Dr Kailash Chand Sharma, A.P., Dr. B.R.Ambedkar NIT Jalandhar, Punjab and session was on the topic "Introduction to General Algebraic Modelling System (GAMS)". Sir gave introduction to GAMS which can be an alternative to MATLAB for carrying out optimization coding. This was part I of his talk.

Session handling was done by Prof. P.J. Kotak and Prof. H.S. Kulat.

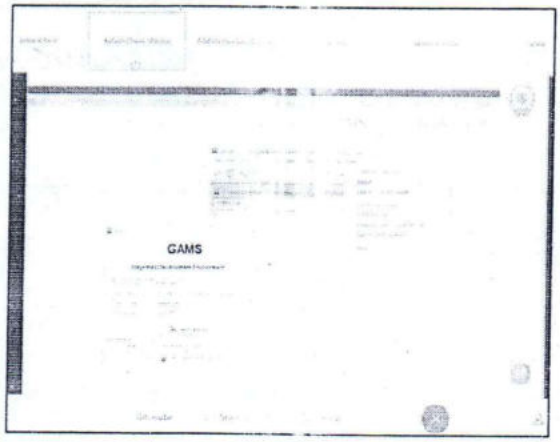


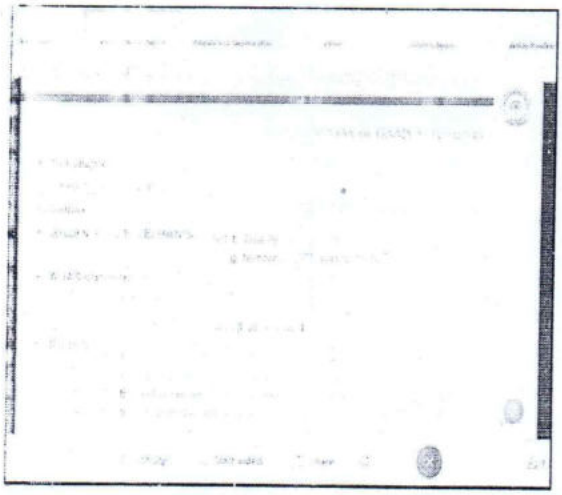


Day 8 (Tuesday, 8th June 2021)

This was part II of VII session of Dr Kailash Chand Sharma for the topic of "Introduction to General Algebraic Modelling System (GAMS)". It was a completely a hands-on session in which sir explained coding in GAMS in a very simplified way. It was very useful session for all participants specially researchers working in the field of optimization.

Session handling was done by Prof. P.J. Kotak and Prof. H.S.Kulat.

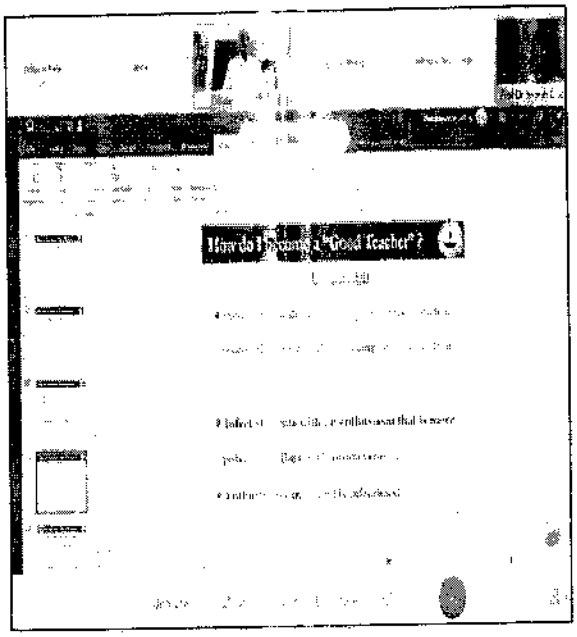


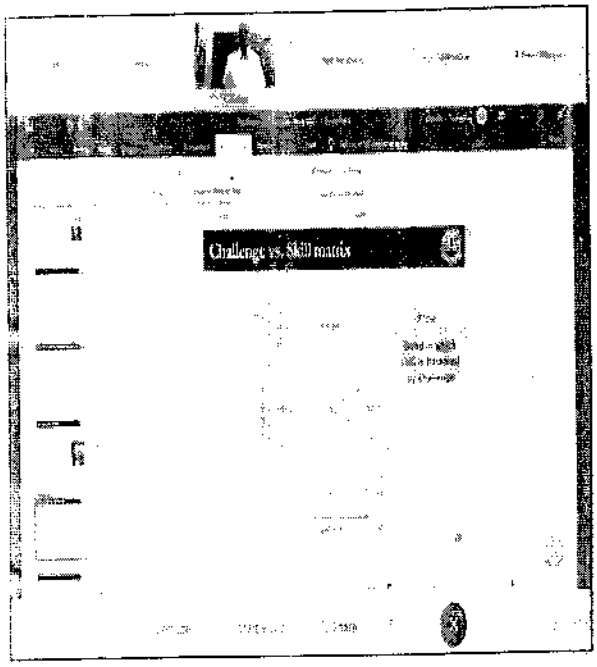


Day 9 (Wednesday, 9th June 2021)

For Session IX, eminent speaker was Dr. C. Balaji, Professor Department of Mechanical Engineering, Indian Institute of Technology Madras, Chennai. He delivered a very interactive and knowledgeable session with very lively pptpresentation on "The Power of Examples".Sir firstly explained, how to be a good teacher and then tricks as how to make students understand the topic by giving examples.

Session handling was done by Prof. S. V. Sonkhaskar and Dr.Y.C.Goswami.





Day 11 (Friday, 11th June 2021)

The Valedictory function was graced chief guest Hon. Dr. B.Satyanarayana, (Scientific Officer (H), Dept. of High Energy Physics, Tata Institute of Fundamental Research and Chairperson, IEEE Bombay Section) and guest of honor Dr. Kiran Talele, Treasurer, IEEE Bombay section.

First of all Dr,Anita S. Dewakar madam presented the overall summary of the STTP After that Dr.B.Satyanarayana sir shared his valuable knowledge on "Monte Carlo Simulation for Engineering Applications". Sir wished his heartiest congratulation toorganizing team for making STTP success one. Dr. Kiran Talele sir appreciated efforts of the organizing team and sincerity and dedication put by the coordinators. Valedictory function was continued with feedback sessions. Participants gave a very positive feedbackappreciating the energy, involvement and commitment of complete team to make the STTP successful.

After this Dr.Anita S. Diwakar Madam declared the winners of the "hands on session assignments". The winners were –

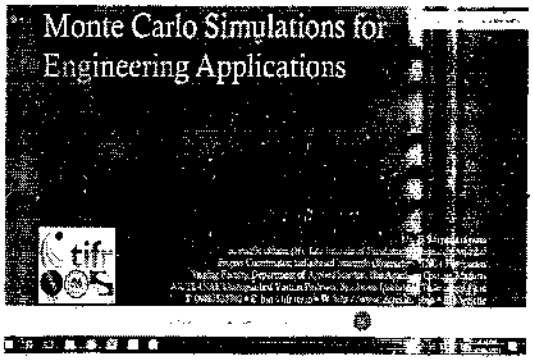
1) Mrs.Anita Vilas Thakare

2)RushaliR.Thakkar

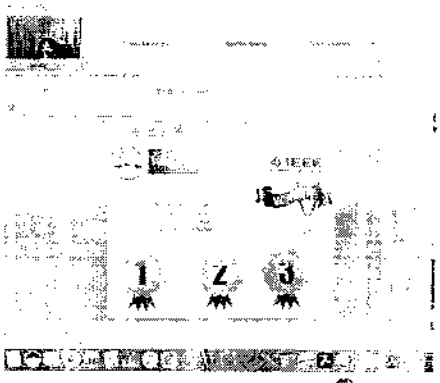
3)Dr. MansiSubhedar and Hemant R Kulkarni.

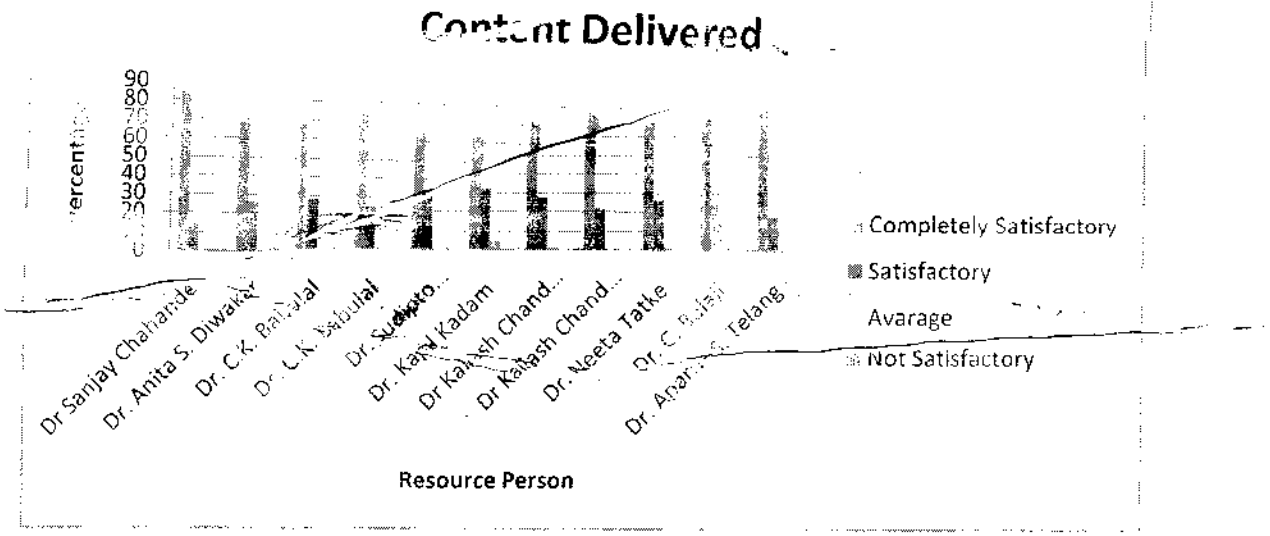
Based on all the sessions quiz was organized through Google formhttps://forms.gle/hygrwZLi4JBmBi2z5.

Session handling was done by Prof. P.M.Mankar and Prof. S. V. Kalmegh.








Content Delivered
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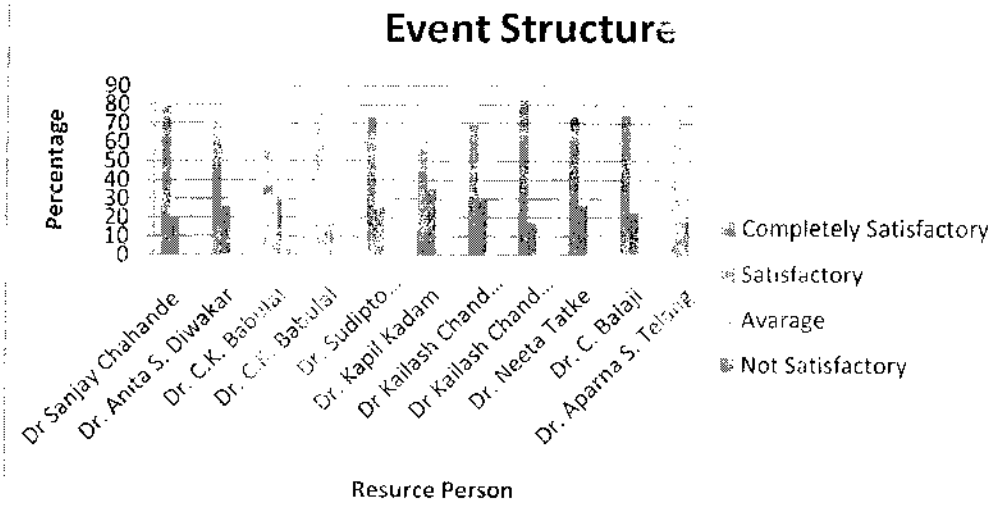
20
Completely Satisfactory
Satisfactory
Avarage
Not Satisfactory
Dr Sanjay Chahande
Dr. Anita S. Diwakar
Dr. C.K. Babulal
Dr. C.K. Babulal
Dr. Kapil Kadam
Dr Kailash Chand...
Dr Kailash Chand...
Dr. Neeta Tatke
Resource Person


Event Structure
Percentage
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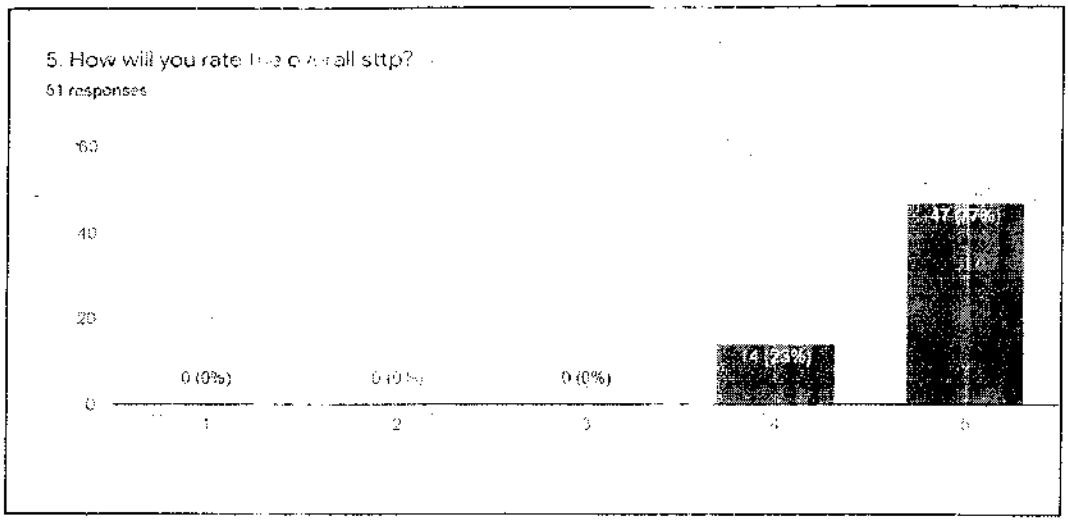
Dr Sanjay Chahande
Dr. Anita S. Diwakar
Dr. C.K. Babulal
Dr. C.K. Babulal
Dr. Sudipto...
Dr. Kapil Kadam
Dr Kailash Chand...
Dr Kailash Chand...
Dr. Neeta Tatke
Dr. C. Balaji
Dr. Aparna S. Telang
Resurce Person


5. How will you rate the overall sttp?
61 responses
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0 (0%)
4 (23%)
17 (77%)
1
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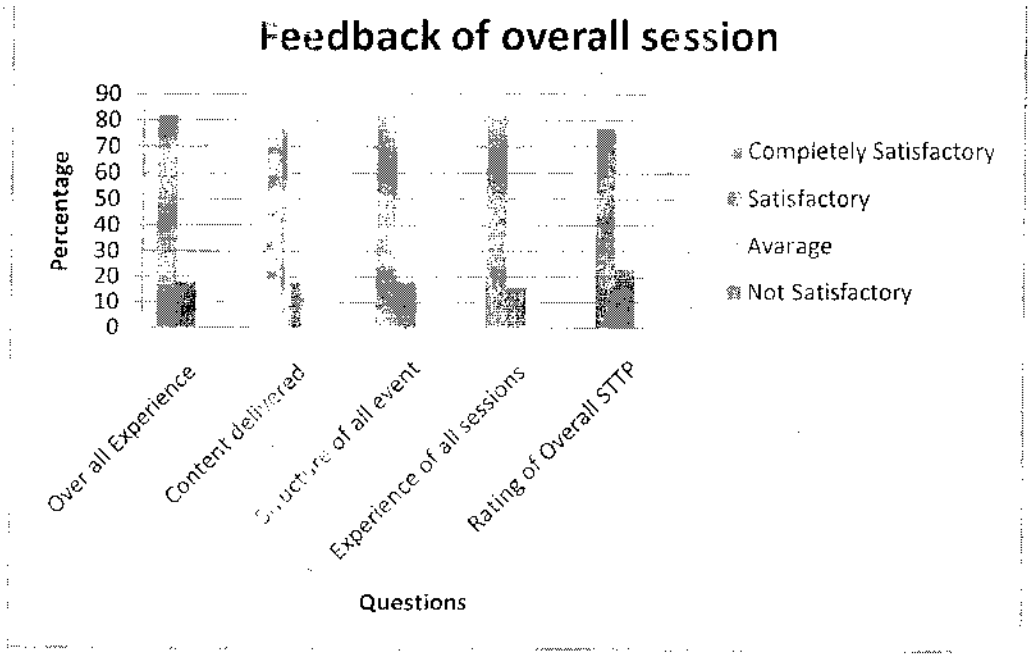
5


Feedback of overall session
Percentage
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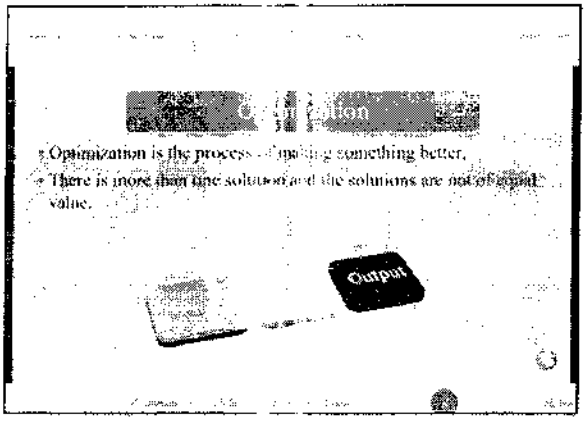
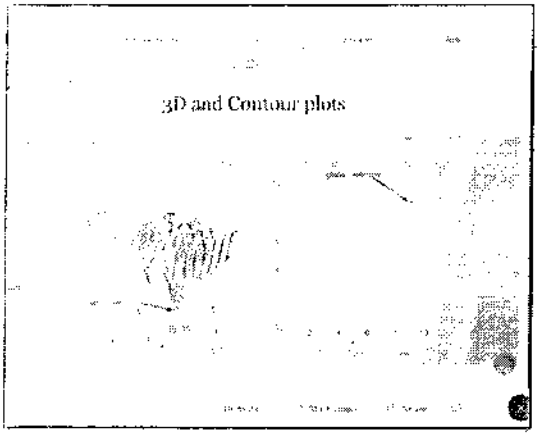
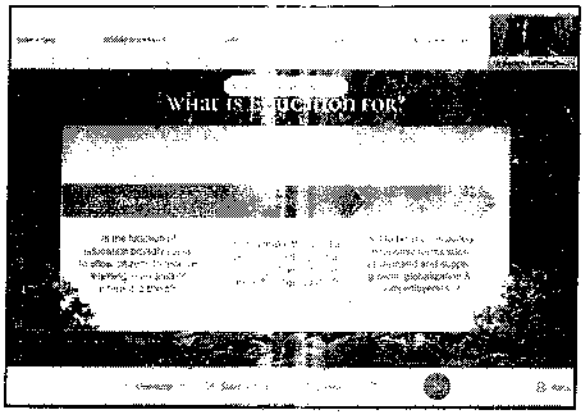
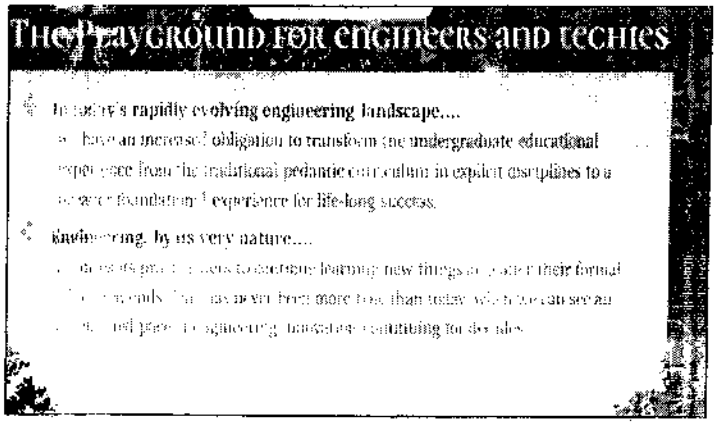
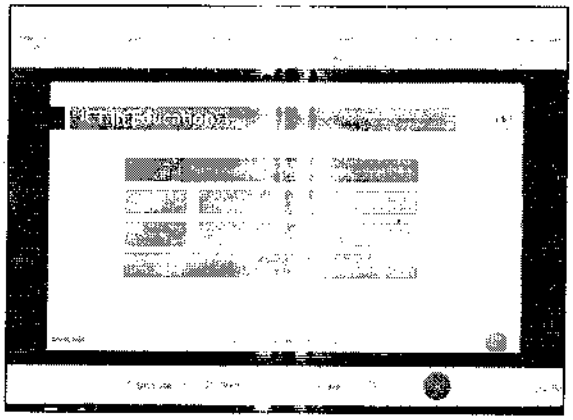
Completely Satisfactory
Satisfactory
Avarage
Not Satisfactory
Over all Experience
Content delivered
Structure of all event
Experience of all sessions
Rating of Overall STTP
Questions

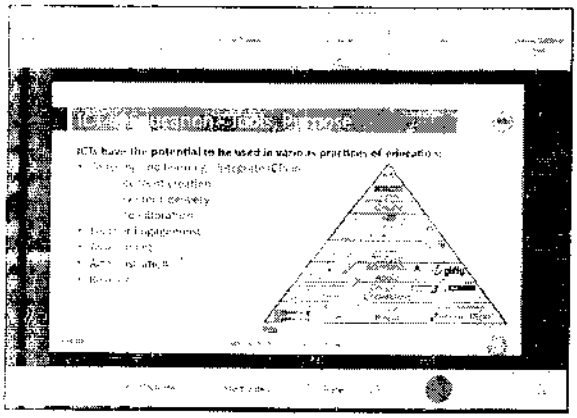

Optimization is the process of making something better.
There is more than one solution and the solutions are not of equal value.
Output

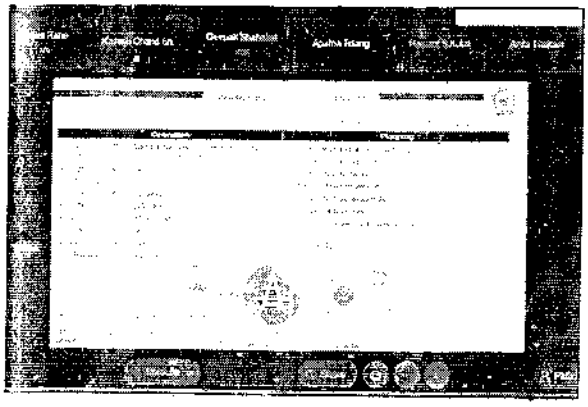

3D and Contour plots

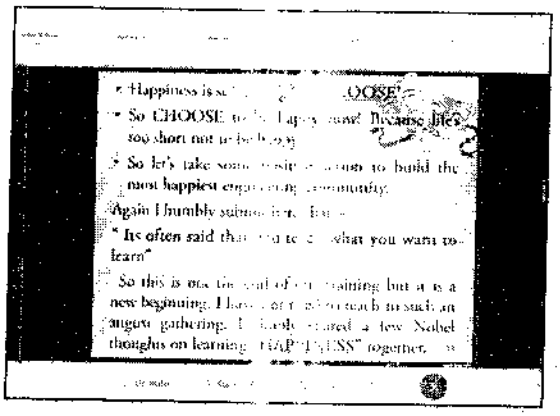

WHAT IS EDUCATION FOR?

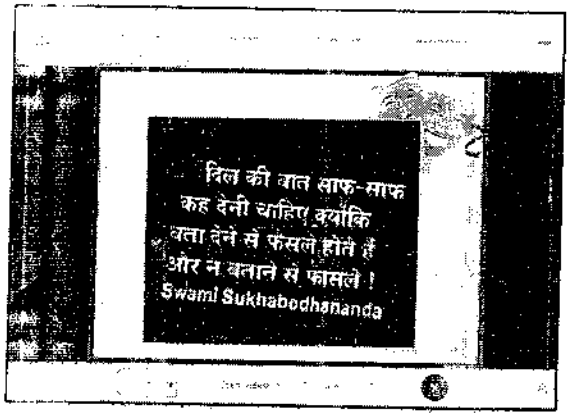

THE PLAYGROUND FOR ENGINEERS AND TECHIES
In today's rapidly evolving engineering landscape....
have an increased obligation to transform the undergraduate educational
experience from the traditional pedantic curriculum in explicit disciplines to a
deeper foundational experience for life-long success.
Engineering, by its very nature....

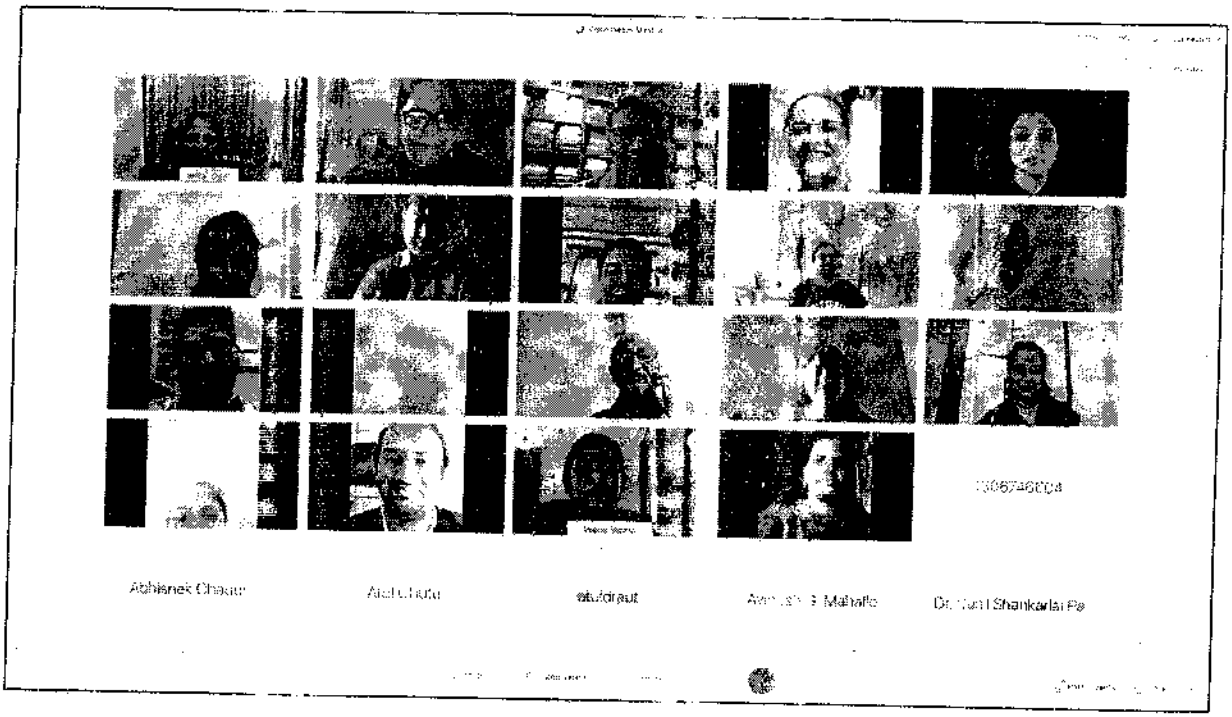



ICTs have the potential to be used in various practices of education:



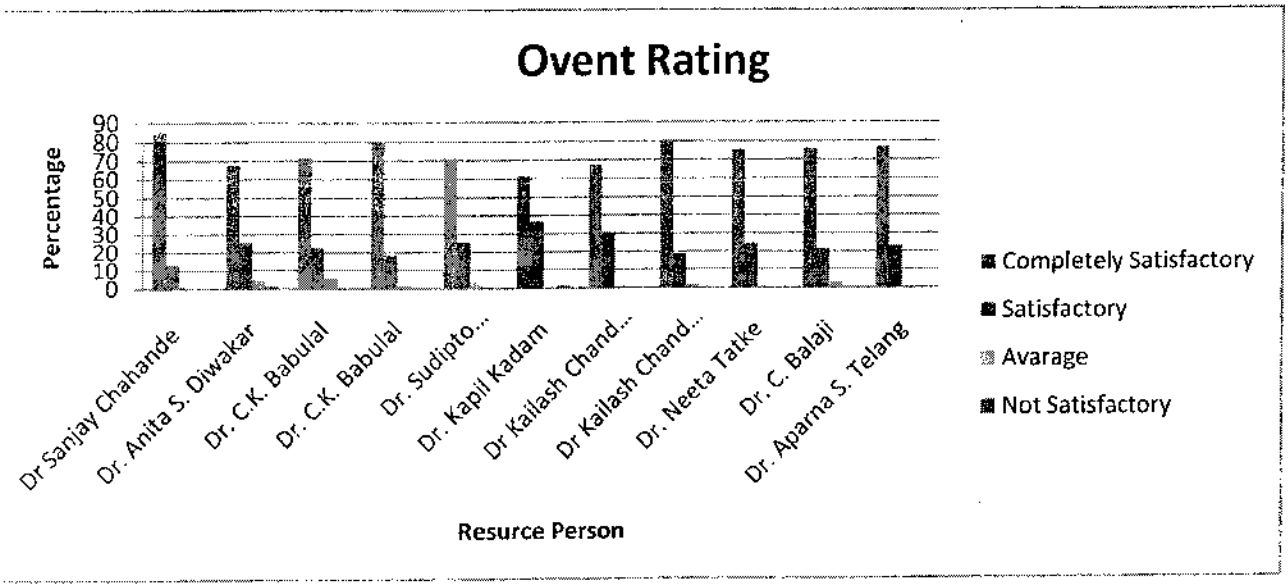

Happiness is so
OOSE
So CHOOSE
because life's too short not
So let's take some
to build the most happiest
community.
Again I humbly
"Its often said that
what you want to learn"
So this is
new beginning.
an
augus gathering.
a few Nobel thoughts on learning
together.


दिल की बात साफ-साफ
कह देनी चाहिए क्योंकि
बता देने से फैसले होते हैं
और न बताने से फासले !
Swami Sukhabodhananda

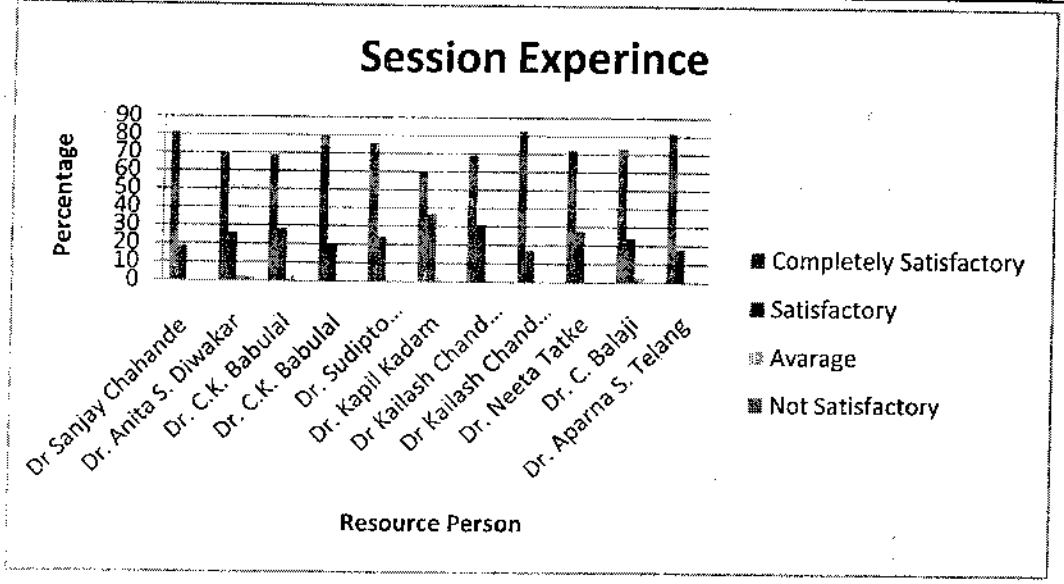

Abhisnek Chaudhary
Arul Chutu
Mahalle
Shankarlal Pa

Session Feedback

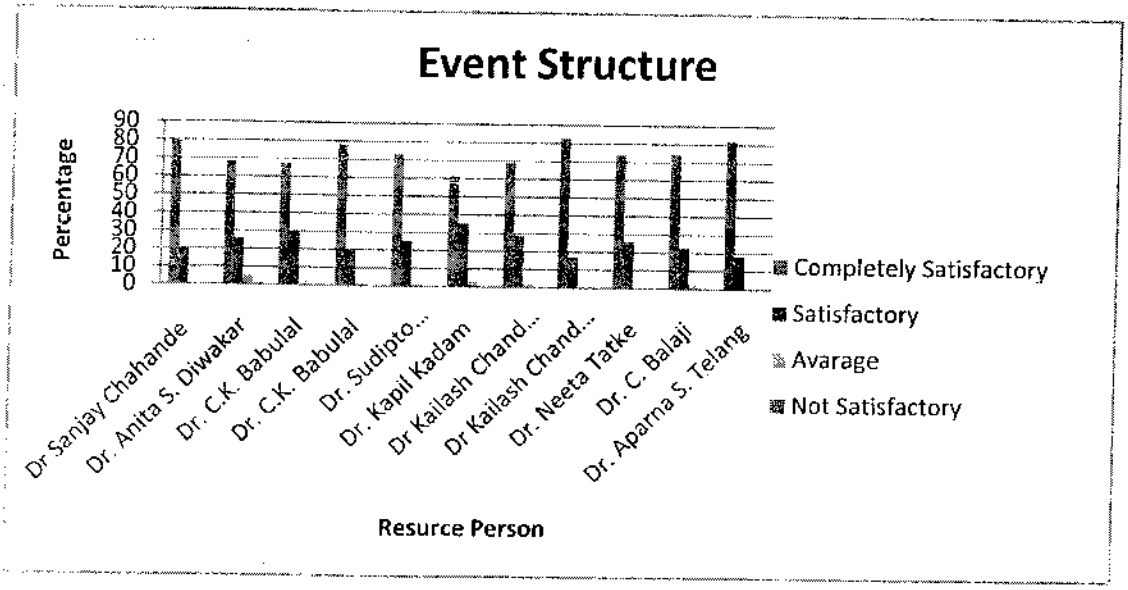
Qu.No. / Day/Rating	Overall Rating			
	Completely Satisfactory	Satisfactory	Avarage	Not Satisfactory
Dr Sanjay Chahande	85.5	13	1.4	0
Dr. Anita S. Diwakar	68.2	25.9	4.7	1.2
Dr. C.K. Babulal	71.8	22.5	5.6	0
Dr. C.K. Babulal	80	18.3	1.7	0
Dr. Sudipto Bhattacharya	71.1	25.3	3.6	0
Dr. Kapil Kadam	61.5	36.9	0	1.5
Dr Kailash Chand Sharma	67.7	30.8	1.5	0
Dr Kailash Chand Sharma	79.7	18.8	1.6	0
Dr. Neeta Tatke	75.4	24.6	0	0
Dr. C. Balaji	76	21.3	2.7	0
Dr. Aparna S. Telang	77	23	0	0



Qu.No. / Day/Rating	Session Experience			
	Completely Satisfactory	Satisfactory	Avarage	Not Satisfactory
Dr Sanjay Chahande	81.2	18.8	0	0
Dr. Anita S. Diwakar	69.4	25.9	2.7	2
Dr. C.K. Babulal	69	28.2	2.8	0
Dr. C.K. Babulal	80	20	0	0
Dr. Sudipto Bhattacharya	75.9	24.1	0	0
Dr. Kapil Kadam	60	36.9	3.1	0
Dr Kailash Chand Sharma	69.2	30.8	0	0
Dr Kailash Chand Sharma	82.8	17.2	0	0
Dr. Neeta Tatke	72.3	27.7	0	0
Dr. C. Balaji	73.3	24	2.7	0
Dr. Aparna S. Telang	82	18	0	0



Qu.No. / Day/Rating	Event Structure			
	Completely Satisfactory	Satisfactory	Avarage	Not Satisfactory
Dr Sanjay Chahande	79.7	20.3	0	0
Dr. Anita S. Diwakar	68.2	25.9	4.9	1
Dr. C.K. Babulal	67.6	29.6	2.8	0
Dr. C.K. Babulal	78.3	20	1.7	0
Dr. Sudipto Bhattacharya	73.5	25.3	1.2	0
Dr. Kapil Kadam	61.5	35.4	3.1	0
Dr Kailash Chand Sharma	69.2	29.2	1.6	0
Dr Kailash Chand Sharma	82.8	17.2	0	0
Dr. Neeta Tatke	73.8	26.2	0	0
Dr. C. Balaji	74.7	22.7	2.6	0
Dr. Aparna S. Telang	82	18	0	0



P.R. POTE (PATIL) COLLEGE OF ENGINEERING &MANAGEMENT, AMRAVATI.

Department of Electrical Engineering

IEEE Bombay Sectionin Association withDepartment of Electrical Engineering

Two Weeks Online STTP with Hands on sessions-

On

"Cultivation of Engineering Tools Based on Competencies in Engineering Community"

(31-05-2021 to 12-6-2021)

Session Outcomes

All participants throughout India got great Exposure to the ideas of experts from the domain of engineering software tools, optimization techniques, ICT tools, Emotional intelligence from eminent academic institutions and industries.

Through real life applications (Hands on sessions) of above-mentioned domains, they understood how to ideate and innovate solutions, by empathizing with the needs of the end users.

STTP Coordinator
(Dr. A.S. Telang)

P. R. Pote (Patil) College of Engineering & Management, Amravati

Department of Electrical Engineering in Association with

IEEE Bombay Section

Two Weeks Online STTP with Hands on sessions-

On

"Cultivating Engineering Tools Based Competencies in Engineering Community"

(31-05-2021 to 12-6-2021)

Resources Details

All the sessions were informative and practical. The main focus was on Hands on sessions. For participants active participation, assignments based on ICT tool and its application were given with due date.

Informative sessions and Knowledge shared by resource persons was one of the key resources of this STTP.

Dr.A.S.Telang
STTP Coordinator

Prof. D.A.Shahakar
HOD

Optimization Tools

Online STTP at P.R.Pote College of Engineering and Management, Amravati

02 June 2021

Dr.C.K.BABULAL
Professor and Head EEE,
Thiagarajar College of Engineering, Madurai
ckbeee@tce.edu

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Optimization

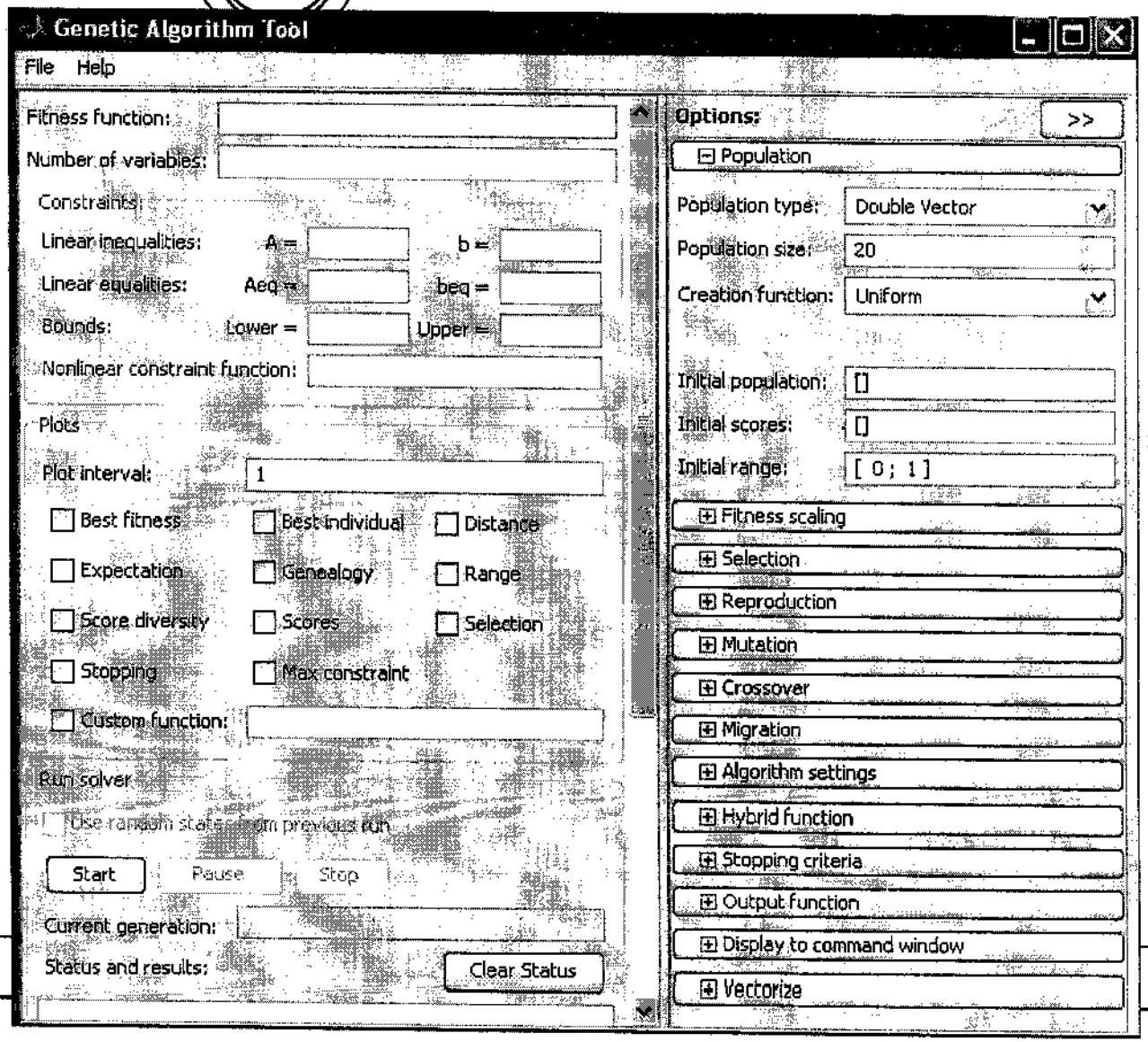
Optimization is the process of making something better.

There is more than one solution and the solutions are not e
equal value.



Practical Session

>gatool



P. R. Pote (Patil) Group of Education & Welfare Trust's
College of Engineering & Management , Amravati

IEEE BOMBAY SECTION

Accredited with "Grade A" by NAAC Approved by AICTE, New Delhi and affiliated to Sant Gadge Baba Amravati University, Amravati (M.S.)

CERTIFICATE

This is to certify that,

Prof. Kedar Sudhir Kulkarni

From RIT, Islampur

has attended a Two Week Short-Term Online Course on **"Cultivation of Engineering Tools Based on Competencies in Engineering Community"** organized by **IEEE Bombay Section** in association with **Department Of Electrical Engineering** during 31/05/2021 to 12/06/2021.

Certificate ID:__PRPCEM/ELPO/STDP-66

Dr. A. S. Diwakar / Dr. A. S. Telang Programme Convenor	Prof. D.A.Shahakar HOD(EE)	Dr. A. V. Kale Principal

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College of Engineering & Management , Amravati

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CERTIFICATE

This is to certify that,

Dr.Rajeshri Rajesh Shelke

From H.V.P.M's COET Amravati

has attended a Two Week Short-Term Online Course on **"Cultivation of Engineering Tools Based on Competencies in Engineering Community"** organized by **IEEE Bombay Section** in association with **Department Of Electrical Engineering** during 31/05/2021 to 12/06/2021.

Certificate ID:__PRPCEM/ELPO/STDP-71

Dr. A. S. Diwakar / Dr. A. S. Telang	Prof. D.A.Shahakar	Dr. A. V. Kale
Programme Convenor	HOD(EE)	Principal

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College of Engineering & Management , Amravati

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CERTIFICATE

This is to certify that,

CHALADI MANITEJA

From BONAM VENKATA CHALAMAYYA ENGINEERING COLLEGE,ODALAREVU

has attended a Two Week Short-Term Online Course on **"Cultivation of Engineering Tools Based on Competencies in Engineering Community"** organized by **IEEE Bombay Section** in association with **Department Of Electrical Engineering** during 31/05/2021 to 12/06/2021.

Certificate ID:__PRPCEM/ELPO/STDP-84

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Dr. A. S. Diwakar / Dr. A. S. Telang	Prof. D.A.Shahakar	Dr. A. V. Kale
Programme Convenor	HOD(EE)	Principal

P. R. Pote (Patil) Group of Education & Welfare Trust's
College of Engineering & Management , Amravati

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CERTIFICATE

This is to certify that,

Prof. Ashwini Deshpande

From Pimpri Chinchwad College of Engineering Pune

has attended a Two Week Short-Term Online Course on **"Cultivation of Engineering Tools Based on Competencies in Engineering Community"** organized by **IEEE Bombay Section** in association with **Department Of Electrical Engineering** during 31/05/2021 to 12/06/2021.

Certificate ID:__PRPCEM/ELPO/STDP-65

Dr. A. S. Diwakar / Dr. A. S. Telang	Prof. D.A.Shahakar	Dr. A. V. Kale
Programme Convenor	HOD(EE)	Principal

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P. R. Pote (Patil) Group of Education & Welfare Trust's
College of Engineering & Management , Amravati

IEEE BOMBAY SECTION

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CERTIFICATE

This is to certify that,

Prof. Krutika Chhajed

From P. R. Pote (Patil) College of Engineering & Management, Amravati

has attended a Two Week Short-Term Online Course on **"Cultivation of Engineering Tools Based on Competencies in Engineering Community"** organized by **IEEE Bombay Section** in association with **Department Of Electrical Engineering** during 31/05/2021 to 12/06/2021.

Certificate ID:__PRPCEM/ELPO/STDP-43

236

Dr. A. S. Diwakar / Dr. A. S. Telang	Prof. D.A.Shahakar	Dr. A. V. Kale
Programme Convenor	HOD(EE)	Principal

P. R. Pote Patil Edu. & We.f. Trust's, Group of Institutions,
College of Engineering & Management, Amravati
(Recognized by AICTE, New Delhi, DTE Mumbai & Affiliated to SGBAU, Amravati)
Pote Nagar, Pote Patil Road, Kathora Amravati. (Maharashtra)

Date:10/06/2021

To,
Dr. C. Balaji,

Professor,

Department of Mechanical Engineering,

Indian Institute of Technology Madras,

Chennai.

Respected Sir,

IEEE Bombay Section in association with Department of Electrical Engineering, P. R. Pote (Patil) College of Engineering & Management, Amravati has organized Virtual Short Term Training Program (STTP) on **"Cultivation of Engineering Tools Based on Competencies in Engineering Community"** scheduled for two weeks i.e.. **from 31st May to 12th June 2021.**

We would like to express our deep sense of gratitude towards you, for delivering informative and effective sessions on **"The Power of Examples"** on 10-06-2021 via Cisco WebEx.

The session was extremely appreciated by all the participants. We would like to express our sincere thanks for your kind association with us.

We also look forward for your valuable guidance and kind cooperation in many more such programmes, coming up in the future.

Thanking you,

Yours faithfully,

Dr.A.S. Diwakar & Dr.A.S.Telang
STTP Co-ordinator

Prof. D.A.Shahakar
HOD. EE Dept.

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IEEE BOMBAY SECTION

In Association with

Department of Electrical Engineering
P. R. Pote (Patil) Education & Welfare Trust's Group of Institutions
College of Engineering & Management, Amravati.

Expenditure Details

Particulars	Amount (Rs.)
1. Inaugural Function Chief Guest Mementos	Rs.3,776
2. Resource Person Honorarium Day 1- Lecture (Honorarium- Speaker 1)	3000/-
Day 2- Lecture (Honorarium- Speaker 2)	3000/-
Day 3- Lecture (Honorarium- Speaker 3)	3000/-
Day 4- Lecture (Honorarium- Speaker 4)	3000/-
Day 5- Lecture (Honorarium- Speaker 5)	3000/-
Day 6- Lecture (Honorarium- Speaker 6)	3000/-
Day 7- Lecture (Honorarium- Speaker 7)	3000/-
Day 8- Lecture (Honorarium- Speaker 8)	3000/-
Day 9- Lecture (Honorarium- Speaker 9)	3000/-
Day 10- Lecture (Honorarium- Speaker 10)	3000/-
3. Gratitude Mementos	**2702/-**
4. Winner Prizes	**3500/-**

Total Amount received

IEEE Bombay Section= Rs.19,800

College Support= Rs.13,200

Registration Fees collection (72non-IEEE members, Rs.100 each) = Rs.7,200

Total amount= Rs.40,200/-

Expenditure=Rs. 40,243/-

Balance= NIL

STTP COORDINATOR

Dr.A.S.Telang

HOD

Prof. D.A.Shahakar

असलाना आजारी एका
कोरोनामुळे मृत्यू झाल्याचे
आली आहे. दुर्दैवाने
मार्च रोजी निधन झाले

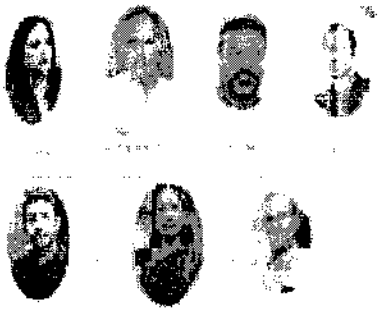
(अकराहा दिन स्थगित

वाशिम- कोरोना [illegible] प्रादुर्भाव रोखण्यासाठी जिल्ह्यात सार्वत्रिक [illegible] करण्यात आला आहे. त्यामुळे १४ [illegible] पर्यंत निवडणुकीचे सर्वकार्यक्रम स्थगित करण्यात आले आहेत. त्यामुळे प्रस्तावित [illegible] रद्द करण्यात आला असून सोमवार, ७ जून २०२१ रोजी होणारा जिल्हा परिषद व पंचायत समित्यांसाठी जिल्हाधिकारी कार्यालयामार्फत कळविण्यात आले आहे.

E-paper - www.jammadhyam.com

पोटे महाविद्यालयात शिक्षकांसाठी ऑनलाईन प्रशिक्षण

अमरावती/ का.प्र.



आयईईई कॉम्बे आणि विद्युत अभियांत्रिकी विभाग, पी.आर.पोटे (पाटील) कॉलेज ऑफ इंजिनियरिंग अँन्ड मॅनेजमेंट, अमरावती यांच्यामार्फत अखिल अभियांत्रिकी शिक्षक वृंदासाठी ऑनलाईन प्रशिक्षण कार्यक्रमाचे उद्घाटन करण्यात आले.

या अखिल अभियांत्रिकी शिक्षक वृंद प्रशिक्षणाचे उद्घाटन ३१ मे पुर्वी [illegible] करण्यात आले होते. या कार्यक्रमासाठी प्रमुख पाहुणे व मार्गदर्शक म्हणून डॉ. संजय ढवळे डी.वॉ. सत्यनारायण यांची उपस्थिती लाभली. [illegible] वेगाने बदलते मोबाईचे मार्गदर्शन हे सर्व अध्यापकांचे शिक्षक वृंदाला त्यांच्या पुढील शैक्षणिक वाटचाली करीता उपयुक्त ठरेल.

या अखिल अभियांत्रिकी शिक्षक डॉ.प्रशिक्षण कार्यक्रमाचा कालावधी हा ३१ मे २०२१ ते १२ जून २०२१ या दरम्यान राहणार आहे. या या दरम्यान डॉ.अनिता दिवाकर, डॉ.सी.के.ठाकुरपल्ली, डॉ.सुदिप्तो भट्टाचार्य, डॉ.कैलाश चंद शर्मा, डॉ.निता तटके, डॉ.सी.बालाजी हे सर्व प्रमुख मार्गदर्शक म्हणुन लाभणार आहे. कार्यक्रमाचे समापन दि. १२ जून २०२१ रोजी डॉ.डी.एल.कलकलाया यांच्या [illegible] होणार आहे. या कार्यक्रमाच्या यशस्वी करीता विद्युत विभागाचे विभागप्रमुख प्रा.डॉ.ए.राहणार व शिक्षक मार्गदर्शन मेळाव्याचे समन्वयक प्रा.[illegible] मार्गदर्शन मेळाव्याचे समन्वयक डॉ.ए.एस.देशमुख आणि डॉ.ए.एस. तेलंग आणि सर्व विभाग अभियांत्रिकीच्या प्राध्यापक वृंदांची सहकार्य दि.[illegible] कार्यक्रमाच्या संपूर्ण नियोजनाबद्दल संस्था अध्यक्ष प्रवीण पोटे, संचालक डॉ.सिध्दार्थ लव्हाळे, प्राचार्य प्राचार्य अनिल डोंगरे, उपप्राचार्य डॉ.जुगल राठी कौतुक केले व त्याबद्दलचे विद्युत विभागाचे प्रा.योगिता राहणकर व प्रा.सागर सोनवणकर यांनी सुत्रसंचालन केले.



स्मारे, प्रमोद स्वर्गे आदी सेविका, अंगणवाडी पालीतील नागरिक उपस्थित होते, या सर्वांकडून [illegible] यांनी घेतला प्रतिसाद दिला.

पुनर्वसनातील रस्ते व [illegible] ल्याच्या कामाचे भूमिपूजन

खल्लार/ वार्ताहर

खल्लार पुनर्वसन अंतर्गत रस्ते व सांडपाण्याच्या भूमिपूजनाचा कार्यक्रम आमदार रवि राणा यांच्या हस्ते पार पडला. यावेळी सरपंच [illegible] व कमिटीचे अध्यक्ष सुधाकर मालवीकर, [illegible] यांच्यासह सर्व ग्रामपंचायत सदस्य, [illegible] सोसायटी, उपसरपंच [illegible] सदस्य, [illegible] व कर्मचारी व गावातील नागरिक [illegible] होते.

गुलामगिरी विरोधी दिन रोजी फुले अनुयायी यांचा सत्कार



अमरावती/ का.प्र.

[illegible] महात्मा जोतीराव फुले यांनी १४८ वर्षापूर्वी गुलामगिरी हा ग्रंथ प्रकाशित केला, तेव्हा पासुन १ जून हा दिवस गुलामगिरी दिन म्हणून मानण्यात येतो. म.फुले यांनी सदर ग्रंथात मांडलेल्या गुलामगिरीच्या अजही बहुजन समाजाला लक्षात असुन त्यांचे विचारही [illegible] आहेत.

त्यांचेच वारसदार म्हणुन गुलामगिरी विरोधी दिनी त्यांच्या [illegible] म. फुले अनुयायी ओमप्रकाश अंबाडकर व युवा उद्योजक नरेंद्रकुमार [illegible] यांचा शाल व पुष्पगुच्छ देऊन सत्कार करण्यात आला. यावेळी [illegible] प्रमुख पाहुणे अध्यक्ष प्रा.श्रीकृष्ण कलोने आणि म. फुले लोक विद्यापिठाचे संस्थापक अध्यक्ष प्रभाकर वानखडे आदींची उपस्थिती होती. म. फुले यांच्या गुलामगिरी ग्रंथ व आठो महिलांच्या शालाचे पुनर्प्रकाशन करावे अशी मागणी करण्यात आली.

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ISTE

Approved

Short Term Training Program (STTP)

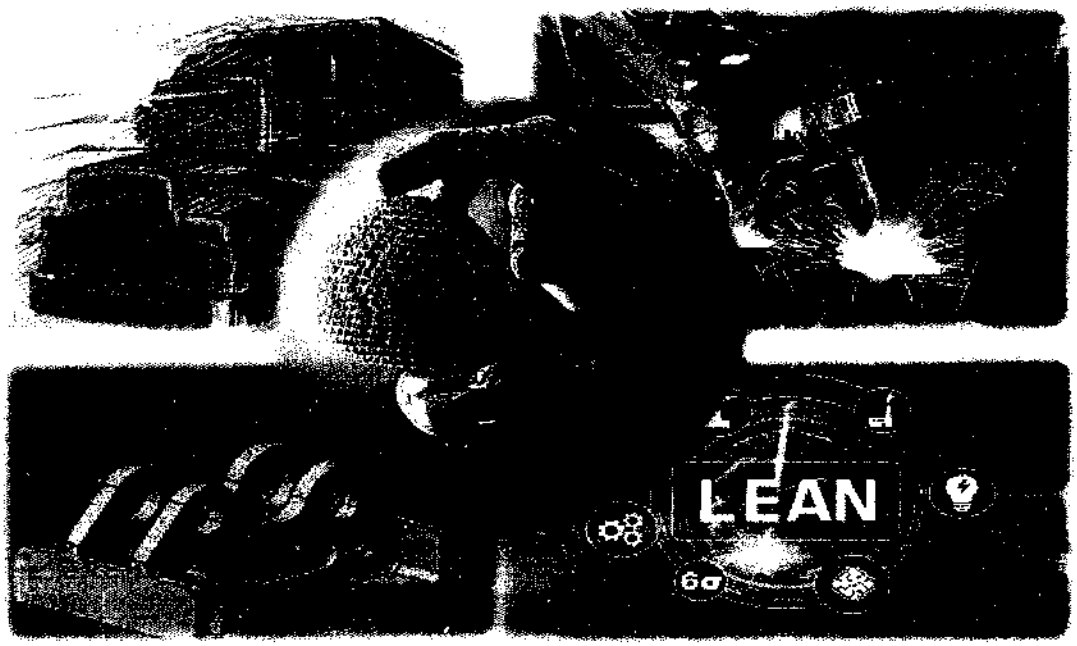
On

"Exploring Advances and Research Opportunities in Mechanical Engineering"

Date : 14th June – 18th June 2021

Organized by

Department of Mechanical Engineering



- Coordinator -
Dr.P.R.Wadnerkar
Dr.S.M.Tondre

P. R. Pote (Patil) Education & Welfare Trust's Group of Institutions

College of Engineering & Management, Amravati
(Recognized by AICTE, New Delhi & Affiliated to SGBAU, Amravati)

P. R. Pote (Patil) College of Engineering & Management, Amravati

ISTE Approved Online STTP on

"Exploring Advances and Research Opportunities in Mechanical Engineering"

(From: 14/06/2021 To 18/06/2021)

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Date : 4/05/2021

To,

The Principal,

P.R. Pote College of Engineering and Management,

Amravati

Through : Dear (R&D), PRPCEM, Amravati.

Subject : Request for Approval and sanctioning budget of Short Term Training Programme on "Exploring Advance and Research Opportunities in Mechanical Engineering" .

R/Sir,

A propose with above mentioned subject, the Mechanical Engineering Department organizing one week online Short Term Training Programme (self finance) on "Exploring Advance and Research Opportunities in Mechanical Engineering" schedule from 14th June to 18th June 2021. The detailed copies of STTP proposal and estimated budget is attached herewith for your kind perusal.

You are kindly requested to approve and sanction the estimated budget for proposed short term training programme.

Dean (R&D)
P.R.Pote College of Engg & Mgt,

H.O.D.
Dept of Mechanical Engineering

INDIAN SOCIETY FOR TECHNICAL EDUCATION

FOUNDED 1968

SHORT-TERM TRAINING PROGRAMMES (STTPS)

PROFORMA FOR SENDING PROPOSALS

(For Chapters of Indian Society for Technical Education)

Note : Before filling up the Proforma, please read carefully the rules and conditions

(To be filled in by Coordinator)

1.	Name and Address of Host Institution with Pin code	Address: P. R. Pote (Patil) Education & Welfare Trust's Group of Institutions College of Engg. & Management, Amravati, Maharashtra State Pin Code : Phone: 0721-2530342 Fax : 072102530341 Email: principal@prpcem.org, prpotepatilcollege@gmail.com	
2.	Title of the Programme (This should convey the content & main thrust of the programme) (in Capital Letters, please)	**Online STTP on "Exploring Advances and Research Opportunities in Mechanical Engineering".**	
3.	The Programme is intended for (Tick one only)	☑ Teachers ☑ Working Professionals ☑ Others (specify) P.G.Students	
4.	Name, Designation and Address of the Course Coordinator(s) (One Coordinator preferred. More than two not permissible)	1) Dr.P.R.Wadnerkar Head of Department Dept. of Mechanical Engineering P.R.Pote College of Engg. And Management, Amravati (M.S.)	2) Dr.S.M.Tondre Assistant Professor Dept. of Mechanical Engineering P.R.Pote College of Engg. And Management, Amravati (M.S.)
-	Telephone, Mobile & Email of the Coordinator(s)	9422193566 Mechprpcem1@gmail.com p-wadnerkar@rediffmail.com	9422153885 mechprprcem12@gmail.com
-	Highest Qualification of Coordinator(s)	M.E.,Ph.D.	M.E., Ph.D.
-	Area of Specialisation	Production Technology and Management	Production Technology and Management, Industrial Ergonomics

-	Teaching Experience (years)	**26 years**	**10 years**
-	Industry Experience (years)	**Nil**	**Nil**
-	Number of papers published	**09**	**09**
-	Number of Short-Term Courses of Summer/Winter Schools attended	**03**	**03**
-	Number of Short-Term Courses of Summer/Winter Schools conducted earlier	**Nil**	**Nil**
5.	Specialisation area for which the proposal is made *(tick one only)*	☐ Civil ☑ Mechanical ☐ Electrical ☐ Electronics ☐ Computer Science ☐ Pharmacy ☐ Architecture ☐ Management ☐ Hotel Management	☐ Basic Sciences (Specify subject) ☐ Interdisciplinary (Specify areas covered) ☑ Others (specify) Production Engineering Industrial Engineering
6.	The course is basically *(Tick one only)*	☐ Subject updating course ☑ Special course on Emerging areas ☐ Pedagogy ☑ Other (Specify)- Research	
7.	Whether the proposal covers any of the categories indicated *(Tick one only)*	☐ Industry-based programmes with substantial involvement of industry and its experts ☐ Education Technology/Methodology of teaching ☐ Training for technical supporting staff ☑ Emerging Area ☐ Others (specify)-	
8.	Duration of the programme (*Tick one only)*	☑ One week (minimum 5 working days) ☐ Two weeks (minimum 10 working days) ☐ Three weeks (minimum 15 working days) ☐ Four weeks (minimum 20 working days)	

9.	Proposed dates for *may be changed later, if required*	From : 14 June 2021 To 18 June 2021 **Note :** *It is advisable to commence programme on MONDAY*
10	Do you have enough expertise within your institute and neighbouring places to offer the course satisfactorily? If NO, list the names and addresses of outside faculty needed. At least one faculty from IITs or NIITs	☐ Yes Name of faculty from IITs/NIITs ☑ No Faculty from other Institutes

COURSE DETAILS

1.	Significance & Objectives of the programme *(list one or two major objectives)*	This STTP is to provide up-gradation of knowledge and explore research avenues for research scholars, faculties, scientists and industrial persons. The course will provide a national level forum to be familiar with the approaches to understand various advances in mechanical engineering to interested students, researchers and practitioners. The lectures will be delivered by distinguished experts in their field. This one-week short term course will include lectures, special case studies and hands on training in Advances in Mechanical, Industrial Engineering. The specific objective of this programme are 1) To provide advanced knowledge on Mechanical Engineering including thermal, design, production and industrial engineering and management. 2) To encourage research and publications of international standard in recent trends.
2.	Course Content/Coverage (*List 5 to 8 major topics with proposed duration of coverage in hours for each topic)*	**Topic** — **Duration hr** 1 Total quality management, Total productive maintenance — 1.5 2 Advances in thermal Engineering — 1.5 3 Innovation by TRIZ — 1.5 4 Supply Chain Management — 1.5 5 Additive Manufacturing — 1.5
3.	Course Schedule	Total working days = 5 days Lecture = 7.5 hrs. Laboratory/Practical = hrs. Industrial/Field Visits = hrs. Others (specify) = hrs. Total hours engaged = 7.5 hrs.
4.	Details of special equipment or laboratory facilities available for the course	Online Zoom platform

5.	Collaboration with industry/ other institutions/ departments (*indicate name of organization, nature of collaboration and experts involved)*	1. Nil 2.		
6.	Details of Course Faculty (*List details of faculty)*			
Sl. No.	Name & Designation	Institute	Highest Qualification	Field of Interest/specialisation
1	Dr.D.S.Ingole	PRMITR, Amravati	Ph.D.	Industrial Automation and Robotics
2	Dr.Vivek Sunnapvar	LTCE, Mumbai	Ph.D.	World class manufacturing
3	Dr.Bhushan Patil	Rodrigues College of Engg., Mumbai	Ph.D.	Design of Experiments, Taguchi Method
4	Dr.S.Kalpande	GGSCE,Nashik	Ph.D.	TQM, TPM, Flexible Manufacturing
5	Dr.Ashish Mahalle	GCOE, Amravati	Ph.D.	Thermal Engg
7.	Audio visual facilities available (*Tick relevant ones)*		☑ Over Head Projector ☑ Slide Projector ☐ 16/35 mm film Projector ☑ Video System ☑ Others (specify) Online zoom platform	
8.	ISTE Institutional Membership No. of your Institute		ISTE-IM-2426	
9.	Does your institution have an ISTE Chapter (a) If no, will it make minimum 25 members of ISTE		☑ Yes ☐ No ☐ Yes ☐ No	

I certify that the details given above are correct to the best of my knowledge and belief and I will organize the programme satisfactorily if approved. I also promise that I will abide by the terms and conditions contained in the ISTE Proceedings and submit the Final Report with Processing and operational expense to ISTE within 15 days after completion of the Programme.

Place : Amravati

Date : 6/05/2021

Signature Coordinator with Name — Dr.P.R. Wadnerkar — Dr.S.M.Tondre

I agree to provide all necessary assistance and facilities of the institute for the conduct of the above programme.

Place : Amravati

Date : 6/05/2021

Signature of Principal/Director with Name — (Dr.A.V.Kale)

भारतीय तकनीकी शिक्षा संस्था

INDIAN SOCIETY FOR TECHNICAL DUCATION

(Under the Societies' Registration Act XXI of 1860)

Prof. Vaidya Vijay Dattatray
Executive Secretary

ISTE/Proceedings/Online STTP-SF-MAH-010/2021-22 May 17, 2021

Proceedings of Executive Secretary, ISTE

Sub. : Sanction to conduct full time Short-term Training Programme on Self-financing basis for the financial year 2021-2022.

Sanction is hereby accorded to the following institution for the conduct of the Online/SF-STTP/FDP programme indicated below:

Name of Institution	:	PR Pote (Patil) Education & Welfare Trust's Group of Instt. College of Engg. & Mgt. Amravati – 444 203
Topic	:	Exploring Advances & Research Opportunities i Mechanical Engineering
Name & Address of Coordinators	:	Dr. P.R. Wadnerkar HOD Dr. S.M. Tondre Asst. Prof.
Duration	:	One Week (Minimum 05 Working Days)
Proposed dates	:	14-06-2021 to 18-06-2021

Terms and Conditions

The institution offering the Programmes should be approved by AICTE and must be Institutional Member of ISTE. Institutions having ISTE Faculty Chapter and Students Chapter shall be preferred. There will be no financial commitment on the part of ISTE on account of this programme. The fee of one **proposal is Rs. 1180/- (Incl. 18% GST)** paid by DD in favour of ISTE New Delhi along with proposal or by NEFT/RTGS in the following ISTE Account **(Name of Account: ISTE Membership Fee, Account No: 6707247614 Bank: Indian Bank IFSC Code: IDIB000M089 Branch: Mehrauli Road New Delhi).**

1 This will be a online program of the duration of 1 week/2 weeks/4 weeks.

2 The registration fee of the participants may be fixed by the host institution.

3 ISTE Life membership is necessary for participants to attend SF programmes. However, If any participant is not having life membership he/she may take the membership of ISTE before the starting of the course and apply by paying the fee to the course coordinator at the spot before the commencement of the programme. The Life Membership fee is Rs. 3540/- (Incl. 18% GST) to be paid by DD in favour of ISTE New Delhi or by NEFT/RTGS as per above Account details.

-/-2

4 The final report as mentioned in these guidelines is to be submitted online to ISTE within 15 days after completion of the Programme.

5 The institute should ensure that the Resource Persons should be well known personalities having thorough knowledge and he/she should be from an Institute or Industry.

6 **Since it is an Online program, e-Certificate to ISTE Life Members will be issued by ISTE from this office. Operational and processing fee of Rs. 100 +18% GST (Total Rs. 118/-) will be charged per participant. Institute conducting the program will collect the fee from participants and will send it to ISTE by DD or NEFT/RTGS with list of participants with their ISTE Life Membership Number. Institute conducting on line program will not issue Certificates with ISTE logo to Participants. Course coordinator is requested to ensure the same and attach payment proof or UTR number.**

7 **At least one test at the end is to be conducted to judge the performance of participants. Institute can conduct more test, if they desire. Attendance and successful completion of Test conducted is mandatory to receive certification by ISTE. Co Ordinator should ensure this while submitting list of participants to ISTE.**

8 **The Digital e-certificates to eligible participants will be sent by ISTE Delhi through organizing Institute.** The certificate contains the ISTE logo at the top . The digitally signed e-certificates will bear the Signatures of Executive Secretary, ISTE.

9 Above terms and conditions are applicable to Online Programs only.

Wadhwa

Executive Secretary

To,

The Principal
P.R. Pote (Patil) Educational & Welfare Trust's
Group of Institutions College of Engineering & Management
Amravati – 444 203
Maharashtra State

Copy to:

Dr. P.R. Wadnerkar
Coordinator
P.R. Pote (Patil) Educational & Welfare Trust's
Group of Institutions College of Engineering & Management
Amravati – 444 203
Maharashtra State

Guidelines to be followed for Online Programme

Immediately after approval from ISTE

- Link of FDP program brochure or template.
- Link of registration for faculties.
- Details of the program, day-wise
- List of Resource persons
- Topic and the outcome expected post the event

Before one of the session:-

- Response sheet of participants received for considering total number of participant.

From Day 1 to till end every day before and after session (day)

- Link of invitation of every session with password for joining.
- Attendance in respective online tools of attendee in screen shot or other format.
- Output response/ any test conducted every day or end of the FDP.
- Final results
- Response sheet of feedback of attendees on last day

Post the conduct of the event, the institute will submit the **outcomes achieved from the program.**

SHARE A GOOGLE DRIVE LINK with ISTE IN WHCIH INSTITUTE WILL UPDATE THE THINGS ON DAILY BASIS.

Budget Estimate for online Short Term Training Programme on "Exploring Advances and Research Opportunities in Mechanical Engineering" schedule on 14th June 2021 to 18th June.

Budget Estimate

Sr.No.	Particulars	Amount
1	Day 1- Lecture (Honorarium of Speaker 1)	3000/-
2	Day 2- Lecture (Honorarium of Speaker 2)	3000/-
3	Day 3- Lecture (Honorarium for Speaker3)	3000/-
4	Day 4- Lecture (Honorarium for Speaker4)	3000/-
5	Day 5- Lecture (Honorarium for Speaker 5)	3000/-
6	ISTE Fees	1180-
	Total Amount	**16180/-**

H.O.D.
Dept of Mechanical Engineering

P. R. Pote (Patil) College of Engineering & Management, Amravati

ISTE Sponsored Online STTP on

"Exploring Advances and Research Opportunities in Mechanical Engineering"

(From: 14/06/2021 To 18/06/2021)

Schedule of STTP

Sr. No	Topic	Date	Name of Resource Person
1	Engineering Challenges in Future	14/06/2021 Monday (Day-01) Time : 2.00 P.M.	**Dr. D.S.Ingole,** Head, Dept. of Mech.Engg & Dean Administration Prof. Ram Meghe Institute of Technology and Research,Badnera
2	Towards Green through Lean	15/06/2021 Tuesday (Day-02) Time : 2.00 P.M.	**Dr.V.K.Sunnapwar** Principal, Lokmanya Tilak College of Engineering,New Mumbai.
3	Advance Trends in Mechanical and other interdisciplinary fields for Research.	16/06/2021 Wednesday (Day-03) Time : 2.00 P.M.	**Dr. A.M.Mahalle,** Head, Dept. of Mech.Engg Govt. College of Engineering, Amravati
4	Statistical Analysis in Research using Open Source Software - JAMOVI	17/06/2021 Thursday (Day-04) Time : 2.00 P.M.	**Dr. Bhushan Patil** Professor & Dean Research, Fr. Conceicao Rodrigues College of Engineering, Mumbai
5	Implementation of Industrial Engineering tool for Performance improvement of Organizations.	18/06/2021 Friday (Day-05) Time : 2.00 P.M.	**Dr. S.D.Kalpande** Dean Academic, Guru Govind Singh College of Engineering, Nashik

Time of STTP: 2.00 P.M

P. R. Pote (Patil) College of Engineering & Management, Amravati

ISTE Sponsored Online STTP on

"Exploring Advances and Research Opportunities in Mechanical Engineering"

(From: 14/06/2021 To 18/06/2021)

Organizing Committee

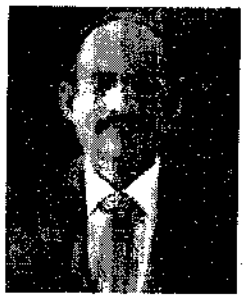
Sr.No.	Particulars	Nature of Duty	Name of Faculty Appointed
1	Co-ordination	Cordinating STTP (Taking Review of Each and Every Activity of STTP)	Dr.P.R.Wadnerkar Dr.S.M.Tondre
1	Zoom Mode of Conduction (Day 1 to Day 5)	Sending joining link on whatsapp group, Controlling functions of zoom app, sending feedback link, overall management of session etc)	Prof.R.S.Pokale Prof.S.G.Dalu Prof.S.P.Yeole
2	Day 1 – Anchoring	(Welcome of Guest, Profile Reading, Vote of Thanks , managing question answer forum etc)	Prof.S.P.Yeole Prof.R.S.Pokale
3	Day 2 – Anchoring		Prof.S.V.Mishra Prof.V.G.Gore
4	Day 3 – Anchoring		Prof.S.P.Yeole Prof.G.S.Mahalle
5	Day 4 – Anchoring		Prof.A.S.Shaikh Prof.M.G.Walecha
6	Day 5 – Anchoring		Prof.S.G.Dalu Prof.D.K.Chavan
7	STTP Certificate Distribution	Certificate preparation and distribution	Prof.S.M.Tondre Prof.P.B.Ingle
8	STTP Report writing	Report writing of STTP	Prof.S.M.Tondre Prof.P.B.Ingle

(Dr.P.R.Wadnerkar / Dr.S.M.Tondre)

STTP Coordinator

Details of Guest Speakers

Brief Bio-data of Prof. D. S. Ingole



Name	:	Dr. D. S. Ingole				
Designation	:	Professor & Head				
Department	:	Mechanical Engineering Department				
Qualification	:	B.E. (Prod Engg), M.Tech., M.B.A., Ph.D. (VNIT, Nagpur)				
Experience	:	Teaching	32 YRS	Industrial	02 YRS	
Paper Published	:	50 +				
Books & Patents	:	Patents : Granted : 02 : Applied 05 Copyright : 01 Books : 02 Book Chapter : 01				
Awards	:	1) Best Engg College Teacher Award By ISTE, New Delhi for Maharashtra State – 2007 2) Best Paper Award By Indian Water Works Association, Hyderabad , 2005				
Grants Received	:	AICTE MODROBS : RS. 31 Lakhs				
Recognitions	:	Chairman (Board of Studies, Mech Engg., SGB Amravati University) Member (Academic Council, SGB Amravati University) Member (Faculty of Science & Technology, SGB Amravati University) Member (IPR Cell, SGB Amravati University) Member (Academic Audit of Affiliated Colleges Committee, SGB Amravati University) Reviewer for Int. Journal, (UK)				
Institutional Responsibilities		Dean (Adm), PRMIT&R, Badnera-Amravati Coordinator for AICTE, NBA, NAAC, NIRF & FRA work				
Foreign Visit		Visited England for paper presentation in International Conference at Loughborough University, Loughborough (UK)				



Dr. VIVEK KRISHNARAO SUNNAPWAR

- He is currently discharging duties as the Principal of Lokmanya Tilak College of Engineering, Navi Mumbai.
- He studied at Govt. College of Engineering, Amravati, Affiliated to SGB Amravati University, Amravati, Maharashtra, and BITS, Pilani for the UG & PG degrees (1989 & 1993) respectively.
- Did PhD in World Class Manufacturing (Mechanical Engineering) from Amravati University, under the supervision of Dr. Rambabu Kodali of BITS, Pilani in the year 2004.
- He has teaching, research and administrative experience of about 31 years.
- He has more than 60 research papers at the International & National level.
- He publishes regularly in the prestigious journals of Springer, Elsevier, Taylor & Francis and Inderscience etc.
  (https://scholar.google.com/citations?pli=1&authuser=1&user=JXrXIIYAAAAJ)
- He has two joint patents (one awarded & one filed and published) to his credit.
- He also jointly contributed a chapter in a Springer publication "Supply Chain Management Under Fuzziness".
- He has co-authored two books.
- He has successfully guided eight (08) students for PhD in the University of Mumbai and Amravati University.
- He has also guided several students for ME dissertations.
- He has been a reviewer for several International and National Journals. Journal of Engineering Manufacture (JEM, IMechE, UK), International Journal of Advanced Manufacturing Technology (Springer, UK), International Journal of Services and Operations Management (IJSOM, Inderscience), International Journal of Ambient Energy (Taylor & Francis), International Journal of Applied Thermal Engineering (Elsevier), International Journal of Management and Decision Making (IJMDM, Inderscience), WSEAS conferences across the globe.
- Visited Houston (Texas), USA in November, 2012 to participate and present a paper in the prestigious ASME conference. Also visited Dubai in October 2015 for an International conference.
- He presented papers and chaired a session in APIEMS conference at Indonesia in Dec'17.
- He is a Fellow of Indian Institution of Industrial Engineering and contributed as a National Secretary. He is also a Fellow of Institution of Engineers (India).
- He served the University of Mumbai (Board of studies, RRC & Faculty of Technology) & the Amravati University (Chairman of Board of studies, member of RRC, Faculty of Technology & Academic Council).
- He is currently contributing as a Chairman, Board of Sudies (Mech. Engg.) in the University of Mumbai. He is a member of Faculty of Science & Technology & Academic Council.

CURRICULUM VITAE

Title	:	Dr.
Name	:	Ashish. M.
Surname	:	Mahalle
Date of Birth	:	21st January 1973
Civil Status	:	Married
Height	:	5' 7"
Body Weight	:	64 Kg.
State of Domicile	:	Maharashtra
Nationality	:	Indian
Passport Number	:	K1739219
Mother Tongue	:	Marathi
Other Languages known	:	Hindi, English
Address for communication	:	A. M. Mahalle 11/2, Shivarpan Colony. Kathora Naka VMV Road Amravati 444604 (M.S.) India. Mob: 9960590210 Email: ashishmahalle@rediffmail.com

EDUCATIONAL QUALIFICATION:

Sr. No	Degree	Branch	Name of University	Year of passing	Major Subject
1	PhD	Mechanical Engineering.	S. G .B Amravati University. (MS)	2008	Heat Transfer
2	M.E.	Mechanical Engineering.	Amravati University.(MS)	1997	Thermal Power Engineering
3	B.E.	Mechanical Engineering.	Amravati University.(MS)	1994	Mechanical Engineering
4	MS-CIT Examination passed – 27 June 2002.				

WORK EXPERIENCE:

Name of the Institution/ University	Post-held with pay scale	Teaching Experience in Years			
		Under Graduate		Post Graduate	
		From	To	From	To
Govt. College of Engineering. Amravati (MS)	**Professor** 37400-67000 AGP(10000)	12/1/2017	----------	12/1/17	Till Date
Laxminaryan Institute of Technology. Rashatrasant Tukadoji Maharaj Nagpur University Nagpur(MS)	**Professor** (CAS) 37400-67000 AGP(10000)	6/8/2015	----------	----------	11/1/2017
Laxminaryan Institute of Technology. Rashatrasant Tukadoji Maharaj Nagpur University Nagpur(MS)	Associate Professor 37400-67000 AGP(9000)	6/8/2012	----------	----------	6/8/15
Laxminaryan Institute of Technology. Rashatrasant Tukadoji Maharaj Nagpur University Nagpur(MS)	Reader 15600-39100 AGP(8000)	6/8/2009	6/8/2012	6/8/2012	6/8/2012
Govt. College of Engineering. Amravati (MS)	Lecturer 8000-275-13500	22/10/99 (A.N)	5/8/2009	22/10/99 (A.N)	5/8/2009
College of Engg and Tech. Akola (MS)	Lecturer 2200-75-4000	22/3/97	22/10/99	----	----
S.M.I.T Jalgaon (MS)	Lecturer 2200-75--3700	6/12/94	21/3/97	----	----

i) Under Graduate: 25 Years
ii) Post Graduate: 15 Years
iii) Head of Deptt.: 10 Years

TOTAL EXPERIENCE: 25 YEARS

Dr.Bhushan Patil completed Ph.D. (Technology) in Production Engineering from VJTI, Mumbai. He has completed his master's degree in Production Engineering with specialization in manufacturing engineering. He is currently working as Professor and Dean (Research and development) at Fr.Conceicao Rodrigues College of Engineering; Mumbai. He has experience of 23 years and taught various subjects at undergraduate and post graduate level. He is recognized as a post graduate teacher in mechanical engineering by university of Mumbai. He recognized as Ph.D. teacher in mechanical engineering by university of Mumbai also.

He has published 25 papers in reputed international journals and presented 27papers in international conferences. He has two design Patents granted by Controller General of Patents, Design and Trade Marks.

He is a reviewer of following Journals

1. International Journal of Computer Aided Engineering and Technology.
2. Industrial Engineering Journal

He worked as session chair for following conferences: -

1. International conference on "Advances in Science and Technology - (ICAST-2015) organized by organized by SCOE, Navi Mumbai in association with University of Mumbai
2. International Conference on Manufacturing & Industrial Engineering (ICMIE-2017) organised by IIIE Aurangabad Chapter
3. "International Conference on Advances in Design, Manufacturing and Thermal Engineering (ICDMT)" on 23rd& 24th Feb2018 under MULTICON –W 2018 organized by TCET,Mumbai

He is **fellow member** of Indian Institution of Industrial Engineering and also served as a chairman of Indian Institution of Industrial Engineering, Mumbai Chapter. His Research interest includes Design of Experiments, Sheet Metal Forming Simulations, Metrology, Quality Control, Performance evaluation of Information Systems, Multivariate Data analysis, ERP systems, PLM and Machine Vision Systems

He is currently guiding seven Ph.D. students in various areas related to Mechanical Engineering and one student has completed Ph D under his guidance in the area of machine vision system.

Brief C V of S. D. Kalpande

Name:	Shyamkumar Devidaspant Kalpande	
Contact Details:	Mo. 9665394892 Mail id: shyamkalpande@gmail.com	
Date of Birth & Age:	July 08, 1972 Age: 47 Years	
Total Experience:	23+ Years	
Academic	1.	Degree in Prod. Engg., College of Engineering, Badnera, Amravati-1994
Background:	2.	MBA in Marketing Mgt., Dr. D.Y.P.I.M.R, Pimpari, Pune-1997
	3.	ME. In Prod. Tech. & Mgt., College of Engineering, Badnera, Amravati-2004
	4.	PhD in Faculty of Mechanical Engineering From R.G.P.V.Bhopal-2013 Research Centre: S.G.S.I.T.S., Indore, MP
		Title: "Implementation of Total Quality Management in Small and Medium Enterprises- Some Investigation in Indian Context"
Experience (Yrs):		
3	**From July. 2016- Working with GCOERC- Nashik, Vice Principal & Dean Academics**	
	a. Teaching and guiding UG students of Mechanical Engineering Department as Professor. b. Strategically developing the academic policies for Academic Excellence as Dean. c. Exploring the opportunities for collaborations, consultancies and research work. d. Handling day to day teaching, supervisory and administrative work.	
0.6	**(Feb-Jul' 2016) Professor & Head Mech. Engg. Deptt, NMIMS- Shirpur** a. Teaching and guiding UG and PG students. b. Developed Curriculum of Mechanical Department	
8+	**(2007-2016), Professor & Head Mech. Engg. Deptt, MET's IOE, Nashik**	
	a.	Teaching and guiding UG and PG students.
	b.	Development of Mechanical Engg. Deptt. (Labs setups and academic systems).
	c.	Organizations of various academic & extracurricular activities like National Conference, Consortium, STTP, FDP, Workshop, Utsav, METECH, MECHPRO, etc.
	d.	Key role in formation of IIIE- Nashik Chapter and working as an office bearer.
	e.	Conduction of university and other examination (like-AIEEE/CET/GATE)
	f.	Handling various portfolios of institute (like- ARC-Admission, Academic Research Coordinator , LMC member, etc)
	g.	Coordinate the Rural Engineering Technology Club (RETC): A Project of IIT- Madras as Maharashtra Nodal Centre.
	h.	Working as Co-Investigator for DST-Project (Extension of PhD work)
	i.	Fetched various grants from BCUD, Pune, IIIE- Mumbai, and DST, New Delhi
10+	**(1997-2007), Lecturer, A.E.C. Chikhli, Dist. Buldhana**	
	a.	Teaching and guiding UG students.
	b.	Organizations of various academic and extracurricular activities (Like Srujan, Nexus).
	c.	Promoted for the post of Workshop Superintendent and handled the workshop activities.
	d.	Conduction of university examination as an officer In-charge.
	e.	Handled the safety and security department of institute along with the team 40 staff.
	f.	**4+ Years on deputation as Maintenance & Erection Manager.**
		Anuradha Suger Mill: Sister concern industry of Anuradha Group
1+	**(1994-1995) as a Supervisor, Neware Fabricators, Amravati**	
		Engg. Estimation, Profile Preparation, Supervision at 'WAN' Dam Project.
Research Exp.	**2 Yrs (2014-2016) as a Co-Investigator for DST-NSTMIS Research Project.**	
Present Post:	• **Professor, Mechanical Engineering Department, Guru Gobind Singh College of Engineering and Research, Nashik.** • **Additionally Handling the Charges of Vice Principal and Dean Academic.**	
ME Supervision PhD Guide:	a.	Supervised Five ME candidates (SPPU Pune)
	b.	Recognized Guide of SPPU, Faculty: Mechanical Engg. Pune. (Letter No.BOD/Sci&Tech/ 124/03 Dated: 02/01/2018) &
	c.	Rajiv Ghandhi Technical University, Bhopal.
Publication:		**Journal: 20 Conference: 20**
Professional	a.	Life Member of Indian Society for Technical Education (ISTE), New Delhi &
Membership:	b.	Life Member of Indian Institute of Industrial Engineering (IIIE), Navi Mumbai
	c.	Editorial Board member for International Journal of Engineering Trends and Technology (ISSN:2231-5381) USA, International Journal Engineering and Industries (ISSN: 2093-5765) AICIT, Korea, Journal Business and Economic Research (BER), ISSN 2162-4860, Macrothink Institute, USA, etc

"Shri Gajanan Maharaj Prasanna"

P. R. Pote Patil Edu. & Welf. Trust's, Group of Institutions,
College of Engineering & Management, Amravati Institute Code : 1107
(Recognized by AICTE, New Delhi, Approved by Govt. of Maharastra & Affiliated to SGBAU, Amravati)

- Kathora Road, Amravati, Maharashtra, India
- Ph. No. : +91-721-2970110, Fax No. : +91-721-2530089, Email : prpotepatilcollege@gmail.com
- Web. : www.prpcem.org, www.prpatilcollege.org

Ref/PRPCEM/STTP-INV/2020-21/ Online STTP **Date:12 /05/2021**

To,
Dr. D.S.Ingole,
H.O.D. & Dean (Administration)
Dept. of Mech. Engg.
Prof.Ram Meghe Institute of Tech.& Research,
Badnera

Subject: Invitation as Expert Speaker for ISTE-STTP on "Exploring Advances and Research Opportunities in Mechanical Engineering"

Dear Sir,

It gives us immense pleasure to inform you that, Department of Mechanical Engineering of PRPCOEM organizing online Short-Term Training Program w.e.f. 14th June to 18thJune 2021 on "Exploring Advances and Research Opportunities in Mechanical Engineering". We would be highly honored if you can spare some time from your busy schedule to deliver the session.

Your expertise and knowledge in the area would add a great value to the technical sense of one and all, especially for young faculty and academicians of the country who require the appropriate guidance to lead their department and Institution.

With your vast and in-depth knowledge in the area, we would request you to kindly accept our invitation. The duration of presentation is maximum 1.30 hours followed by question-and-answer sessions.

We look forward your presence and guidance.

Mode of Webinar: - Online Using Zoom

Thanking you

with best regards,

(Dr.P.R.Wadnerkar / Dr.S.M.Tondre)
STTP Convenor

(Dr.A.V.Kale)
Principal,PRPCEM

"Shri Gajanan Maharaj Prasanna"

P. R. Pote Patil Edu. & Welf. Trust's, Group of Institutions,
College of Engineering & Management, Amravati Institute Code : 1107
(Recognized by AICTE, New Delhi, Approved by Govt. of Maharastra & Affiliated to SGBAU, Amravati)

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- Ph. No. : +91-721-2970110, Fax No. : +91-721-2530089, Email : prpotepatilcollege@gmail.com
- Web. : www.prpcem.org, www.prpatilcollege.org

Ref/PRPCEM/STTP-INV/2020-21/ Online STTP **Date: 12 /05/2021**

To,
Dr. V.K.Sunnapwar,
Principal,
Lokmanya Tilak College of Engineering,
New Mumbai.

Subject: Invitation as Expert Speaker for ISTE-STTP on "Exploring Advances and Research Opportunities in Mechanical Engineering".

Dear Sir,

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- Web. : www.prpcem.org, www.prpatilcollege.org

Ref/PRPCEM/STTP-INV/2020-21/ Online STTP **Date: 12 /05/2021**

To,
Dr. Ashish Mahalle,
Head, Department of Mech. Engg.
Govt. College of Engineering, Amravati

Subject: Invitation as Expert Speaker for ISTE-STTP on "Exploring Advances and Research Opportunities in Mechanical Engineering".

Dear Sir,

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- Web. : www.prpcem.org, www.prpatilcollege.org

Ref/PRPCEM/STTP-INV/2020-21/ Online STTP **Date: 12 /05/2021**

To,
Dr. Bhushan Patil,
Professor & Dean Research,
Fr. Conceicao Rodrigues College of
Engineering, Mumbai

Subject: Invitation as Expert Speaker for ISTE-STTP on "Exploring Advances and Research Opportunities in Mechanical Engineering".

Dear Sir,

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Ref/PRPCEM/STTP-INV/2020-21/ Online STTP Date: 12 /05/2021

To,
Dr. S.D.Kalpande,
Dean Academics
Guru Govindsingh College of Engineering,
Nashik

Subject: Invitation as Expert Speaker for ISTE-STTP on "Exploring Advances and Research Opportunities in Mechanical Engineering"

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With your vast and in-depth knowledge in the area, we would request you to kindly accept our invitation. The tentative schedule of this STTP is attached herewith. The duration of presentation is maximum 1.30 hours followed by question-and-answer sessions.

We look forward your presence and guidance.

Mode of Webinar: - Online Using Zoom

Thanking you

with best regards,

(Dr.P.R.Wadnerkar / Dr.S.M.Tondre)
STTP Convenor

(Dr.A.V.Kale)
Principal,PRPCEM

One week Online Short-Term Training Program (STTP) on "Exploring Advances and Resea rch Opportunities in Mechanical Engineering".

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P. R. Pote (Patil) College of Engineering & Management, Amravati
ISTE Approved Online STTP on
"Exploring Advances and Research Opportunities in Mechanical Engineering" (From: 14/06/2021 To 18/06/2021)

Summary of STTP

The Short Term Training Program on "Exploring Advances and Research Opportunities in Mechanical Engineering" had been successfully organized by Department of Mechanical Engineering, P.R.Pote (Patil) Education & Welfare Trust's College of Engineering & Management, Amravati from 14th June – 18th June 2021.

The self-sponsored One-week course had been organized by two faculties members ; Dr. P.R. Wadnerkar (HOD, Mechanical Engineering) and Dr. Somdatta M. Tondre, Assistant Professor (Dept of Mechanical Engineering).

Aim of this STTP :

Aim of this STTP is to provide upgradation of knowledge and skills for students, research scholars, faculties, scientists and industrial persons. The course will provide a national level forum to be familiar with the advances in mechanical engineering to understand various recent trends and explore research avenues to interested students, researchers and practitioners. The lectures will be delivered by distinguished experts in their field. This one-week short term course will include lectures, special case studies and hands on training in Advances in Mechanical, Industrial Engineering. The STTP is intended to bring industry and academia close to each other. By providing scholarly inputs to those who already have domain knowledge of their discipline, the programme will offer prospects of a career within academia or in research positions.

Objective of STTP :

- To provide advanced knowledge on Mechanical Engineering including thermal, design, production and industrial engineering.
- To promote research and development environment by disseminating knowledge on recent developments in mechanical engineering along with recent tools and their scopes.
- To do research and publications of international standard.

P. R. Pote (Patil) College of Engineering & Management, Amravati

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"Exploring Advances and Research Opportunities in Mechanical Engineering"

(From: 14/06/2021 To 18/06/2021)

Day Wise Links

Day 01- Link

P. R. Pote Patil Group Amravati is inviting you to a scheduled Zoom meeting.

For: - One Week STTP on "Exploring Advances and Research Opportunities in Mechanical Engineering"

Day-1: Resourse Person
Dr. D.S.Ingole, Head, Dept. of Mech.Engg & Dean Administration,Prof. Ram Meghe Institute of Technology and Research,Badnera
Topic: Engineering Challenges in Future

Date: 14th June 2021

Time: 02:00 PM

Join Zoom Meeting :
https://us02web.zoom.us/j/6963770153?pwd=YzhNY3VyUm1jUjg4cFlyRVAyK09yUT09

Day 02- Link

P. R. Pote Patil Group Amravati is inviting you to a scheduled Zoom meeting.

For: - One Week STTP on "Exploring Advances and Research Opportunities in Mechanical Engineering"

Day-2: Resourse Person
Dr.V.K.Sunnapwar,Principal,Lokmanya Tilak College of Engineering,New Mumbai
Topic: Towards Green Through Lean

Date: 15th June 2021

Time: 02:00 PM

Join Zoom Meeting :
https://us02web.zoom.us/j/6963770153?pwd=YzhNY3VyUm1jUjg4cFlyRVAyK09yUT09

Day 03- Link

P. R. Pote Patil Group Amravati is inviting you to a scheduled Zoom meeting.

For: - One Week STTP on "Exploring Advances and Research Opportunities in Mechanical Engineering"

Day-3: Resourse Person
Dr. A.M.Mahalle,Head, Dept. of Mech.Engg, Govt. College of Engineering, Amravati

Topic: Advance Trends in Mechanical and other interdisciplinary fields for Research.

Date: 19th June 2021
Time: 02:00 PM
Join Zoom Meeting :
https://us02web.zoom.us/j/6963770153?pwd=YzhNY3VyUm1jUjg4cFlyRVAyK09yUT09

Day 04- Link

P. R. Pote Patil Group Amravati is inviting you to a scheduled Zoom meeting.

For: - One Week STTP on "Exploring Advances and Research Opportunities in Mechanical Engineering"

Day-4: Resourse Person
Dr. Bhushan Patil, Professor & Dean Research, Fr. Conceicao Rodrigues College of Engineering, Mumbai

Topic: Statistical Analysis in Research using Open Source Software - JAMOVI

Date: 17th June 2021
Time: 02:00 PM
Join Zoom Meeting :
https://us02web.zoom.us/j/6963770153?pwd=YzhNY3VyUm1jUjg4cFlyRVAyK09yUT09

Day 05- Link

P. R. Pote Patil Group Amravati is inviting you to a scheduled Zoom meeting.

For: - One Week STTP on "Exploring Advances and Research Opportunities in Mechanical Engineering"

Day-5: Resourse Person
Dr. S.D.Kalpande,Dean Academic,Guru Govind Singh College of Engineering, Nashik
Topic: Implementation of Industrial Engineering tool for Performance improvement of Organizations.
Date: 18th June 2021
Time: 02:00 PM

Join Zoom Meeting :
https://us02web.zoom.us/j/6963770153?pwd=YzhNY3VyUm1jUjg4cFlyRVAyK09yUT09

PROGRAM DETAILS

The STTP program starts with inaugural function on 14th June 2016 with Chairmanship of Dr.S.A.Ladhake, Director, PRPGI, Chief Guest Dr.A.V.Kale, Principal, P.R.Pote Patil College of Engineering and Management,Guest of Honour Dr.Mohd. Zuhair, Vice Principal, P.R.Pote Patil College of Engineering and Management,Amravati and participant from all over India. The STTP program coordinated by Dr.P.R.Wadnerkar and Dr.S.M.Tondre.

The inauguration program starts with welcome of Hon'ble Guests, the Chief guest officially inaugurated the program. Program co-ordinator Dr.P.R.Wadnerkar started with welcome speech with focus on aim and objective of arranging STTP. He also discussed the one week schedule of program highlighted the important keynote speakers. The chief Guest Dr.A.V.Kale, Principal address the audience and gives best wishes for the success of STTP program.

At Day 1 : Session started with speaker **Dr. D.S.Ingole,** Head, Dept. of Mech.Engg & Dean Administration,Prof. Ram Meghe Institute of Technology and Research,Badnera with topic " Engineering Challenges in Future". He focused on emerging challenges for engineers and explained the various fields where engineers should focus for research.

At Day 2 : Session started with speaker **Dr.V.K.Sunnapwar,** Principal, Lokmanya Tilak College of Engineering,New Mumbai **with topic** " Towards Green Through Lean". He focused on lean philosophy and Six sigma with sustainable Green approach. He discussed case study of Lean Six Sigma of one research students.

At Day 3 : Session started with speaker **Dr. A.M.Mahalle,**Head, Dept. of Mech.Engg, Govt. College of Engineering, Amravati. **Topic of his session was** "Advance Trends in Mechanical and other interdisciplinary fields for

Research". Dr. Mahalle in his lecture focused on thrust area of Thermal engineering like Heat Pipe, Porous material, Green roof and other interdisciplinary fields.

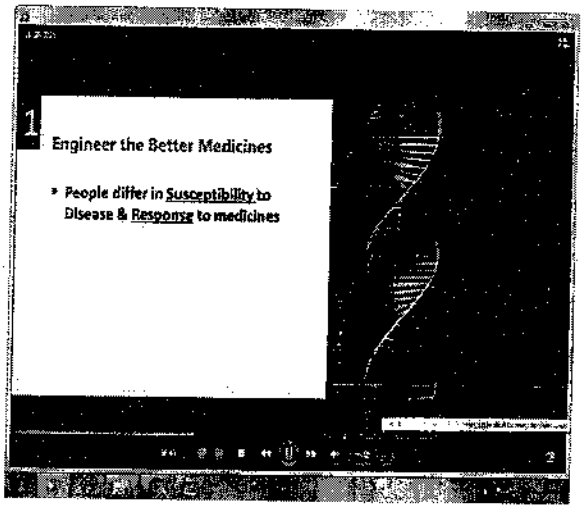
At Day 4 : Session started with speaker **Dr. Bhushan Patil,** Professor & Dean Research, Fr. Conceicao Rodrigues College of Engineering, Mumbai. Topic of his session was Statistical Analysis in Research using Open Source Software – JAMOVI. Dr. Bhushan Patil gives idea about various statistical Analysis software, how the statistical software were used to perform certain statistical tests. He then introduced one of open source software for analysis i.e. Jamovi and performed various tests on it.

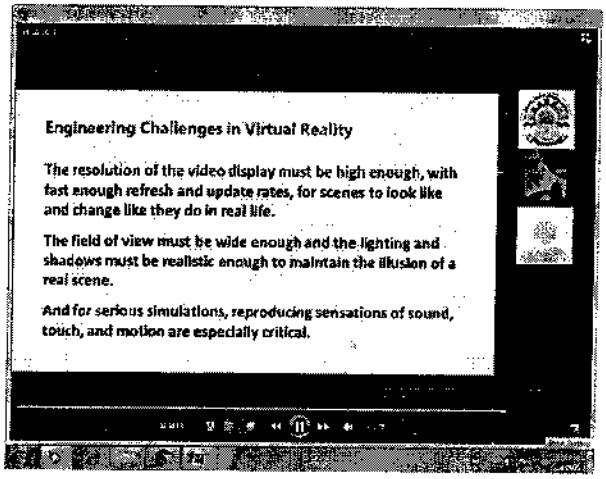
At Day 5 : Session started with speaker **Dr. S.D.Kalpande,**Dean Academic,Guru Govind Singh College of Engineering, Nashik. Topic of his session was "Implementation of Industrial Engineering tool for Performance improvement of Organizations". Dr.S.D.Kalpande explained one of case on Total Preventive Maintenance for optimization of organization by using questionnaire based research. He thoroughly explain each and every aspects of his case study and statistical part of analysis i.e ANOVA, Chi-square test, Model fit, R-square test etc.

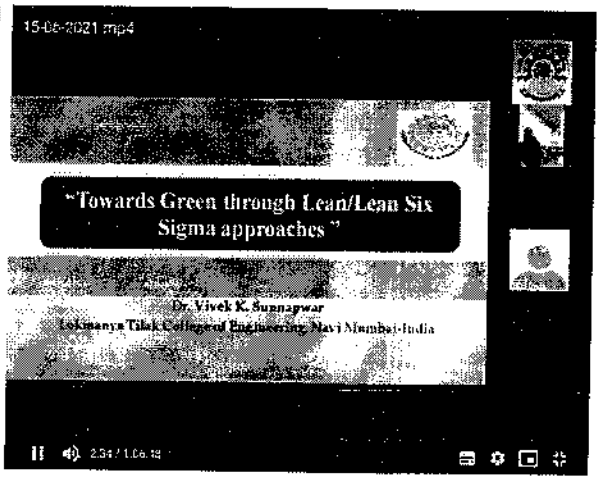
Finally, the course was formally wrapped up with Valedictory ceremony on 18th May 2021, in the presence of participants and distinguished faculty members. The course content, its delivery and other facilities were rated adequate through online google sheet feedback of participants. In concluding part of the ceremony, vote-of-thanks was given by Dr.S.M.Tondre, the Programme coordinator.

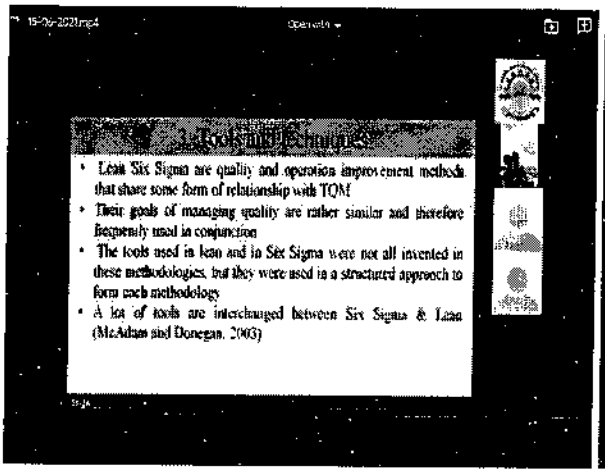
Photographs of Online delivery.

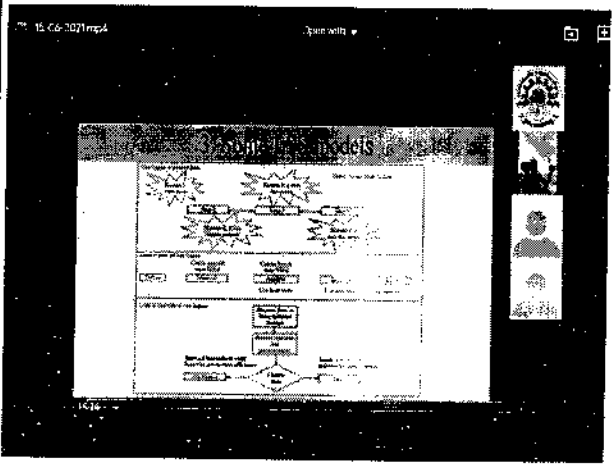


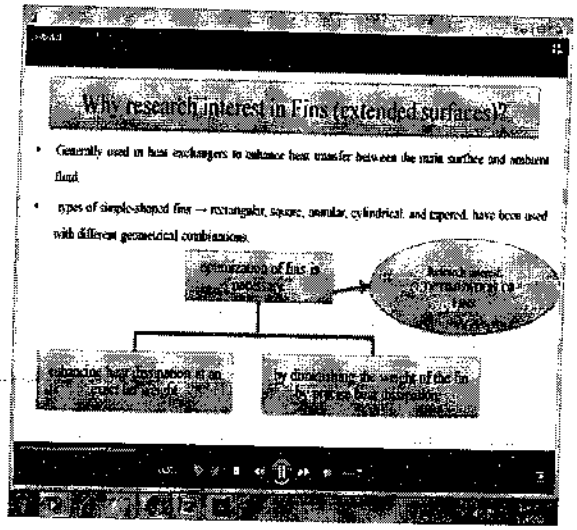


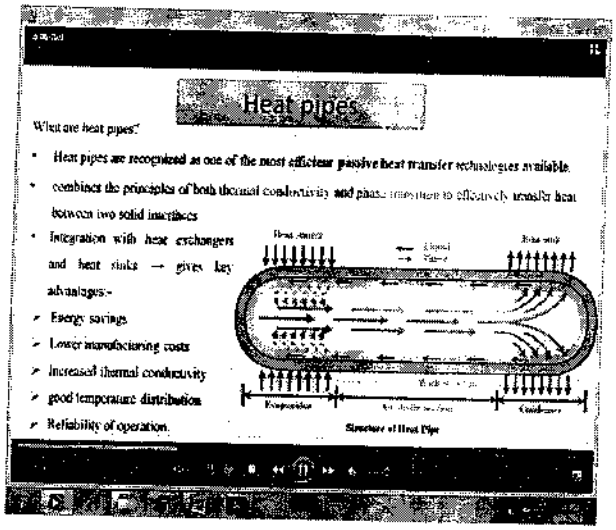


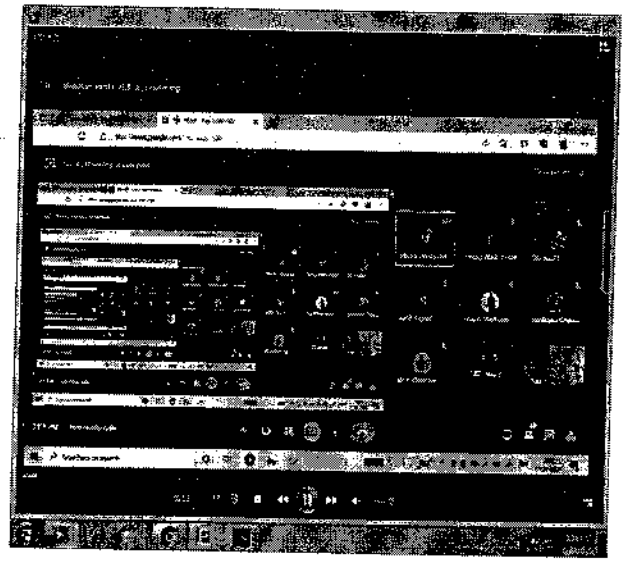


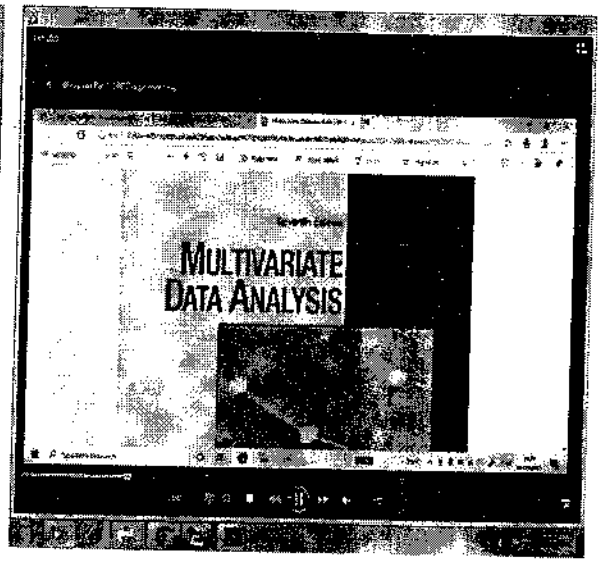


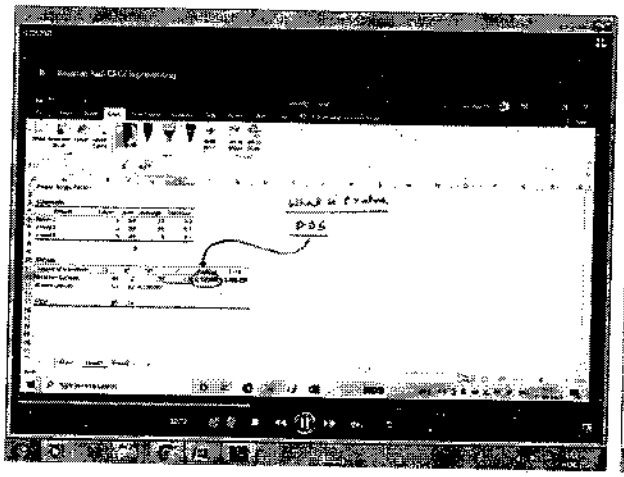


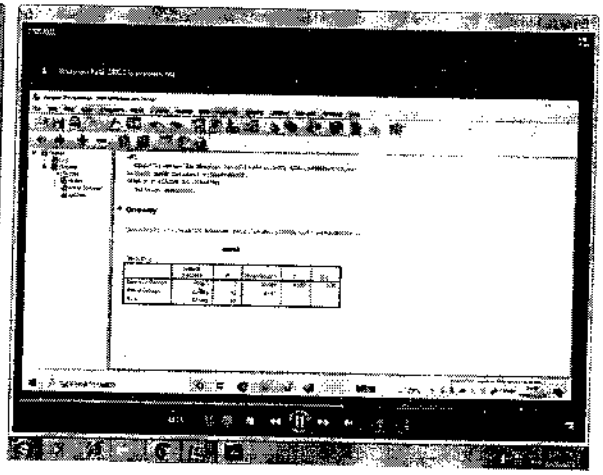

Why research interest in Fins (extended surfaces)?
Generally used in heat exchangers to enhance heat transfer between the main surface and ambient fluid
types of simple-shaped fins → rectangular, square, annular, cylindrical, and tapered, have been used with different geometrical combinations.


Heat pipes
What are heat pipes?
Heat pipes are recognized as one of the most efficient passive heat transfer technologies available.
combines the principles of both thermal conductivity and phase transition to efficiently transfer heat between two solid interfaces
Integration with heat exchangers and heat sinks → gives key advantages:-
Energy savings
Lower manufacturing costs
Increased thermal conductivity
good temperature distribution
Reliability of operation.
Structure of Heat Pipe




MULTIVARIATE
DATA ANALYSIS





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MCQ Questions for the STTP (Quiz)

1) For research activities _____ type porous materials are considered.
A) Open
B) close
C) both
D) None

2) Which of the following is an application of porous material?
A) Electrodes
B) Vibration control
C) Building material
D) All of above

3) Heat transfer enhancement in fins can be obtained by_____
A) varying thermo-physical properties
B) varying fin geometry
C) **Both A & B**
D) None of above

4) Heat pipe is _____ heat transfer technology.
A) Active
B) **Passive**
C) Both
D) None of above

5) Extensive green roof requires
A) Shallow soil layer
B) Deep soil layer
C) Low maintenance
D) A & C

6) Which of the following is not an advantage of using six sigma ?
A) Process improvement
B) Product improvement
C) Defect Reduction
D) A decrease in customer satisfaction

7) Combination of Six Sigma and Lean manufacturing is known as
A) Advanced Six Sigma
(B) Lean Six Sigma
(C) Operational Six Sigma
(D) None of the above

8) Six Sigma is applicable to
(A) Finance

(B) Supply chain
(C) Healthcare
(D) All of the above

9) Who is considered to be the father of Six Sigma?
A) Bill Smith
B) Deming
C) Crosby
D) Taguchi

10) Engineering challenges to personalized medicine is ;
A) Developing better systems to rapidly assess a patient's genetic profile
B) Collecting and managing massive amounts of data on individual patients
C) To create inexpensive and rapid diagnostic devices such as gene chips and sensors able to detect minute amounts of chemicals in the blood.
D) All above

11) What is a potential benefit that could one day be achieved with 3Dbioprinting
A) To help patients who are in need of new tissues or organs
B) To aid in the testing of new drugs
C) To reduce the risk of transplant rejection using host cells
D) All of the above

12) _____ are supportive structures used in tissue engineering, these allow the cells to propagate and form a tissue.
A) Scaffolds
B) Blood
C) Bones
D) None of above

13) The ANOVA procedure is a statistical approach for determining whether or not
A) the means of two sample are equal
B) the means of two or more samples are equal
C) the mean of more than two samples are equal
D) the mean of two or more populations are equal

14) What is the purpose of a simple linear regression?
A) To assess whether there is a significant difference between repeated measures
B) To predict scores on a dependent variable from scores on multiple independent variables
C) To predict scores on a dependent variable from scores on a single independent variable
D) To predict scores on an independent variable from scores on multiple dependent variables

15) What does the Adjusted R squared value tell you?
A) The Adjusted R squared value tells you if there is a positive relationship
B) The Adjusted R squared value tells you if there is a significant difference
C) The Adjusted R squared value tells you if there is a significant relationship
D) The Adjusted R squared value tells you how much of the variance in the dependent variable can be accounted for by the independent variable

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Session Feedback and Quiz Result

Sr.No	Name of Participants	Quiz Score Out of 30	Result	Overall Feedback
1.	Pawan Kishor Shivankar	18	Pass	excellent
2.	Gajanan Mandavgade	22	Pass	excellent
3.	Dhiraj Vijay Astonkar	22	Pass	good
4.	Sachin Vishwanath Shinde	24	Pass	excellent
5.	Sanjeev Gupta	20	Pass	excellent
6.	Keshav R. Pagar	20	Pass	good
7.	Ganesh Mahalle	18	Pass	good
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10.	SANJEEV GUPTA	30	Pass	excellent
11.	Pranav Gajanan Firke	22	Pass	excellent
12.	Dr Dheeraj Sheshrao Deshmukh	20	Pass	excellent
13.	Prof. Sumit Satish Jamkar	28	Pass	excellent
14.	Ketan Vijay Dhande	20	Pass	good
15.	Rahul R. Chakule	22	Pass	good
16.	Prof Yogesh Deepak Bansod	18	Pass	excellent
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25.	Pawan Avinashrao Mokhadkar	20	Pass	good
26.	SIVASANKARAN M	20	Pass	excellent
27.	P.Umamaheswarrao	20	Pass	excellent
28.	Ashish Deshmukh	22	Pass	good
29.	Sunil J Rajpal	24	Pass	good

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List of Participants for ISTE cetificate

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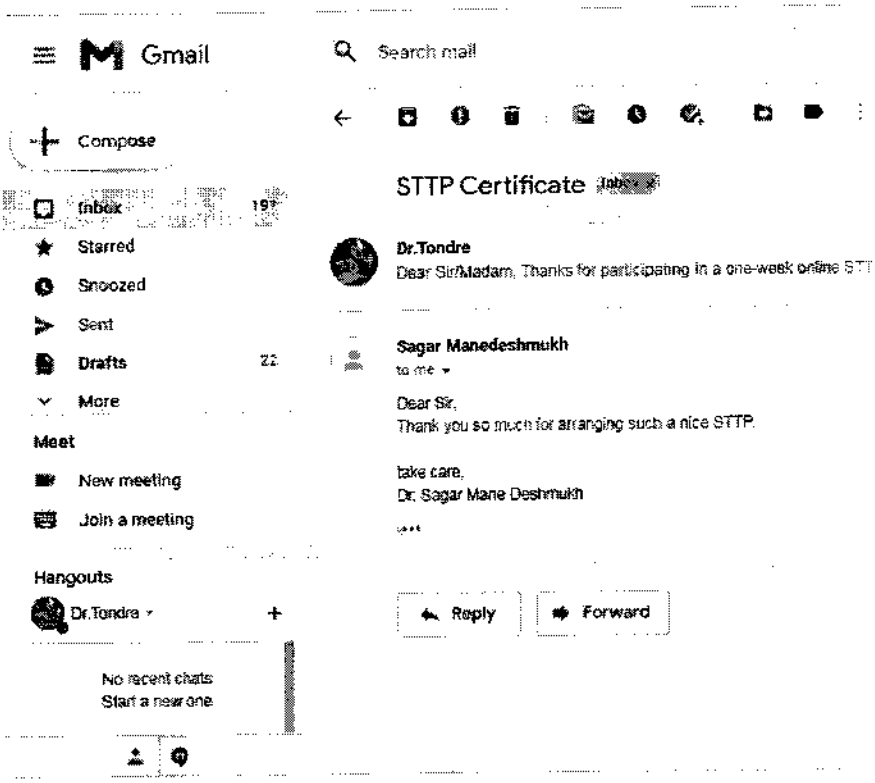
29.	Sunil J Rajpal	24	Pass	good

Feedback


Gmail
Search mail
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Starred
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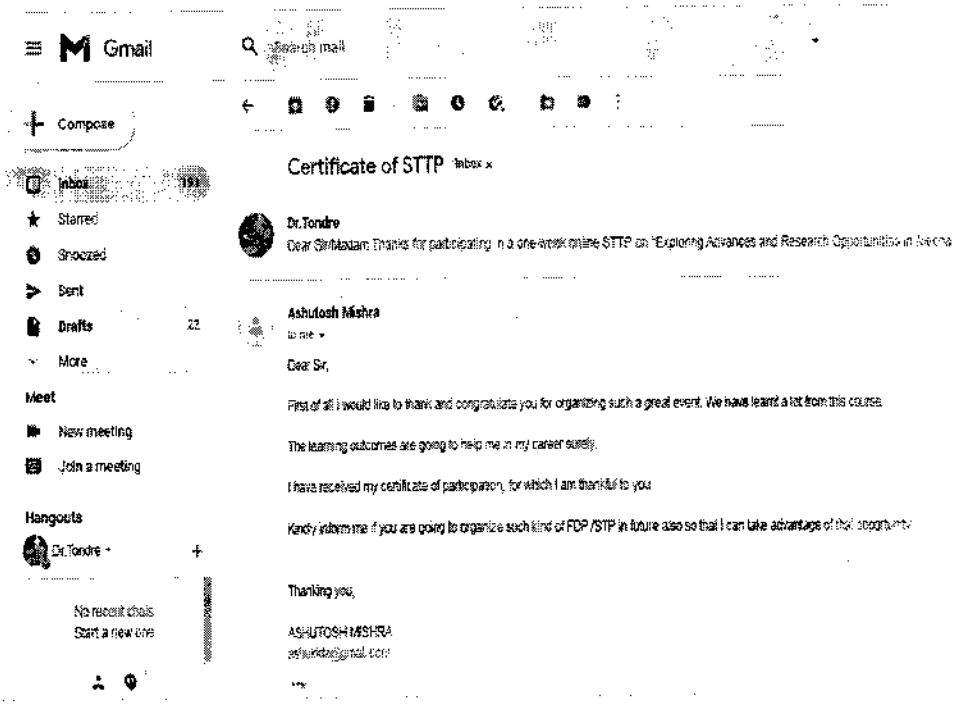
Drafts 22
More
Meet
New meeting
Join a meeting
Hangouts
Dr.Tondre
No recent chats
Start a new one
STTP Certificate Inbox x
Dr.Tondre
Dear Sir/Madam, Thanks for participating in a one-week online STT
Sagar Manedeshmukh
to me
Dear Sir,
Thank you so much for arranging such a nice STTP.
take care,
Dr. Sagar Mane Deshmukh
Reply
Forward


Gmail
Search mail
Compose
Inbox 19
Starred
Snoozed
Sent
Drafts 22
More
Meet
New meeting
Join a meeting
Hangouts
Dr.Tondre
No recent chats
Start a new one
Certificate of STTP Inbox x
Dr.Tondre
Dear Sir/Madam, Thanks for participating in a one-week online STTP on "Exploring Advances and Research Opportunities in
Ashutosh Mishra
to me
Dear Sir,
First of all I would like to thank and congratulate you for organizing such a great event. We have learnt a lot from this course.
The learning outcomes are going to help me in my career surely.
I have received my certificate of participation, for which I am thankful to you.
Kindly inform me if you are going to organize such kind of FDP /STTP in future also so that I can take advantage of that opportunity.
Thanking you,
ASHUTOSH MISHRA

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P. R. Pote (Patil) College of Engineering & Management, Amravati

ISTE Approved Online STTP on

"Exploring Advances and Research Opportunities in Mechanical Engineering"

(From: 14/06/2021 To 18/06/2021)

Resources Details

Sr.No.	Particulars
1	Zoom Platform
2	High Speed Internet Connection
3	**Laptop**

P. R. POTE (PATIL) GROUP OF EDUCATION & WELFARE TRUST'S
COLLEGE OF ENGINEERING & MANAGEMENT, AMRAVATI

Accredited with "Grade A" by NAAC Approved by AICTE, New Delhi and affiliated to Sant Gadge Baba Amravati University, Amravati (M.S.)

Certificate

This is to certify that, **Prof. Sarafaraj Jahangir Mulani** of **AGTI'S Dr. Daulatrao Aher College of Engineering, Karad** (Name of institute) has attended a One Week Short-Term Online Course on **"EXPLORING ADVANCES AND RESEARCH OPPORTUNITIES IN MECHANICAL ENGINEERING"** sponsored by Indian Society for Technical Education (ISTE), New Delhi during 14/06/2021 to 18/06/2021 organised by Department of Mechanical Engineering at P. R. Pote (Patil) College of Engineering & Management, Amravati.

Certificate ID: PRPCEM-STTPMech-09

Dr. S. A. Ladhake
Director

Dr.P.R.Wadnerkar/ Dr. S.M.Tondre
STTP Coordinator

Dr. A. V. Kale
Principal

ISTE Sanction Order: ISTE/Proceedings/Online STTP-SF-MAH-010/2021-22 Dated May 17, 2021

P. R. POTE (PATIL) GROUP OF EDUCATION & WELFARE TRUST'S
COLLEGE OF ENGINEERING & MANAGEMENT, AMRAVATI

Accredited with "Grade A" by NAAC Approved by AICTE, New Delhi and affiliated to Sant Gadge Baba Amravati University, Amravati (M.S.)

Certificate

This is to certify that, **Mr. ASHUTOSH MISHRA** of **RGPV BHOPAL** (Name of institute) has attended a One Week Short-Term Online Course on **"EXPLORING ADVANCES AND RESEARCH OPPORTUNITIES IN MECHANICAL ENGINEERING"** sponsored by Indian Society for Technical Education (ISTE), New Delhi during 14/06/2021 to 18/06/2021 organised by Department of Mechanical Engineering at P. R. Pote (Patil) College of Engineering & Management, Amravati.

Certificate ID: PRPCEM-STTPMech-07

Dr. S. A. Ladhake	**Dr.P.R.Wadnerkar/ Dr. S.M.Tondre**	**Dr. A. V. Kale**
Director	**STTP Coordinator**	**Principal**

ISTE Sanction Order: ISTE/Proceedings/Online STTP-SF-MAH-010/2021-22 Dated May 17, 2021

P. R. POTE (PATIL) GROUP OF EDUCATION & WELFARE TRUST'S
COLLEGE OF ENGINEERING & MANAGEMENT , AMRAVATI

Accredited with "Grade A" by NAAC Approved by AICTE, New Delhi and affiliated to Sant Gadge Baba Amravati University, Amravati (M.S.)

Certificate

This is to certify that, **Dr. Kiran K. Jadhao** of **Babasaheb Naik College of Engineering Pusad** (Name of institute) has attended a One Week Short-Term Online Course on **"EXPLORING ADVANCES AND RESEARCH OPPORTUNITIES IN MECHANICAL ENGINEERING"** sponsored by Indian Society for Technical Education (ISTE), New Delhi during 14/06/2021 to 18/06/2021 organised by Department of Mechanical Engineering at P. R. Pote (Patil) College of Engineering & Management, Amravati.

Certificate ID: PRPCEM-STTPMech-D10

Dr. S. A. Ladhake	**Dr.P.R.Wadnerkar/ Dr. S.M.Tondre**	**Dr. A. V. Kale**
Director	**STTP Coordinator**	**Principal**

ISTE Sanction Order: ISTE/Proceedings/Online STTP-SF-MAH-010/2021-22 Dated May 17, 2021

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P. R. POTE (PATIL) GROUP OF EDUCATION & WELFARE TRUST'S
COLLEGE OF ENGINEERING & MANAGEMENT , AMRAVATI

ccredited with "Grade A" by NAAC Approved by AICTE, New Delhi and affiliated to Sant Gadge Baba Amravati University, Amravati (M.S.)

Certificate

This is to certify that, **Dr Dheeraj Sheshrao Deshmukh** of **G H Raisoni College of Engineering, Nagpur** (Name of institute) has attended a One Week Short-Term Online Course on **"EXPLORING ADVANCES AND RESEARCH OPPORTUNITIES IN MECHANICAL ENGINEERING"** sponsored by Indian Society for Technical Education (ISTE), New Delhi during 14/06/2021 to 18/06/2021 organised by Department of Mechanical Engineering at P. R. Pote (Patil) College of Engineering & Management, Amravati.

Certificate ID: PRPCEM-STTPMech-D11

Dr. S. A. Ladhake	**Dr.P.R.Wadnerkar/ Dr. S.M.Tondre**	**Dr. A. V. Kale**
Director	**STTP Coordinator**	**Principal**

ISTE Sanction Order: ISTE/Proceedings/Online STTP-SF-MAH-010/2021-22 Dated May 17, 2021

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P. R. POTE (PATIL) GROUP OF EDUCATION & WELFARE TRUST'S COLLEGE OF ENGINEERING & MANAGEMENT, AMRAVATI

Accredited with "Grade A" by NAAC Approved by AICTE, New Delhi and affiliated to Sant Gadge Baba Amravati University, Amravati (M.S.)

Certificate

This is to certify that, **Prof. Pvan Vilas Rayar** of **D J Sanghvi College of Engineering, Mumbai** (Name of institute) has attended a One Week Short-Term Online Course on **"EXPLORING ADVANCES AND RESEARCH OPPORTUNITIES IN MECHANICAL ENGINEERING"** sponsored by Indian Society for Technical Education (ISTE), New Delhi during 14/06/2021 to 18/06/2021 organised by Department of Mechanical Engineering at P. R. Pote (Patil) College of Engineering & Management, Amravati.

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Certificate ID: PRPCEM-STTPMech-08

Dr. S. A. Ladhake
Director

Dr.P.R.Wadnerkar/ Dr. S.M.Tondre
STTP Coordinator

Dr. A. V. Kale
Principal

ISTE Sanction Order: ISTE/Proceedings/Online STTP-SF-MAH-010/2021-22 Dated May 17, 2021

'Shri Gajanan Maharaj Prasanna'

P. R. Pote Patil Edu. & Welf. Trust's, Group of Institutions,
College of Engineering & Management, Amravati Institute Code : 1107
(Recognized by AICTE, New Delhi, Approved by Govt. of Maharashtra & Affiliated to SGBAU, Amravati)

- Kathora Road, Amravati, Maharashtra, India
- Ph. No. : +91-721-2970110, Fax No. : +91-721-2530089, Email : prpotepatilcollege@gmail.com
- Web. : www.prpcem.org, www.prpatilcollege.org

Ref/PRPCEM/Mech/2020-21/Online STTP Date:18 /06/2021

To,
Dr. D.S.Ingole,
H.O.D. & Dean (Administration)
Dept. of Mech. Engg.
Prof.Ram Meghe Institute of Tech.& Research,
Badnera

Subject: Thanks for delivering a Session for Online Short-Term Training Program (STTP) on "Exploring Advances and Research Opportunities in Mechanical Engineering".

Dear Sir,

Department of Mechanical Engineering, PRPCOEM organized one week ISTE approved Short Term Training Program (STTP) on "Exploring Advances and Research Opportunities in Mechanical Engineering." from 14th – 18th June 2021. In view of the same, for the appreciation and gratitude from the Department of Mechanical Engineering, this letter is being issued for your valuable time and efforts for smooth conduction of the session. Your cooperation has made this STTP a grand success. We would like to thank you for such a wonderful delivery and hope for new collaborations in future.

Schedule date of Session: 14/06/2021

Thanking you

(Dr.P.R.Wadnerkar / Dr.S.M.Tondre)
STTP Coordinator

(Dr.A.V.Kale)
Principal,PRPCEM

"Shri Gajanan Maharaj Prasanna"

P. R. Pote Patil Edu. & Welf. Trust's, Group of Institutions,
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- Web. : www.prpcem.org, www.prpatilcollege.org

Ref/PRPCEM/Mech/2020-21/Online STTP

Date:18 /06/2021

To,
Dr. V.K.Sunnapawar,
Principal,
Lokmanya Tilak College of Engineering,
New Mumbai.

Subject: Thanks for delivering a Session for Online Short-Term Training Program (STTP) on "Exploring Advances and Research Opportunities in Mechanical Engineering".

Dear Sir,

Department of Mechanical Engineering, PRPCOEM organized one week ISTE approved Short Term Training Program (STTP) on "Exploring Advances and Research Opportunities in Mechanical Engineering." from 14th – 18th June 2021. In view of the same, for the appreciation and gratitude from the Department of Mechanical Engineering, this letter is being issued for your valuable time and efforts for smooth conduction of the session. Your cooperation has made this STTP a grand success. We would like to thank you for such a wonderful delivery and hope for new collaborations in future.

Schedule date of Session: 15/06/2021

Thanking you

(Dr.P.R.Wadnerkar / Dr.S.M.Tondre)
STTP Coordinator

(Dr.A.V.Kale)
Principal,PRPCEM

"Shri Gajanan Maharaj Prasanna"

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- Web. : www.prpcem.org, www.prpatilcollege.org

Ref/PRPCEM/Mech/2020-21/Online STTP

Date:18 /06/2021

To,
Dr. Ashish Mahalle,
Head, Department of Mech. Engg.
Govt. College of Engineering, Amravati

Subject: Thanks for delivering a Session for Online Short-Term Training Program (STTP) on "Exploring Advances and Research Opportunities in Mechanical Engineering".

Dear Sir,

Department of Mechanical Engineering, PRPCOEM organized one week ISTE approved Short Term Training Program (STTP) on "Exploring Advances and Research Opportunities in Mechanical Engineering." from 14th – 18th June 2021. In view of the same, for the appreciation and gratitude from the Department of Mechanical Engineering, this letter is being issued for your valuable time and efforts for smooth conduction of the session. Your cooperation has made this STTP a grand success. We would like to thank you for such a wonderful delivery and hope for new collaborations in future.

Schedule date of Session: 16/06/2021

Thanking you

(Dr.P.R.Wadnerkar / Dr.S.M.Tondre)
STTP Coordinator

(Dr.A.V.Kale)
Principal,PRPCEM

Shri Gajanan Maharaj Prasanna

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- Web. : www.prpcem.org, www.prpatilcollege.org

Ref/PRPCEM/Mech/2020-21/Online STTP **Date:18 /06/2021**

To,
Dr. Bhushan Patil,
Professor & Dean Research,
Fr. Conceicao Rodrigues College of
Engineering, Mumbai

Subject: Thanks for delivering a Session for Online Short-Term Training Program (STTP) on "Exploring Advances and Research Opportunities in Mechanical Engineering".

Dear Sir,

Department of Mechanical Engineering, PRPCOEM organized one week ISTE approved Short Term Training Program (STTP) on "Exploring Advances and Research Opportunities in Mechanical Engineering." from 14th – 18th June 2021. In view of the same, for the appreciation and gratitude from the Department of Mechanical Engineering, this letter is being issued for your valuable time and efforts for smooth conduction of the session. Your cooperation has made this STTP a grand success. We would like to thank you for such a wonderful delivery and hope for new collaborations in future.

Schedule date of Session: 17/06/2021

Thanking you

(Dr.P.R.Wadnerkar / Dr.S.M.Tondre)
STTP Coordinator

(Dr.A.V.Kale)
Principal,PRPCEM

Shri Gajanan Maharaj Prasanna

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- Web. : www.prpcem.org, www.prpatilcollege.org

Ref/PRPCEM/Mech/2020-21/Online STTP **Date:18 /06/2021**

To,
Dr. S.D.Kalpande,
Dean Academics
Guru Govindsingh College of Engineering,
Nashik

Subject: Thanks for delivering a Session for Online Short-Term Training Program (STTP) on "Exploring Advances and Research Opportunities in Mechanical Engineering".

Dear Sir,

Department of Mechanical Engineering, PRPCOEM organized one week ISTE approved Short Term Training Program (STTP) on "Exploring Advances and Research Opportunities in Mechanical Engineering." from 14th – 18th June 2021. In view of the same, for the appreciation and gratitude from the Department of Mechanical Engineering, this letter is being issued for your valuable time and efforts for smooth conduction of the session. Your cooperation has made this STTP a grand success. We would like to thank you for such a wonderful delivery and hope for new collaborations in future.

Schedule date of Session: 18/06/2021

Thanking you

(Dr.P.R.Wadnerkar / Dr.S.M.Tondre)
STTP Coordinator

(Dr.A.V.Kale)
Principal,PRPCEM

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P. R. Pote (Patil) College of Engineering & Management, Amravati

ISTE Approved Online STTP on

"Exploring Advances and Research Opportunities in Mechanical Engineering"

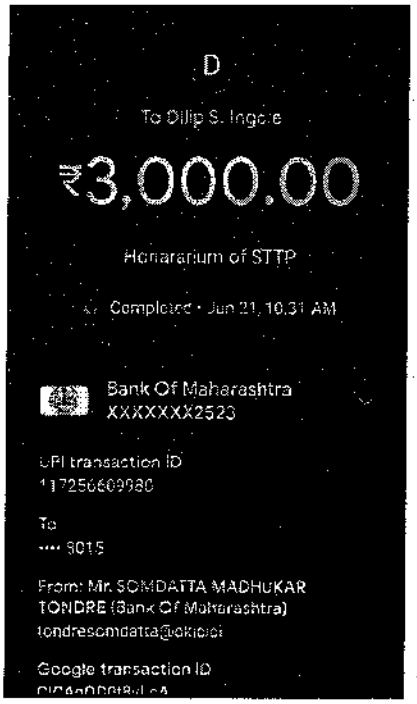
(From: 14/06/2021 To 18/06/2021)

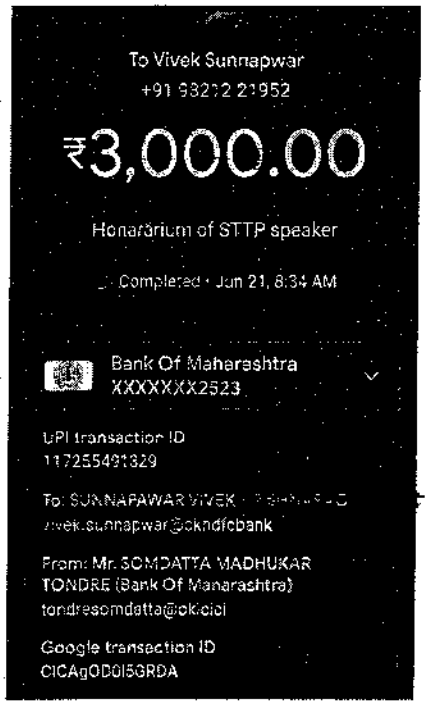
Expenditure Details

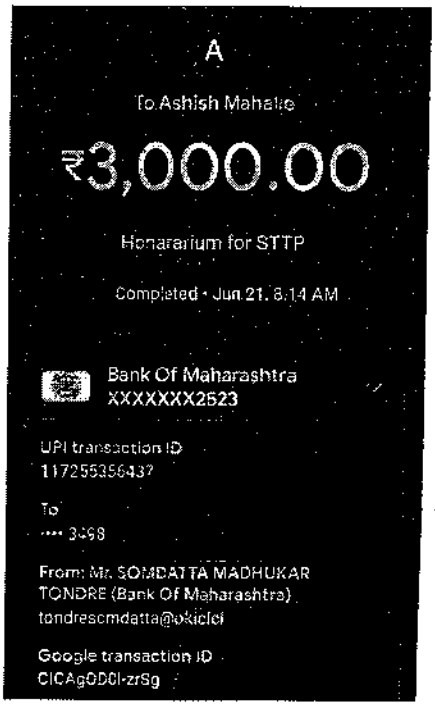
Honorarium to Speakers Through Online Payment

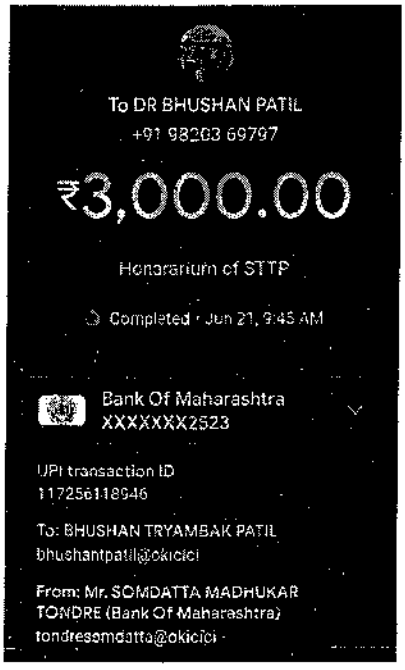
Sr.No.	Speaker	Honorarium (Amount in Rs)
1	**Dr. D.S.Ingole,** Head, Dept. of Mech.Engg & Dean Administration Prof. Ram Meghe Institute of Technology and Research,Badnera	3000/-
2	**Dr.V.K.Sunnapwar** Principal, Lokmanya Tilak College of Engineering,New Mumbai.	3000/-
3	**Dr. A.M.Mahalle,** Head, Dept. of Mech.Engg Govt. College of Engineering, Amravati	3000/-
4	**Dr. Bhushan Patil** Professor & Dean Research, Fr. Conceicao Rodrigues College of Engineering, Mumbai	3000/-
5	**Dr. S.D.Kalpande** Dean Academic, Guru Govind Singh College of Engineering, Nashik	3000/-
6	**ISTE Fees**	Rs.1180
Total Amount		**Rs.16180**

Online payment details :











Patrons

- **Hon'ble Shri. Pravinkumar R. Pote** President, P. R. Pote (Patil) Education & Welfare Trust's Group of Institutions, Amravati (M.S.)
- **Hon'ble Shri Shreyas P. Pote** Vice-President, P. R. Pote (Patil) Education & Welfare Trust's Group of Institutions, Amravati (M.S.)
- **Hon'ble Dr. S. A. Ladhake** Director, P. R. Pote (Patil) Education & Welfare Trust's Group of Educational Institutions, Amravati (M.S.)
- **General Chair** Dr. A. V. Kale, Principal, PRPCE&M Dr. Mohammad Zuhair Vice-Principal, PRPCE&M
- **STTP Coordinator** Dr. P.R.Wadnerkar & Dr.S.M.Tondre

About the Institution

P. R. Pote (Patil) Education & Welfare Trust's Group of Institutions, Amravati is a foremost name in higher Education in Maharashtra. The Group offers UG, PG and doctoral courses in various disciplines of Engineering, Management and Technology. Various courses offered by the Group include BE, ME, Ph.D, MBA, MCA, Polytechnic, B. Arch, B.Ed., B. Pharm., D. Pharm., B.Sc. (Agriculture) and CBSE Schooling. By the blessings of Shri Sant Gajanan Maharaj, we aim at developing a pursuit of knowledge in students, commitment to economic, social & cultural uplifting of masses. The Institute named PRPCE&M highly believes in nurturing ethics and moral values in students.

The Institute has dedicated teaching staff, digital classrooms, Wi-fi campus, finishing school, Placement cell, state- of-art auditorium, well equipped laboratories, and digital library with quality infrastructure. Our constant endeavour is to provide gamut of opportunities for our students to make them skilled engineers, top class managers and also good citizens.

About the Department

Department of Mechanical Engineering is collaborative product of many technical minds. A team of highly qualified, experienced and dedicated faculty members under the leadership of Head of Department provides quality education, conducts strong research programs, foster close partnership with industry and focus on cutting technologies and knowledge about the current trends in the field of Mechanical Engineering.

The academic programmes include frequent industrial visits for students to expose them to real life engineering scenario. The department takes keen interest in inculcating an attitude and temperament for practicing ethics in the mind of students and preparing them for being part of collective efforts for nation building. This has helped students for the challenges they face in the outside world and helping them secure a better professional future.

About the STTP

Aim of this STTP is to provide upgradation of knowledge and skills for students, research scholars, faculties, scientists and industrial persons. The course will provide a national level forum to be familiar with the advances in mechanical engineering to understand various recent trends and explore research avenues to interested students, researchers and practitioners. The lectures will be delivered by distinguished experts in their field. This one-week short term course will include lectures, special case studies and hands on training in Advances in Mechanical, Industrial Engineering. The STTP is intended to bring industry and academia close to each other. By providing scholarly inputs to those who already have domain knowledge of their discipline, the programme will offer prospects of a career within academia or in research positions.

ISTE

Sponsored

Short Term Training Program (STTP)

On

"Exploring Advances and Research Opportunities in Mechanical Engineering"

Date : 14th June – 18th June 2021

Organized by

Department of Mechanical Engineering



P. R. Pote (Patil) Education & Welfare Trust's Group of Institutions

College of Engineering & Management, Amravati

(Recognized by AICTE, New Delhi & Affiliated to SGBAU, Amravati)

Objectives of the STTP

- To provide advanced knowledge on Mechanical Engineering including thermal, design, production and industrial engineering.
- To promote research and development environment by disseminating knowledge on recent developments in mechanical engineering along with recent tools and their scopes.
- To do research and publications of international standard.

Eminent Speaker

- **Dr.D.S.Ingole**, HOD (Mech Engg) & Dean Administration, PRMITR, Badnera
- **Dr.Vivek K. Sunnapwar** , Principal, Lokmanya Tilak College of Engineering, Navi Mumbai
- **Dr. Bhushan Patil**, Dean (R&D), Father Rodrigues College of Engg., Mumbai
- **Dr.Ashish Mahalle,** HOD., Dept. of Mech,Engg., Government College of Engineering,Amravati
- **Dr. S.D. Kalpande**, Dean Academic, Guru Govind Singh College of Engineering, Nashik

Topics to be covered

- Engineering Challenges in Future
- Towards Green through Lean
- Advance Trends in Mechanical and other interdisciplinary fields for Research.
- Statistical Analysis in Research using Open Source Software - JAMOVI
- Implementation of Industrial Engineering tool for Performance improvement of Organizations

Registration Process

The **Registration is free** for all participants. E-Certificate will be issued to participants who will be attending all the sessions including quiz and feedback.

For Registration: Click Below Link

https://forms.gle/3YNRnzaDGg2uhepG7

Mode of Conduction

Online Using Zoom Apps

Vision and Mission of the Institution

Vision of the Institution

"To flourish as a centre of excellence for producing the skilled technocrats and committed human beings"

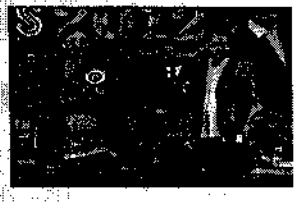
Mission of the Institution

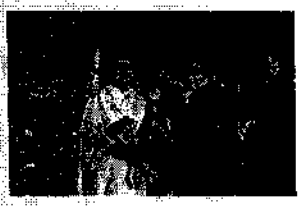
- To create conducive environment for teaching & learning.
- To impart quality education through demanding academic programs.
- To enhance career opportunities by exposure to Industries & recent technologies.
- To develop professionals with strong ethics and human values for the betterment of Society.

For any queries please contact

- **Dr. P.R. Wadnerkar**
  Mob. No. 8830274480, 9422193566
  Email: p_wadnerkar@rediffmail.com
- **Dr. S.M. Tondre**
  Mob. No. 9422153885
  Email: mechprpcem12@gmail.com

Eminent Personality Visited and Guided









P.R.Pote Patil

College of Engineering & Management,Amravati

Education and Welfare Trust

ISTE

Approved

One Week Online Short Term Training Program (STTP)

On

Exploring Advances and Research Opportunities in Mechanical Engineering

Date : 14th June to 18th June 2021

– Organized by –

Department of Mechanical Engineering

Patrons :

Hon'ble Shri. Pravinkumar R. Pote
President,P.R.P.P.E.W.T.

Hon'ble Shri. Shreyas P. Pote
Vice-President ,P.R.P.P.E.W.T.

Hon'ble Dr.S.A.Ladhake
Director, P.R.P.P.E.W.T.

General Chair :

Dr.A.V.Kale
Principal,PRPCE&M

Dr.Mohammad Zuhair
Vice-Principal,PRPCE&M

STTP Coordinator
Dr.P.R.Wadnerkar & Dr.S.M.Tondre



P.R.Pote Patil
College of Engineering & Management,Amravati
Education and Welfare Trust

INVITATION

You are cordially invited for the inaugural function of

ISTE Approved

One Week Online Short Term Training Program (STTP) On

Exploring Advances and Research Opportunities in Mechanical Engineering

Date : 14th June 2021, Time : 2.00 PM

Organized by :
Department of Mechanical Engineering

Platform :Zoom app

P. R. Pote (Patil) College of Engineering & Management,

Amravati

Department of Computer Science & Engineering

&

Department of Electronics & Telecommunication Engineering

National Level One Week Faculty Development Program on

"Multi Technologies"

(From: 28/06/2021 To 03/07/2021)

Program Conduction Schedule

Sr. No	Topic	Date	Name of Resource Person
1	**Dart**	28/06/2021 Monday **(Day-01)**	**Mr. Mehdi**
2	**React JS**	29/06/2021 Tuesday **(Day-02)**	**Mr. Shiva**
3	**Informatica**	30/06/2021 Wednesday **(Day-03)**	**Mr. Madhu**
4	**AWS**	01/07/2021 Thursday **(Day-04)**	**Ms.Kiranmayee**
5	**DevOps**	02/07/2021 Friday **(Day-05)**	**Ms.Kiranmayee**
6	**GitHub**	03/07/2021 Saturday **(Day-06)**	**Mr. Mahesh**

Time of STTP: 9:30 A.M

H.O.D. (EXTC Dept.)
P.R.Pote (Patil) College of Engg. & Management
Amravati.

P. R. Pote (Patil) College of Engineering & Management, Amravati

Department of Computer Science & Engineering

&

Department of Electronics & Telecommunication Engineering

National Level One Week Online Faculty Development Program on

"Multi Technologies"

(From: 28/06/2021 To 03/07/2021)

List of Participants

	Name	Email	Joined On	Gender
1	Dr. Ajay B. Gadicha	ajjugadicha@gmail.com	13-Jun-21	MALE
2	Prof. S. S. Sagane	sumitsagane@gmail.com	15-Jun-21	MALE
3	Sanjivanee R. Kale	sanjivanikale5998@gmail.com	15-Jun-21	FEMALE
4	Komal Baburao Bijwe	komalbijwe@gmail.com	15-Jun-21	FEMALE
5	Parnal Prakash Pawade	kparnal2020@gmail.com	15-Jun-21	FEMALE
6	Deepak Chandulal Dhanwani	deepak.c.dhanwani@gmail.com	15-Jun-21	MALE
7	Trupti G. Ghongade	truptigghongade04@gmail.com	15-Jun-21	FEMALE
8	Sneha R. Sontakke	srsontakke21@gmail.com	15-Jun-21	FEMALE
9	Ms.Prachi Vinod Kale	prachivkale@gmail.com	15-Jun-21	FEMALE
#	Sunpreet Kaur Nanda	sunpreetkaurbedi@gmail.com	15-Jun-21	FEMALE
#	Prof. Bhushan Ruprao Mankar	bhushan04ec041@gmail.com	15-Jun-21	MALE
#	Dr. Ujwal S. Ghate	ujwalghate11@gmail.com	15-Jun-21	MALE
#	Sandeep M. Jadhav	sandeepjadhav1985@hotmail.com	15-Jun-21	MALE
#	Aparna Sanjay Bhande	aparna8bhande@gmail.com	15-Jun-21	FEMALE
#	Deepak Shahakar	deepakshahakar@gmail.com	15-Jun-21	MALE
#	Yogita D.Shahakar	shahakarmrunal@gmail.com	15-Jun-21	FEMALE
#	Dr. Gopalkrishna D. Dalvi	dalvigopal80@gmail.com	15-Jun-21	MALE
#	Dr. Ranjana Sitaram Zinjore	rszinjore14@gmail.com	17-Jun-21	FEMALE
#	Shubhangi Sudhir Mahadik	shubhangim107@gmail.com	17-Jun-21	FEMALE
#	Akshay P. Dhande	akshaydhande126@gmail.com	17-Jun-21	MALE
#	Dr. Atul D. Raut	atuldraut@gmail.com	17-Jun-21	MALE
#	Vaishali Bhagat	vrmate16@gmail.com	17-Jun-21	FEMALE
#	A D Diwekar	apurvadiwekar26@gmail.com	17-Jun-21	FEMALE
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#	Rachana Mahule	rachanamahule@gmail.com	18-Jun-21	FEMALE
#	PARAG RAVINDRA JAWAL	paragjawale88@gmail.com	19-Jun-21	MALE
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#	Vaishnavi Gajanan Thakare	vaishnavigthakare00@gmail.com	20-Jun-21	FEMALE
#	Vaishnavi	vaishnavideshmukh5959@gmail.com	20-Jun-21	FEMALE
#	Umesh W Hore	umeshhore@gmail.com	21-Jun-21	MALE
#	Vishal B. Padole	vpadole50@gmail.com	21-Jun-21	MALE
#	Krutika Chhajed	krutika.chhajed@gmail.com	21-Jun-21	FEMALE
#	Aniket R. Pawade	aniket.pawade@gmail.com	21-Jun-21	MALE
#	Prashant N. Pusdekar	pusdekar.extc@gmail.com	21-Jun-21	MALE
#	Rahul Ghongade	rahulghongade26@gmail.com	21-Jun-21	MALE

H.O.D. (EXTC Dept.)
P.R.Pote (Patil) College of Engg. & Management
Amravati.

112 299

P. R. POTE (PATIL) GROUP OF EDUCATION & WELFARE TRUST'S
COLLEGE OF ENGINEERING & MANAGEMENT , AMRAVATI

Accredited with "Grade A" by NAAC Approved by AICTE, New Delhi and affiliated to Sant Gadge Baba Amravati University, Amravati (M.S.)

BRAIN O VISION

CERTIFICATE

भारतीय राष्ट्रीय युवा परिषद
National Youth Council of India

This is to certify that

Vishal B. Padole

has successfully completed One week **Online National Level Faculty Development Program on "Multi-Technology"** organized by Department of Computer Science & Engineering & Department of Electronics and Telecommunication Engineering, P. R. Pote (Patil) College of Engineering & Management, Amravati. under IQAC in collaboration with Brain O Vision Solutions India Pvt. Ltd. held during 28.06.2021 to 03.07.2021.

Dr. A. B. Gadicha	Dr. V. B. Padole	Dr. A. V. Kale	MR. GANESH NAG DODDI	Datchana Moorthy
CONVENER	CONVENER	PRINCIPAL	CEO BRAIN O VISION SOLUTIONS	National Executive President, NYCI

H.O.D. (EXTC Dept.)
P.R.Pote (Patil) College of Engg. & Management
Amravati.

P. R. Pote Patil College of Engineering and Management, Amravati

Approved by AICTE Affiliated to S.G.B. Amravati University
Accredited by NAAC by A Grade

National Level 1 Week

Faculty Development Program

On

Multi-Technologies

Organize By

artment of Computer Science and Engineering

Link https://brainovision.org/f/nlmtfdp

Dr. A. B. Gadicha
Convener, HOD CSE

Dr. A. V. Kale
Principal

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it, Amravati

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Each Day Each T
From
To

H.O.D. (EXTC Dept.)
P.R.Pote (Patil) College of Engg. & Management
Amravati.

EXTC 2021 / 31.3

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ISTE Approved

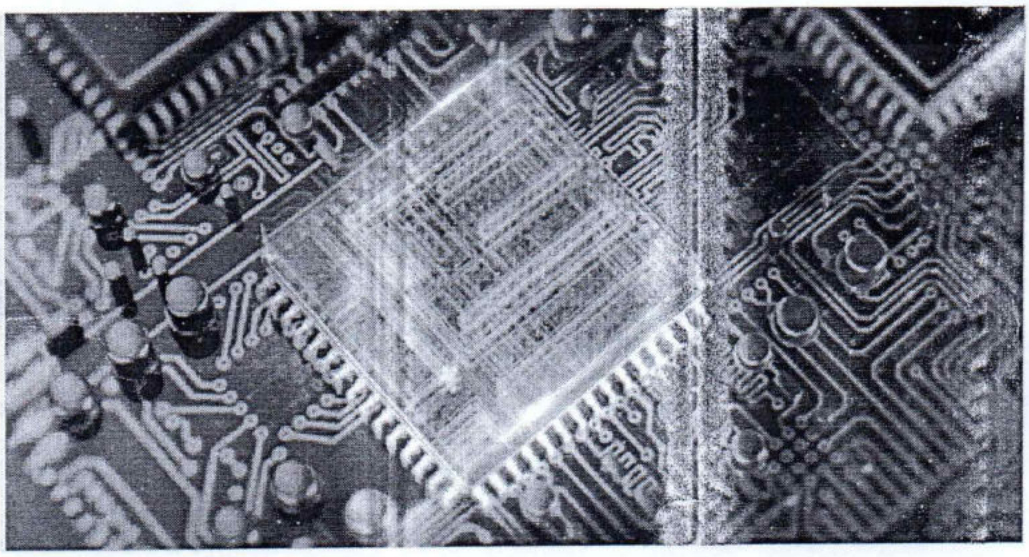
One week online Short Term Training

Program (STTP)

On

" Modern Tools for Electronic Circuit Design and Signal Processing Applications"

Date: 1st June to 6th June 2021



Organized by

Department of Electronics & Telecommunication Engineering

P. R. Pote (Patil) Education & Welfare Trust's Group of Institutions

College of Engineering & Management, Amravati

(Recognized by AICTE, New Delhi & Affiliated to SGBAU, Amravati)

One week online Short-Term Training Programme (Self-finance)

on

"Modern Tools for Electronic Circuit Design and Signal Processing Applications"

01st June to 6th June 2021

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Date :13/05/2021

To,

The Principal,

P.R.Pote (Patil) College of Engineering and Management,

Amravati

Subject : Request for Approval and sanctioning budget of Short Term Training Programme on **"Modern Tools for Electronic Circuit Design and Signal Processing Applications"** organized by Dept. of Electronics & Telecommunication Engg.

R/Sir,

A proposal with above mentioned subject, the Dept. of Electronics & Telecommunication Engg. is organizingOne week online Short-TermTraining Programme (self-finance) on **"Modern Tools for Electronic Circuit Design and Signal Processing Applications"** schedule from 01st June to 6th June 2021. The detailed copies of STTP proposal and estimated budget are attached herewith for your kind perusal.

You are kindly requested to approve and sanction the estimated budget for proposed short term training programme.

(Dr. G. D. Dalvi)
Dean (Academics)

Dr. R. D. Ghongade
HoD, EXTC

STTP Convener

Encl:

- STTP Proposal
- Budget Estimate

INDIAN SOCIETY FOR TECHNICAL EDUCATION

FOUNDED 1968

SHORT-TERM TRAINING PROGRAMMES (STTPs)
(Self-Financed)

PROFORMA FOR SENDING PROPOSALS

(For Chapters of Indian Society for Technical Education)

(To be filled in by Coordinator)

1	Name and Address of Host Institution with Pin code	**Address:**P. R. Pote (Patil) Education & Welfare Trust's Group of Institutions College of Engineering & Management, Amravati, Maharashtra State Pin Code : 444203 Phone: 0721-2530342 Fax : 072102530341 Email:principal@prpcem.org, prpotepatilcollege@gmail.com	
2	Title of the Programme (This should convey the content & main thrust of the programme)	ONLINE STTP ON **"Modern Tools for Electronic Circuit Design and Signal Processing Applications"**	
3	The Programme is intended for (Tick one only)	☐√ Teachers ☐√ Working Professionals ☐√ Others (specify) (Research Scholars)	
4	Name, Designation and Address of the Course Coordinator(s) (One Coordinator preferred. More than two not permissible)	**Dr. Rahul D. Ghongade,** Associate Professor, Department of Electronics & Telecomm. Engg., P. R. Pote (Patil) College of Engg., & Mgmt., Amravati	**Dr. Gopal D. Dalvi,** AssistantProfessor, Department of Electronics & Telecomm. Engg., P. R. Pote (Patil) College of Engg., & Mgmt., Amravati
	Telephone, Mobile & Email of the Coordinator(s)	+919766314042 rahulghongade@rediffmail .com	+919834267607 dalvigopal80@gmail.com
	Highest Qualification of Coordinator(s)	Ph.D. (Electronics Engg.)	Ph.D. (Electronics Engg.)
	Area of Specialization	Digital Signal Processing	Electronics, OBE
	Teaching Experience (years)	21 Years	18 Years
	Industry Experience (years)	1.5 Years	-
	Number of papers published	25	15
	Number of Short-Term	06	03

	Courses of Summer/Winter Schools attended		
	Number of Short-Term Courses of Summer/Winter Schools conducted earlier	02	02
5	Specialization area for which the proposal is made (tick one only)	☐Civil ☐ Mechanical √☐ Electrical √☐Electronics √☐ Computer Science ☐ Pharmacy ☐ Architecture	√☐Basic Sciences (Specify subject) ☐ Interdisciplinary (Specify areas covered) ☐ Others (specify)
6	The course is basically (Tick one only)	☐ Subject updating course ☐ Special course on Emerging areas ☐ Pedagogy ☐ Other (Specify)	
7	Whether the proposal covers any of the categories indicated (Tick one only)	☐ Industry-based programmes with substantial involvement of industry and its experts ☐ Education Technology/Methodology of teaching ☐ Training for technical supporting staff √☐ Emerging Area ☐ Others (specify)	
8	Duration of the programme (Tick one only)	√☐ One week (minimum 5 working days) ☐ Two weeks (minimum 10 working days) ☐ Three weeks (minimum 15 working days) ☐ Four weeks (minimum 20 working days)	
9	Proposed dates for the Programmewhich may be changed later, if required	**From: 01/06/2021 To 06/06/2021**	
10	Do you have enough expertise within your institute and neighbouring places to offer the course satisfactorily? If NO, list the names and addresses of outside faculty nceded. At least one faculty from IITs or NIITs	☐ Yes 1. Mr. R. D. Sushir, Assistant Professor, PRPCEM, Amravati 2. Mr. A. R. Pawade Assistant Professor, PRPCEM, Amravati	☐ NO Name of faculty from other Institutes 1. Mr. Vinay Sharma, Technical Director, Ni Logic Pvt. Ltd., Pune. 2. Mr. ShrikantAtkarne, Head Technical, SparttaSoft Technologies, Pune.

COURSE DETAILS

1	Significance & Objectives of the programme (list one or two major objectives)	Overall the course is designed to give equal emphasis on the fundamentals as well as on the advanced level topics in the areas of digital signal processing, digital Image processing & Electronic circuit design using Mentor DSP &Microwind. This training Program provides opportunities to work in major areas of Signal Processing & Networking. This short term course is highly useful for electronics, electrical, and computer engineers with some knowledge on digital signal processing concepts. **Objectives of STTP** • To introduce standard tools and techniques for the design of Electronic circuit design. • To understand the concepts of modern tool for the signal processing applications. • To understand appropriate use of various concepts for specific applications in Digital Image processing. • To develop a fundamental Computing in the concepts of device modeling.
2	Course Content/Coverage (List 5 to 8 major topics with proposed duration of coverage in hours for each topic)	**Topics** — **Duration** 1. Programming & Applications of Mentor DSP for Digital Signal Processing. — 3 Hrs. 2. Programming & Applications of Mentor DSP for Digital Image Processing. — 3 Hrs. 3. Simulate and design an integrated circuit using Microwind — 3 Hrs. 4. Simulate and design an integrated circuit using Microwind. — 3 Hrs. 5. Hands on Mentor DSP — 3 Hrs. 6. Hands on designing and simulating electronic circuits using Microwind. — 3 Hrs.
3	Course Schedule	Total working days = **06 days** Lecture = 12 hrs. Laboratory/Practical = 06hrs. Industrial/Field Visits = hrs. Others (specify) = hrs. **Total hours engaged = 18hrs.**
4	Details of special equipment or laboratory facilities available for the course	Online Zoom platform
5	Collaboration with industry/ other institutions/ departments (indicate name of organization, nature of collaboration and experts involved)	-

6	Details of Course Faculty (List details of faculty)			
Sl. No	**Name & Designation**	**Institute**	**Highest Qualification**	**Field of Interest/Specialization**
1	Mr. Vinay Sharma	Spartasoft Technologies	M. Tech	Digital Signal Processing.
2	Mr. R. D. Sushir	PRPCEM, Amravati	Ph. D.(P), M.E.	Digital Signal Processing.
3	Mr. ShrikantAtkarne	Spartasoft Technologies	M. Teech	VLSI and Embedded System
4	Mr. A. R. Pawade	PRPCEM, Amravati	Ph. D.(P), M.E.	VLSI and Embedded System

I certify that the details given above are correct to the best of my knowledge and belief and I will organize the programme satisfactorily if approved. I also promise that I will abide by the terms and conditions contained in the ISTE Proceedings and submit the Final Report with Processing and operational expense to ISTE within 15 days after completion of the Programme.

Place: Amravati

Date: 13/05/2021

[redacted]
Signature of Coordinator with Name
(Dr. R. D. Ghongade) (Dr. G. D. Dalvi)

I agree to provide all necessary assistance and facilities of the institute for the conduct of the above programme.

Place: Amravati
Date: 13/05/2021

Signature of Principalwith Name
(Dr. A. V. Kale)

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भारतीय तकनीकी शिक्षा संस्था
INDIAN SOCIETY FOR TECHNICAL DUCATION

(Under the Societies' Registration Act XXI of 1860)

Prof. Vaidya Vijay Dattatray
Executive Secretary

ISTE/Proceedings/Online STTP-SF-MAH-012/2021-22 May 17, 2021

Proceedings of Executive Secretary, ISTE

Sub. : Sanction to conduct full time Short-term Training Programme on Self-financing basis for the financial year 2021-2022.

Sanction is hereby accorded to the following institution for the conduct of the Online/SF-STTP/FDP programme indicated below:

Name of Institution	:	PR Pote (Patil) Education & Welfare Trust's Group of Instt. College of Engg. & Mgt. Amravati – 444 203
Topic	:	Modern Tools for Electronic Circuit Design and Signal Processing Applications
Name & Address of Coordinators	:	Dr. Rahul D. Ghongade, Asst. Prof. / Dr. Gopal D. Dalv, Asst. Prof.
Duration	:	One Week (Minimum 05 Working Days)
Proposed dates	:	01-06-2021 to 06-06-2021

Terms and Conditions

The institution offering the Programmes should be approved by AICTE and must be Institutional Member of ISTE. Institutions having ISTE Faculty Chapter and Students Chapter shall be preferred. There will be no financial commitment on the part of ISTE on account of this programme. The fee of one **proposal is Rs. 1180/- (Incl. 18% GST)** paid by DD in favour of ISTE New Delhi along with proposal or by NEFT/RTGS in the following ISTE Account **(Name of Account: ISTE Membership Fee, Account No: 6707247614 Bank: Indian Bank IFSC Code: IDIB000M089 Branch: Mehrauli Road New Delhi).**

1 This will be a online program of the duration of 1 week/2 weeks/4 weeks.

2 The registration fee of the participants may be fixed by the host institution.

3 ISTE Life membership is necessary for participants to attend SF programmes. However, If any participant is not having life membership he/she may take the membership of ISTE before the starting of the course and apply by paying the fee to the course coordinator at the spot before the commencement of the programme. The Life Membership fee is Rs. 3540/- (Incl. 18% GST) to be paid by DD in favour of ISTE New Delhi or by NEFT/RTGS as per above Account details.

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4 The final report as mentioned in these guidelines is to be submitted online to ISTE within 15 days after completion of the Programme.

5 The institute should ensure that the Resource Persons should be well known personalities having thorough knowledge and he/she should be from an Institute or Industry.

6 **Since it is an Online program, e-Certificate to ISTE Life Members will be issued by ISTE from this office. Operational and processing fee of Rs. 100 +18% GST (Total Rs. 118/-) will be charged per participant. Institute conducting the program will collect the fee from participants and will send it to ISTE by DD or NEFT/RTGS with list of participants with their ISTE Life Membership Number. Institute conducting on line program will not issue Certificates with ISTE logo to Participants. Course coordinator is requested to ensure the same and attach payment proof or UTR number.**

7 **At least one test at the end is to be conducted to judge the performance of participants. Institute can conduct more test, if they desire. Attendance and successful completion of Test conducted is mandatory to receive certification by ISTE. Co Ordinator should ensure this while submitting list of participants to ISTE.**

8 **The Digital e-certificates to eligible participants will be sent by ISTE Delhi through organizing Institute.** The certificate contains the ISTE logo at the top . The digitally signed e-certificates will bear the Signatures of Executive Secretary, ISTE.

9 Above terms and conditions are applicable to Online Programs only.

Executive Secretary

To,

The Principal
P.R. Pote (Patil) Educational & Welfare Trust's
Group of Institutions College of Engineering & Management
Amravati – 444 203
Maharashtra State

Copy to:

Dr. Rahul D. Ghongade
Coordinator
P.R. Pote (Patil) Educational & Welfare Trust's
Group of Institutions College of Engineering & Management
Amravati – 444 203
Maharashtra State

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Budget Estimate (only for External Speaker)

Sr.No.	Particulars	Amount (Rs.)
1	Day 1- Lecture (Honorarium- Speaker 1)	3000/-
2	Day 2- Lecture (Honorarium- Speaker 2)	3000/-
3	Day 3- Lecture (Honorarium- Speaker3)	3000/-
4	Day 4- Lecture (Honorarium- Speaker4)	3000/-
5	Day 5- Lecture (Internal faculty)	2000/-
6	Day 6- Lecture (Internal faculty)	2000/-
	Total Amount (Rs.)	**12,000/-**

+ 4,000/-
16,000/-

(Dr. G. D. Dalvi)
Dean (Academics)

Dr. R. D. Ghongade
HoD, EXTC

STTP Convener

P. R. Pote (Patil) College of Engineering & Management, Amravati
Department of Electronics & telecommunication Engineering

ISTE ApprovedOnline One week STTP on

"Modern Tools for Electronic Circuit Design and Signal Processing Applications"

(From: 01/06/2021 to 06/06/2021)

ProgramSchedule

Sr.No	Topic	Date	Name of Resource Person
1	Programming & Applications of Mentor DSP for Digital Signal Processing.	1/06/2021 Tuesday **(Day-01)**	Mr.Vinay Sharma, Technical Director Ni Logic Pvt. Ltd., Pune
2	Programming & Applications of Mentor DSP for Digital Image Processing.	02/06/2021 Wednesday**(Day-02)**	Mr.Vinay Sharma, Technical Director Ni Logic Pvt. Ltd., Pune.
3	CMOS VLSI design and basics design techniques using Microwind.	03/06/2021 Thursday **(Day-03)**	Mr.ShrikantAtkarne Head, Technical SparttaSoft Technologies, Pune.
4	Digital CMOS circuit design and optimization	04/06/2021 Friday **(Day-04)**	Mr.ShrikantAtkarne Head, Technical SparttaSoft Technologies, Pune.
5	Hands on training session Mentor DSP	05/06/2021 Saturday **(Day-05)**	Prof. R. D. Sushir, Assistant Professor, PRPCEM, Amravati
6	Hands on training session designing and simulating electronic circuits using Microwind	06/06/2021 Sunday **(Day-06)**	Prof. A. R. Pawade, Assistant Professor, PRPCEM, Amravati

Time of STTP: 1.00 P.M

Patrons:

Hon'ble Shri. Pravinkumar R. Pote
President, P. R. Pote (Patil) Education & Welfare Trust's Group of Institutions, Amravati (M.S.)

Hon'ble Shri. Shreyas P. Pote
Vice-President, P. R. Pote (Patil) Education & Welfare Trust's Group of Institutions, Amravati (M.S.)

Hon'ble Dr. S. A. Ladhake
Director, P. R. Pote (Patil) Education & Welfare Trust's Group of Educational Institutions, Amravati (M.S.)

General Chair:
Dr. A. V. Kale, Principal, PRPCE&M
Dr. Mohammad Zuhair Vice-Principal, PRPCE&M, Amravati.

STTP Convener:
Dr. R. D. Ghongade & Dr. G. D. Dalvi

About the Institution

P. R. Pote (Patil) Education & Welfare Trust's Group of Institutions, Amravati is a foremost name in higher Education in Maharashtra. The Group offers UG, PG and doctoral courses in various disciplines of Engineering, Management and Technology. Various courses offered by the Group include BE, ME, Ph.D, MBA, MCA, Polytechnic, B. Arch, B.Ed., B. Pharm., D. Pharm., B.Sc. (Agriculture) and CBSE Schooling. By the blessings of Shri Sant Gajanan Maharaj, we aim at developing a pursuit of knowledge in students, commitment to economic, social & cultural uplifting of masses. The Institute named PRPCE&M highly believes in nurturing ethics and moral values in students. The Institute has dedicated teaching staff, digital classrooms, Wifi campus, finishing school, Placement cell, state-of-art auditorium, well equipped laboratories, and digital library with quality infrastructure. Our constant endeavour is to provide gamut of opportunities for our students to make them skilled engineers, top class managers and also good citizens.

About the STTP

The course is designed to give equal emphasis on the fundamentals as well as on the advanced level topics in the areas of digital signal processing, digital Image processing & Electronic circuit design using Mentor DSP & Microwind. This training Program provides opportunities to work in major areas of Signal Processing & circuit design.

This short term course is highly useful for Electronics, Electrical, and Computer engineers with some knowledge on digital signal processing concepts.

Objectives of the STTP

- To introduce standard tools and techniques for the design of Electronic circuit design.
- To understand the concepts of modern tool for the signal processing applications.
- To understand appropriate use of various concepts for specific applications in Digital Image processing.
- To develop a fundamental Computing in the concepts of device modeling.

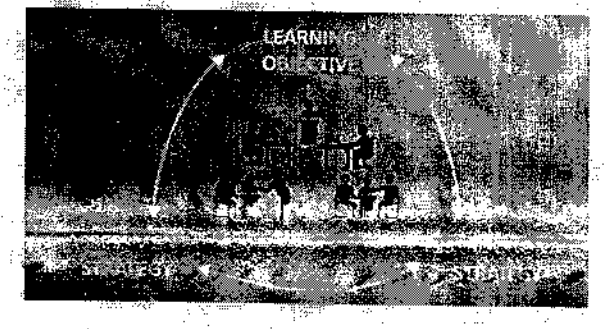
ISTE Approved
Short Term Training Program (STTP)
On

" Modern Tools for Electronic Circuit Design and Signal Processing Applications"

Date: 1st June to 6th June 2021

Organized by

Department of Electronics & Telecommunication Engineering



P. R. Pote (Patil) Education & Welfare Trust's Group of Institutions
College of Engineering & Management, Amravati

(Recognized by AICTE, New Delhi & Affiliated to SGBAU, Amravati)

Eminent Speaker

- Mr. Vinay Sharma,
  Technical Director, Ni Logic Pvt. Ltd., Pune.
- Mr. Shrikant Atkarne, Technical Head, SparttaSift Technologies, Pune.
- Prof. R. D. Sushir,
  Assistant Professor, PRPCEM, Amravati
- Prof. A. R. Pawade,
  Assistant Professor, PRPCEM, Amravati

Topics to be Covered

- Programming & Applications of Mentor DSP for Digital Signal Processing
- Programming & Applications of Mentor DSP for Digital Image Processing.
- CMOS VLSI design and basics design techniques using Microwind.
- Digital CMOS circuit design and optimization
- Hands on training session Mentor DSP
- Hands on training session designing and simulating electronic circuits using Microwind.

Registration Process

The **Registration is free** for all participants. E-Certificate will be issued to participants who will be attending all the sessions including quiz and feedback.

Link For Registration:
https://forms.gle/eyzQ2NvkipXb31tv7

Mode of Conduction

Online Using Zoom App

Vision and Mission of the Institution

Vision of the Institution

To flourish as a centre of excellence for producing the skilled technocrats and committed human beings.

Mission of the Institution

- To create conducive environment for teaching & learning.
- To impart quality education through demanding academic programs.
- To enhance career opportunities by exposure to Industries & recent technologies.
- To develop professionals with strong ethics and human values for the betterment of Society.

Vision and Mission of the Department

Vision of the Department

To become a center of excellence in Electronics & Telecommunication Engineering to produce quality, self-motivated, creative and ethical engineers.

Mission of the Department

- To provide basic and advance knowledge to the students of Electronics & Telecommunication Engineering.
- To strive towards efficient industry-institute interaction and academic excellence.
- To inculcate awareness towards societal needs and environmental issues.

For any queries please contact

- **Dr. R. D. Ghongade, HoD, E&TC**
  Mob. No. 8830312724
  Email: rahulghongade26@gmail.com
- **Dr. G. D. Dalvi, Dean (Academics)**
  Mob. No. 9834267607
  Email: dalvigopal80@gmail.com

Eminent Personality Visited and Guided



MASTERS IN ELECTRONICS ENGINEERING WITH 8 YEARS EXPERIENCE IN THE AREA OF VLSI DESIGN, MACHINE LEARNING AND DEEP LEARNING APPLICATIONS

Aniket Pawade

33, Krushak Colony, Ram Nager, Amravati

Phone: (+91) 9403389775

E-mail: aniket.pawade@gmail.com

About

Highly motivated engineering teacher with years of experience with solid understanding of standard engineering practices. Delivering technical and educational assistance to various levels of learners. Committed to providing students and teachers with various technical tools information to achieve academic goal. Have completed many projects with versatile skill and have conducted numerous workshop and seminars.

Work History

Assistant Professor 2013 to Current. P. R. Pote (Patil) College of Engineering & Mngt.

Education

- **Doctor of Philosophy (Ph.D.)** | Appearing SGBA University
- **Master of Engineering (M.E.) | Electronics Engineering**
  PRPCEM (Amravati) SGBA University
  Aug 2012 – Jul 2014
- **Bachelor of Engineering (B.E.) | Electronics & Tele-Communication**
  PRPCEM (Amravati) SGBA University
  Jul 2008 – Jul 2012

Skills

- Python
- Machine Learning
- Deep Learning
- Data Visualization
- Simulations
- VLSI Design
- Embedded System

Brief Overview

- Strong Experience in project and team management
- Conducted various training programs imparting training to students & professionals.
- Strong communication, Presentation and inter personal skills.
- Successfully Coordinates National level technical events for Robotics and Projects.
- Strong teaching capabilities backed up with practical experience.

Technologies Hands-on

- Work extensively on Raspberry pi, Node MCU for IoT Applications in various projects.
- Pro-efficient knowledge of various simulation tools like Xilinx, Microwind, QUCS, Proteus & Sci-lab.
- Strong hand on experience on Machine learning libraries, algorithms and applications.

315



SHRIKANT R. ATKARNE

Bhoomi Elegance, B-Wing,
Flat no. 11, Narhe, Pune
Contact: +919503615596 **Email:** shrikantatkarne5@gmail.com

ASPIRING APPLICATION ENGINEERING

Developing a challenging career opportunity as **Application Professional** in **Electronics Core industry** with Latest **chip layout designing** Technologies where my skills and knowledge can contribute to its success.

SUMMARY OF SKILLS

- **Work experience of 11+ years in EDA industry**
- **M. Tech** in **Electronics & Telecommunication Engineering** with **VLSI and Embedded System** from **College of Engineering, Pune (COEP).**
- **MBA in Project Management** from **Sikkim Manipal University, Bangalore.**
- Accented with the latest trends and techniques of the field, a qualified **B.Tech in Electronics & Telecommunication Engineering** from **Government College of Engineering, Amravati**; currently working as an **Application Engineer for NI Logic Pvt. Ltd. Pune**
- Possess knowledge of various **EDA Tools software, sound understanding & skill of creating Presentations & Systems, Designing practical, Analysis, Testing, Client handling and providing Demos** as per the customer's requirements.
- Self-motivated, hardworking and goal-oriented with a high degree of flexibility, creativity, resourcefulness, commitment and optimism.

EDUCATIONAL CREDENTIALS

M. Tech (VLSI and Embedded System)
College of Engineering, Pune, CGPA 7.80

MBA (Project Management)
Sikkim Manipal University, Bangalore, 79%

B.Tech (Electronics & Telecommunication Engineering)
Government College of Engineering, Amravati, CGPA 8.80

Diploma
Government Polytechnic, Arvi, 83.36%

Matriculation
Shri Shivaji Higher Secondary School, Morshi, 73.46%

Technical Skills Set

VLSI EDA Tools	FinFET, MICROWIND (Back End Layout designing), Cadence Virtuso
VLSI Front End	Xilinx with MATRIX-II Board, vertex-5, Spartan-6 (Verilog & VHDL)
Analog Platform	FPAA (Anadigm designer 2)
DSP Platform	Mentor DSP
RPD	Rapid Prototyping with 3 D printer

Work Experience:

- Working as a technical consultant for Prowiz Systems, Pune and EDAS Technology, Nagpur.
- Worked as technical host for more than 400+ national/State/College level workshops, seminars and faculty improvement programs, STTPs for engineering colleges.
- Leading **"Industry Academy gap reduction cell"**.
- Has designed structure for various university program.
- Currently heads the team of application and design engineers in the company.
- Member of industry-interaction department in engineering colleges.
- Published 7 international journals papers on current VLSI trends.

PROJECTS UNDERTAKEN

VLSI Front End & Back End

Tools	Microwind 3.8 FinFET 14 nm and Matrix-II Board
Team Size	12
Client	Educational Institutes and MSMEs
Duration	03 May 2011 - Till Date
Description	Microwind is the VLSI back end layout designing tools which plays a vital role in understanding basic concepts of chip layout designing and simulation in deep submicron CMOS design. Front end development using Matrix-II board. Dumping and verification on FPGA and CPLD.
Role	1. Responsible for designing and verification of all VLSI based projects undertaken by engineering institutes all over India. 2. Provides the development requires for tool. 3. Providing Demos and presentations. 4. Providing Technical Support. 5. Handling National Level STTPs, FDPs and Workshops.

Analog Designs – Field Programmable Gate Arrays (FPAA)

Tools	Anadigm Designer Tool
Team Size	8
Client	Educational Institutes & MSMEs
Duration	10 DEC 2011 - Till Date
Description	Anadigm is high performance and fast developing analog design board. It can be programmed using software called Anadigm. We can directly modify the design in the

software and can programmed board for the same application. It increases the speed of your analog design.

Role	1. Responsible for designing and verification of all Analog based projects undertaken by Engineering institutes all over India. 2. Provides the development requires for tool. 3. Providing Demos and presentations. 4. Providing Technical Support. 5. Handling National Level STTPs, FDPs and Workshops.

Digital Signal Processing

Tools	Mentor DSP and Trainer Board
Team Size	5
Client	Educational Institutes & MSMEs
Duration	August 2012 - Till Date
Description	Mentor DSP is an easy to use, interactive software tool cum learning resources for various signal processing techniques. Mentor DSP achives the perfect balance between theory and practicals making DSP accessible to beginners without ever complicating it.
Role	1. Responsible for demos and training to Engineering institutes all over India. 2. Provides the development requires for tool. 3. Providing Technical Support. 4. Handling National Level STTPs, FDPs and Workshops.

Mr. RUPESH D. SUSHIR

PRPCEM, AMRAVATI

rupeshsushir18@gmail.com / Mo.: 8830614478

About :

- Flexible and energetic individual with knowledge of exceptional electronics engineering skills.
- Has been associated with various project teams and playing a key role in simulation designs and coding.
- Imparted trainings to engineering aspirants for enhancement of educational experience.

Qualification:

Degree	Name of University	Specialization	Year of Passing
Ph. D.	SGBAU, Amravati	Signal Processing	Pursuing
M.E.	SGBAU, Amravati	Digital Electronics	2011
B.E.	Pune University	EnTC	2009

Teaching Experience:

1) As an Assistant Professor at P. R. Patil College of Engineering and Technology, Amravati from June 2011 to October 2016. (Total 5.4 years)
2) Currently working as an Assistant Professor at P. R. Pote (Patil) college of Engineering and Management, Amravati, since November 2016.

Tools and Technology Handled:

- Xilinx
- MATLAB and Simulink
- Python with Machine Learning and Data Science
- Mentor DSP
- Embedded C compilers

Strengths:

- In-depth Teaching and Content Knowledge.
- Effective Communication and Presentation Skills.
- Flexibility and Creativity.
- Enthusiasm for Life Long Learning and Research Aptitude

Personal Profile:

Date of Birth : 18th March 1987

Nationality : Indian

Marital Status : Married

Languages Known : English, Marathi and Hindi.

MASTERS IN ELECTRONICS ENGINEERING WITH 20 YEARS EXPERIENCE IN THE AREA OF VLSI DESIGN, ELECTRONIC DESIGN AND HIGH SPEED FPGA APPLICATIONS

Vinay Sharma

E-7, Runwal Paradise, Bhusari Colony, Paud Road, Kothrud, Pune – 411 038

Phone : (91) 9890393925
E-mail : vinay_sharma_11@yahoo.com

ABOUT

An engineer by heart with passion to bring educational reform for future generations. After working few years, founded ni2designs with distribution and design profile. Have developed many VLSI & Embedded products, and completed many DRDO projects with versatile skills. Always been inclined towards upliftment of engineering education, and have conducted numerous workshops, seminars and faculty improvement programs towards this. Been member of industry-interaction department in few engineering colleges, and still working towards to make a difference in industry and education.

BRIEF OVERVIEW

- Strong experience in project and team management
- Have handled multiple level of projects with team size from 2 to 120.
- Well familiar with technologies like VLSI, instrumentation, processors, IOT, communication, DSP, with specialization in micro-electronics.
- Conducted various training programs imparting training to students and professionals
- Technically strong with high grasping power for new technologies.
- Strong communication, presentation and inter personal skills.

ACADEMICS

C.O.E. Pune, Pune University — **2010**
M. Tech. – Electronics (Digital Systems)

P.G. Diploma in VLSI, Pune — **2001**

Shivaji University, Kolhapur — **2000**
B. E. – Electronics

STRENGTHS

- Strong technical acumen with sound knowledge of various practical concepts and teaching methodologies.
- Proactive with a time bound approach towards assignments.
- Strong grasping power, ability to learn and imbibe new technologies with ease.
- Effective team working abilities with displayed leadership and motivational skills.
- Strong teaching capabilities backed up with practical experience.

TECHNOLOGIES HANDSON

- Worked extensively on FPGA platform, from Altera and Xilinx in various projects.
- Experienced on languages like VHDL, Verilog , Embedded C, System C, Python to an extent.
- Well versed with IOT, automation, instrumentation, radiation measurement and electrical projects.
- _____

PERSONAL DETAILS

Date of birth : 11th July, 1977 Marital status : Married Languages known : English, Hindi and Marathi

"Shri Gajanan Maharaj Prasanna"

P. R. Pote Patil Edu. & Welf. Trust's, Group of Institutions,
College of Engineering & Management, Amravati Institute Code : 1107
(Recognized by AICTE, New Delhi, Approved by Govt. of Maharashtra & Affiliated to SGBAU, Amravati)

- Kathora Road, Amravati, Maharashtra, India
- Ph. No. : +91-721-2970110, Fax No. : +91-721-2530089, Email : prpotepatilcollege@gmail.com
- Web. : www.prpcem.org, www.prpatilcollege.org

Ref. PRPCEM/STTP-INV/2020-21/ Date : 15/05/21

To,

Mr. Vinay Sharma,
Technical Director
Ni Logic Pvt.Ltd,
Pune.

Subject: Nomination as Expert Speaker for ISTE-STTP on "**Modern Tools for Electronic Circuit Design and Signal Processing Applications**"

Dear Sir,

It gives us immense pleasure to inform you that for the overall benefits of the academic community, Department of **Electronics And Telecommunications** of **P.R.P.C.E. & M., Amravati** is organizing online Short-Term Training Program w.e.f. **01st June to 6th June 2021**, On **"Modern Tools for Electronic Circuit Design and Signal Processing Applications".**

We would be highly honored if you can spare some time from your busy schedule to deliver the session. Your expertise and knowledge in the area would add a great value to the technical sense of one and all, especially for young faculty and academicians of the country who require the appropriate guidance to lead their department and Institution.

With your vast and in-depth knowledge in the area, we would request you to kindly accept our invitation. The tentative schedule of this STTP is attached herewith. The duration of presentation is maximum 1.30 hours followed by question-and-answer sessions.

We look forward your presence and guidance.

Mode of Webinar: - Online Using Zoom Platform

Thanking you

With Best Regards,

Dr. G. D. Dalvi
Dean (Academics)

Dr. R. D. Ghongade
HoD, EXTC

Dr. A. V. Kale
Principal , PRPCEM, Amravati

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- Web. : www.prpcem.org, www.prpatilcollege.org

Ref. PRPCEM/STTP-INV/2020-21/ Date : 15/05/21

To,

Mr. Shrikant Atkarne,
SparttaSoft Technologies,
Pune.

Subject: Nomination as Expert Speaker for ISTE-STTP on "**Modern Tools for Electronic Circuit Design and Signal Processing Applications**"

Dear Sir,

It gives us immense pleasure to inform you that for the overall benefits of the academic community, Department of **Electronics And Telecommunications** of **P.R.P.C.E. & M., Amravati** is organizing online Short-Term Training Program w.e.f. **01st June to 6th June 2021**, On **"Modern Tools for Electronic Circuit Design and Signal Processing Applications".**

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With Best Regards,

Dr. G. D. Dalvi
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- Ph. No. : +91-721-2970110, Fax No. : +91-721-2530089, Email : prpotepatilcollege@gmail.com
- Web. : www.prpcem.org, www.prpatilcollege.org

Ref. PRPCEM/STTP-INV/2020-21/ Date : 15/05/21

To,

Prof. Rupesh D. Sushir,
Department of EXTC,
P.R.P.C.E. & M.,Amravati

Subject: Nomination as Expert Speaker for ISTE-STTP on "**Modern Tools for Electronic Circuit Design and Signal Processing Applications**"

Dear Sir,

It gives us immense pleasure to inform you that for the overall benefits of the academic community, Department of **Electronics And Telecommunications** of **P.R.P.C.E. & M., Amravati** is organizing online Short-Term Training Program w.e.f. **01st June to 6th June 2021**, On **"Modern Tools for Electronic Circuit Design and Signal Processing Applications".**

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We look forward your presence and guidance.

Mode of Webinar: - Online Using Zoom Platform

Thanking you

With Best Regards,

Dr. G. D. Dalvi
Dean (Academics)

Dr. R. D. Ghongade
HoD, EXTC

Dr. A. V. Kale
Principal , PRPCEM, Amravati

P. R. Pote (Patil) College of Engineering & Management, Amravati
Department of Electronics & telecommunication Engineering

ISTE Approved Online One week STTP on
"Modern Tools for Electronic Circuit Design and Signal Processing Applications"
(From: 01/06/2021 to 06/06/2021)

	List of Participants		
Sr. No.	Timestamp	Email Address	Full Name of Participants
1	5-20-2021 16:04:48	aarti.bakshi@kccemsr.edu.in	Aarti Bakshi
2	5-19-2021 18:50:43	abhijeet.gupta.kk99@gmail.com	Abhijeet Gupta
3	5-26-2021 15:11:26	abhiwarhade1984@gmail.com	Abhijit vamanrao warhade
4	5-21-2021 22:30:51	abhishek.chaudhari@ves.ac.in	Abhishek Chaudhari
5	6-1-2021 11:53:13	abolipahurkar2908@gmail.com	Aboli Pahurkar
6	5-19-2021 16:24:06	am363184@gmail.com	Ajay W Mahore
7	5-19-2021 17:12:23	akshaydhande126@gmail.com	Akshay P Dhande
8	5-20-2021 20:45:27	amarwamangophane@gmail.com	Amar Waman Gophane
9	5-19-2021 16:41:44	amitkale@sbjit.edu.in	Amit Ashokrao Kale
10	5-27-2021 19:16:48	amrutachaudhari58@gmail.com	Amruta Satishrao chaudhari
11	5-19-2021 16:18:21	aniket.pawade@gmail.com	Aniket R. Pawade
12	5-19-2021 17:36:11	aniket.shahade11@gmail.com	Aniket Shahade
13	5-31-2021 14:54:02	anuppachghare8@gmail.com	Anup Anantrao Pachghare
14	5-19-2021 17:04:05	archana.rd47@gmail.com	Archana Rajendra Dhaygude
15	5-19-2021 22:00:50	aabhandekar@pict.edu	Ashwin Bhandekar
16	5-20-2021 18:24:34	ankushwankhede611@gmail.com	Ashwini Kisanrao Wankhede
17	5-20-2021 18:55:28	avi7kale@gmail.com	Avinash Dattatraya Kale
18	5-19-2021 20:41:25	sopanbadak@gmail.com	Bhaurao Shankarrao Badak
19	5-19-2021 17:56:47	bhushan04ec041@gmail.com	Bhushan Mankar
20	5-22-2021 9:17:01	d.a.kapgate@gmail.com	Deepak Amrit Kapgate
21	5-19-2021 16:54:27	deepak.c.dhanwani@gmail.com	Deepak Chandulal Dhanwani
22	5-22-2021 11:06:48	deepakshahakar@gmail.com	Deepak Shahakar
23	5-19-2021 16:43:15	deepali.dhgd93@gmail.com	Deepali Rajendra Dhaygude
24	5-27-2021 15:11:48	bhojapuredhanashri1999@gmail.com	Dhanashri Suresh Bhojapure
25	5-26-2021 19:17:42	dhanshri30994@gmail.com	Dhanshri Wankhede
26	5-20-2021 13:02:10	dhara.kansara@kccemsr.edu.in	Dhara Keyur Kansara
27	5-20-2021 18:38:15	dikshantpatil17@gmail.com	Dikshant Bharat Patil
28	6-1-2021 12:00:31	dipikagumble@gmail.com	Dipika Gumble
29	5-25-2021 20:23:14	dipti.karani@ves.ac.in	Dipti Jigar Karani
30	5-27-2021 14:51:19	gharat.disha205@gmail.com	Disha Natthu Gharat
31	5-19-2021 17:17:14	atuldraut@gmail.com	Dr Atul D Raut
32	5-21-2021 20:25:27	chetanshelke7@gmail.com	Dr Chetan J Shelke
33	5-20-2021 11:13:35	dmchandwadkar@kkwagh.edu.in	Dr Dinesh M Chandwadkar
34	5-29-2021 15:05:28	drnilesht74@gmail.com	Dr Nilesh R Thakare
35	5-27-2021 11:57:12	ravindra.dshmkh@gmail.com	Dr R M Deshmukh
36	5-24-2021 20:22:48	rahul2480@gmail.com	Dr Rahul Pethe
37	5-19-2021 16:43:20	hodcse2020@gmail.com	Dr. Ajay B Gadicha
38	5-19-2021 18:05:36	arvind.kapse@yahoo.com	Dr. Arvind Shivappa Kapse
39	5-20-2021 13:28:11	burindhe@gmail.com	Dr. Baban Rindhe
40	5-19-2021 16:57:41	edlejitendra@gmail.com	Dr. Jitendra S. Edle
41	5-19-2021 16:21:20	tawani.sagar@gmail.com	Dr. Sagar Shyam Tawani
42	5-31-2021 14:43:49	sbwarkad@yahoo.co.in	Dr. SANJAY B. WARKAD
43	5-29-2021 17:08:15	st1731982@gmail.com	Dr. Sarika A. Bhojne
44	5-29-2021 15:42:04	sarikashahare83@gmail.com	Dr. Sarika P. Shahare

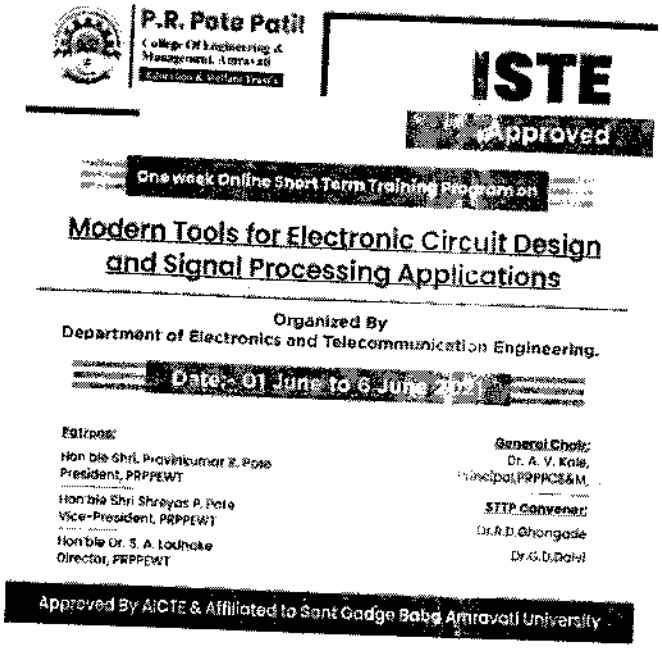
100	5-19-2021 21:17:04	rbphase8913@gmail.com	Ravindra Bhika Phase
101	5-25-2021 20:29:44	rita25gupta@gmail.com	Rita L. Gupta
102	5-19-2021 16:36:12	rrgguddu@gmail.com	Rounak Rajkumar Gupta
103	5-19-2021 16:25:21	rupeshsushir18@gmail.com	RUPESH DEVIDAS SUSHIR
104	5-22-2021 16:03:53	sachin18jalit@gmail.com	Sachin A. Jalit
105	5-21-2021 21:08:24	dandage.sachin@gmail.com	Sachin Manohar Dandage
106	5-22-2021 23:03:25	sadanand.harale@gmail.com	SADANAND DADU HARALE
107	5-19-2021 17:05:19	sagarpaddhan@sbjit.edu.in	Sagar Ramdas Pradhan
108	5-20-2021 19:18:22	sagars28@gmail.com	Sagar Vijay Sonkhaskar
109	5-27-2021 15:04:10	sakshitidake.3@gmail.com	Sakshi Suresh Tidake
110	5-29-2021 10:10:52	sandeepjadhav1985@hotmail.com	Sandeep M Jadhav
111	5-19-2021 20:01:33	sanskrutitarhekar5@gmail.com	Sanskruti Pradiprao Tarhekar
112	5-26-2021 17:21:51	svb19233@gmail.com	sarang v bhonde
113	5-23-2021 12:04:37	sbirthariya@gmail.com	ESH KUMAR GAJANAN BIRTHA
114	5-21-2021 12:12:43	shashank.bonde@yahoo.com	Shashank Dadarao Bonde
115	5-20-2021 22:30:18	sheetalod25@gmail.com	Sheetal Pralhad Bijawe
116	5-29-2021 17:38:09	sheetalnerkar03@gmail.com	Sheetal S. Nerkar
117	5-25-2021 8:01:46	satatte@gmail.com	Shilpa A.Khapre
118	5-19-2021 23:29:55	shivanidharmale.10@gmail.com	Shivani Gajananrao Dharmale
119	5-20-2021 13:54:07	shubhangivkc@gmail.com	Shubhangi Mangesh Verulkar
120	5-20-2021 20:26:58	mshweta2@rediffmail.com	Shweta Jeewandas Meshram
121	5-29-2021 21:00:04	prpcemssk@gmail.com	Simi Sadaf Khan
122	5-26-2021 17:39:39	smitakalmegh@gmail.com	Smita Vijay Kalmegh
123	5-20-2021 8:36:03	srsontakke21@gmail.com	Sneha R. Sontakke
124	5-26-2021 22:20:10	snehal2hajare@gmail.com	Snehal Vijay Hajare
125	5-20-2021 21:23:53	suhasinir200@gmail.com	Suhasini Navindra Raut
126	5-20-2021 18:55:30	sumit.chafale28@gmail.com	Sumit Chafale
127	5-19-2021 16:20:09	sunpreetkaurbrfi@gmail.com	Sunpreet Kaur Nanda
128	5-19-2021 21:09:50	suryakant.bhonge@gmail.com	Suryakant Purushottam Bhonge
129	5-30-2021 11:01:25	swapnilmakode5@gmail.com	Swapnil Sadanand Makode
130	5-29-2021 18:29:47	swatichaudhari5555@gmail.com	Swati D Chaudhari
131	5-26-2021 14:11:08	tawareganesh8985@gmail.com	Taware Ganesh Gorakhnath
132	5-27-2021 20:51:10	tejaschoukhande2001@gmail.com	Tejas chakradharrao chaukhande
133	5-19-2021 20:38:11	trupti.dange@gmail.com	Trupti Kawish Dange
134	5-21-2021 8:21:46	umeshhore@gmail.com	Umesh W Hore
135	5-27-2021 0:49:51	umeshkaw@rediffmail.com	Umesh Wasudeorao Kaware
136	6-1-2021 11:31:47	matevaishali2@gmail.com	Vaishali Bhagat
137	5-27-2021 14:36:35	vaishnaviharne4321@gmail.com	Vaishnavi Dnyaneshwarrao Harne
138	5-20-2021 20:52:29	vaishnavid518@gmail.com	Vaishnavi Sanjayrao Deshmukh
139	5-22-2021 11:20:08	viplav.sipna@gmail.com	Viplav Anup Soliv
140	5-26-2021 15:17:27	viruyadav.acet@gmail.com	Virendra Paras Yadav
141	5-19-2021 18:12:48	vishal.langote29@gmail.com	Vishal Babasaheb Langote
142	5-19-2021 16:08:20	vpadole50@gmail.com	Vishal Padole
143	5-19-2021 16:51:32	vivekdeshmukh@sbjit.edu.in	Vivek D. Deshmukh
144	5-23-2021 13:13:47	shahakarmrunal@gmail.com	Yogita Shahakar

ISTEapproved online SelfSponsoredSTTPOn"Modern Tools for Electronic Circuit Design and Signal Processing Applications" 01/06/2021 to 06/06/2021

Organized by,

Department of Electronics & Telecommunication Engg.
P. R. Pote (Patil) Education & Welfare

The Short-Term Training Program on "**Modern Tools for Electronic Circuit Design and Signal Processing Applications**"hadbeensuccessfullyorganizedbyDepartment of Electronics & Telecommunication Engg.
P. R. Pote (Patil) Education & Welfare Trust'sCollegeofEngineering&Management,Amravatifrom 1st June - 6thJune 2021. The self-sponsoredTwo-weekcoursehadbeenorganizedbyfacultiesmembers:Dr.Rahul Ghongade(HoD, ExTc)andDr. GopalDalvi, Dean (Academics).



Objectives of this STTP:

- To introduce standard tools and techniques for the design of Electronic circuit design.
- To understand the concepts of modern tool for the signal processing applications.
- To understand appropriate use of various concepts for specific applications in Digital Image processing.
- To develop a fundamental Computing in the concepts of device modeling.

Program Details

Thecourse commenced withInauguralFunctionon01st June 2021online withthebenign presence ofChiefGuestDr. S. A. Ladhake, Director of PRPGI, and a Guest of Honour Dr. A. V. Kale, Principal, P. R. Pote (Patil) College of Engineering & Management, Amravati and STTP Cordinators Dr. R. D. Ghongade& Dr. G. D. Dalvi and variousparticipantsfromintra aswellasintercolleges.

The ceremony startedwitha welcome ofChief Guest.LaterChiefGuestofficiallyinaugurated the Program with a keynote. Program Coordinator Dr. R. D. Ghongade explained the need of arrangingthe STTP and its features. He also discussed the one-weekschedule of program and highlighted the important keynotespeakers.

At Day 1, session started with Speaker Mr. Vinay Sharma, Technical Director, Ni Logic Pvt. Ltd., Pune, with topic "Programming & Applications of Mentor DSP for Digital Signal Processing". He explained the various applications of Mentor DSP tool with hands on demonstration can be useful for effective delivery.

At Day 2, session started with Speaker Mr. Vinay Sharma, Technical Director, Ni Logic Pvt. Ltd., Pune, with topic "Programming & Applications of Mentor DSP for Digital Image

Processing.".He explained the various applications of Mentor DSP tool with hands on demonstration before participants.

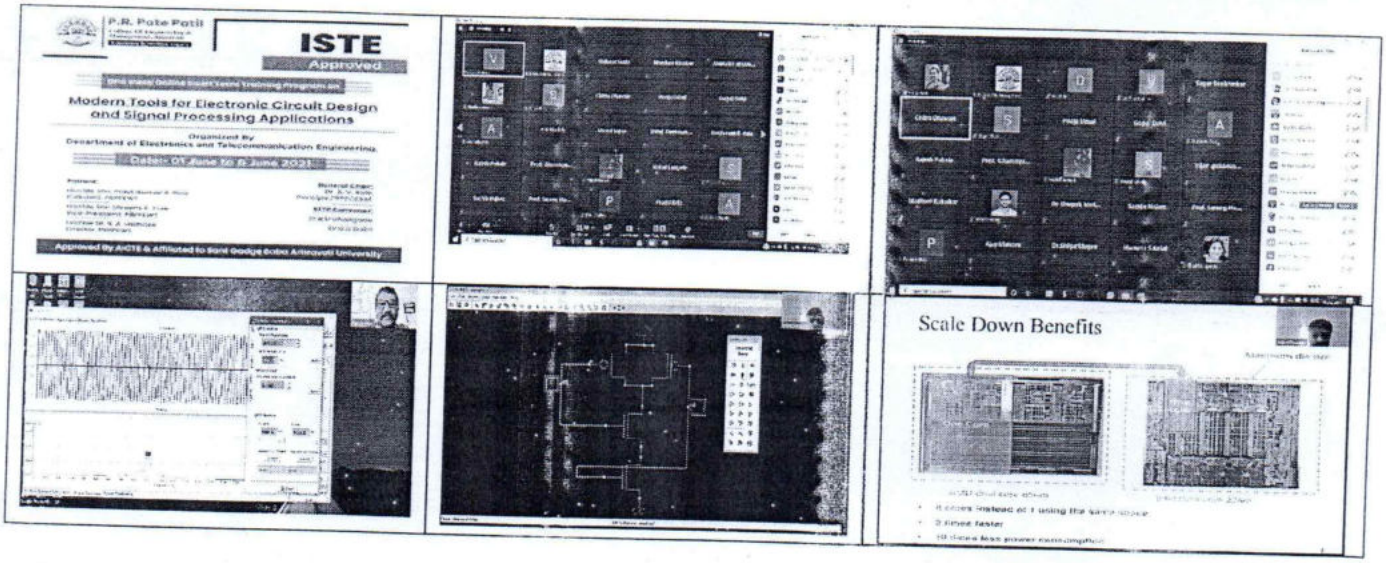
At Day 3, session started with Speaker Mr. ShrikantAtkarne, Head, Technical, SparttaSoft Technologies, Pune, with topic "CMOS VLSI design and basics design techniques using Microwind". He explained CMOS VLSI design and basics design techniques using Microwind.

At Day 4, session started with Speaker Mr. ShrikantAtkarne, Head, Technical, SparttaSoft Technologies, Pune, with topic "Digital CMOS circuit design and optimization". He explained CMOS circuit design and optimization using Microwind, demonstrated project-based activities and case studies can be useful for students to enhance their practical skills.

At Day 5, session started with Speaker Prof. R. D. Sushir,Assistant Professor, PRPCEM, Amravati with topic "Hands on training session Mentor DSP". He has conduct hands on session nicely with various practicals.

At Day 6, session started with Speaker Prof. A. R. Pawade,Assistant Professor, PRPCEM, Amravati, with topic "Hands on training session designing and simulating electronic circuits using Microwind.". He explained the various examples of CMOS design using Microwind tools, and optimization techniques.

Photographs of Online delivery.



At day 6, STTPcommenced with Objective Test Examination, in that participants were given the Test paper andasked to submit it with their responses. Further participants were asked to give genuine feedback on the organisedprogramand asked togive fairsuggestions forfurtherimprovement.

Finally, the course was formally wrapped up with Valedictory ceremony on 6th June 2021, in the presence of participantsand distinguished faculty members. The course content, its delivery and other facilitieswere rated adequate through online google sheet feedback of participants. In concluding part of the ceremony,vote-of-thanks was given by Dr. G. D. Dalvi, the Programme coordinator. The entire course ended with NationalAnthem.

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ISTE Approved Online One week STTP on
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(From: 01/06/2021 to 06/06/2021)

Day 1 Attendance

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6-5-2021 15:04:28	bhojapuredhanashri1999@gmail.com	Dhanashri Suresh Bhojapure	9766917327
6-5-2021 15:04:06	dhara.kansara@kccemsr.edu.in	Dhara Kansara	7208233606
6-5-2021 15:05:49	dikshantpatil17@gmail.com	Dikshant Bharat Patil	7709438992
6-5-2021 15:17:29	dipti.karani@ves.ac.in	Dipti Jigar Karani	9022114731
6-5-2021 15:05:20	gharat.disha205@gmail.com	Disha Gharat	7559379008
6-5-2021 15:02:23	dmchandwadkar@kkwagh.edu.in	Dr Dinesh M Chandwadkar	9422247389
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6-5-2021 15:03:39	atudraut@gmail.com	Dr. Atul D. Raut	9850303844
6-5-2021 15:09:53	st1731982@gmail.com	Dr. S. A. BHOJNE	866889859
6-5-2021 15:28:49	tawani.sagar@gmail.com	Dr. Sagar Shyam Tawani	9405358200
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6-5-2021 15:53:48	Nikhil.karale10@gmail.com	NIKHIL KARALE	7507799860
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Day 5 Attendance

Timestamp	Email Address	Full Name of Participant	Contact No
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6-5-2021 17:51:25	akshaydhande126@gmail.com	Akshay P Dhande	9403619463
6-5-2021 15:03:54	amarwamangophane@gmail.com	Amar Waman Gophane	7768895930
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6-5-2021 15:15:59	archana.rd47@gmail.com	Archana Rajendra Dhaygude	9561890217
6-5-2021 15:07:00	aabhandekar@pict.edu	Ashwin Bhandekar	9373223242
6-5-2021 15:05:31	atul_shire@jdiet.ac.in	Atul Nilkanth Shire	9923881518
6-5-2021 15:09:37	avi7kale@gmail.com	Avinash Dattatraya Kale	9604749603
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Day 6 Attendance

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6-5-2021 17:16:46	sunpreetkaurbedi@gmail.com	Sunpreet Kaur Nanda	9673429952
6-5-2021 15:24:24	suryakant.bhonge@gmail.com	Suryakant Purushottam Bhonge	9096015952
6-5-2021 15:11:58	suvarnabahir@gmail.com	suvarna abhimanyu bahir	9604746292
6-5-2021 15:03:21	tawareganesh8985@gmail.com	Taware Ganesh Gorakhnath	9890378858
6-5-2021 15:03:55	umeshhore@gmail.com	Umesh W Hore	08830618557
6-5-2021 15:03:32	umeshkaw@rediffmail.com	Umesh Wasudeorao Kaware	9763717414
6-5-2021 15:08:06	vaishalimate2@gmail.com	Vaishali mate	8830527155
6-5-2021 15:07:03	vaishnaviharne4321@gmail.com	Vaishnavi Dnyaneshwarrao Harne	7038632753
6-5-2021 15:04:10	vaishnavid518@gmail.com	Vaishnavi Sanjayrao Deshmukh	7719982415
6-5-2021 15:09:22	vishal.langote29@gmail.com	Vishal Babasaheb Langote	9096393293
6-5-2021 15:04:44	vpadole50@gmail.com	Vishal Padole	9766243610
6-5-2021 15:03:14	yogita.awate@gmail.com	Yogita Bhagat	9373457693

P. R. POTE (PATIL) GROUP OF EDUCATION & WELFARE TRUST'S
COLLEGE OF ENGINEERING & MANAGEMENT , AMRAVATI

Accredited with "Grade A" by NAAC Approved by AICTE, New Delhi and affiliated to Sant Gadge Baba Amravati University, Amravati (M. S.)

CERTIFICATE

This is to certify that

Dr. Rahul Dnyaneshwar Ghongade

From P R.POTE PATIL COLLEGE OF ENGINEERING AND MANAGEMENT

has attended a One Week Short-Term Training Program on **"Modern Tools for Electronic Circuit Design and Signal Processing Applications"** approved by Indian Society for Technical Education (ISTE), organized by **Department of Electronics & Telecommunication Engineering** during 01/06/2021 to 06/06/2021.

Certificate id: PRPCEM/EXTC/STTP118

Dr. R.D. Ghongade
Convenor

Dr. G.D. Dalvi
Convenor

Dr. A.V. Kale
Principal

P. R. Pote Patil Edu. & Welf. Trust's, Group of Institutions,
College of Engineering & Management, Amravati Institute Code : 1107
(Recognized by AICTE, New Delhi, Approved by Govt. of Maharashtra & Affiliated to SGBAU, Amravati)
NAAC

- Kathora Road, Amravati, Maharashtra, India
- Ph. No. : +91-721-2970110, Fax No. : +91-721-2530089, Email : prpotepatilcollege@gmail.com
- Web. : www.prpcem.org, www.prpatilcollege.org

Ref.

Date :

To,

Prof. A. R. Pawade,
Assistant Professor,
PRPCEM, Amravati.

Subject: Thanks for delivering a Session for Online Short-Term Training Program (STTP) on **"Modern Tools for Electronic Circuit Design and Signal Processing Applications"**

Dear Sir,

Department of Electronics & Telecommunication of PRPCOE&M organized one Week ISTE approved Short Term Training Program (STTP) on "Modern Tools for Electronic Circuit Design and Signal Processing Applications" from 01st June to 6th June 2021. In view of the same, for the appreciation and gratitude from the EXTC Deptt this letter is being issued for your valuable time and efforts for smooth conduction of the session. Your copperation has made this STTP a grand success. We would like to thank you for such a wonderful delivery and hope for new collaborations in future.

Schedule date of Session: 05/06/2021

Thank you.

Dr.G.D.Dalvi
STTP,Convener

07/06/21
Dr.R.D.Ghongade
STTP,Convener

Dr.A.V.Kale
PRPCE&M,Amravati

P. R. Pote (Patil)
College of Engineering & Management
Amravati.

Shri Gajanan Maharaj Prasanna

P. R. Pote Patil Edu. & Welf. Trust's, Group of Institutions,
College of Engineering & Management, Amravati Institute Code : 1107
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- Web. : www.prpcem.org, www.prpatilcollege.org

Ref. PRPCEM/STTP-2021/Thanking letter/ Date : 07.06.2021

To,

Mr. Shrikant Atkarne,
Technical Head,
SparttaSoft Technologies,
Pune.

Subject: Thanks for delivering a Session for Online Short-Term Training Program (STTP) on **"Modern Tools for Electronic Circuit Design and Signal Processing Applications"**

Dear Sir,

Department of Electronics & Telecommunication of PRPCOE&M organized one Week ISTE approved Short Term Training Program (STTP) on "Modern Tools for Electronic Circuit Design and Signal Processing Applications" from 01st June to 6th June 2021. In view of the same, for the appreciation and gratitude from the EXTC Deptt this letter is being issued for your valuable time and efforts for smooth conduction of the session. Your cooperation has made this STTP a grand success. We would like to thank you for such a wonderful delivery and hope for new collaborations in future.

Schedule date of Session: 03 & 04/06/2021

Thank you.

Dr.G.D.Dalvi
STTP,Convener

07/06/21
Dr.R.D.Ghongade
STTP,Convener

Dr.A.V.Kale
PRPCE&M,Amravati

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Shri Gajanan Maharaj Prasanna

P. R. Pote Patil Edu. & Welf. Trust's, Group of Institutions,
College of Engineering & Management, Amravati Institute Code : 1107
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- Web. : www.prpcem.org, www.prpatilcollege.org

Ref. PRPCEM/STTP-2021/Thankis letter

Date : 07.06.2021

To,

Mr.Vinay Sharma
Technical Director,
Ni-Logic Pvt.Ltd, Pune.

Subject: Thanks for delivering a Session for Online Short-Term Training Program (STTP) on **"Modern Tools for Electronic Circuit Design and Signal Processing Applications"**

Dear Sir,

Department of Electronics & Telecommunication of PRPCOE&M organized one Week ISTE approved Short Term Training Program (STTP) on "Modern Tools for Electronic Circuit Design and Signal Processing Applications" from 01st June to 6th June 2021. In view of the same, for the appreciation and gratitude from the EXTC Deptt this letter is being issued for your valuable time and efforts for smooth conduction of the session. Your cooperation has made this STTP a grand success. We would like to thank you for such a wonderful delivery and hope for new collaborations in future.

Schedule date of Session: 01/&02/06/2021

Thank you.

Dr.G.D.Dalvi
STTP,Convener

07/06/21
Dr.R.D.Ghongade
STTP,Convener

Dr.A.V.Kale
PRPCE&M,Amravati

Principal
P. R. Pote (Patil)
College of Engineering & Management
Amravati.

P. R. Pote Patil Edu. & Welf. Trust's, Group of Institutions,
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- Web. : www.prpcem.org, www.prpatilcollege.org

Ref. PRPCEM/STTP-2021/Thanks letter/ Date : 07.06.2021

To,

Prof. R. D. Sushir,
Assistant Professor,
PRPCEM, Amravati.

Subject: Thanks for delivering a Session for Online Short-Term Training Program (STTP) on **"Modern Tools for Electronic Circuit Design and Signal Processing Applications"**

Dear Sir,

Department of Electronics & Telecommunication of PRPCOE&M organized one Week ISTE approved Short Term Training Program (STTP) on "Modern Tools for Electronic Circuit Design and Signal Processing Applications" from 01st June to 6th June 2021. In view of the same, for the appreciation and gratitude from the EXTC Deptt this letter is being issued for your valuable time and efforts for smooth conduction of the session. Your cooperation has made this STTP a grand success. We would like to thank you for such a wonderful delivery and hope for new collaborations in future.

Schedule date of Session: 05/06/2021

Thank you.

Dr.G.D.Dalvi
STTP,Convener

Dr.R.D.Ghongade
STTP,Convener

Dr.A.V.Kale
PRPCE&M,Amravati

Principal
P. R. Pote (Patil)
College of Engineering & Management
Amravati.

One week online Short-Term Training Programme (Self-finance)

on

"Modern Tools for Electronic Circuit Design and Signal Processing Applications"

01st June to 6th June 2021

Expenditure Details

Sr.No.	Particulars	Amount (Rs.)
1	Day 1- Lecture (Honorarium- Speaker 1) Mr. Vinay Sharma,Technical Director, Ni Logic Pvt. Ltd., Pune	3000/-
2	Day 2- Lecture (Honorarium- Speaker 2) Mr. Vinay Sharma, Technical Director, Ni Logic Pvt. Ltd., Pune	3000/-
3	Day 3- Lecture (Honorarium- Speaker3) Mr. Shrikant Atkarne, Head, Technical, SparttaSoft Technologies, Pune.	3000/-
4	Day 4- Lecture (Honorarium- Speaker4) Mr. Shrikant Atkarne, Head, Technical, SparttaSoft Technologies, Pune.	3000/-
5	Day 5- Lecture (Internal faculty) Prof. R. D. Sushir,Assistant Professor, PRPCEM, Amravati	2000/-
6	Day 6- Lecture (Internal faculty) Prof. A. R. Pawade,Assistant Professor, PRPCEM, Amravati	2000/-
	Total Amount (Rs.)	**16,000/-**

Dr. G. D. Dalvi
Dean Academics

Dr. R. D. Ghongade
HoD, EXTC

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Report

On

Two Days Workshop on

"How To Learn Java Step By Step"

Organized on

24th April to 25th April 2021

Organized by

DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

P. R. Pote (Patil) Educational and Welfare Trust's, Group of Institutions,

College of Engineering and Management

P. R. Pote (Patil) Education and Welfare Trust's Group of Institution,

College of Engineering and Management, Amravati

Alumni Association

Session 2020-21

Details of Two Days Workshop on "How To Learn Java Step By Step"

Participants Attendance

Sr. No.	Name of Students	Date &Time of response to the Google Sheet Day: 1	Date &Time of response to the Google Sheet Day: 2
1	Ms. Ankita Eknath Honale	2021/04/24 5:37:28 pm GMT+5:30	2021/04/25 5:27:53 pm GMT+5:30
2	Ms. Ankita Ganesh Sabale	2021/04/245:27:04 pm GMT+5:30	2021/04/25 5:32:28 pm GMT+5:30
3	Ms. Asmita Arun Shendurkar	2021/04/245:39:46 pm GMT+5:30	2021/04/25 5:27:53 pm GMT+5:30
4	Ms. Gayatri Ramehrao Watane	2021/04/24 5:37:02 pm GMT+5:30	2021/04/25 5:36:39 pm GMT+5:30
5	Ms. Khushi Rajiv Sharma	2021/04/24 5:27:43 pm GMT+5:30	2021/04/25 5:31:56 pm GMT+5:30
6	Ms. Komal Surendra Nanote	2021/04/24 5:43:29 pm GMT+5:30	2021/04/25 5:28:37 pm GMT+5:30
7	Ms. Namrata Vilas Lanjewar	2021/04/24 5:29:53 pm GMT+5:30	2021/04/25 5:35:29 pm GMT+5:30
8	Ms. Neha Vilasrao Bihade	2021/04/24 5:27:12 pm GMT+5:30	2021/04/25 5:28:32 pm GMT+5:30
9	Ms. Nevedita Kale	2021/04/24 5:31:52 pm GMT+5:30	2021/04/25 5:36:53 pm GMT+5:30
10	Ms. Pallavi Rajkumar Damodare	2021/04/24 5:27:20 pm GMT+5:30	2021/04/25 5:31:24 pm GMT+5:30
11	Ms. Pranali Rameshrao Thakare	2021/04/24 5:32:49 pm GMT+5:30	2021/04/25 5:27:43 pm GMT+5:30
12	Ms. Pratiksha Bapurao Chawade	2021/04/24 5:38:59 pm GMT+5:30	2021/04/25 5:27:53 pm GMT+5:30
13	Ms. Richee Sanjeev Khaparde	2021/04/24 5:30:28 pm GMT+5:30	2021/04/25 5:32:28 pm GMT+5:30
14	Ms. Ridhima Purushottam Chandan	2021/04/24 5:32:15 pm GMT+5:30	2021/04/25 5:27:53 pm GMT+5:30
15	Ms. Sakshi Ashokrao Sherekar	2021/04/24 5:27:53 pm GMT+5:30	2021/04/25 5:36:39 pm GMT+5:30
16	Ms. Sakshi Rajendra Junghare	2021/04/24 5:32:28 pm GMT+5:30	2021/04/25 5:31:56 pm GMT+5:30
17	Ms. Sakshi Shrikant Madaghe	2021/04/24 5:27:53 pm GMT+5:30	2021/04/25 5:28:37 pm GMT+5:30

H.O.D. (EXTC Dept.)
P.R.Pote (Patil) College of Engg. & Management
Amravati

P. R. Pote (Patil) Education & Welfare Trust's, Group of Institutions,

College of Engineering & Management, Amravati

Certificate

This is to certify that

Mr. Dhanwant Kanoje

Attended Two days workshop on

"How To Learn JAVA Step By Step"

During 24th & 25th April 2021

Organized By

Department of Electronics and Telecommunication Engineering

Dr. R. D. Ghongade
Head of Department
Electronics & Telecommunication Engineering

H.O.D. (E&TC Dept.)
P.R.Pote (Patil) College of Engg. & Management
Amravati.

8 of 10
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EXTC 20-21/3.1.3

Report
On

One weekWorkshop on

"Insights of Electronic Circuits Behaviour through QUCS"

Organized on

17th March to 22nd March 2021

Organized by

P. R. Pote (Patil) Educational and Welfare Trust's, Group of Institutions,

College of Engineering and Management

&

DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

In Association With

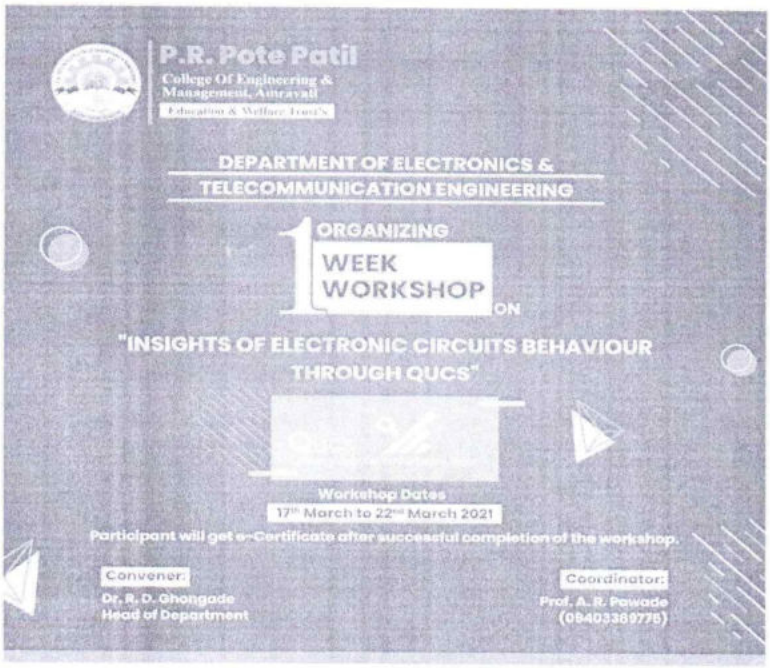
The Institution of Electronics and Telecommunication Engineers (IETE)

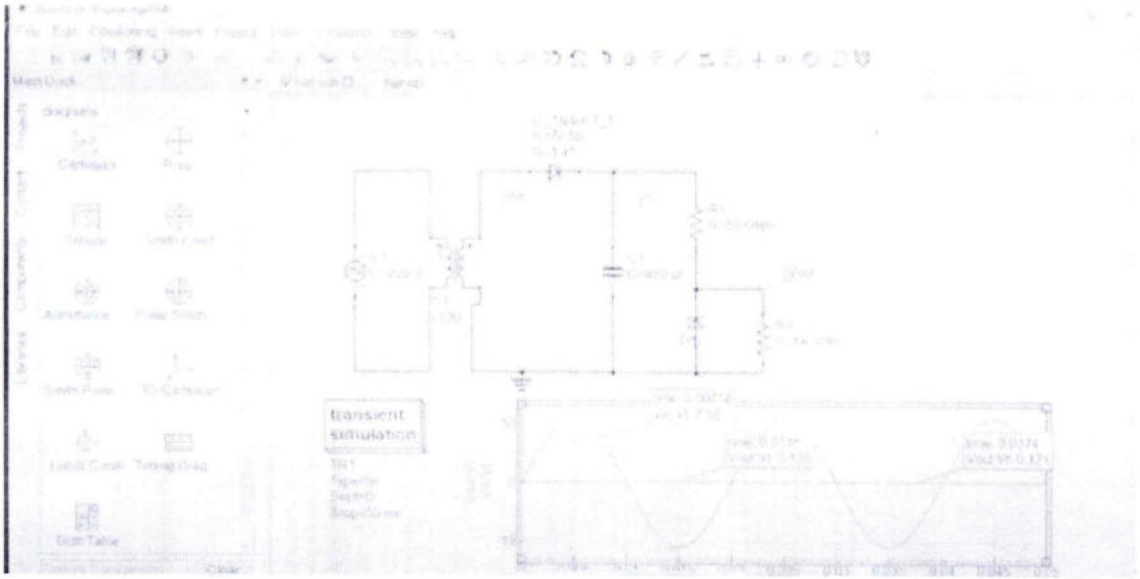
H.O.D. (EXTC Dept.)
...R. Pote (Patil) College of Engg. & Management
Amravati.

Convener: Dr. R.D. Ghongade (HOD EXTC Dept.)

Coordinator &Resource persons:Prof. Aniket. R. Pawade

Photographs:





H.O.D. (EXTC Dept.)
P.R.Pote (Patil) College of Engg. & Management
Amravati.

Sr. No	Name
1	Aniket R. Pawade
2	Shivam Satish Pakade
3	Pratik Sahebrao Aswar
4	Karan Dilipsingh Chavhan
5	Sanskruti Pradiprao Tarhekar
6	Namrata vilas lanjewar
7	Richee Sanjeev Khaparde
8	Gayatri Rameshrao watane
9	Shravan Sunil Thakare
10	Ankita Ganesh Sable
11	Nivedita N kale
12	Sakshi Shrikant Madaghe
13	Samruddhi Diwakar kharbade
14	Aashutosh Mulankar
15	Rutik Nandkishorrao Kurhade
16	Samruddhi Vinod Jawanjal
17	Yash Tayade
18	Sanket Vijayrao Nipane
19	SAKSHI RAJENDRA JUNGHARE
20	Tejal Avinash Bokad
21	Ridhima Purushottam Chandan
22	Tejas Chaukhande
23	Sakshi Ashokrao Sherekar
24	Sejal sanjay bijwe
25	Nyuraj Janrao Ramteke
26	Rutik Ravindra Dakre
27	Komal Surendra Nanote
28	Ankita Eknath Honale
29	Sharayu Vinay Suryakar
30	Saurabh Pramod Kale
31	Asmita Arun Shendurkar
32	Khushi Rajiv Sharma
33	Shreya Laxman Supekar
34	Mohd Atif Umair
35	Tejas Ashokrao Randhe
36	Pranali Rameshrao Thakare
37	Pratiksha Bapurao chawade
38	Neha Vilasrao Bihade
39	Vaidehi Rajesh Mahalle
40	Vaibhavi Gajanan Deshmukh
41	Suyog Arunrao Chandurkar
42	Shantanu. Pradip taywade
43	SHUBHAM RAJU PARISE

H.O.D. (EXTC Dept.)
P.R.Pote (Patil) College of Engg. & Management
Amravati.

P. R. Pote (Patil) Education & Welfare Trust's, Group of Institutions,

College of Engineering & Management, Amravati

Certificate

This is to certify that

Mr. Dhanwant Kanoje

Attended One Week workshop on

"Insights of Electronic Circuits Behaviour through QUCS"

During 17th & 22nd March 2021

Organized By

Department of Electronics and Telecommunication Engineering

Dr. R. D. Ghongade
Head of Department
Electronics & Telecommunication Engineering

H.O.D. (EXTC Dept.)
P.R.Pote (Patil) College of Engg. & Management
Amravati.

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ISTE Approved

Online STTP on

"Structural Health Monitoring & Retrofitting Rehabilitations of Structures"

(From: 10/05/2021 to 15/05/2021)

Organized BY

Department of Civil Engineering

P. R. Pote (Patil) College of Engineering & Management, Amravati

List of Documents

1. Covering Letter
2. Program Proposal
3. Program Sanction Letter by statutory bodies
4. Budget estimation for the Program
5. Schedule of Program
6. Details of organizing committee
7. Details of guest speaker / trainers
8. Invitation letter to guest speaker
9. List of participants registered for the program
10. Session summary report
11. Session feedback and outcomes
12. Resource details
13. Sample certificates
14. Thanks letter to guest speaker / Appreciation letter
15. Expenditure details
16. Publicity details – cutouts of newspaper if any

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To,

05-04-2021

The Principal,

P.R.Pote Patil CoE & Management,Amravati

Subject: Sanctioning the Proposal & requisite amount for Short-Term Training Programmes (**STTPS**) (Self-Financed) at Department of Civil Engineering.

Respected Sir,

With reference to the above subject, I Mr.Nilesh P.Bhopale, assistant professor, Department of Civil Engineering requesting to kindly sanction the ISTE self financed proposal of Short-Term Training Programmes (**STTPS**) and also sanction the amount of 1180/- (Rs one thousand one hundred & eighty only) that to be deposited in ISTE account. Kindly do the needful.

Thanking You.

Encl: Proposal Short-Term Training Programmes (**STTPS**) (Self-Financed)

Yours Sincerely,

N.P.Bhopale

Rs 1180/- Sanctioned
6/4/21

INDIAN SOCIETY FOR TECHNICAL EDUCATION

FOUNDED 1968

SHORT-TERM TRAINING PROGRAMMES (STTPS)
(Self-Financed)

PROFORMA FOR SENDING PROPOSALS

(For Chapters of Indian Society for Technical Education)

Note: Before filling up the Proforma, please read carefully the rules and conditions
(To be filled in by Coordinator)

1	Name and Address of Host Institution with Pin code	**Address:**P. R. Pote (Patil) Education & Welfare Trust's Group of Institutions College of Engg. & Management, Amravati, Maharashtra State Pin Code : Phone: 0721-2530342 Fax : 072102530341 Email:principal@prpcem.org, prpotepatilcollege@gmail.com	
2	Title of the Programme (This should convey the content & main thrust of the programme) (in Capital Letters, please)	**Online STTP on "STRUCTURAL HEALTH MONITORING & RETROFITTING, REHABILITATIONS OF STRUCTURES"**	
3	The Programme is intended for (Tick one only)	☐√ Teachers ☐ Working Professionals ☐ Others (specify) (Research Scholars)	
4	Name, Designation and Address of the Course Coordinator(s) (One Coordinator preferred. More than two not permissible)	**Dr. Mohammad Zuhair**, Associate Professor, Department of Civil Engg., P. R. Pote (Patil) College of Engg., & Mgmt., Amravati	**Dr. Sachin S. Saraf,** AssistantProfessor, Department of Civil. Engg., P. R. Pote (Patil) College of Engg., & Mgmt., Amravati
	Telephone, Mobile & Email of the Coordinator(s)	+919823962311 zuhairgcoe@gmail.com	+919822565805 sachinsaraf2014@gmail.com
	Highest Qualification of Coordinator(s)	Ph.D. Structural Engg.(Civil Engineering)	Ph.D. Geotechnical Engg.(Civil Engineering)

<table>
<tr><td>1</td><td>Significance & Objectives of the programme (list one or two major objectives)</td><td colspan="2">This STTP addresses the need to ensure the structural reliability and performance throughout the life of the structure,structural health monitoring systems were developed. Structural Health Monitoring (SHM) is the process of implementing a damage detection and characterization strategy for engineering structures. The deterioration of structure may be due to various factors such as change in loading conditions or change in environmentalconditions.Retrofitting is the process of strengthening of structure along with the structural system, if required so as to comply all relevant codal provisions in force during that period.Millions of houses are required to be retrofitted in the coming years in order to improve their energy efficiency, reduction of greenhouse gases, better air quality which all leads to good health and a better environment.Rehabilitation is an upgrade required to meet the present needs or the process of repairing or modifying a structure to a desired useful condition
Main objective of this STTP is to educate and make aware the young as well as faculty members on the technologies of retrofitting and rehabilitation.

Objectives of STTP
• To familiarize the faculty on the concept of technologies in retrofitting and rehabilitation.
• To discuss various methods and need, of retrofitting and rehabilitation
• To familiarize the faculty on the concept of structural health monitoring.
• To discuss various methods of structural health monitoring</td></tr>
<tr><td>2</td><td>Course Content/Coverage (List 5 to 8 major topics with proposed duration of coverage in hours for each topic)</td><td>Topics
1. Basics of retrofitting and rehabilitation
2. Methods of retrofitting and rehabilitation
3. Case studies of retrofitting and rehabilitation
4. Basics of structural health monitoring.
5. Assessment of structural health condition
6. Methods & result analysis of structural health monitoring.</td><td>Duration
3 Hrs.
3 Hrs.
3 Hrs.
3 Hrs.
3 Hrs.
3 Hrs.</td></tr>
<tr><td>3</td><td>Course Schedule</td><td colspan="2">Total working days = 5 days
Lecture = 18 hrs.
Laboratory/Practical = hrs.
Industrial/Field Visits = hrs.
Others (specify) (IoT Training) =hrs.
Total hours engaged = 18hrs.</td></tr>
<tr><td>4</td><td>Details of special equipment or laboratory facilities available for the course</td><td colspan="2">Online Zoom platform</td></tr>
</table>

I agree to provide all necessary assistance and facilities of the institute for the conduct of the above programme.

Place: Amravati

Date: 08/04/2021

Signature of ~~Principal~~/Director with Name
(Dr. A.V.Kale)

बैंक ऑफ महाराष्ट्र
Bank of Maharashtra
(A Government of India Undertaking)

Branch : Kathora Bu.

Mahabank NEFT/RTGS Funds Transfer Application Form

Acknowledgement Date : 06/04/2021

Received From : Prin. P.R. Pote Patil Coll

A/clMo : 60106653012

A/cType : Current

Amount Rs. : 1180/-

Charges Rs. :

Total Rs. : 1180/-

Amount in words : One Thousand One Hundred Eighty

Details of NEFT/RTGS on centre & Beneficiary as under:

1. Beneficiary Name : ISTE membership Fee
2. Bank Name : Indian Bank
3. Branch Name : Mehrauli Road, New Delhi
4. Account Type & No : 670724761 4
5. IFSC No : IDIB000M089
6. City : New Delhi
7. Other Information :

Mobile No. 9637643505

I confirm that beneficiary's account No. 670724761 4 .....is correct

बैंक ऑफ महाराष्ट्र अमरावती
06 APR 2021
TRANSFER

Branch Seal & Sign

Applicant's Signature

P R Pote (Patil)

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भारतीय तकनीकी शिक्षा संस्था
INDIAN SOCIETY FOR TECHNICAL DUCATION

(Under the Societies' Registration Act XXI of 1860)

Prof. Vaidya Vijay Dattatray
Executive Secretary

ISTE/Proceedings/Online STTP-SF-MAH-003/2021-22 April 08, 2021

Proceedings of Executive Secretary, ISTE

Sub. : Sanction to conduct full time Short-term Training Programme on Self-financing basis for the financial year 2021-2022.

Sanction is hereby accorded to the following institution for the conduct of the Online/SF-STTP/FDP programme indicated below:

Name of Institution	:	P.R. Pote (Patil) Education & Welfare Trust's Group of Institutions College of Engg. & Mgt. Amravati – 444 203
Topic	:	Structural Health Monitoring & Retrofitting Rehabilitations of Structures
Name & Address of Coordinators	:	Dr. Mohammad Zuhair Dr. Sachin S. Saraf Prof. Asst. Prof.
Duration	:	One Week (Minimum 05 Working Days)
Proposed dates	:	10-05-2021 to 15-05-2021

Terms and Conditions

The institution offering the Programmes should be approved by AICTE and must be Institutional Member of ISTE. Institutions having ISTE Faculty Chapter and Students Chapter shall be preferred. There will be no financial commitment on the part of ISTE on account of this programme. The fee of one **proposal is Rs. 1180/- (Incl. 18% GST)** paid by DD in favour of ISTE New Delhi along with proposal or by NEFT/RTGS in the following ISTE Account **(Name of Account: ISTE Membership Fee, Account No: 6707247614 Bank: Indian Bank IFSC Code: IDIB000M089 Branch: Mehrauli Road New Delhi).**

1 This will be a online program of the duration of 1 week/2 weeks/4 weeks.

2 The registration fee of the participants may be fixed by the host institution.

3 ISTE Life membership is necessary for participants to attend SF programmes. However, If any participant is not having life membership he/she may take the membership of ISTE before the starting of the course and apply by paying the fee to the course coordinator at the spot before the commencement of the programme. The Life Membership fee is Rs. 3540/- (Incl. 18% GST) to be paid by DD in favour of ISTE New Delhi or by NEFT/RTGS as per above Account details.

--/-2

4 The final report as mentioned in these guidelines is to be submitted online to ISTE within 15 days after completion of the Programme.

5 The institute should ensure that the Resource Persons should be well known personalities having thorough knowledge and he/she should be from an Institute or Industry.

6 **Since it is an Online program, e-Certificate to ISTE Life Members will be issued by ISTE from this office. Operational and processing fee of Rs. 100 +18% GST (Total Rs. 118/-) will be charged per participant. Institute conducting the program will collect the fee from participants and will send it to ISTE by DD or NEFT/RTGS with list of participants with their ISTE Life Membership Number. Institute conducting on line program will not issue Certificates with ISTE logo to Participants. Course coordinator is requested to ensure the same and attach payment proof or UTR number.**

7 **At least one test at the end is to be conducted to judge the performance of participants. Institute can conduct more test, if they desire. Attendance and successful completion of Test conducted is mandatory to receive certification by ISTE. Co Ordinator should ensure this while submitting list of participants to ISTE.**

8 **The Digital e-certificates to eligible participants will be sent by ISTE Delhi through organizing Institute.** The certificate contains the ISTE logo at the top . The digitally signed e-certificates will bear the Signatures of Executive Secretary, ISTE.

9 Above terms and conditions are applicable to Online Programs only.

Executive Secretary

To,

The Principal
P.R. Pote (Patil) Education & Welfare Trust's
Group of Institutions College of Engineering & Management
Amravati – 444 203
Maharashtra State

Copy to:

Dr. Mohammad Zuhair
Coordinator
P.R. Pote (Patil) Education & Welfare Trust's
Group of Institutions College of Engineering & Management
Amravati – 444 203
Maharashtra State

Date:-10.04.2021

To,

The Principal

P. R. Pote (Patil) College of Engineering & Management, Amravati

Subject: - Regarding approval of STTP budget

Respected Sir,

We the department of Civil Engineering, PRPCEM are planning for STTP on Structural Health Monitoring & Retrofitting Rehabilitations of Structures from 10/05/2021 to 15/05/2021. Approximate budget for the STTP is Rs.18,200/-(Eighteen thousand one hundred and eighty. The details are as given below. Hereby requesting you to kindly sanction the same.Thanking you.

Sr. No.	Particulars	Approximate Expenditure (Amount in Rs)
1	ISTE Sponsorship Fees	1200/-
2	Resource Person Remuneration External Resource Person (5x3000=15,000) Internal Resource Person (1x2000=2,000)	17,000/-
	Total Approximate Expenditure (Amount in Rs)	18,200/-

Dr. S. S. Saraf
STTP Convener

360

P. R. Pote (Patil) College of Engineering & Management, Amravati

Department of Civil Engineering

ISTE Approved

Online STTP on

"Structural Health Monitoring & Retrofitting Rehabilitations of Structures"

(From: 10/05/2021 to 15/05/2021)

Programme Conduction Schedule

Time: 4.00 PM

Sr.No.	TOPIC	Date	Name of Resource Person
1	Importance of Building Cracks in Structural Health Monitoring	10/05/2021 Monday (Day-01)	Dr. M. B. Kumthekar, Professor & HOD (Civil), GCoE. Karad
2	Seismic Retrofitting-A Case Study	11/05/2021 Tuesday (Day-02)	Dr. Ratnesh Kumar, Associate Professor, VNIT Nagpur
3	Structural Health Monitoring using EMI Technique	12/05/2021 Wednesday (Day-03)	Dr. S. N. Khante Associate Professor, GCoE. Amravati
4	Retrofitting- Case Studies	13/05/2021 Thursday (Day-04)	Dr. P. S. Pajgade Professor & HOD(Civil), PRMITR Badnera
5	Rehabilitation of Foundation-A Geotechnical Approach	14/05/2021 Friday (Day-05)	Dr. S. S. Saraf Assistant Professor & HOD(Civil), PRPPCE&M Amravati
6	Introduction to Non Destructive Testing of Civil Structures	15/05/2021 Saturday (Day-06)	Mr. Ravi Ranade Managing Director, Construction Diagnostic Centre, Pvt. Ltd. Pune

Dr. S. S. Saraf
STTP Convener

Dr. Mohammad Zuhair
STTP Convener

P R POTE PATIL COLLEGE OF ENGINEERING & MANAGEMENT AMRAVATI

DEPARTMENT OF CIVIL ENGINEERING

STTP ON

"STRUCTURAL HEALTH MONITORING, REHABILITATION & RETROFITTING OF STRUCTURES"

Date: 10th May to 15th May 2021

DETAILS OF ORGANIZING COMMITTEE

30.04.2021

Sr.No	Name of Faculty	Particulars	Remark
1	Prof.N.P.Bhopale, Prof.A.K.Chitkeshwar, Prov.S.V.Dhoke, Prof.M.A.Rehman	Program Conduction	
2	Prof.S.V.Pawar	Arrangement of daily Slots on college Zoom, Preparation and convey of Daily Whatsapp Message	
3	Prof.P.Gandhak	Leaflet Preparation	
4	Prof.C.S.Bidwaik	Registration on Google Form & related details	
5	Prof.V.R.Mahalle	Certificates preparation & Distribution	
6	Prof.V.S.Umap	Feedback from participants through Google Form	
7	Prof.M.S.Dehmukh	Feedback from participants through Google Form	
8	Prof.N.A.Gadge	STTP Report for submission to ISTE	

STTP Coordinator
Dr. S.S. Saraf

STTP Coordinator
Dr. Mohammad Zuhair

ISTE Approved Self Sponsored STTP On
"STRUCTURAL HEALTH MONITORING & RETROFITTING REHABILITATION OF STRUCTURES"
10th May -15th May 2021
P. R. Pote (Patil) Education & Welfare Trust's
College of Engineering & Management, Amravati

The Short-Term Training Program on "Structural Health Monitoring & Retrofitting Rehabilitation of Structures" had been successfully organized by Department of Civil Engineering, of P. R. Pote (Patil) Education & Welfare Trust's College of Engineering & Management, Amravati from 10th May-15th May 2021.

- The world is progressing day by day, and we are getting more and more modernized every day which demands a lot of changes from some previous conventional techniques that were followed.
- Rapid changes in working life, society and information technology have increased the demands for experts in every field. Today the need for expert professionals is raising day by day who are expected to have good knowledge, excellent social and communication skills and who are able to utilize their skills in a positive way in life.
- As we all know today's scenario, we all are facing problems of COVID19 during these days, & we all are in lockdown in our home during this situation.
- As a result, The Department of Civil Engineering, P.R. Pote Patil College of Engineering & Management, Amravati has organized ISTE approved online STTP on **"Structural Health Monitoring & Retrofitting Rehabilitation of Structures"** during lockdown period dated 10th to 15th May 2021 to enhance the practical knowledge, to collect the knowledge about structural health, collect the large amount information at home itself which is very beneficial.

- The objective of this short term training programme is
  - To focus on the forefront area of structural engineering i.e. structural health monitoring, retrofitting and rehabilitation of structures.
  - Use of smart material changes the perspective of structural health monitoring which uses sensors monitoring system.
  - The buildings damaged due to earthquake may be of smaller or moderate magnitude can be reused if retrofitting methods can be used.

P. R. Pote (Patil) College of Engineering & Management, Amravati
ISTE approved
Online STTP on "Structural Health Monitoring & Retrofitting Rehabilitation of Structures"
(From: 10/05/2021 To 15/05/2021)

Day Wise Links

Day 01 - Link

P. R. Pote Patil Group Amravati is inviting you to a scheduled Zoom meeting.

For: ISTE approved STTP on Structural Health Monitoring & Retrofitting Rehabilitation of Structures

Day 01: Resource Person
Dr. M. B. Kumthekar, Professor & HOD (Civil), GCoE, Karad.

Topic: Importance of Cracks in Building in Structural Health Monitoring

Date: 10th May, 2021
Time: 3:30 PM

Join Zoom Meeting
https://us02web.zoom.us/j/87820375583?pwd=MTdlQlRUM1NSc1d0MjBMQlhxMzllZz09
Meeting ID: 878 2037 5583
Passcode: 760347

Day 02 - Link

P. R. Pote Patil Group Amravati is inviting you to a scheduled Zoom meeting.

For: ISTE approved STTP on Structural Health Monitoring & Retrofitting Rehabilitation of Structures

Day 02: Resource Person
Dr. Ratnesh Kumar, Associate Professor,VNIT, Nagpur.

Topic: Seismic Retrofitting-A Case Study

Date: 11th May, 2021

Time: 3:30 PM

Join Zoom Meeting
https://us02web.zoom.us/j/86073062472?pwd=R3Z2NFY2Z2dPRC9UVFAwdENLR2t4Zz09

Day 5 - Link

P. R. Pote Patil Group Amravati is inviting you to a scheduled Zoom meeting.

For: ISTE approved STTP on Structural Health Monitoring & Retrofitting Rehabilitation of Structures

Day 05: Resource Person
Dr. S. S. Saraf, Assistant Professor & HOD (Civil), PRPCE&M, Amravati.

Topic: Rehabilitation of Foundation- A Geotechnical Approach

Date: 14th May, 2021

Time: 3:30 PM

Join Zoom Meeting

https://us02web.zoom.us/j/82479804318?pwd=SFNqNXRmdVp4V1U1UzA0dHdjRlJYQT09

Meeting ID: 824 7980 4318
Passcode: 449903

Day 6 - Link

P. R. Pote Patil Group Amravati is inviting you to a scheduled Zoom meeting.

For: ISTE approved STTP on Structural Health Monitoring & Retrofitting Rehabilitation of Structures

Day 06: Resource Person
Mr. Ravi Ranade, Managing Director, Construction Diagnostic Centre, Pvt. Ltd. Pune

Topic: Introduction to Non Destructive Testing of Civil Structures

Date: 15th May, 2021

Time: 3:30 PM

Join Zoom Meeting

https://us02web.zoom.us/j/84529406837?pwd=KytJYlhNQVNvTUFjUXZJVFQxUEJWUT09

Meeting ID: 845 2940 6837
Passcode : 179055

13	Giridhari Chandrabansi	Unity Multicon Solapur	LM-82145	gbchandrabansi@gmail.com	8623906122
14	Shrikant Ramkrishna Bhuskade	Prof.Ram Meghe Institute Of Technology & Research, Badnera	LM98467	shrikantjuly22@gmail.com	8087623713
15	Dr. Mohammed Nadeem Qureshi	Government Polytechnic Yavatmal	LM40924	nadeem.kureshi2020@gmail.com	8668410411
16	Lilesh P. Sakharwade	Government Polytechnic Sakoli.	LM 131712	sakharwade.lilesh@gmail.com	9923255355
17	Rafat Ali Vilayat Ali	Government Polytechnic Arvi	LM 107339	rafatali088@gmail.com	9422158228
18	Prof Vinod Appa Choudhari	MAEER's MIT College Of Railway Engineering & Research, Barshi	LM83488	vachoudhari19@gmail.com	9921048610
19	Dr Dhananjay K Parbat	Government Polytechnic Bramhapuri	LM09763	parbatdk@gmail.com	9422126000
20	Surekha Shivajirao Patil	Rmdssoe	LM118280	ksurekh@gmail.com	9923341877
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23	Prof. Bhanudas G. Abhale	Sandip Polytechnic, Nashik	LM104384	abhayabhale05@gmail.com	9423042624
24	Dr. Vijay V. Muthekar	MIT Academy Of Engineering, Alandi, Pune.	LM-103725	vijay.muthekar@mitaoe.ac.in	9850391114
25	Jyoti Chhagan Bhong	Vpkbiet, Baramati	LM 210620	jyoti.bhong@vpkbiet.org	9146939217
26	B. T. Dolas	Government Polyyechnic, Yavatmal	LM8151	bhaskardolas@yahoo.com	8275325477
27	Syed Sabihuddin	Prof Ram Meghe College Of Engineering And Management Badnera	LM103412	syed_sabihuddin@rediffmail.com	9823184968
28	Dr M V Mohod	Prmit&R, Badnera	LM85258	mvmohod@gmail.com	9975538284
29	Rajesh Tryambakrao Aghao	Government Polytechanics Aurangabad	LM20854	rajesh18368@gmail.com	9326146501

Program Details

Day 1

Session I : Inaugural function

Inaugural function of the STTP was conducted on 10th May 2021 at 04.00 pm by the hands of Dr. S. A. Ladhake, Director, P. R. Pote (Patil) Education & Welfare Trust's Group of Educational Institutions, Amravati, Dr. A. V. Kale, Principal, PRPCE & M, Amravati. All the faculties were present on this occasion.

The ceremony started with a welcome of chief guest. Later chief guest officially inaugurated the program with keynote. The STTP Convener Dr. Mohammad Zuhair, Vice-Principal , PRPCE & M, Amravati explained the necessity of arranging the STTP and its features.

Webinar 1 : Importance of Cracks in Building in Structural Health Monitoring

This session was delivered by Dr.M.B.Kumthekar, HOD, Dept. of Civil Engineering. GCOE Karad. Sir explained the significance of cracks in building, principle causes of cracks in building. Also states that 90% of cracks are harmless but though it damages the appearance of structure.

Dr. M. B. Kumthekar also explained the need of structural audit to check weather building is safe or not to reside, like we get checked up regularaly from Doctor to know whether we are fit enough or not.

Webinar 2 : Seismic Retrofitting – A Case Study

This session was conducted by Dr, Ratnesh Kumar, Asso. Professor, Dept. of Civil Engineering VNIT, Nagpur. Sir explained Goals of retrofitting, various strategies of retrofitting to be adopted at different conditions with case studies. He also elaborated the standards of Retrofitting.

Webinar 3 : Structural Health Monitoring Using EMI Technique

This session was conducted by Dr, S.N.Khante, Asso. Professor, Dept. of Civil Engineering. GCOE, Amravati. Sir explained the importance of structural Health Monitoring , He also explain a key aspect of EMI method i.e. the use of PZT patches as collocated sensors and actuators, to apply PZT as an actuator-sensor simultaneously, a PZT patch bonded to a structure is driven by a fixed alternating electric field. He also highlights the need of monitoring the infrastructures.

Webinar 4 : Seismic Retrofitting of Building Structures

This session was conducted by Dr, P.S.Pajgade, HOD, Dept. of Civil Engineering, PRMIT&R, and Badnera. Sir explained the various terms such as Repair, Restoration, Strengthening & retrofitting. He also covered the Methodology of Retrofitting with local case studies along with the analysis of the structures.

Webinar 5 : Rehabilitation of Foundation – A Geotechnical Approach

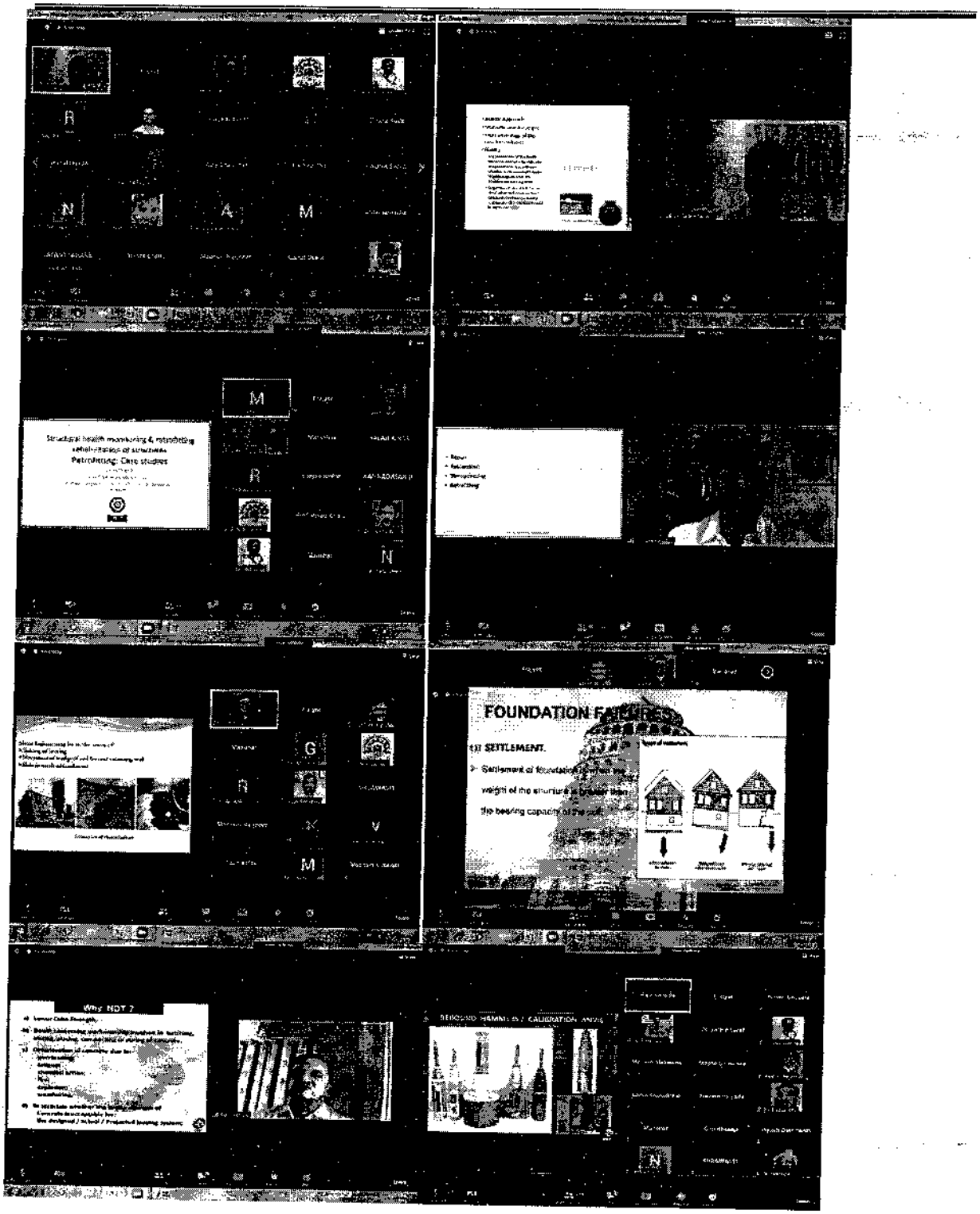
This session was conducted by Dr. S. S. Saraf, HOD, Dept. of Civil Engineering., PRPCE&M, Amravati, enlighten on Foundation & its requirements, Different courses of foundation failure.

Sir explained various Foundation Rehabilitation Techniques like concrete jacketing, Underpinning, push pier system, Mud jacking etc.

Webinar 6: Introduction to Non Destructive Testing of Civil Structures

This session was conducted by Mr. Ravi Ranade, Managing Director, Construction Diagnostic Centre, Pvt. Ltd. Pune. Sir explained why and how the NDT is essential for the Life span of the Civil Engineering Structures. He also enlighten in detail the various test under NDT.

ISTE Approved Self Sponsored STTP On
"STRUCTURAL HEALTH MONITORING & RETROFITTING REHABILITATION OF STRUCTURES"
10th May -15th May 2021
P. R. Pote (Patil) Education & Welfare Trust's
College of Engineering & Management, Amravati



Q 4) The Rehabilitation of structures may be required due to several reasons. Choose the correct reason.

Tensile effects
Environmental effects
Compressive effects
None of the above

Q. 5) Which type of inspection is more intensive involing examination of structural elements?

Reverse inspection
General inspection
Major inspection
Minor inspection

Q. 6) It is the process of restoring structure in good condition that is damaged or deteriorate or broken

Repairs
Rehabilitate
Tensioning
None of the above

Q. 7) An ultrasonic pulse velocity test is an

Ex-situ, nondestructive test
In-situ, nondestructive test
Ex-situ, destructive test
In-situ, destructive test

Q. 8) The strength and quality of concrete is assessed by measuring the ___ of an ultrasonic pulse

Length
Velocity
Weight
Surface Tension

Q. 9) The repair and rehabilitation of damaged or spalled concrete is done by removing the _____

Loose concrete
Collapsing
Breakage
Bonding

"Shri Gajanan Maharaj Prasanna"

P. R. Pote Patil Edu. & Welf. Trust's, Group of Institution
College of Engineering & Management, Amravati

Pote Estate, Pote Patil Road, Kathora, Amravati. (Maharashtra)

0721-2530342, 44, 2530089 Fax No.: 0721- 2530341 Email: prpotepatilcollege@gmail.com, website: www.prpatilcolleg e.org

(Recognized by AICTE, New Delhi & Affiliated to SGBAU, Amravati)

Ref.: PRPCOEM/ civil /Invitation /10/2021 Date: 02/05/202

To,
Dr.M.B.Kumthekar
Professor & HOD,
Department of Civil Engineering,
Government College of Engineering, Karad (Maharashtra)

Subject:- Invitation as a guest speaker for Short Term Training Programme on **"STRUCTURAL HEALTH MONITORING & RETROFITTING REHABILITATIONS OF STRUCTURES"** on **10.05.2021**

Respected Sir,

We are pleased to invite guest speaker in our Short Term Training Programme on (STTP) on **"STRUCTURAL HEALTH MONITORING & RETROFITTING REHABILITATIONS OF STRUCTURES"** on **10th May 2021.**

Your expertise and experience in this field of work will be an excellent addition to the STTP.Your guidance and presence itself is a honor for us and STTP participants.

It's our kind request to accept our invitation. We look forward to a positive response.

Thank you.

Dr. Mohd. Zuhair / Dr. S. S. Saraf

(Programme Convener)

Dr. A. V. Kale

Principal

(PRPCEM,Amravati)

370

"Shri Gajanan Maharaj Prasanna"

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Ref.: PRPCOEM/ PRPCOEM /civil/Invitation /12/2021 Date: 02/05/202

To,
Dr.S.N. Khante
Associate Professor,
Department of Civil Engineering,
Government College of Engineering, Amravati (Maharashtra)

Subject:- Invitation as a guest speaker for Short Term Training Programme on **"STRUCTURAL HEALTH MONITORING & RETROFITTING REHABILITATIONS OF STRUCTURES"** on **12.05.2021**

Respected Sir,

We are pleased to invite guest speaker in our Invitation as a guest speaker for Short Term Training Programme on (STTP) on **"STRUCTURAL HEALTH MONITORING & RETROFITTING REHABILITATIONS OF STRUCTURES"** on **12th May 2021.**

Your expertise and experience in this field of work will be an excellent addition to the STTP.Your guidance and presence itself is a honor for us and STTP participants.

It's our kind request to accept our invitation. We look forward to a positive response.

Thank you.

Dr. Mohd. Zuhair / Dr. S. S. Saraf

(Programme Convener)

Dr. A. V. Kale

Principal

(PRPCEM,Amravati)

371

"Shri Gajanan Maharaj Prasanna"

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Ref.: PRPCOEM/ civil / invitation /11/2021 Date:02/05/202

To,
Dr.Ratnesh Kumar
Associate Professor,
Department of Civil Engineering,
VNIT Nagpur, (Maharashtra)

Subject:- Invitation as a guest speaker for Short Term Training Programme on **"STRUCTURAL HEALTH MONITORING & RETROFITTING REHABILITATIONS OF STRUCTURES"** on **11.05.2021**

Respected Sir,

We are pleased to invite guest speaker in our Invitation as a guest speaker for Short Term Training Programme on (STTP) on **"STRUCTURAL HEALTH MONITORING & RETROFITTING REHABILITATIONS OF STRUCTURES"** on **11th May 2021.**

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It's our kind request to accept our invitation. We look forward to a positive response.

Thank you.

Dr. Mohd. Zuhair / Dr. S. S. Saraf

(Programme Convener)

Dr. A. V. Kale

Principal

(PRPCEM,Amravati)

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Ref.: PRPCOEM/ PRPCEOM /civil/Invitation /13/2021 Date: 02/05/202

To,
Dr.P.S.Pajgade
Professor & HOD,
Department of Civil Engineering,
PRMITR, Amravati (Maharashtra)

Subject:- Invitation as a guest speaker for Short Term Training Programme on **"STRUCTURAL HEALTH MONITORING & RETROFITTING REHABILITATIONS OF STRUCTURES"** on **13.05.2021**

Respected Sir,

We are pleased to invite guest speaker in our Invitation as a guest speaker for Short Term Training Programme on (STTP) on **"STRUCTURAL HEALTH MONITORING & RETROFITTING REHABILITATIONS OF STRUCTURES"** on **13th May 2021.**

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It's our kind request to accept our invitation. We look forward to a positive response.

Thank you.

Dr. Mohd. Zuhair / Dr. S. S. Saraf

(Programme Convener)

Dr. A. V. Kale

Principal

(PRPCEM,Amravati)

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Ref.: PRPCOEM/Civil /Invitation/14/2021 Date: 02/05/2021

To,
Dr. S.S. Saraf
Assistant Professor & HOD,
Department of Civil Engineering,
P.R.Pote (Patil) College of Engineering and Management, Amravati (Maharashtra)

Subject:- Invitation as a guest speaker for Short Term Training Programme on **"STRUCTURAL HEALTH MONITORING & RETROFITTING REHABILITATIONS OF STRUCTURES"** on **14.05.2021**

Respected Sir,

We are pleased to invite guest speaker in our Invitation as a guest speaker for Short Term Training Programme on (STTP) on **"STRUCTURAL HEALTH MONITORING & RETROFITTING REHABILITATIONS OF STRUCTURES"** on **14th May 2021.**

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It's our kind request to accept our invitation. We look forward to a positive response.

Thank you.

Dr. Mohd. Zuhair / Dr. S. S. Saraf

(Programme Convener)

Dr. A. V. Kale

Principal

(PRPCEM,Amravati)

574 "Shri Gajanan Maharaj Prasanna"

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(Recognized by AICTE, New Delhi & Affiliated to SGBAU, Amravati)

Ref.: PRPCOEM/Civil / Invitation /15/2021 Date: 02/05/202

To,
Mr. Ravi Ranade
Managing Director,
Construction Diagnostic Centre Pvt. Ltd. Pune, (Maharashtra)

Subject:- Invitation as a guest speaker for Short Term Training Programme on **"STRUCTURAL HEALTH MONITORING & RETROFITTING REHABILITATIONS OF STRUCTURES"** on **15.05.2021**

Respected Sir,

We are pleased to invite guest speaker in our Invitation as a guest speaker for Short Term Training Programme on (STTP) on **"STRUCTURAL HEALTH MONITORING & RETROFITTING REHABILITATIONS OF STRUCTURES"** on **15th May 2021.**

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Thank you.

Dr. Mohd. Zuhair / Dr. S. S. Saraf
(Programme Convener)

Dr. A. V. Kale
Principal
(PRPCEM,Amravati)

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P.R.P. Patil College Of Engineering And Management Amravati
One Week STTP On Structural Health Monitoring & Retrofitting Rehabilitation of Structures
Participants Fees Received Details For ISTE Certificate

Sr.No	Name of Participant	College Name	ISTE Membership Number	Email-Id	Contact Number	Fees Received	Remark
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5	Akshay Vijayrao Deshmukh	MGM'S Jawaharlal Nehru Engineering College Aurangabad	LM 128011	deshmukhakshay70@gmail.com	7709774996	118/-	
6	Amey Diliprao Deshmukh,	Goverment Polytechnic, Amravati,	LM115842,	ameydeshmukh4@gmail.com,	9422819240,	118/-	
7	PRADEEP PRAKASH TAPKIRE	NBN SINHGAD COLLEGE OF ENGINEERING, Solapur	LM 99497	pptapkir.nbnscoe@gmail.com	9767890517	118/-	
8	Mayur Arvind Jirapure	Jawaharlal Darda Institute of Engineering & Technology, Yavatmal	LM-90889	mj1enviro@gmail.com	9823688831	118/-	
9	Sneha Suresh Bhende	RMD Sinhgad School of Engineering Pune	LM 121607	bhende.sneha@gmail.com	9766380604	118/-	
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38	Dr. Mohammad Zuhair	P. R. Pote Patil College of Engg and management Amravati	LM77001	zuhairgcoe@gmail.com	9823962311	118/-	
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40	Swapnil Arun Deshmukh	Pankaj Laddhad Institute of Technology and Management Studies, Buldana	LM126067	swapnilarun973@gmail.com	9503699780	118/-	
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Indian Society for Technical Education

Shaheed Jeet Singh Marg New Delhi – 110 016

CERTIFICATE

This is to certify that Mr/Ms. **SUHAS VASANTRAO PAWAR** has successfully completed ISTE approved Online/SF-STTP/FDP Programme on "**Structural Health Monitoring & Retrofitting Rehabilitation of Structures**" held during **10.05.2021** to **15.05.2021** organized by **P.R.Pote Patil College Of Engineering And Management, Amravati, Maharashtra**

Online/P-2020/1612

Executive Secretary

P. R. POTE (PATIL) GROUP OF EDUCATION & WELFARE TRUST'S
COLLEGE OF ENGINEERING & MANAGEMENT, AMRAVATI

Accredited with "Grade A" by NAAC Approved by AICTE, New Delhi and affiliated to Sant Gadge Baba Amravati University, Amravati (M.S.)

CERTIFICATE

This is to certify that,

Aashish A Mehta

has attended One Week Online Short-Term Training Programme on **"STRUCTURAL HEALTH MONITORING & RETROFITTING, REHABILITATION OF STRUCTURE"** approved by Indian Society for Technical Education (ISTE), New Delhi during **10/05/2021 to 15/05/2021** Organised by **Department of Civil Engineering** at **P. R. Pote (Patil) College of Engineering & Management, Amravati.**

Dr. Mohd. Zuhair / Dr. S. S. Saraf	**Dr. A. V. Kale**	**Dr. S. A. Ladakhe**
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ISTE Sanction Order: ISTE/Proceedings/Online STTP-SF-MAH-003/2021-22 Dated April 8, 2021

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STTP Convener:
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About the Institution

P. R. Pote (Patil) Education & Welfare Trust's Group of Institutions, Amravati is a foremost name in higher Education in Maharashtra. The Group offers UG, PG and doctoral courses in various disciplines of Engineering, Management and Technology. Various courses offered by the Group include BE, ME, Ph.D, MBA, MCA, Polytechnic, B. Arch, B.Ed., B. Pharm., D. Pharm., B.Sc. (Agriculture) and CBSE Schooling. By the blessings of Shri Sant Gajanan Maharaj, we aim at developing a pursuit of knowledge in students, commitment to economic, social & cultural uplifting of masses. The Institute named PRPCE&M highly believes in nurturing ethics and moral values in students. The Institute has dedicated teaching staff, digital classrooms, Wifi campus, finishing school, Placement cell, state-of-art auditorium, well equipped laboratories, and digital library with quality infrastructure.

Our constant Endeavour is to provide gamut of opportunities for our students to make them skilled engineers, top class managers and also good citizens.

About the Department

The Department of Civil Engineering seeks to combine excellence & discipline in technical education. Developing students for intellectual skill & practical experience that enable them to serve a variety of societal needs, nurtured students to become best professional as project manager, structural designer in industry or become entrepreneur in their own innovative way. The department has a team of dynamic and experienced faculties, whose expertise spans the range of discipline in civil engineering stream, specially known for their excellent team coordination and very healthy work culture for our hard working students. The department is well equipped with latest software's and laboratory equipments. The Department of civil engineering believes in building carrier, enriching minds and provides a remarkable experience that lasts a lifetime.

Objectives of the STTP

The objective of this short term training programme is to focus on the forefront area of structural engineering i.e. structural health monitoring, retrofitting and rehabilitation of structures. The structures deteriorate over a time due to the impact of environmental conditions, excessive loading and improper maintenance. The smart material changes the perspective of structural health monitoring which uses sensors monitoring system. The buildings damaged due to earthquake may be of smaller or moderate magnitude can be reused if retrofitting methods can be used. Retrofitting may prove to be a good alternative rather completely demolishing the structure. Rehabilitation is used in somewhat difference with retrofitting.

ISTE Approved
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On

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Date: 10th May to 15th May 2021

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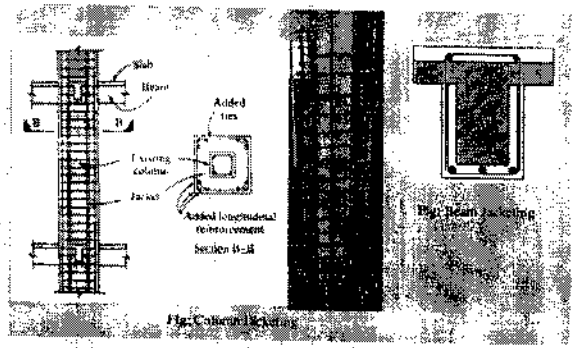

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Ref.: PRPCOEM/ civil / Appreciation/16.2021 Date: 16/05/202

To,
Dr.M.B.Kumthekar
Professor & HOD
Department of Civil Engineering,
Government College of Engineering, Karad (Maharashtra)

Subject:- Appreciation letter for guest speaker of STTP on **"STRUCTURAL HEALTH MONITORING & RETROFITTING REHABILITATIONS OF STRUCTURES"** on **10.05.2021**

Respected Sir,

The P.R.Pote (Patil) College of Engineering and Management, Amravati would like to thank you for taking a part as eminent resource person in our STTP on **"STRUCTURAL HEALTH MONITORING & RETROFITTING REHABILITATIONS OF STRUCTURES"** on **10.05.2021.**

Your talk on **Importance of Building Cracks in Structural Health Monitoring** was one of the interesting topic in STTP. It was an honor for PRPCEM, Amravati to have you as one of our expert resource speaker.

All the participants and faculty members appreciated and benefited from your views on the subject. We look forward to your participation in future events.

Once again thank you and we hope to see you soon.

Dr. Mohd. Zuhair / Dr. S. S. Saraf
(Programme Convener)

Dr. A. V. Kale
Principal
(PRPCEM,Amravati)

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Ref.: PRPCOEM/ civil / app. /18/ 2021 Date: 16/0

To,
Dr.S.N. Khante
Associate Professor,
Department of Civil Engineering,
Government College of Engineering, Amravati (Maharashtra)

Subject:- Appreciation letter for guest speaker of STTP on **"STRUCTURAL HEALTH MONITORING & RETROFITTING REHABILITATIONS OF STRUCTURES"** on **12.05.2021**

Respected Sir,

The P.R.Pote (Patil) College of Engineering and Management, Amravati would like to thank you for taking a part as eminent resource person in our STTP on **"STRUCTURAL HEALTH MONITORING & RETROFITTING REHABILITATIONS OF STRUCTURES"** on **12th May 2021**

Your talk on **Structural Health Monitoring Using EMI Technique** was one of the interesting topic in STTP. It was an honor for PRPCEM, Amravati to have you as one of our expert resource speaker.

All the participants and faculty members appreciated and benefited from your views on the subject. We look forward to your participation in future events.

Once again thank you and we hope to see you soon.

Dr. Mohd. Zuhair / Dr. S. S. Saraf
(Programme Convener)

Dr. A. V. Kale
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(PRPCEM,Amravati)

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Ref.: PRPCOEM/civil/ Appreciation/17/2021 Date: 16/

To,
Dr.Ratnesh Kumar
Associate Professor,
Department of Civil Engineering,
VNIT Nagpur, (Maharashtra)

Subject:- Appreciation letter for guest speaker of STTP on **"STRUCTURAL HEALTH MONITORING & RETROFITTING REHABILITATIONS OF STRUCTURES"** on **11.05.2021**

Respected Sir,

The P.R.Pote (Patil) College of Engineering and Management, Amravati would like to than you for taking a part as eminent resource person in our STTP on **"STRUCTURAL HEALTH MONITORING & RETROFITTING REHABILITATIONS OF STRUCTURES"** on **11th May 2021**.

Your talk on **Seismic Retrofitting – A Case Study** was one of the interesting topic in STTF It was an honor for PRPCEM, Amravati to have you as one of our expert resource speaker.

All the participants and faculty members appreciated and benefited from your views on the subject. We look forward to your participation in future events.

Once again thank you and we hope to see you soon.

Dr. Mohd. Zuhair / Dr. S. S. Saraf

(Programme Convener)

Dr. A. V. Kale

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Ref.: PRPCOEM/ civil / app. /19 / 2020-21 Date: 16/05/202

To,
Dr.P.S.Pajgade
Professor & HOD,
Department of Civil Engineering,
PRMITR, Amravati (Maharashtra)

Subject:- Appreciation letter for guest speaker of STTP on **"STRUCTURAL HEALTH MONITORING & RETROFITTING REHABILITATIONS OF STRUCTURES"** on **13.05.2021**

Respected Sir,

The P.R.Pote (Patil) College of Engineering and Management, Amravati would like to thank you for taking a part as eminent resource person in our STTP on **"STRUCTURAL HEALTH MONITORING & RETROFITTING REHABILITATIONS OF STRUCTURES"** on **13th May 2021**.

Your talk on **Retrofitting-Case Studies** was one of the interesting topic in STTP. It was an honor for PRPCEM, Amravati to have you as one of our expert resource speaker.

All the participants and faculty members appreciated and benefited from your views on the subject. We look forward to your participation in future events.

Once again thank you and we hope to see you soon.

Dr. Mohd. Zuhair / Dr. S. S. Saraf

(Programme Convener)

Dr. A. V. Kale

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Ref.: PRPCOEM/ civil /app./20 / 2021 Date: 16/05/202

To,
Dr. S.S. Saraf
Assistant Professor & HOD,
Department of Civil Engineering,
P.R.Pote (Patil) College of Engineering and Management, Amravati (Maharashtra)

Subject:- Appreciation letter for guest speaker of STTP on **"STRUCTURAL HEALTH MONITORING & RETROFITTING REHABILITATIONS OF STRUCTURES"** on **14.05.2021**

Respected Sir,

The P.R.Pote (Patil) College of Engineering and Management, Amravati would like to thank you for taking a part as eminent resource person in our STTP on **"STRUCTURAL HEALTH MONITORING & RETROFITTING REHABILITATIONS OF STRUCTURES"** on **14th May 2021**.

Your talk on **Rehabilitation of Foundation-A Geotechnical Approch** was one of the interesting topic in STTP.It was an honour for PRPCEM, Amravati to have you as one of our expert resource speaker.

All the participants and faculty members appreciated and benefited from your views on the subject. We look forward to your participation in future events.

Once again thank you and we hope to see you soon.

Dr. Mohd. Zuhair / Dr. S. S. Saraf
(Programme Convener)

Dr. A. V. Kale
Principal
(PRPCEM,Amravati)

"Shri Gajanan Maharaj Prasanna"

P. R. Pote Patil Edu. & Welf. Trust's, Group of Institution
College of Engineering & Management, Amravati

Pote Estate, Pote Patil Road, Kathora, Amravati. (Maharashtra)
0721-2530342, 44, 2530089 Fax No.: 0721- 2530341 Email: prpotepatilcollege@gmail.com, website: www.prpatilcollege.org
(Recognized by AICTE, New Delhi & Affiliated to SGBAU, Amravati)

Ref.: PRPCOEM/ civil /app./21/2021 Date: 16/05/202

To,
Mr. Ravi Ranade
Managing Director,
Construction Diagnostic Centre Pvt. Ltd. Pune, (Maharashtra)

Subject:- Appreciation letter for guest speaker of STTP on **"STRUCTURAL HEALTH MONITORING & RETROFITTING REHABILITATIONS OF STRUCTURES"** on **15.05.2021**

Respected Sir,

The P.R.Pote (Patil) College of Engineering and Management, Amravati would like to thank you for taking a part as eminent resource person in our STTP on **"STRUCTURAL HEALTH MONITORING & RETROFITTING REHABILITATIONS OF STRUCTURES"** on **15th May 2021.**

Your talk on **Introduction to Non Destructive Testing of Civil Structures** was one of the interesting topic in STTP.It was an honor for PRPCEM, Amravati to have you as one of our expert resource speaker.

All the participants and faculty members appreciated and benefited from your views on the subject. We look forward to your participation in future events.

Once again thank you and we hope to see you soon.

Dr. Mohd. Zuhair / Dr. S. S. Saraf
(Programme Convener)

Dr. A. V. Kale
Principal
(PRPCEM,Amravati)

Date: 27/05/2021

To,

The Principal,

P.R. Pote (Patil) College of Engineering and Management,

Amravati

Subject: Request for the issuing of remuneration of the guest speaker of STTP of Department of Civil Engineering

Respected Sir,

With reference to the above subject, the one week online short-term training programme on "Structural health monitoring, retrofitting and rehabilitation of structures" was organized by the Department of Civil Engineering from 10.05.2021 to 15.05.2021.The details of guest speaker honored the session are as below.

Sr. No.	Name of the Guest Speaker	Date of the session	Remuneration of the guest
1	Dr.M.B.Kumthekar,GCoE.Karad	10.05.2021	3000/-
2	Dr.Ratnesh Kumar,VNIT,Nagpur	11.05.2021	3000/-
3	Dr.S.N.Khante,GCoE Amravati	12.05.2021	3000/-
4	Dr.P.S.Pajgade,PRMITR Badnera	13.05.2021	3000/-
5	Dr.S.S.Saraf,PRPCE&M Amt	14.05.2021	2000/-
6	Mr.Ravi Ranade MD,Construction Diagnostic Pvt.Ltd.Pune	15.05.2021	3000/-
	Total (Rs. Seventeen thousand only)		**17,000/-**

Hereby requesting to kindly issue the remuneration amount of the STTP.

Thanking You.

Mr. N. P. Bhopale
Assistant Professor
Department of Civil
Engineering

Date: 27/05/2021

To,

The Principal,

P.R. Pote (Patil) College of Engineering and Management,

Amravati

Subject: Request for release of the Participants' ISTE Certificate Fee.

Respected Sir,

With reference to the above subject the one week online short-term training programme on "Structural health monitoring, retrofitting and rehabilitation of structures" was organized by the Department of Civil Engineering from 10.05.2021 to 15.05.2021. The participants who required ISTE Certificate have deposited the fee of total Rs. 5310/- (45 nos. @ Rs. 118/-) (Rs. five thousand three hundred & ten only) in the College Account. Hereby requesting to kindly sanction and release this total fee so as to deposit to the **ISTE, New Delhi.**

Thanking You.

Encl:

- List of Participants

Mr. N. P. Bhopale
Assistant Professor
Department of Civil
Engineering

P.R.Pote Patil College Of Engineering And Management,Amravati

One Week STTP On Structural Health Monitoring & Retrofitting Rehabilitation of Structures

Participants Fees Received Details For ISTE Certificate

Sr.No	Name of Participant	College Name	ISTE Membership Number	Email Id	Contact Number	Fees Received?	Remark
1	Mandar Madhukar Joshi	Pankaj Laddhad Institute of Technology Buldana	LM126066	mandarjoshi1608@gmail.com	9420563898	118/-	
2	Neelam W. Chorey	PRMIT&R, Badnera	LM 108159	chorey.neelam@gmail.com	9405426120	118/-	
3	JAYANT J. SAHARE	Government polytechnic Bramhapuri	LM 113155	jsahare1986@gmail.com	9404824309	118/-	
4	Avinash D.Jakate	Government Polytechnic Yavatmal	LM107337	avinash.jakate@gmail.com	9975614560	118/-	
5	Akshay Vijayrao Deshmukh	MGM'S Jawaharlal Nehru Engineering College Aurangabad	LM 128011	deshmukhakshay70@gmail.com	7709774996	118/-	
6	Amey Diliprao Deshmukh,	Goverment Polytechnic, Amravati,	LM115842,	ameydeshmukh4@gmail.com,	9422819240,	118/-	
7	PRADEEP PRAKASH TAPKIRE	NBN SINHGAD COLLEGE OF ENGINEERING, Solapur	LM 99497	pptapkir.nbnscoe@gmail.com	9767890517	118/-	
8	Mayur Arvind Jirapure	Jawaharlal Darda Institute of Engineering & Technology, Yavatmal	LM-90889	mj1enviro@gmail.com	9823688831	118/-	
9	Sneha Suresh Bhende	RMD Sinhgad School of Engineering Pune	LM 121607	bhende.sneha@gmail.com	9766380604	118/-	
10	Mr. Piyush Pandit Kadam	Guru Gobind Singh College of Engineering and Research Centre, Nashik	LM 106763	piyush.kadam@ggsf.edu.in	9422843885	118/-	
11	Dr. Vishvanath N. Kanthe	Guru Gobind Singh College of Engineering and Research Centre, Nashik	LM-70907	kanthevn@gmail.com	9822078923	118/-	
12	Swapnil Arun Deshmukh	Pankaj Laddhad Institute of Technology and Management	LM126067	swapnilarun973@gmail.com	9503699780	118/-	
13	Giridhari Chandrabansi	Unity Multicon Solapur	LM-82145	gbchandrabansi@gmail.com	8623806122	118/-	
14	Shrikant Ramkrishna Bhuskade	Prof.Ram Meghe Institute of Technology & Research, Badnera	LM98467	shrikantjuly22@gmail.com	8087623713	118/-	
15	Dr. Mohammed Nadeem Qureshi	Government Polytechnic Yavatmal	LM40924	nadeem.kureshi2020@gmail.com	8668410411	118/-	
16	Lilesh P. Sakharwade	Government Polytechnic Sakoli.	LM 131712	sakharwade.lilesh@gmail.com	9923255385	118/-	
17	RAFAT ALI VILAYAT ALI	GOVERNMENT POLYTECHNIC ARVI	LM 107339	rafatali088@gmail.com	9422168228	118/-	
18	Prof Vinod Appa Choudhari	MAEER's MIT College of Railway Engineering & Research, Barshi	LM83488	vachoudhari19@gmail.com	9921048610	118/-	
19	Dr Dhananjay K Parbat	Government Polytechnic Bramhapuri	LM09763	parbatdk@gmail.com	9422126000	118/-	
20	SUREKHA SHIVAJIRAO PATIL	RMDSSOE	LM118280	ksurekh@gmail.com	9923341877	118/-	
21	ASHISH RATANCHAND KONDEKAR	Sinhgad Institute of technology and science narhe pune	LM 130288	ashish.kondekar.sits@sinhgad.edu	9850170605	118/-	
22	Mahesh Maganlal Makwana	MIT World Peace University	LM 103729	mahesh.makwana@mitwpu.edu.in	8087387816	118/-	
23	Prof. Bhanudas G. Abhale	Sandip Polytechnic, Nashik	LM104384	abhayabhale05@gmail.com	9423042624	118/-	

P. R. Pote (Patil) College of Engineering & Management, Amravati

ISTE Approved

Online STTP

on

" Unleashing the Potential of Data Science for Engineers"

Organised by

Department of

Computer Science & Engineering

From: 07/06/2021 To 11/06/2021

List of Documents

1. Covering Letter
2. Program Proposal
3. Program sanctioned Letter by Statutory Bodies
4. Budget estimation for the Program
5. Schedule of Program
6. Details of organizing committee
7. Details of Guest Speakers /Trainers
8. Invitation letters to Guest Speaker
9. List of participants registered for the Program
10. Session Summary Report
11. Session feedback and outcomes
12. Resources details
13. Sample Certificates
14. Thanks letter to Guest Speaker / Appreciation Letter
15. Expenditure details
16. Publicity details - Cutouts of Newspapers if any

INDIAN SOCIETY FOR TECHNICAL EDUCATION

FOUNDED 1968

SHORT-TERM TRAINING PROGRAMMES (STTPS)

PROFORMA FOR SENDING PROPOSALS
(For Chapters of Indian Society for Technical Education)

Note: Before filling up the Proforma, please read carefully the rules and conditions
(To be filled in by Coordinator)

1.	**Name** and **Address** of Host Institution with Pin code	**Address:** P. R. Pote (Patil) Education & Welfare Trust's Group of Institutions College of Eng. & Management, Amravati, Maharashtra State **Pin Code:** **Phone:** 0721-2530342 **Fax :** 072102530341 **Email:** principal@prpcem.org, prpotepatilcollege@gmail.com	
2.	Title of the Program (This should convey the content & main thrust of the program.) (in Capital Letters, please)	**One-week Online STTP on "UNLEASHING THE POTENTIAL OF DATA SCIENCE FOR ENGINEERS".**	
3.	The Program is intended for (Tick one only)	☐ Teachers – Working Professionals ☐ Others (specify) P.G. Students	
4.	Name, Designation and Address of the Course Coordinator(s) (One Coordinator preferred. More than two not permissible)	**1) Prof.V. B.Bhagat** Assistant Professor Department of Computer Science & Engineering. P. R. Pote College of Engineering & Management, Amravati (M.S.)	**2) Prof. P.V. Kale** Assistant Professor Department of Computer Science & Engineering. P. R. Pote College of Engineering & Management, Amravati (M.S.)
-	Telephone, Mobile & Email of the Coordinator(s)	7028026875 matevaishali2@gmail.com	7507182697 prachivkale@gmail.com
-	Highest Qualification of Coordinator(s)	M.E., Ph.D. (Pursuing)	M.E., Ph.D. (Pursuing)
-	Area of Specialization	Data Structure & Big data	Database & Data Structures
-	Teaching Experience (years)	**12 years**	**11 years**

-	Industry Experience (years)	**1 year**	**2.3 Years**
-	Number of papers published	**11**	**09**
-	Number of Short-Term Courses of Summer/Winter Schools attended	**05**	**03**
-	Number of Short-Term Courses of Summer/Winter Schools conducted earlier	**2**	**Nil**
5.	Specialization area for which the proposal is made *(tick one only)*	☐ Civil ☐ Mechanical ☐ Electrical ☐ Electronics ☐ **Computer Science** ☐ Pharmacy ☐ Architecture ☐ Management ☐ Hotel Management	☐ Basic Sciences (Specify subject) ☐ **Interdisciplinary** (Specify areas covered) ☐ Others (specify)
6.	The course is basically *(Tick one only)*	☐ Subject updating course ☐ **Special course on Emerging areas** ☐ Pedagogy ☐ Other (Specify)-	
7.	Whether the proposal covers any of the categories indicated *(Tick one only)*	☐ Industry-based program with substantial involvement of industry and its experts ☐ **Education Technology/Methodology of teaching** ☐ Training for technical supporting staff ☐ Emerging Area ☐ Others (specify)-	
8.	Duration of the program *(Tick one only)*	☐ **One week (minimum 5 working days)** ☐ Two weeks (minimum 10 working days) ☐ Three weeks (minimum 15 working days) ☐ Four weeks (minimum 20 working days)	
9.	Proposed dates for the Program (specify dates) which may be changed later, if required	From : **7th June 2021 To 11th June 2021** Note : It is advisable to commence program on MONDAY)	
10.	Do you have enough expertise? within your institute and Neighboring places to offer the course satisfactorily? If NO, list the names and addresses of outside faculty needed.	**Yes** 1. Dr P. N. Mahalle (Head CSE, STES'S SKNCOE, Pune) 2. Prof. Amol Bhopale, (Dept of CSE VNIT Nagpur) 3. Dr. A. B. Gadicha (Head CSE, PRPCEM, Amravati)	
	COURSE DETAILS		
1.	Significance & Objectives of the Program (list one or two major objectives)	This STTP is to provide Knowledge on new emerging technologies and hands on same. The lectures will be delivered by distinguished experts in Data Science field.	

		This one-week short term course will include lectures & hands on training on Data Science 1. To get acquainted about Data Science. 2. Participants will be able know basics of Machine Learning & Data Science. 3. To familiarize the Statistical Data Analysis.
2.	Course Content/Coverage (List 5 to 8 major topics with proposed duration of coverage in hours for each topic)	

Sr. No	Topics	Duration in hours
1	Basic Data Science	3.Hr
2	Data Visualization using Tableau	3.Hr
3	Understanding Word Embeddings using Neural Network	3.Hr
4	Descriptive statistics Analysis	3.Hr
5	Machine Learning approaches for NLP activities	3.Hr

3.	Course Schedule	Total working days = 5 days Lecture = 15 hrs. Laboratory/Practical = 0 hrs. Industrial/Field Visits = 0 hrs. Others (specify) = hrs. – Total hours engaged = 15. hrs.
4.	Details of special equipment or laboratory facilities available for the course	i) Well Equipped Lab ii) 50 Mbps Net Facilities
5.	Collaboration with industry/ other institutions/ departments (indicate name of organization, nature of collaboration & experts involved)	Nil

6. Details of Course Faculty (List details of faculty)

Sr. No.	Name & Designation	Institute	Highest Qualification	Field of Interest/ specialization
i)	Dr P. N. Mahalle	SKNCOE, Pune)	Ph. D. (CSE)	Wireless Communication
ii)	Dr. A. B. Gadicha	P.R.P.C.E.&M	Ph. D. (CSE)	Image processing
iii)	Prof. Amol. B. Bhopale	VNIT Nagpur	M.E(CSE) Ph.D. (Pursuing)	Big Data Analytics
		P.R.P.C.E.&M	Ph. D. (CSE)	Network Security

			Computing
7	Audio visual facilities available (Tick relevant ones)		√ Over Head Projector √ Slide Projector (LCD Projector) √ Others (Specify) (50Mbps internet facility)
8.	ISTE Institutional Membership No. of your Institute		IM 2426
9.	Does your institution have an ISTE Chapter (a) If no, will it make minimum 25 members of ISTE		√ Yes MH233

I certify that the details given above are correct to the best of my knowledge and belief and I will organize the program satisfactorily if approved. I also promise that I will abide by the terms and conditions contained in the ISTE Proceedings and submit the Final Report with Processing and operational expense to ISTE within 15 days after completion of the Program.

Date:- 15/05/21
Place: Amravati.

Coordinators
(Prof. V. B. Bhagat)
(Prof. P.V. Kale)

I agree to provide all necessary assistance and facilities of the institute for the conduct of the above program.

Place: - Amravati.

Principal
(Dr. A. V. Kale)

भारतीय तकनीकी शिक्षा संस्था
INDIAN SOCIETY FOR TECHNICAL DUCATION

(Under the Societies' Registration Act XXI of 1860)

Prof. Vaidya Vijay Dattatray
Executive Secretary

ISTE/Proceedings/Online STTP-SF-MAH-011/2021-22 May 17, 2021

Proceedings of Executive Secretary, ISTE

Sub. : Sanction to conduct full time Short-term Training Programme on Self-financing basis for the financial year 2021-2022.

Sanction is hereby accorded to the following institution for the conduct of the Online/SF-STTP/FDP programme indicated below:

Name of Institution	:	PR Pote (Patil) Education & Welfare Trust's Group of Instt. College of Engg. & Mgt. Amravati – 444 203
Topic	:	Unleashing The Potential of Data Science For Engineers
Name & Address of Coordinators	:	Prof. V.B. Bhagat, Asst. Prof. / Prof. P.V. Kale, Asst. Prof.
Duration	:	One Week (Minimum 05 Working Days)
Proposed dates	:	07-06-2021 to 11-06-2021

Terms and Conditions

The institution offering the Programmes should be approved by AICTE and must be Institutional Member of ISTE. Institutions having ISTE Faculty Chapter and Students Chapter shall be preferred. There will be no financial commitment on the part of ISTE on account of this programme. The fee of one **proposal is Rs. 1180/- (Incl. 18% GST)** paid by DD in favour of ISTE New Delhi along with proposal or by NEFT/RTGS in the following ISTE Account **(Name of Account: ISTE Membership Fee, Account No: 6707247614 Bank: Indian Bank IFSC Code: IDIB000M089 Branch: Mehrauli Road New Delhi).**

1 This will be a online program of the duration of 1 week/2 weeks/4 weeks.

2 The registration fee of the participants may be fixed by the host institution.

3 ISTE Life membership is necessary for participants to attend SF programmes. However, If any participant is not having life membership he/she may take the membership of ISTE before the starting of the course and apply by paying the fee to the course coordinator at the spot before the commencement of the programme. The Life Membership fee is Rs. 3540/- (Incl. 18% GST) to be paid by DD in favour of ISTE New Delhi or by NEFT/RTGS as per above Account details.

--/-2

Phone: 91-11 26513542, 26963431, 26514234, Fax: 91-11 26852421, E mail: istedhq@isteonline.org Website: www.isteonline.in

4 The final report as mentioned in these guidelines is to be submitted online to ISTE within 15 days after completion of the Programme.

5 The institute should ensure that the Resource Persons should be well known personalities having thorough knowledge and he/she should be from an Institute or Industry.

6 **Since it is an Online program, e-Certificate to ISTE Life Members will be issued by ISTE from this office. Operational and processing fee of Rs. 100 +18% GST (Total Rs. 118/-) will be charged per participant. Institute conducting the program will collect the fee from participants and will send it to ISTE by DD or NEFT/RTGS with list of participants with their ISTE Life Membership Number. Institute conducting on line program will not issue Certificates with ISTE logo to Participants. Course coordinator is requested to ensure the same and attach payment proof or UTR number.**

7 **At least one test at the end is to be conducted to judge the performance of participants. Institute can conduct more test, if they desire. Attendance and successful completion of Test conducted is mandatory to receive certification by ISTE. Co Ordinator should ensure this while submitting list of participants to ISTE.**

8 **The Digital e-certificates to eligible participants will be sent by ISTE Delhi through organizing Institute.** The certificate contains the ISTE logo at the top . The digitally signed e-certificates will bear the Signatures of Executive Secretary, ISTE.

9 Above terms and conditions are applicable to Online Programs only.

Executive Secretary

To,

The Principal
P.R. Pote (Patil) Educational & Welfare Trust's
Group of Institutions College of Engineering & Management
Amravati – 444 203
Maharashtra State

Copy to:

Prof. V.B. Bhagat
Coordinator
P.R. Pote (Patil) Educational & Welfare Trust's
Group of Institutions College of Engineering & Management
Amravati – 444 203
Maharashtra State

Guidelines to be followed for Online Programme

Immediately after approval from ISTE

Link of FDP program brochure or template.
Link of registration for faculties.
Details of the program, day-wise
List of Resource persons
Topic and the outcome expected post the event

Before one of the session:-

Response sheet of participants received for considering total number of participant.

From Day 1 to till end every day before and after session (day)

Link of invitation of every session with password for joining.
Attendance in respective online tools of attendee in screen shot or other format.
Output response/ any test conducted every day or end of the FDP.
Final results
Response sheet of feedback of attendees on last day

Post the conduct of the event, the institute will submit the **outcomes achieved from the program.**

SHARE A GOOGLE DRIVE LINK with ISTE IN WHCIH INSTITUTE WILL UPDATE THE THINGS ON DAILY BASIS.

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May 6, 2021

P. R. Pote (Patil) College of Engineering & Management, Amravati.
Department of Computer Science & Engineering
2020-21

One Week ONLINE STTP ON "Unleashing the Potential of Data Science for Engineers"

To

The principal,

PRPCEM Amt.

Subject: Regarding approval of STTP Budget for CSE Dept .

Respected sir,

We the CSE department of PRPCEM are planning for STTP on Data Science from 7/06/21 to 11/06/21. Approximate budget for STTP is Rs.12,200. The details are written below. we would like to request to get sanction for same. Hoping for your kind consideration.

Sr. No.	Activity	Approximate Expenditure (Amount in Rs.)	
1	ISTE Sponsorship Fee	1200	1200
2	Resource Person (Speaker/Guest) Renumeration	3*3000= 9000(External Recourse Persons) 1* 2000=2000(internal Resource Person)	11,000
	Total Approximate Expenditure		**12,200**

STTP Coordinator
Prof. V. B. Bhagat

H.O.D. CSE
Dr. A. B. Gadicha

P. R. Pote (Patil) College of Engineering & Management,
Amravati ISTE Sponsored

Department of Computer Science & Engineering
Online STTP on
" Unleashing the Potential of Data Science for Engineers "
(From: 7/06/2021 To 11/06/2021)

04

Program Conduction Schedule

Sr. No.	Topic	Date	Name of Resource Person
1	**Basic of Data Science & Machine learning**	07/06/2021 Monday **(Day-01)**	**Dr. Mohd Atique,** Professor CSE Dept,SGBAU ,Amravati
2	**Clustering Algorithm With hands on**	08/06/2021 Tuesday **(Day-02)**	**Dr. P.N.Mahalle** M.E., Ph.D.(Computer Engineering), Senior Member IEEE, LMISTE, LMCSI, Member ACM, Professor & Head of Department of Computer Engineering, Smt. Kashibai Navale College of Engineering, Pune
3	**Effective use of Data Science to build data story**	9/06/2021 Wednesday **(Day-03)**	**Dr. Kamal Gulati** Associate Professor, Amity University, Noida, Uttar Pradesh, India
4	**Understanding Word Embeddings using Neural Network**	10/06/2021 Thursday **(Day-04)**	**Dr. Amol Bhopale,** Dept of CSE VNIT Nagpur.
5	**Machine Learning for NLP using Python**	11/06/2021 Friday **(Day-05)**	**Dr. Chitra.A.Dhawale** Asst. Professor CSE Dept, PRPCEM,Amravati

Time of STTP: 1.00 P.M

P. R. Pote (Patil) College of Engineering & Management,

Amravati

ISTE Approved

Online STTP on

" Unleashing the Potential of Data Science for Engineers"

Organised by

Dept of Computer Science & Engineering

(From: 07/06/2021 To 11/06/2021)

Schedule of Inauguration Function

07/06/2021, Monday (Day-01)

Sr.No	Time	Topic	Conducted By
01	01:00 PM.	STTP Inauguration Programme	**Prof.P.V.Kale** (CSE,Department)
02	01:02 PM.	Brief Introduction of " STTP"	**Prof.V..B.Bhagat** (CSE,Department)
03	01:05 PM.	Principal's Address	**Dr.A.V.Kale** (Principal, PRPPCE&M, Amravati)
04	01:10 PM.	Director's Address	Dr.S.A.Ladhake (Director, PRPPGEI, Amravati
05	01:15 PM.	Vote of Thanks (Inauguration Programme)	**Prof.P.V.Kale** (CSE,Department)
06	01:17 PM.	Introduction of Guest	**Dr.A.D.Raut** (CSE,Department)
07	01:20 PM.	Introduction to Machine Learning, & Data Science	**Dr. Mohd Atique,** Professor CSE Dept,SGBAU Amravati
08	02:20 PM.	Vote of Thanks (For Day-1)	**Prof.P.V.Kale** (CSE,Department)

P. R. Pote (Patil) College of Engineering & Management, Amravati ISTE Sponsored

Department of Computer Science & Engineering
Online STTP on
" Unleashing the Potential of Data Science for Engineers "
(From: 7/06/2021 To 11/06/2021)

STTP Program Conduction

Sr.No	Date & Time	Resource Person	Program Handled By
1	07/06/2021 Monday **(Day-01)**	**Dr. Mohd Atique,** Professor CSE Dept,SGBAU ,Amravati	Inauguration by Prof.P.V.Kale Guest Introduction by Prof. V.B.Bhagat
2	08/06/2021 Tuesday **(Day-02)**	**Dr. P.N.Mahalle** M.E., Ph.D.(Computer Engineering), Professor & Head of Department of Computer Engineering, Smt. Kashibai Navale College of Engineering, Pune	Session Handling & Guest Introduction by Prof. K.K.Chhajed
3	09/06/2021 Wednesday **(Day-03)**	**Dr. Kamal Gulati** Associate Professor, Amity University, Noida, Uttar Pradesh, India	Session Handling & Guest Introduction by Prof. K.B.Bijwe
4	10/06/2021 Thursday **(Day-04)**	**Dr. Amol Bhopale,** Dept of CSE VNIT Nagpur.	Session Handling & Guest Introduction by Prof. P P. Pawade
5	11/06/2021 Friday **(Day-05)**	**Dr. Chitra A. Dhawale** Asst. Professor CSE Dept, PRPCEM,Amravati	Session Handling & Guest Introduction by Prof. A.A.Tayde Vote of Thanks for Whole STTP by Prof. V.B.Bhagat
6	Day 1 to Day 5	**Zoom Link Handling**	Prof.Z.I.Khan

P. R. Pote (Patil) College of Engineering & Management, Amravati
ISTE Sponsored

Department of Computer Science & Engineering
Online STTP on
" Unleashing the Potential of Data Science for Engineers "
(From: 7/06/2021 To 11/06/2021)

Details of Organizing Committee

Sr. No	Organizing Committee
1	**Dr. A.B.Gadicha,** H.O.D CSE P.R.P.C.E.M Amravati STTP Convener
2	**Ms. Vaishali B.Bhagat .,** Asst .Prof CSE Dept. P.R.P.C.E.M Amravati STTP Coordinator
3	**Ms. Prachi V. Kale,** Asst .Prof CSE Depet ,P.R.P.C.E.M Amravati STTP Coordinator

P. R. Pote (Patil) College of Engineering & Management, Amravati
ISTE Sponsored

Department of Computer Science & Engineering
Online STTP on
" Unleashing the Potential of Data Science for Engineers "
(From: 7/06/2021 To 11/06/2021)

Details of Guest Speakers

Sr. No	Name of Speakers
1	**Dr. Mohd Atique,** Professor CSE Dept,SGBAU ,Amravati
2	**Dr. P.N.Mahalle** M.E., Ph.D.(Computer Engineering), Senior Member IEEE, LMISTE, LMCSI, Member ACM, Professor & Head of Department of Computer Engineering, Smt. Kashibai Navale College of Engineering, Pune
3	**Dr. Kamal Gulati** Associate Professor, Amity University, Noida, Uttar Pradesh, India
4	**Dr. Amol Bhopale,** Dept of CSE VNIT Nagpur.
5	**Dr. Chitra.A.Dhawale** Asst. Professor CSE Dept, P.R.Pote College of Engineering Management ,Amravati

(06)

P. R. Pote Patil Edu. & Welf. Trust's, Group of Institutions,
College of Engineering & Management, Amravati
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Ref. PRPCEM/STTP-INV/2020-21/ Date : 26/05/21

To,

Dr. Mohammed Atique,
Professor CSE Dept,
Sant Gadge Baba Amravati University Amravati,

Subject: Nomination as Expert Speaker for ISTE-STTP on **"Unleashing the Potential of Data Science for Engineers"**

Dear Sir,

It gives us immense pleasure to inform you that for the overall benefits of the academic community, the Department of **Computer Science & Engineering** of **P.R.P.C.E. & M.,Amravati** is organizing One Week Online Short-Term Training Program w.e.f. **07th June to 11th June 2021**, On **"Unleashing the Potential of Data Science for Engineers".**

We would be highly honored if you can spare some time from your busy schedule to deliver the session. Your expertise and knowledge in the area would add a great value to the technical sense of one and all, especially for young faculty and academicians of the country who require the appropriate guidance to lead their department and Institution.

With your vast and in-depth knowledge in the area, we would request you to kindly accept our invitation. . The duration of presentation is a maximum of 1.30 hours followed by question-and-answer sessions.

We look forward to your presence and guidance.

Mode of Webinar: - Online Using Zoom Platform

Thanking you

With Best Regards,

Prof.P.V.Kale Prof.V.B.Bhagat
STTP Coordinators

Dr.A.B.Gadicha
HOD, CSE

Dr. A. V. Kale
Principal

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Shri Gajanan Maharaj Prasanna

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To,

Dr. Parikshit N. Mahalle,
Professor & HOD Computer Engineering,
Smt. Kashibai Navale College of Engineering,
Pune.

Subject: Nomination as Expert Speaker for ISTE-STTP on **"Unleashing the Potential of Data Science for Engineers"**

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Ref. PRPCEM/STTP-INV/2020-21/ Date 21/05/21

To,

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Amity University, Noida,
Uttar Pradesh, India

Subject: Nomination as Expert Speaker for ISTE-STTP on "**Unleashing the Potential of Data Science for Engineers**"

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Ref. PRPCEM/STTP-INV/2020-21/ Date 21/05/21

To,

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Dept of CSE
VNIT Nagpur

Subject: Nomination as Expert Speaker for ISTE-STTP on **"Unleashing the Potential of Data Science for Engineers"**

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To,

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Online STTP on

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ISTE Approved Self Sponsored STTP On
"UNLEASHING THE POTENTIAL OF DATA SCIENCE FOR ENGINEERS".
07th June -11th June 2021
P. R. Pote (P. G.) Education & Welfare Trust's College of Engineering & Management, Amravati

Short Report

(09)

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ISTE Approved Self Sponsored STTP On
"UNLEASHING THE POTENTIAL OF DATA SCIENCE FOR ENGINEERS".
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P. R. Pote (Patil) Education & Welfare Trust's College of Engineering & Management, Amravati

P.R. Pote Patil
College Of Engineering & Management, Amravati
Education & Welfare Trust's

ISTE
Approved

One Week Online Short Term Training Program On

"UNLEASHING THE POTENTIAL OF DATA SCIENCE FOR ENGINEERS"

Organized By

Department of Computer Science and Engineering

From 7th June to 11th June 2021

Patrons:
Hon'ble Shri. Pravinkumar R. Pote
President, PRPPEWT
Hon'ble Shri Shreyas P. Pote
Vice-President, PRPPEWT
Hon'ble Dr. S. A. Ladhake
Director, PRPPEWT

General Chair:
Dr. A. V. Kale,
Principal, PRPCE&M

Convener:
Ms. V. B. Bhagat
Ms. P. V. Kale

Approved By AICTE & Affiliated to Sant Gadge Baba Amravati University

The Short-Term Training Program on " Unleashing the Potential of Data Science for Engineers" had been successfully organized by the Dept of Computer Science & Engineering , of P. R. Pote (Patil) Education & Welfare Trust's College of Engineering & Management, Amravati from 7th June to 11th June 2021. The self- sponsored one-week course had been organized by two faculty members: Ms. Vaishali B. Bhagat and Ms. Prachi V. Kale.

The objective of the STTP is to provide knowledge on new emerging technologies in Data Science. This one-week STTP course will include lectures & hands on training. The participants will be trained on different software approach in order to have an in-depth insight into the domain of Data Science. The sessions will be conducted by distinguished experts in Data Science.

P. R. Pote (Patil) College of Engineering & Management, Amravati
ISTE Sponsored
Online STTP on "Unleashing the Potential of Data Science for Engineers"
(From: 07/06/2021 To 11/06/2021)

Program Conduction Schedule

Sr. No	Topic	Date	Name of Resource Person	Time
1	**Basic of Data Science & Machine learning**	**07/06/2021 Monday (Day-01)**	**Dr. Mohd Atique, Professor CSE Dept,SGBAU ,Amravati**	**01:00 PM to 03:00 PM.**
2	**Clustering Algorithm With hands on**	08/06/2021 Tuesday **(Day-02)**	**Dr. P.N.Mahalle** M.E., Ph.D.(Computer Engineering),Professor & Head of Department of Computer Engineering, Smt. Kashibai Navale College of Engg,Pune	**01:00 PM to 03:00 PM.**
3	**Effective use of Data Science to build data storey**	9/06/2021 Wednesday **(Day-03**	**Dr. Kamal Gulati** Associate Professor, Amity University, Noida, Uttar Pradesh, India	**01:00 PM to 03:00 PM..**
4	**Understanding Word Embeddings using Neural Network**	10/06/2021 Thursday **(Day-04)**	**Dr. Amol Bhopale,** Dept of CSE VNIT Nagpur.	**01:00 PM to 03:00 PM.**
5	**Machine Learning for NLP using Python**	11/06/2021 Friday **(Day-05)**	**Dr. Chitra.A.Dhawale** Asst. Professor CSE Dept, PRPCEM,Amravati	**01:00 PM to 03:00 PM.**

P. R. Pote (Patil) College of Engineering & Management, Amravati
ISTE Sponsored
Online STTP on "Unleashing the Potential of Data Science for Engineers"
(From: 07/06/2021 To 07/05/2021)

Day Wise Links

Day 01 - Link

P. R. Pote Patil Group Amravati is inviting you to a scheduled Zoom meeting.

For "One Week STTP on " Unleashing the Potential of Data Science for Engineers "

Day 1: Resource Person

Dr. Mohd Atique, Professor CSE Dept,SGBAU ,Amravati

Topic: "Basic of Data Science & Machine learning"

Date : 07th June 21

Time: 02:30 PM India

Join Zoom Meeting

https://us02web.zoom.us/j/6963770153?pwd=ZnJNTEJacVcwaFVCMkJPU0VvekZUZz09

Meeting ID: 696 377 0153

Passcode: PRPCOA

Day 02 - Link

P. R. Pote Patil Group Amravati is inviting you to a scheduled Zoom meeting.

For "One Week STTP on " Unleashing the Potential of Data Science for Engineers "

Day 2: Resource Person

Dr. P.N.Mahalle, Professor CSE Dept,SGBAU ,Amravati ,
Professor & Head of Department of Computer Engineering, Smt. Kashibai Navale College of Engineering, Pune"

Topic: "Clustering Algorithm With hands on"

Date : 08th June 21

Time: 02:30 PM India

Join Zoom Meeting

https://us02web.zoom.us/j/6963770153?pwd=ZnJNTEJacVcwaFVCMkJPU0VvekZUZz09

Meeting ID: 696 377 0153

Passcode: PRPCOA

Day 5 - Link

P. R. Pote Patil Group Amravati is inviting you to a scheduled Zoom meeting.

For "One Week STTP on " Unleashing the Potential of Data Science for Engineers "

Day 5: Resource Person

Dr. Chitra.A.Dhawale, Asst. Professor CSE Dept, PRPCEM,Amravati

Topic: "Machine Learning for NLP using Python"

Date : 07th June 21

Time: 02:30 PM India

Join Zoom Meeting

https://us02web.zoom.us/j/6963770153?pwd=ZnJNTEJacVcwaFVCMkJPU0VvekZUZz09

Meeting ID: 696 377 0153

Passcode: PRPCOA

ISTE Approved Self Sponsored STTP On
"UNLEASHING THE POTENTIAL OF DATA SCIENCE FOR ENGINEERS".
07th June -11th June 2021
P. R. Pote (Patil) Education & Welfare Trust's College of Engineering & Management, Amravati

Program Details

The course commenced with Inaugural Function on 7th June online with the benign presence of Chief Guest Dr. S. A. Ladhake, Director of PRPGI, and a Guest of Honour Dr. A. V. Kale, Principal, P. R. Pote (Patil) College of Engineering & Management, Amravati and STTP Coordinators Prof.Ms. V. B. Bhagat Prof.Ms. P.V. Kale and various participants from intra as well as inter colleges.

The ceremony started with a welcome from the Chief Guest. Later the Chief Guest officially inaugurated the Program with a keynote. Program Coordinator Ms. V. B. Bhagat explained the need of arranging the STTP and its features. She also discussed the Two-week schedule of the program and highlighted the important keynote speakers.

On Day 1, session started with Speaker Dr. Mohd Atique, Professor, CSE Dept.,SGBAU Amravati., , with the topic " **Basic of Data Science & Machine learning**.". He explained the basics of Machine Learning & Data Science from raw.

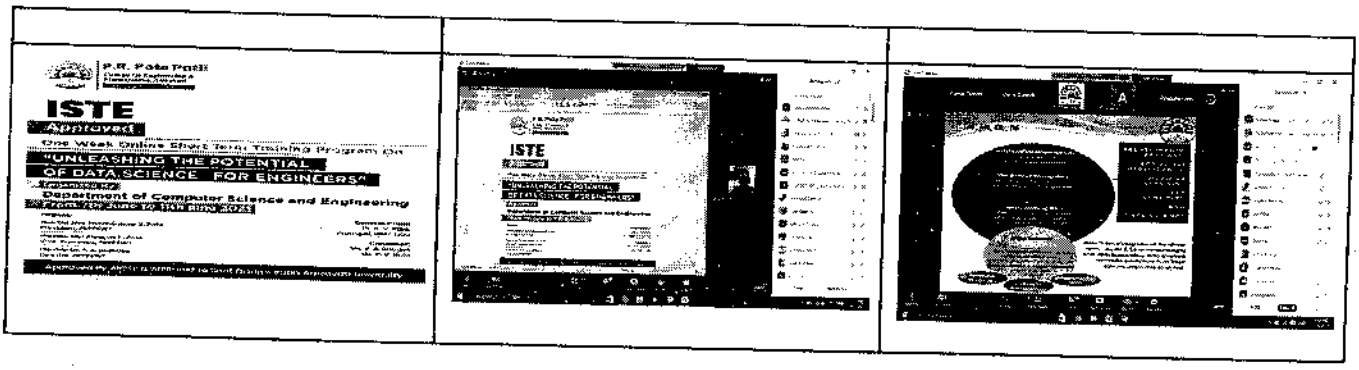
On Day 2, session started with Speaker Dr. Parikshit N.Mahalle, Professor & head , CE Dept, SKNCOE Pune, with the topic **"Clustering Algorithm With Hands on "** . He explained what a Clustering **Algorithm With its implementation** .

On Day 3, session started with Speaker **Dr. Kamal Gulati, Associate** Professor, Amity University, Noida, Uttar Pradesh, Indiath topic **"Effective use of Data Science to build data story ."**.

On Day 4, session started with Speaker **Dr. Amol Bhopale,** Dept of CSE VNIT Nagpur, with the topic **"Understanding Word Embeddings using Neural Network.**". He explained the word embeddings using neural networks..

On Day 5, session started with Speaker Dr. Chitra A. Dhawalei, CSE Dept PRPCEM, Amravati, with the topic "- **Machine Learning** for NLP using python .". She explained very nicely about **Machine Learning concepts** with a practical approach.

Photographs of Online delivery.



ISTE Approved Self Sponsored STTP On
"UNLEASHING THE POTENTIAL OF DATA SCIENCE FOR ENGINEERS".
07th June -11th June 2021
P. R. Pote (Patil) Education & Welfare Trust's College of Engineering & Management, Amravati

P. R. Pote (Patil) College of Engineering & Management, Amravati

ISTE Sponsored
"Online STTP on "" Unleashing the Potential of Data Science for Engineers "
(From: 7/06/2021 To 11/06/2021)

MCQ Questions for the STTP (Quiz)

1. How do we perform Bayesian classification when some features are missing?

(A) We assuming the missing values as the mean of all values.

(B) We ignore the missing features.

(C) We integrate the posteriors probabilities over the missing features.

(D) Drop the features completely.

Answer: *Option-C.*

Explanation: Here we don't use general methods of handling missing values instead we integrate the posterior probabilities over the missing features for better predictions.

2. Which of the following statement is False in the case of the KNN Algorithm?

(A) For a very large value of K, points from other classes may be included in the neighborhood.

(B) For the very small value of K, the algorithm is very sensitive to noise.

(C) KNN is used only for classification problem statements.

(D) KNN is a lazy learner.

Answer: *Option-C*

Explanation: We can use KNN for both regression and classification problem statements. In classification, we use the majority class based on the value of K while in regression we take an average of all points and then give the predictions.

(B) In a decision tree, the entropy of a node decreases as we go down a decision tree.

(C) In a decision tree, entropy determines purity.

(D) Decision tree can only be used for only numeric valued and continuous attributes.

Answer: *Option-B*

Explanation: Entropy helps to determine the impurity of a node and as we go down the decision tree, entropy decreases.

6. How do you choose the right node while constructing a decision tree?

(A) An attribute having high entropy

(B) An attribute having high entropy and information gain

(C) An attribute having the lowest information gain.

(D) An attribute having the highest information gain.

Answer: *Option-D*

Explanation: We select first those attributes which are having maximum information gain.

7. Which of the following statements is FALSE about Ridge and Lasso Regression?

(A) These are types of regularization methods to solve the overfitting problem.

(B) Lasso Regression is a type of regularization method.

(C) Ridge regression shrinks the coefficient to a lower value.

(D) Ridge regression lowers some coefficients to a zero value.

Answer: *Option-D*

(B) Feature Extraction needs to be done manually in both ML and DL algorithms.

(C) Deep Learning algorithms are best suited for unstructured data.

(D) Deep Learning algorithms require high computational power.

Answer: ***Option-B***

Explanation: Usually, in deep learning algorithms, feature extraction happens automatically in hidden layers.

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P. R. Pote (Patil) Education & Welfare Trust's College of Engineering & Management, Amravati

Feedback Report

P. R. Pote (Patil) College of Engineering & Management,Amravati

Department of Computer Science & Engineering

Online STTP on

" Unleashing the Potential of Data Science for Engineers"

Feedback List

Timestamp	Email address	Full Name of Participant (To be added on Certificate)	Name of Organization	Department / Branch	1. The experience of the session was	2. How was the Content delivered ?	3. How was the event Executive ?	4. Overall experience of the session	5. How will you rate the session?
6/11/2021 14:12:56	kparmal2020@gmail.com	Parmal Prakash Pawade	P. R. Pote Patil College of Eng	cse	Completely Satisfying	Completely Satisfy	Completely Satisfying	Completely Satisf	5
6/11/2021 14:13:10	krg00111@gmail.com	Kalyani Rajabhan Gawande	Mauli college of engineering, shegaon	Computer science	Completely Satisfying	Satisfying	Completely Satisfying	Satisfying	4
6/11/2021 14:13:23	chandrumca1979@gmail.com	P.Chandrasekar	S.A. College of Arts & Science	Computer Science	Satisfying	Completely Satisfying	Completely Satisfying	Satisfying	5
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6/11/2021 14:14:49	hamanthsridharan@gmail.com	Hemanth Kumar .S	Madras Christian college	M.com	Satisfying	Satisfying	Satisfying	Completely Satisfying	4
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6/11/2021 14:19:19	amudhacse@krce.ac.in	L.AMUDHA	K.RAMAKRISHNAN COLLEGE OF ENGINEERING	COMPUTER SCIENCE AND ENGINEERING	Completely Satisfying	Completely Satisfying	Completely Satisfying	Completely Satisfying	5
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6/11/2021 14:20:57	kumar85rajesh@gmail.com	K. RAJESHKUMAR	THENI KAMMAVAR SANGAM COLLEGE OF TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING	Completely Satisfying	Completely Satisfying	Completely Satisfying	Completely Satisfying	5

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P. R. Pote (Patil) College of Engineering & Management,Amravati
Department of Computer Science & Engineering
Online STTP on
" Unleashing the Potential of Data Science for Engineers"
Feedback List

Timestamp	Email address	Full Name of Participant (To be added on Certificate)	Name of Organization	Department / Branch	1. The experience of the session was	2. [illegible]	3. [illegible]	4. [illegible] the session	5. [illegible] session?
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6/11/2021 14:49:31	s.dhanasekaran@ku.ac.in	Dr.S.Dhanasekaran	Kalasalingam University	CSE	Completely Satisfying	Completely Satisfying	Completely Satisfying	Completely Satisfying	5
6/11/2021 14:51:41	chetan.aher07@aissmsioit.org	Chetan Nimba Aher	AISSMS Institute of Information Technology	Computer	Completely Satisfying	Completely Satisfying	Satisfying	Completely Satisfying	5
6/11/2021 14:57:04	suryakant.bhonge@gmail.com	Suryakant Purushottam Bhonge	P. R. Pote (Patil) College of Engg. & Mgt. Amt.	EXTC	Completely Satisfying	Completely Satisfying	Satisfying	Completely Satisfying	5
6/11/2021 15:03:29	komalmore78@gmail.com	Komal Madhukar More	College of Engineering, Ambajogai	EXTC	Completely Satisfying	Completely Satisfying	Completely Satisfying	Completely Satisfying	5
6/11/2021 16:29:14	gopikrishnan.cse@prathyusha.edu.in	Dr. GOPIKRISHNAN M	PRATHYUSHA ENGINEERING COLLEGE	CSE	Satisfying	Satisfying	Satisfying	Satisfying	4
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SHORT TERM TRAINING PROGRAM

"UNLEASHING THE POTENTIAL OF DATA SCIENCE FOR ENGINEERS"

11th June 2021

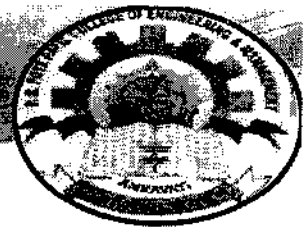
CONVOLUTION NEURAL NETWORK

Dr.Chitra A.Dhawale

Department of Computer Science and Engineering

P.R.Pote College of Engineering and Management

Amravati (MS)



•**Simulation of Biological Neural Network.**

• Artificial Neuron is called Perceptron.

•it is a mathematical function based on a model of biological neurons.

• It can also be seen as a simple logic gate with binary outputs.

Each artificial neuron has the following main functions:

•Takes inputs from the input layer.

•Weighs them separately and sums them up.

•Pass this sum through a nonlinear function to produce output.

P.R. Pote Patil
College Of Engineering &
Management, Amravati
Education & Welfare Trust's

STTP on
"UNLEASHING THE POTENTIAL OF DATA SCIENCE FOR ENGINEERS"

Organized By – Department of Computer of Science and Engineering,

Understanding Word Embeddings using Neural Network

Amol P. Bhopale
PhD Research Scholar,
Dept. of CSE, VNIT

P. R. POTE (PATIL) GROUP OF EDUCATION & WELFARE TRUST'S
COLLEGE OF ENGINEERING & MANAGEMENT , AMRAVATI

Accredited with "Grade A" by NAAC Approved by AICTE, New Delhi and affiliated to Sant Gadge Baba Amravati University, Amravati (M.S.)

CERTIFICATE

This is to Certify that

Mr. Hemanth Kumar .S

From Madras Christian college

has attended a One Week Short-Term Online Course on **"UNLEASHING THE POTENTIAL OF DATA SCIENCE FOR ENGINEERS"** sponsored by Indian Society for Technical Education (ISTE), New Delhi during **07/06/2021** to **11/06/2021** Organised by Department of **Computer Science & Engineering** of **P. R. Pote (Patil) College of Engineering & Management, Amravati.**

Prof.P.V.Kale / Prof. V.B.Bhagat	**Dr.A.B.Gadicha**	**Dr. A. V. Kale**
Programme Convenor	**HOD,CSE**	**Principal**

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P.R. POTE (PATIL) GROUP OF EDUCATION & WELFARE TRUST'S
COLLEGE OF ENGINEERING & MANAGEMENT , AMRAVATI

Accredited with "Grade A" by NAAC Approved by AICTE, New Delhi and affiliated to Sant Gadge Baba Amravati University, Amravati (M.S.)

CERTIFICATE

This is to Certify that

Ms. Ankita Vasant Pande

From Sipna College of engineering and technology

has attended a One Week Short-Term Online Course on **"UNLEASHING THE POTENTIAL OF DATA SCIENCE FOR ENGINEERS"** sponsored by Indian Society for Technical Education (ISTE), New Delhi during **07/06/2021** to **11/06/2021** Organised by Department of **Computer Science & Engineering** of **P. R. Pote (Patil) College of Engineering & Management, Amravati.**

Prof.P.V.Kale / Prof. V.B.Bhagat	**Dr.A.B.Gadicha**	**Dr. A. V. Kale**
Programme Convenor	**HOD,CSE**	**Principal**

P. R. Pote (Patil) College of Engineering & Management, Amravati

Department of Computer Science & Engineering

Online STTP on

" Unleashing the Potential of Data Science for Engineers"

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Timestamp	Email address	Full Name of Participant (To be added on Certificate)	Name of Organization	Department / Branch	1. The experience of the session was	2. How was the Content delivered ?	3. How was the overall Structure ?	4. Overall experience of the session	5. How will you rate the session ?
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6/11/2021 14:23:06	rebeccasusan9097@gmail.com	Rebecca Susan Thomas	Madras Christian College	MCom	Average	Satisfying	Average	Satisfying	3
6/11/2021 14:23:09	20017220840l4@mcc.edu.in	Priya Sibi	Madras christian college	Commerce	Completely Satisfying	Completely Satisfying	Completely Satisfying	Completely Satisfying	5
6/11/2021 14:23:14	jaga.dgvit@gmail.com	JAGADEESAN N	D G Vaishnav College	Computer Applications (B.C.A.)	Satisfying	Satisfying	Satisfying	Satisfying	4
6/11/2021 14:23:23	krutika.chhajed@gmail.com	Krutika Chhajed	PRPCEM, Amravati	CSE	Completely Satisfying	Satisfying	Average	Satisfying	4
6/11/2021 14:23:27	bharathickpc@gmail.com	M.Bharathiraja	VSB college of engineering technical campus coimbatore	B.Tech IT	Satisfying	Completely Satisfying	Satisfying	Satisfying	5
6/11/2021 14:23:40	joselina88@gmail.com	Joselin Ann Sam	Madras Christian College	Commerce	Completely Satisfying	Completely Satisfying	Completely Satisfying	Completely Satisfying	5
6/11/2021 14:23:45	babubalajimsc@gmail.com	Mr.BABUBALAJI.R	VINAYAKA MISSIONS ANNAPOORANA COLLEGE OF NURSING, SALEM	Computer Science	Satisfying	Satisfying	Satisfying	Satisfying	4
6/11/2021 14:23:53	vedantvartak74@gmail.com	Vedant Mangesh Vartak	NMIMS	Mumbai	Completely Satisfying	Satisfying	Completely Satisfying	Completely Satisfying	4
6/11/2021 14:23:57	yugandhakare@gmail.com	Ms. Yugandhara A. Thakare	Sipna coet,amt	Cse	Completely Satisfying	Completely Satisfying	Completely Satisfying	Completely Satisfying	5
6/11/2021 14:24:24	kavitachouk@gmail.com	Mrs.Kavita Mandar Chouk	Satish Pradhan Dnyanasadhana college	Computer science/Information Technology	Satisfying	Satisfying	Completely Satisfying	Satisfying	5
6/11/2021 14:24:54	devikarajvanshi1972@gmail.com	Devika Rajesh Rajvanshi	MPSTME	MCA	Satisfying	Satisfying	Satisfying	Satisfying	4
6/11/2021 14:24:57	manthan.mathur027@nmims.edu.in	Manthan Mathur	NMIMS	MPSTME	Satisfying	Satisfying	Satisfying	Satisfying	4
6/11/2021 14:25:10	prachivkale@gmail.com	Prachi V. Kale	P. R. P. C e. & M. Amravati	CSE	Completely Satisfying	Completely Satisfying	Completely Satisfying	Completely Satisfying	5
6/11/2021 14:25:30	reinasagar1@gmail.com	Reina Sagar	Kristu Jyoti College of Management and Technology	Post Graduate Department of Commerce	Satisfying	Completely Satisfying	Satisfying	Completely Satisfying	5
6/11/2021 14:25:44	latha.dgvaishnav@gmail.com	Dr. U. Latha	D. G. Vaishnav College	BCA	Completely Satisfying	Completely Satisfying	Completely Satisfying	Completely Satisfying	5
6/11/2021 14:25:47	pavithra0621@gmail.com	U.V.SRIPAVITHRA	Madras Christian college	Commerce / Tambaram	Completely Satisfying	Satisfying	Completely Satisfying	Satisfying	4
6/11/2021 14:25:48	Sivapriya.muthusubramaniyan@gmail.com	SIVAPRIYA.M	Madras Christian college	Commerce	Completely Satisfying	Completely Satisfying	Completely Satisfying	Completely Satisfying	4
6/11/2021 14:27:16	sambharepratul832@gmail.com	Pratul B Sambhare	PRPCEM	CSE	Satisfying	Completely Satisfying	Completely Satisfying	Completely Satisfying	5
6/11/2021 14:27:26	amrithasakthivel1999@gmail.com	Amritha varshiny S	Madras Christian College	Commerce	Completely Satisfying	Completely Satisfying	Completely Satisfying	Completely Satisfying	5
6/11/2021 14:27:45	komalbjwe@gmail.com	Komal Baburao Bijwe	PRPCEM	CSE	Satisfying	Satisfying	Satisfying	Satisfying	4
6/11/2021 14:27:53	dpkale2015@gmail.com	Dr. Devendra Prabhakarrao Kale	JVM Devgram	CS	Completely Satisfying	Completely Satisfying	Completely Satisfying	Completely Satisfying	5
6/11/2021 14:28:08	perumal.scs@velsuniv.ac.in	Dr. S. Perumal	Vels Institute of Science, Technology & Advanced Studies	Computer science	Completely Satisfying	Completely Satisfying	Completely Satisfying	Satisfying	3
6/11/2021 14:28:26	arvind_mbhave@yahoo.com	Arvind M Bhave	Inter Institutional Computer Centre, R.T.M. Nagpur University , Nagpur	MCA	Completely Satisfying	Completely Satisfying	Completely Satisfying	Completely Satisfying	5
6/11/2021 14:28:39	sweetlinepriya.edwin@gmail.com	E Sweetline Priya	VISTAS	Computer Science	Satisfying	Satisfying	Satisfying	Satisfying	4
6/11/2021 14:28:42	sandeepjadhav1985@hotmail.com	Sandeep M Jadhav	PRPEM Amravati	MCA	Satisfying	Satisfying	Satisfying	Satisfying	5
6/11/2021 14:28:43	prajwal.gaikwad@aissmsioit.org	Prajwal Sopa Gaikwad	AISSMS's Institute Information Technology Pune	Computer	Satisfying	Satisfying	Completely Satisfying	Completely Satisfying	4
6/11/2021 14:28:46	mkaushik@jpr.amity.edu	Dr. Manju kaushik	Amity University Rajasthan	AIIT	Satisfying	Satisfying	Satisfying	Satisfying	5
6/11/2021 14:28:49	akshaydhande126@gmail.com	Akshay P Dhande	PRPCEM AMRAVATI	EXTC	Completely Satisfying	Completely Satisfying	Completely Satisfying	Completely Satisfying	5
6/11/2021 14:29:51	sureshlimkar@aissmsioit.org	Dr. Suresh limkar	AISSMS Institute of Information Technology	Computer	Completely Satisfying	Completely Satisfying	Completely Satisfying	Completely Satisfying	5
6/11/2021 14:29:53	thambameshach.cse@prathyusha.edu.in	Thaamba Meshach W	Prathyusha Engineering College	CSE	Completely Satisfying	Completely Satisfying	Completely Satisfying	Completely Satisfying	5
6/11/2021 14:30:21	swapnili.karmore@raisoni.net	Dr.Swapnili Karmore	G.H.Raisoni Institute of Engineering And Technology	CSE	Completely Satisfying	Completely Satisfying	Completely Satisfying	Completely Satisfying	5
6/11/2021 14:31:21	boobarajashekar@gmail.com	Dr.BOOBA.B	Vels institute of science technology and advanced studies	Information technology	Completely Satisfying	Completely Satisfying	Completely Satisfying	Completely Satisfying	5
6/11/2021 14:31:41	vpadole80@gmail.com	Dr.Vishal B. Padole	PRPCEM Amarvati	EXTC	Satisfying	Satisfying	Average	Average	3
6/11/2021 14:31:58	aniket.pawade@gmail.com	Aniket R. Pawade	PRPCEM	EXTC	Completely Satisfying	Completely Satisfying	Completely Satisfying	Completely Satisfying	5
6/11/2021 14:31:59	manish.vankani@ku.ac.in	Manish Vankani	RK University	School of Engineering	Completely Satisfying	Completely Satisfying	Completely Satisfying	Completely Satisfying	5
6/11/2021 14:32:53	motasimkhan8@gmail.com	Motasim Arshiyan Khan Kausar Khan	P R Pote College of Engineering and Management Amravati	CSE	Completely Satisfying	Completely Satisfying	Completely Satisfying	Completely Satisfying	5
6/11/2021 14:33:52	aparna8bhande@gmail.com	Aparna Bhande	PRPCEM	MCA	Completely Satisfying	Completely Satisfying	Completely Satisfying	Completely Satisfying	5
6/11/2021 14:33:59	dhawale.chitra@gmail.com	Dr.Chitra Dhawale	PRPCE&M	CSE	Completely Satisfying	Completely Satisfying	Completely Satisfying	Completely Satisfying	5
6/11/2021 14:34:39	shincyjoby77@gmail.com	Shincy K Kurian	Kristu Jyoti College of Management and Technology, Changanassery	Commerce	Completely Satisfying	Satisfying	Completely Satisfying	Completely Satisfying	5
6/11/2021 14:37:32	rashmi.tallalli@gmail.com	Rashmi Tallalli	PDA College of Engineering, Kalaburagi	Working in Department of Information Science and Engineering	Completely Satisfying	Satisfying	Completely Satisfying	Satisfying	4
6/11/2021 14:37:52	franciaguitar9840@gmail.com	Francis Samuel.B	Madras Christian College	Commerce	Completely Satisfying	Completely Satisfying	Satisfying	Satisfying	4
6/11/2021 14:39:12	ekbal.hamirani@rku.ac.in	Ekbal Hamirani	RK UNIVERSITY	Soe	Satisfying	Completely Satisfying	Satisfying	Completely Satisfying	5
6/11/2021 14:39:50	drparveenkumar331@gmail.com	Dr. Parveen Kakkar	DAVIET, Jalandhar	CSE	Satisfying	Satisfying	Satisfying	Satisfying	5
6/11/2021 14:40:04	mano.ranjithem@gmail.com	V.Manoranjithem	Kare	CS	Satisfying	Satisfying	Satisfying	Satisfying	4
6/11/2021 14:41:44	mahip.bartere@gmail.com	Dr Mahip M Bartere	G H Raisoni University Amravati	Computer Science and Engineering	Satisfying	Satisfying	Satisfying	Satisfying	4

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COLLEGE OF ENGINEERING & MANAGEMENT , AMRAVATI

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CERTIFICATE

This is to Certify that

Mrs. Anithalakshmi. V

From PRATHYUSHA ENGINEERING COLLEGE

has attended a One Week Short-Term Online Course on **"UNLEASHING THE POTENTIAL OF DATA SCIENCE FOR ENGINEERS"** sponsored by Indian Society for Technical Education (ISTE), New Delhi during **07/06/2021** to **11/06/2021** Organised by Department of **Computer Science & Engineering** of **P. R. Pote (Patil) College of Engineering & Management, Amravati.**

Prof.P.V.Kale / Prof. V.B.Bhagat	**Dr.A.B.Gadicha**	**Dr. A. V. Kale**
Programme Convenor	**HOD,CSE**	**Principal**

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CERTIFICATE

This is to Certify that

Mr. BHUSHAN CHAUDHARY

From Sandip Polytechnic

has attended a One Week Short-Term Online Course on **"UNLEASHING THE POTENTIAL OF DATA SCIENCE FOR ENGINEERS"** sponsored by Indian Society for Technical Education (ISTE), New Delhi during **07/06/2021** to **11/06/2021** Organised by Department of **Computer Science & Engineering** of **P. R. Pote (Patil) College of Engineering & Management, Amravati.**

Prof.P.V.Kale / Prof. V.B.Bhagat	**Dr.A.B.Gadicha**	**Dr. A. V. Kale**
Programme Convenor	**HOD,CSE**	**Principal**

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CERTIFICATE

This is to Certify that

Dr. Dr. U. Latha

From D. G. Vaishnav College

has attended a One Week Short-Term Online Course on **"UNLEASHING THE POTENTIAL OF DATA SCIENCE FOR ENGINEERS"** sponsored by Indian Society for Technical Education (ISTE), New Delhi during **07/06/2021** to **11/06/2021** Organised by Department of **Computer Science & Engineering** of **P. R. Pote (Patil) College of Engineering & Management, Amravati.**

Prof.P.V.Kale / Prof. V.B.Bhagat	**Dr.A.B.Gadicha**	**Dr. A. V. Kale**
Programme Convenor	**HOD,CSE**	**Principal**

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CERTIFICATE

This is to Certify that

Mrs. C.Kalpana

From Vels Institute Of Science ,Technology & Advanced Studies (VISTAS)

has attended a One Week Short-Term Online Course on **"UNLEASHING THE POTENTIAL OF DATA SCIENCE FOR ENGINEERS"** sponsored by Indian Society for Technical Education (ISTE), New Delhi during **07/06/2021** to **11/06/2021** Organised by Department of **Computer Science & Engineering** of **P. R. Pote (Patil) College of Engineering & Management, Amravati.**

Prof.P.V.Kale / Prof. V.B.Bhagat **Programme Convenor**	**Dr.A.B.Gadicha** **HOD,CSE**	**Dr. A. V. Kale** **Principal**

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COLLEGE OF ENGINEERING & MANAGEMENT , AMRAVATI

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CERTIFICATE

This is to Certify that

Dr. Dr. T Srinivasarao

From K L E F (Deemed to be University)

has attended a One Week Short-Term Online Course on **"UNLEASHING THE POTENTIAL OF DATA SCIENCE FOR ENGINEERS"** sponsored by Indian Society for Technical Education (ISTE), New Delhi during **07/06/2021** to **11/06/2021** Organised by Department of **Computer Science & Engineering** of **P. R. Pote (Patil) College of Engineering & Management, Amravati.**

Prof.P.V.Kale / Prof. V.B.Bhagat
Programme Convenor

Dr.A.B.Gadicha
HOD,CSE

Dr. A. V. Kale
Principal

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CERTIFICATE

This is to Certify that

Ms. Harsha Rangrao Vyawahare

From Sipna COET, Amravati

has attended a One Week Short-Term Online Course on **"UNLEASHING THE POTENTIAL OF DATA SCIENCE FOR ENGINEERS"** sponsored by Indian Society for Technical Education (ISTE), New Delhi during **07/06/2021** to **11/06/2021** Organised by Department of **Computer Science & Engineering** of **P. R. Pote (Patil) College of Engineering & Management, Amravati.**

Prof.P.V.Kale / Prof. V.B.Bhagat	**Dr.A.B.Gadicha**	**Dr. A. V. Kale**
Programme Convenor	**HOD,CSE**	**Principal**

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College of Engineering & Management, Amravati Institute Code : 1107
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- Kathora Road, Amravati, Maharashtra, India
- Ph. No. : +91-721-2970110, Fax No. : +91-721-2530089, Email : prpotepatilcollege@gmail.com
- Web. : www.prpcem.org, www.prpatilcollege.org

Ref/PRPCOEM/CSE/2020-21/ Online STTP-01 Date: 12/06/2021

Appreciation Letter

To,

Dr. Momd. Atique
Professor,
P.G. Department of Computer Science,
Sant Gadge Baba Amravati, University.

Subject: Appreciation Letter delivering a Session for Online STTP on **"Unleashing the Potential of Data Science for Engineers"**

Dear Sir,

We, the Department of Computer Science and Engineering, PRPCOEM organized Online One Week STTP on ***"Unleashing the Potential of Data Science for Engineers"*** From 7/06/2021 to 11/06/2021.

In view of the same, for the appreciation and gratitude from the Our Institution, this letter is being issued for your valuable time and efforts for smooth conduction of the session. Your cooperation has made this STTP a grand success. We would like to thank you for such a wonderful delivery and hope for new collaborations in future.

Schedule date of Session: 07/06/2021

Thank you.

Prof.P.V.Kale Prof.V.B.Bhagat
STTP Coordinators

Dr.A.B.Gadicha
HOD, CSE

Dr. A. V. Kale
Principal

"Shri. Gajanan Maharaj, Prasanna"

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- Web. : www.prpcem.org, www.prpatilcollege.org

Ref/PRPCOEM/CSE/2020-21/ Online STTP-01 Date: 12/06/2021

Appreciation Letter

To,

Dr. P.N.Mahalle
Professor & Head of Department of Computer Engineering,
Smt. Kashibai Navale College of Engineering,
Pune.

Subject: Appreciation Letter delivering a Session for Online STTP on **"Unleashing the Potential of Data Science for Engineers"**

Dear Sir,

We, the Department of Computer Science and Engineering, PRPCOEM organized Online One Week STTP on ***"Unleashing the Potential of Data Science for Engineers"*** From 7/06/2021 to 11/06/2021.

In view of the same, for the appreciation and gratitude from the Our Institution, this letter is being issued for your valuable time and efforts for smooth conduction of the session. Your cooperation has made this STTP a grand success. We would like to thank you for such a wonderful delivery and hope for new collaborations in future.

Schedule date of Session: 08/06/2021

Thank you.

Prof.P.V.Kale Prof.V.B.Bhagat		Dr.A.B.Gadicha	Dr. A. V. Kale
STTP Coordinators		**HOD, CSE**	**Principal**

"Shri Gajanan Maharaj Prasanna"

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- Web. : www.prpcem.org, www.prpatilcollege.org

Ref/PRPCOEM/CSE/2020-21/ Online STTP-01 Date: 12/06/2021

Appreciation Letter

To,

Dr. Kamal Gulati,
Associate Professor, Amity University, Noida,
Uttar Pradesh, India

Subject: Appreciation Letter delivering a Session for Online STTP on **"Unleashing the Potential of Data Science for Engineers"**

Dear Sir,

We, the Department of Computer Science and Engineering, PRPCOEM organized Online One Week STTP on ***"Unleashing the Potential of Data Science for Engineers"*** From 7/06/2021 to 11/06/2021.

In view of the same, for the appreciation and gratitude from the Our Institution, this letter is being issued for your valuable time and efforts for smooth conduction of the session. Your cooperation has made this STTP a grand success. We would like to thank you for such a wonderful delivery and hope for new collaborations in future.

Schedule date of Session: 09/06/2021

Thank you.

Prof.P.V.Kale Prof.V.B.Bhagat
STTP Coordinators

Dr.A.B.Gadicha
HOD, CSE

Dr. A. V. Kale
Principal

"Shri Gajanan Maharaj Prasanna"

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- Web. : www.prpcem.org, www.prpatilcollege.org

Ref/PRPCOEM/CSE/2020-21/ Online STTP-01 Date: 12/06/2021

Appreciation Letter

To,

Dr. Amol Bhopale,
Dept of CSE
VNIT Nagpur.

Subject: Appreciation Letter delivering a Session for Online STTP on **"Unleashing the Potential of Data Science for Engineers"**

Dear Sir,

We, the Department of Computer Science and Engineering, PRPCOEM organized Online One Week STTP on ***"Unleashing the Potential of Data Science for Engineers"*** From 7/06/2021 to 11/06/2021.

In view of the same, for the appreciation and gratitude from the Our Institution, this letter is being issued for your valuable time and efforts for smooth conduction of the session. Your cooperation has made this STTP a grand success. We would like to thank you for such a wonderful delivery and hope for new collaborations in future.

Schedule date of Session: 10/06/2021
Thank you.

Prof.P.V.Kale Prof.V.B.Bhagat
STTP Coordinators

Dr.A.B.Gadicha
HOD, CSE

Dr. A. V. Kale
Principal

"Shri Gajanan Maharaj Prasanna"

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- Web. : www.prpcem.org, www.prpatilcollege.org

Ref/PRPCOEM/CSE/2020-21/ Online STTP-01 Date: 12/06/2021

Appreciation Letter

To,

Dr. Chitra.A.Dhawale
Asst. Professor CSE Dept,
PRPCEM,Amravati

Subject: Appreciation Letter delivering a Session for Online STTP on **"Unleashing the Potential of Data Science for Engineers"**

Dear Sir,

We, the Department of Computer Science and Engineering, PRPCOEM organized Online One Week STTP on ***"Unleashing the Potential of Data Science for Engineers"*** From 7/06/2021 to 11/06/2021.

In view of the same, for the appreciation and gratitude from the Our Institution, this letter is being issued for your valuable time and efforts for smooth conduction of the session. Your cooperation has made this STTP a grand success. We would like to thank you for such a wonderful delivery and hope for new collaborations in future.

Schedule date of Session: 11/06/2021
Thank you.

Prof.P.V.Kale Prof.V.B.Bhagat
STTP Coordinators

Dr.A.B.Gadicha
HOD, CSE

Dr. A. V. Kale
Principal

P. R. Pote (Patil) College of Engineering & Management, Amravati.
Department of Computer Science & Engineering
2020-21

One Week ONLINE STTP ON "Unleashing the Potential of Data Science for Engineers"

Expenditure

Sr. No.	Activity	Expenditure (Amount in Rs.)	
1	ISTE Sponsorship Fee	1180	1180
2	Resource Person (Speaker/Guest) Renumeration	3*3000= 9000(External Recourse Persons) 1* 2000=2000(internal Resource Person)	11,000
	Total Expenditure		**11,180**

STTP Coordinator
Prof. V. B. Bhagat

H.O.D CSE
Dr. A. B. Gadicha

STTP_LEAFLET_CSE

07 June to 11 June 2021

Patrons:

Hon'bleShri. Pravinkumar R.Pote
President,P. R. Pote (Patil) Education & Welfare Trust's Group of Institutions, Amravati (M.S.)

Hon'ble Shri Shreyas P. Pote
Vice-President, P. R. Pote (Patil) Education & Welfare Trust's Group of Institutions, Amravati (M.S.)

Hon'ble Dr. S. A. Ladhake
Director,P.R.Pote(Patil)Education&Welfare Trust's Group of Educational Institutions, Amravati(M.S.)

General Chair:

Dr. A. V. Kale, Principal, PRPCE&M, Amravati

Dr.Mohd.Zuhair Vice- Principal, PRPCE&M, Amravati.

Dr. A. B. Gadicha, HOD CSE PRPCE&M Amravati.

About the Institution

P. R. Pote (Patil) Education & Welfare Trust's Group of Institutions, Amravati is a foremost name in higher Education in Maharashtra. The Group offers UG, PG and doctoral courses in various disciplines of Engineering, Management and Technology. Various courses offered by the Group include BE, ME, PhD, MBA, MCA, Polytechnic, B. Arch, B.Ed., B. Pharm., D. Pharm., B.Sc. (Agriculture) and CBSE Schooling. By the blessings of Shri Sant Gajanan Maharaj, we aim at developing a pursuit of knowledge in students, commitment to economic, social & cultural uplifting of masses. The Institute named PRPCE&M highly believes in nurturing ethics and moral values in students. The Institute has dedicated teaching staff, digital classrooms, WiFi campus, finishing school, Placement cell, state-of-art auditorium, well equipped laboratories, and digital library with quality infrastructure. Our constant Endeavour is to provide gamut of opportunities for our students to make them skilled engineers, top class managers and also good citizens.

About the Department

The Department of Computer Science & Engineering here with welcomes the bright students, faculty, industries, sponsors and well-wishers to engage with us. We are dedicated to achieve excellence in Computer Science & Engineering for serving the growing needs of Software industry and society at a large. We focus on doing basic research and solving important problems in the core and emerging areas of computing as well as important problems of the world. We provide our students a challenging and well-rounded training, and prepare them to be able to innovate, solve problems, and take on an important role in the career of their own choice. We are looking to grow our Department to have high impact by attracting bright minds at all levels.

Objectives of the STTP

The objective of the STTP is to provide knowledge on new emerging technologies in Data Science. This one-week STTP course will include lectures & hands on training. The participants will be trained on different software approach in order to have an in-depth insight into the domain of Data Science. The sessions will be conducted by distinguished experts in Data Science.

ISTE Approved
Short Term
Training
Program (STTP)
On

"Unleashing the Potential of Data Science for Engineers"

Date: 7th June to 11th June 2021

Organized by

Department of

Computer Science and Engineering

P.R.Pote (Patil) Education and Welfare Trust's Group of Institutions

College of Engineering & Management, Amravati

(Recognized by AICTE, New Delhi & Affiliated to SGBAU, Amravati)

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P. R. Pote Patil

Education And Welfare Trust's

College of Engineering & Management, Amravati

Approved By AICTE & Affiliated to Sant Gadge Baba Amravati University, Amravati (College Code 1107)

NAAC

Department of MBA

Date: 23/03/2021

Notice

All the students and faculty members are hereby informed that the Department of MBA is going to organize webinar on 24 March 2021 at 2 pm. All are instructed to remain present and maintain decorum in the program.

Details of the program are as under:

Topic: 'Intellectual Property Rights'

Guest Speaker: Advocate Swapnil Gawande

Venue: Department of MBA (Online platform)

Date: 24/03/2021

Time: 2 pm – 3.30 pm

Coordinator - Events
Prof. Sachinkumar B. Kadu
(Department of MBA)

HOD
Prof. Sagar R. Shah
(Department of MBA)

H.O.D. (MBA Dept.)
P.R. Pote (Patil) College of Engg. & Management,
Amravati.

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P. R. Pote Patil

Education And Welfare Trust's

College of Engineering & Management, Amravati

Approved By AICTE & Affiliated to Sant Gadge Baba Amravati University, Amravati (College Code 1107)

Date:24/03/2021

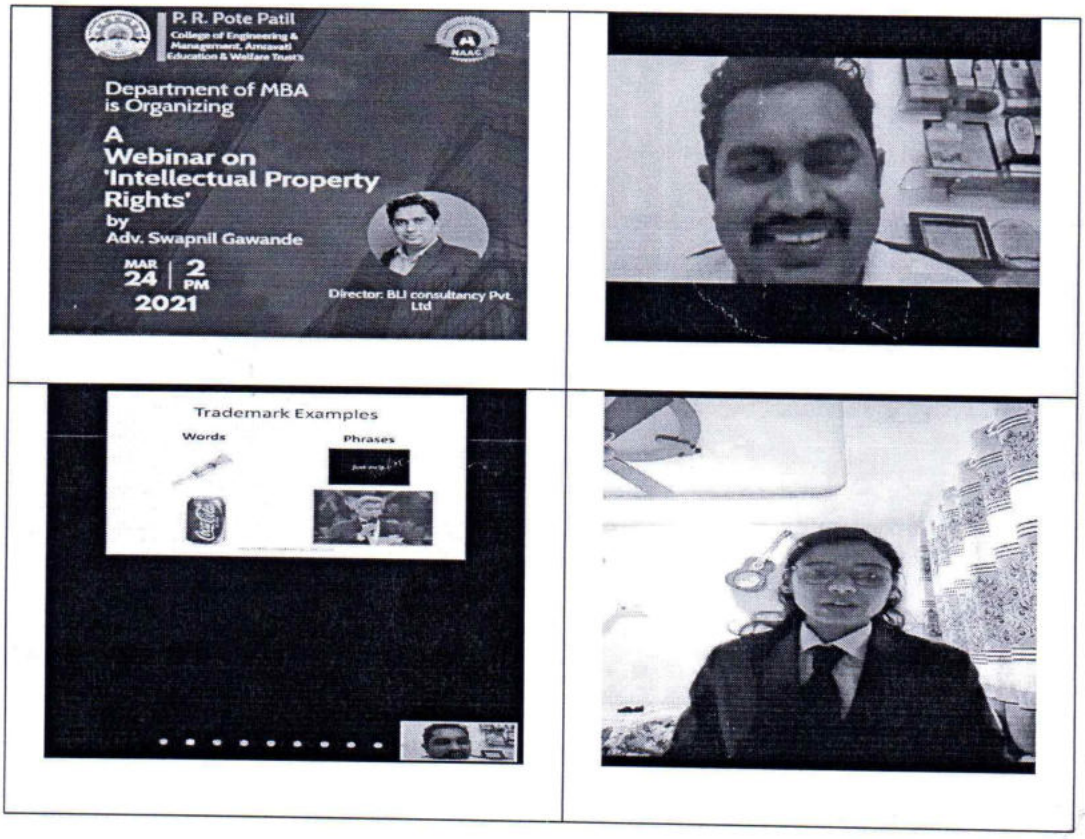
Webinar on 'Intellectual Property Rights'

Guest: Adv. Swapnil Gawande.

Department of MBA, PRPCEM, organized a webinar on 'INTELLECTUAL PROPERTY RIGHTS' for the first and second year students of MBA. The webinar started at 2.00 pm on 24th March, 2021 and was organized on ZOOM meet.The program began with Prof. Sachin D. Raut welcoming the guest speaker Adv. Swapnil Gawande. Ku. Mugdha Korde, student of 2nd year MBA, officially introduced the guest to the audience.

Mr. Gawande in focused his presentation on Trademark and Copyright. He explained to students, in detail, about different aspects related to trademark and copy right with some wonderful examples. The topic was important from the point of view of MBA students and Adv. Gawande made it look so easy. In a nut shell, he explained students the concept and the implantation frame work of the same. He also answered different queries asked by the students.

It was a wonderfully organized webinar where student's enthusiasm and participation was at its best. One hundred and eleven students were present for the webinar. The program ended with Ku. Priya Dhankani, student of 1st year MBA, giving the vote of thanks.



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P. R. Pote Patil

Education And Welfare Trust's

College of Engineering & Management, Amravati

Approved By AICTE & Affiliated to Sant Gadge Baba Amravati University, Amravati (College Code 1107)

NAAC

Department of MBA

Date: 02/04/2021

Notice

All the students and faculty members are hereby informed that the Department of MBA is going to organize webinar on 5th April 2021 at 11 am. All are instructed to remain present and maintain decorum in the program.

Details of the program are as under:

Topic: 'Excel for Professionals'

Guest Speaker: Ms. Shraddha R. Kapure

Venue: Department of MBA (Online platform)

Date: 05/04/2021

Time: 11.00 AM – 1.00 PM

Coordinator - Events
Prof. Sachinkumar B. Kadu
(Department of MBA)

HOD
Prof. Sagar R. Shah
(Department of MBA)

H.O.D. (MBA Dept.)
P.R.Pote (Patil) College of Engg. & Management
Amravati

P. R. Pote Patil
Education And Welfare Trust's
College of Engineering & Management, Amravati
Approved By AICTE & Affiliated to Sant Gadge Baba Amravati University, Amravati (College Code 1107)

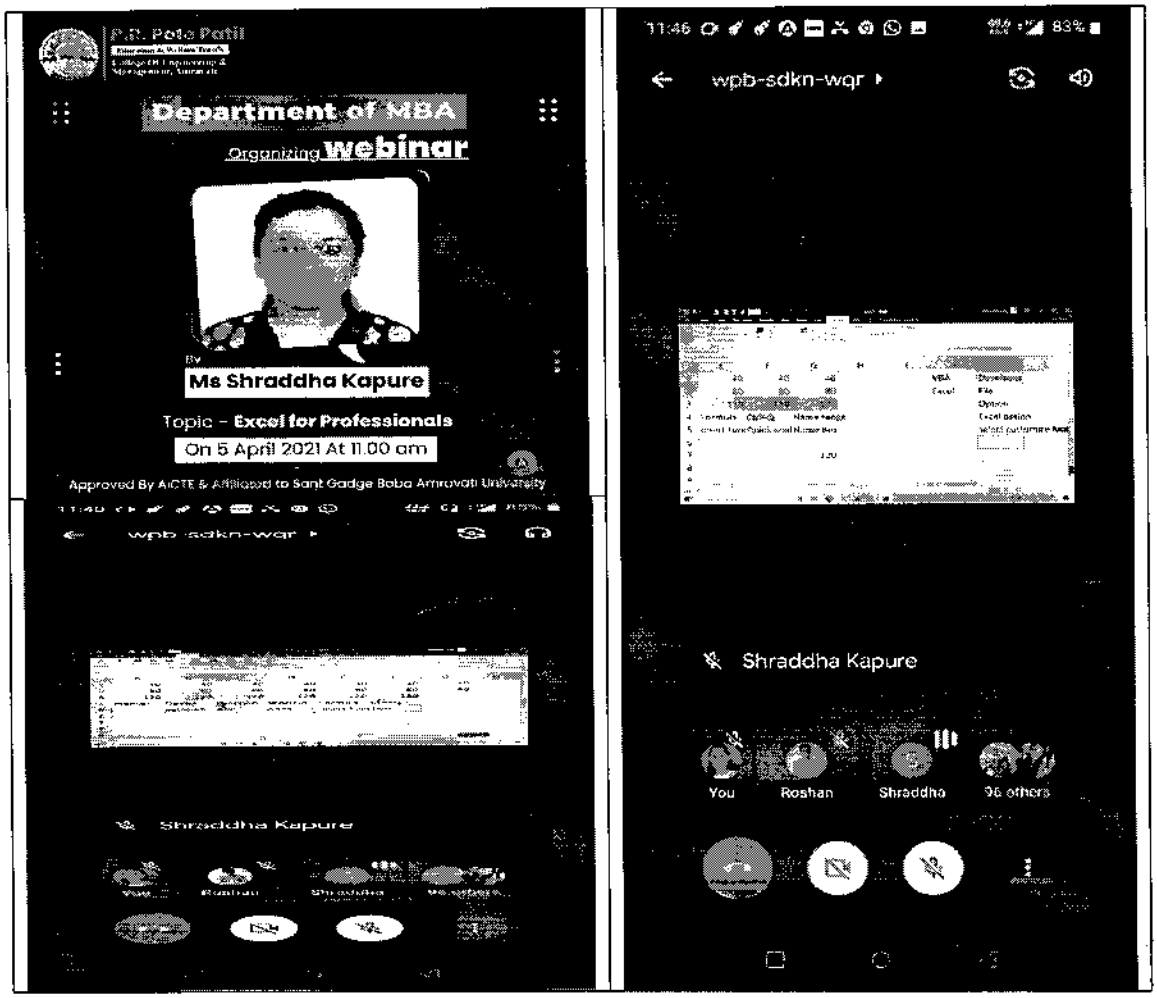
Date: 05/04/2021

Webinar on 'Excel for Professionals'

Guest: Ms. Shraddha R. Kapure

Department of MBA, PRPCEM, organized a webinar on 'Excel for Professionals' for the first and second year students of MBA. The webinar started at 11.00 am on 5th April, 2021 and was organized on Google meet. Prof. Sachinkumar Kadu welcomed the guest Mrs. Shraddha R. Kapure.

Ms. Kapure explained to students the importance of Ms-Excel in corporate world and how handful knowledge in this field is compulsory, to reap benefits in the career. She highlighted various examples from corporate and emphasized the need for students to acquire knowledge of Ms-Excel tools for enhancing technical skills to strengthen career prospects. She explained different applications of Excel through on-screen demonstration of some live programs. Ms Kapure enlisted few on-line courses to gain advantage of the pandemic time to build knowledge and technical skills. It was a wonderfully organized webinar with the participation of one hundred and ten students.



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Education And Welfare Trust's

College of Engineering & Management, Amravati

Approved By AICTE & Affiliated to Sant Gadge Baba Amravati University, Amravati (College Code 1107)

Department of MBA

Date: 03/062021

Notice

All the students and faculty members are hereby informed that the Department of MBA is going to organize webinar on 4 June 2021 at 4 pm. All are instructed to remain present and maintain decorum in the program.

Details of the program are as under:

Topic: 'Mindful Management for Rewarding Results'

Guest Speaker: Mrs. Ujjwala M. Kulkarni

Venue: Department of MBA (Online platform)

Date: 04/06/2021

Time: 4 pm – 5.30 pm

Coordinator - Events
Prof. Sachinkumar B. Kadu
(Department of MBA)

HOD
Prof. Sagar R. Shah
(Department of MBA)

H.O.D. (MBA Dept.)
P.R.Pote (Patil) College of Engg. & Management
Amravati.

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Education And Welfare Trust's

College of Engineering & Management, Amravati

Approved By AICTE & Affliated to Sant Gadge Baba Amravati University, Amravati (College Code 1107)

Date: 4/06/2021

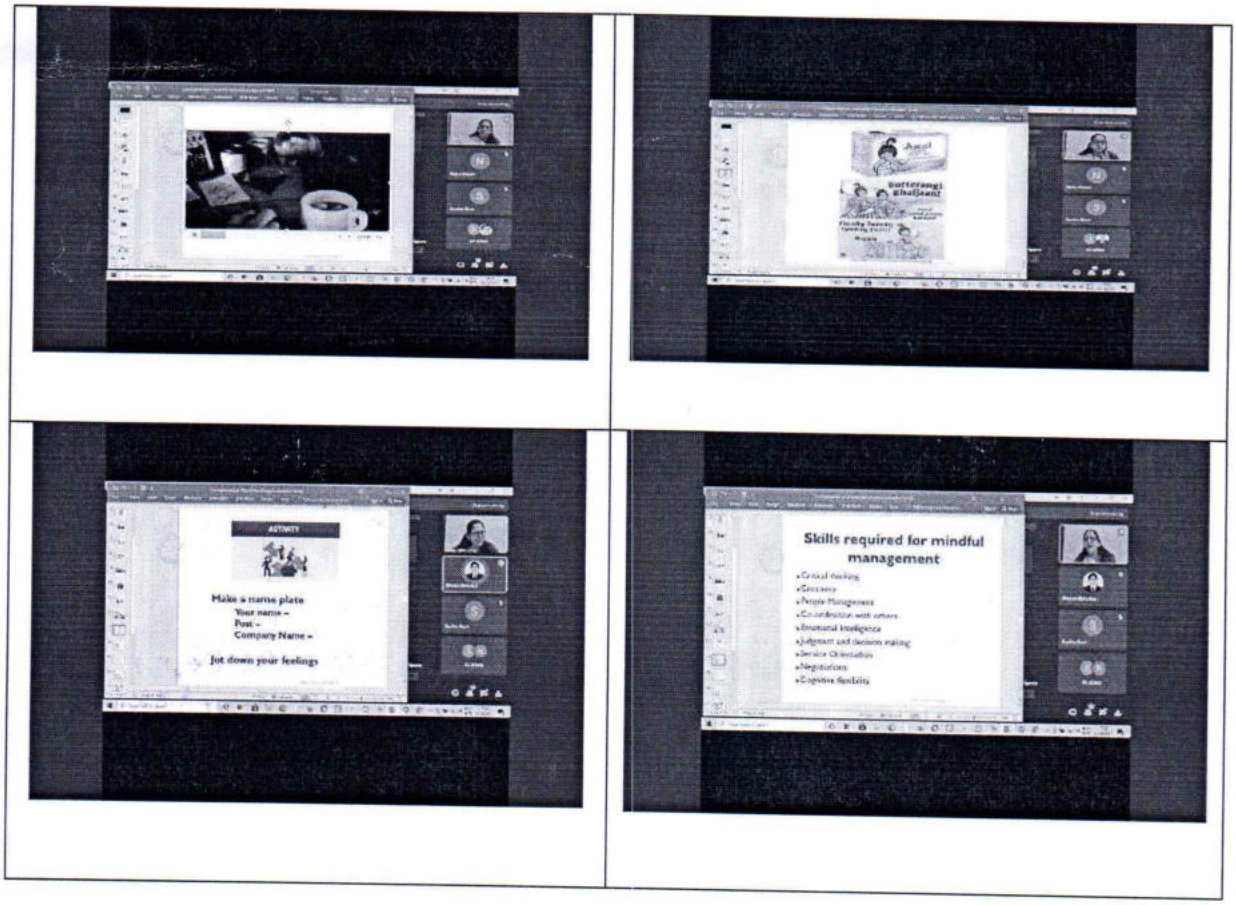
Webinar: 'Mindful Management for Rewarding Results'

Guest: Mrs. Ujjwala M. Kulkarni

Department of MBA (Pote Management), PRPCEM, organized a webinar on 'Mindful Management for Rewarding Results' on 04/06/2021. The webinar was organized on Google meet and was attended by the students of MBA. At the start of the program Prof. Sachin D. Raut welcomed the guest speaker Mrs. Ujjwala M. Kulkarni. Ku. Neha Dhoke, student of 2nd year MBA, officially introduced the guest to the audience.

Mrs. Kulkarni explained to students the importance of mindful decision making in adverse situations to reap larger benefits in the future. She gave different examples from both ends, corporates as well as of individuals, to explain her point. Addressing the students she also emphasized the need for the students to be mindful of acquiring different skills at this stage to strengthen career prospects. Best decisions are made in adverse situations. Therefore, students should take best advantage of the pandemic to build knowledge and skills, she said.

The message was well received by the students. Their participation was at its peak. The program ended with Ku. Shikha Bais, Student of 1st year giving vote of thanks.



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P. R. Pote Patil

Education And Welfare Trust's

College of Engineering & Management, Amravati

Approved By AICTE & Affiliated to Sant Gadge Baba Amravati University, Amravati (College Code 1107)

Date: 4/06/2021

Webinar: 'Mindful Management for Rewarding Results'

Guest: Mrs. Ujjwala M. Kulkarni

Department of MBA (Pote Management), PRPCEM, organized a webinar on 'Mindful Management for Rewarding Results' on 04/06/2021. The webinar was organized on Google meet and was attended by the students of MBA. At the start of the program Prof. Sachin D. Raut welcomed the guest speaker Mrs. Ujjwala M. Kulkarni. Ku. Neha Dhoke, student of 2nd year MBA, officially introduced the guest to the audience.

Mrs. Kulkarni explained to students the importance of mindful decision making in adverse situations to reap larger benefits in the future. She gave different examples from both ends, corporates as well as of individuals, to explain her point. Addressing the students she also emphasized the need for the students to be mindful of acquiring different skills at this stage to strengthen career prospects. Best decisions are made in adverse situations. Therefore, students should take best advantage of the pandemic to build knowledge and skills, she said.

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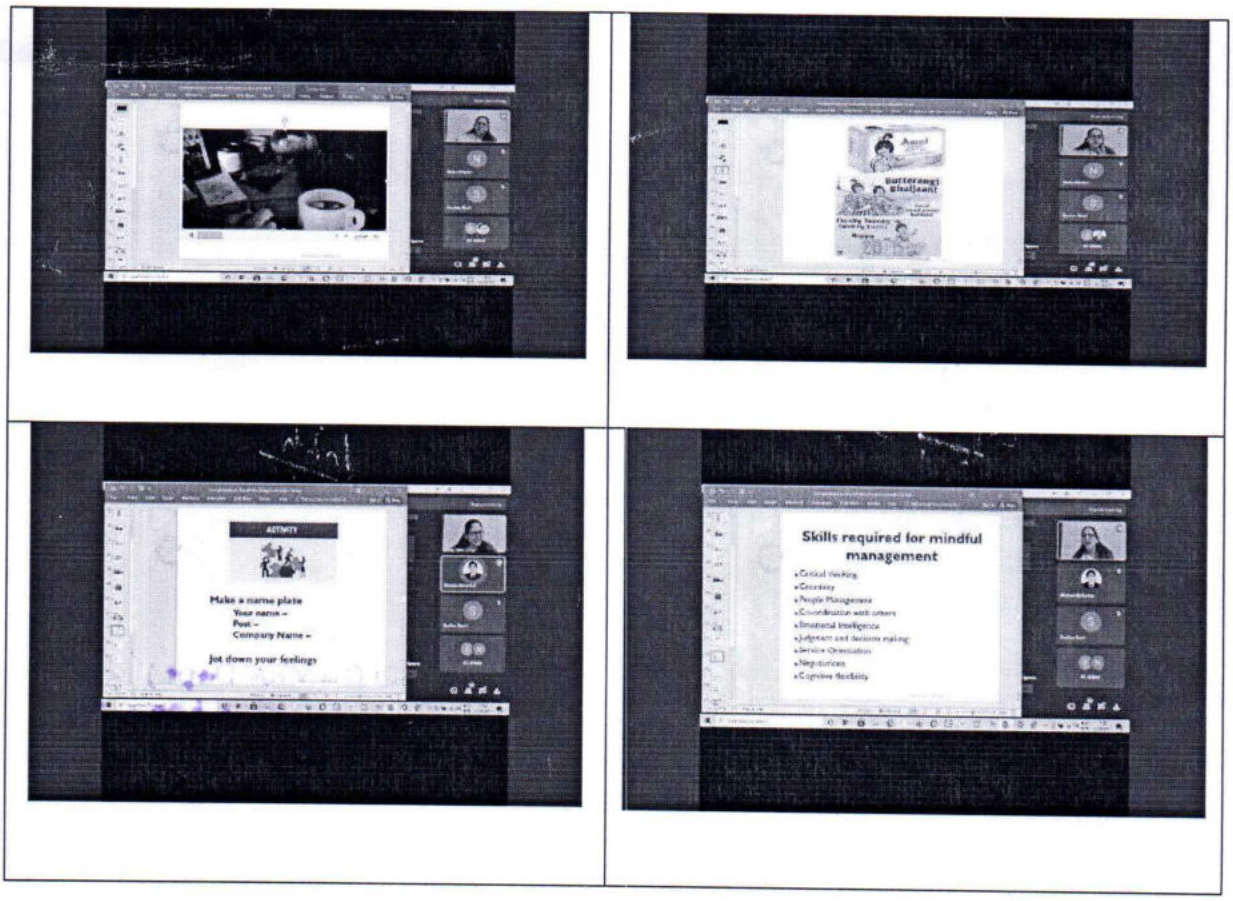

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Education And Welfare Trust's

College of Engineering & Management, Amravati

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Department of MBA

Date: 15/07/2021

Notice

All the students and faculty members are hereby informed that the Department of MBA is going to organize webinar on 16/07/2021 at 3 pm. All are instructed to remain present and maintain decorum in the program. Details of the program are as under:

Topic: Pharma Marketing: Driving force of Pharmaceutical Industry

Guest Speaker: Mr. Prasad Bhagwat

Venue: Department of MBA (Online platform)

Date: 16/07/2021

Time: 3 pm – 4.30 pm.

Coordinator - Events
Prof. Sachinkumar B. Kadu
(Department of MBA)

HOD
Prof. Sagar R. Shah
(Department of MBA)

H.O.D. (MBA Dept.)
P.R.Pote (Patil) College of Engg. & Management
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Approved By AICTE & Affiliated to Sant Gadge Baba Amravati University, Amravati (College Code 1107)

Date:16/07/2021

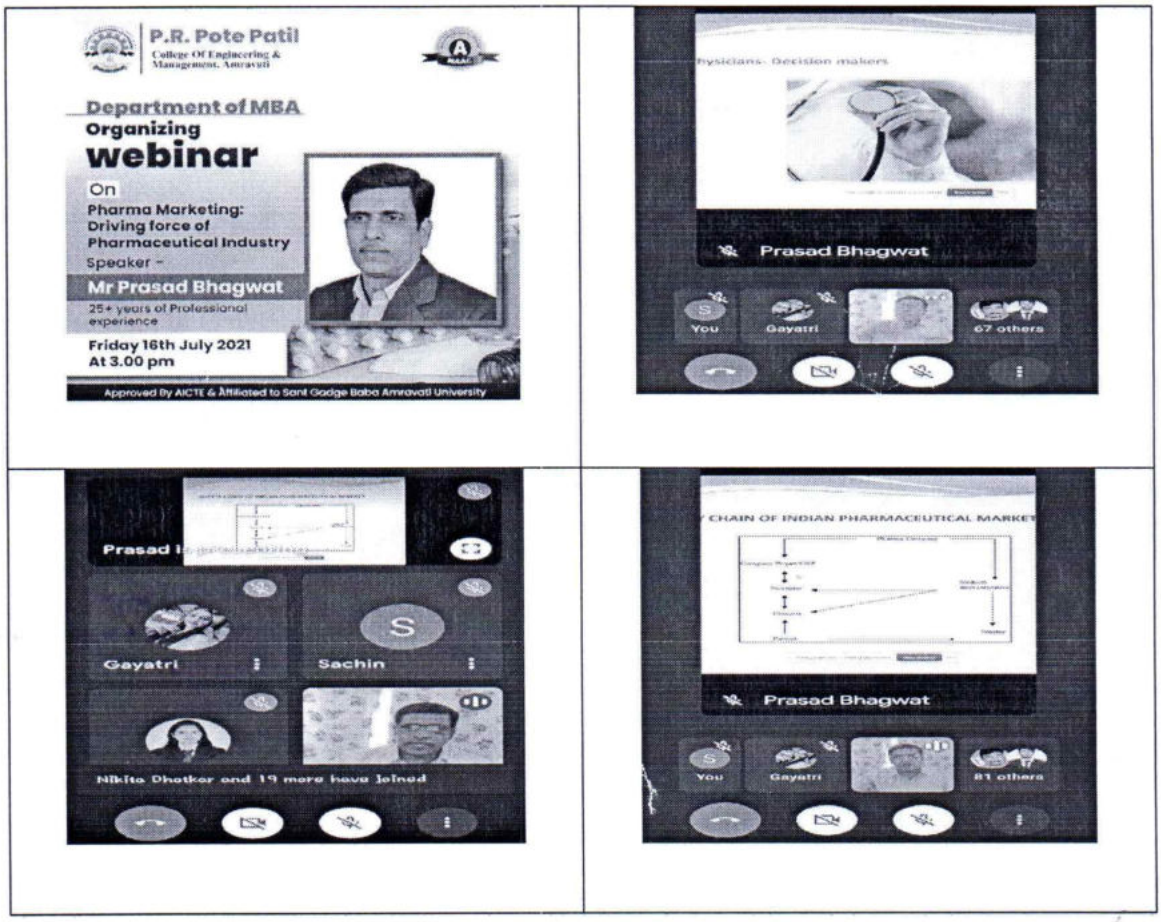
Webinar on 'Pharma Marketing: Driving Force of Pharmaceutical Industry'

Guest: Mr. Prasad Bhagwat

Department of MBA, PRPCEM, organized a webinar on 'Pharma Marketing: Driving Force of Pharmaceutical Industry' for the first and second year students of MBA. The webinar started at 3.00 pm on 16th July, 2021 and was organized on Google meet. The program began with Prof. Sachin D. Raut welcoming the guest speaker Mr. Prasad Bhagwat. Ku. Gayatri Shirbhate, student of 2nd year MBA, officially introduced the guest to the audience.

Mr. Bhagwat began by putting before the students the history of pharmaceutical industry. Later he explained the dynamics involved in pharmaceutical marketing, the role of sales force and the different strategies followed during the life cycle of the product. He also emphasized the importance of supply chain management in the marketing function of pharmaceutical industry.

It was a wonderfully organized webinar where all the faculty members and students participated. There were 50 students present for the webinar. The program ended with Ku. Priya Rahate, student of 1st year MBA, giving the vote of thanks.



Webinar Consolidated Attendance

lo.	24-Mar		4-Jun		5-Apr	
	Sem 1	Sem 4	Sem 1	Sem 4	Sem 1	Sem 2
	Shivani Gajananrao Belankar	NEHA SUNIL DHOKE	Kushal Rathod	Neha Dhoke	Vikas Bhanudas Andraskar	Akshay shirbhate
	Vikas Bhanuds Andraskar	TILAKCHAND GARADE	Sonali Vijay Mankar	Urmila Dhanraj Barbudhe	Saurabh keshav yadav	Nikita Chandrashekhar khanna
	Harsh Rajkumar Agrawal	SONARE	Gaurav vijay kaware	Pratik Vijay Yeotkar	Sonali Vijay Mankar	Murlidhar Devkisanji Bejaj
	Pornima Diliprao Bramhane	TAYADE	Abhijeet Vasant Bharati	Apeksha Rajeshrao Kadu	Shubham Nanaji Wankhade	Rutuja Jagdish Deshmukh
	Chetna Balasaheb Jumle	DEVKISANJI BAJAJ	Shubhangi suresh Khandetod	Kanchan Sonare	Ashwini Ramesh Sontakke	Pooja Ramesh Tayade
	Roshani Nandkishor Deshmukh	KAKANI	Pornima Dilip Bramhane	Kunal Vijayrao Wankhade	Pooja panditrao chaudhari	Shruti Sanjay Kharate
	Ashwini Ramesh Sontakke	KALE	Roshani Deshmukh	Ashwini Raut	SHIKHA SUMERSINGH BAIS	Vishal Ramesh Thete
	Amisha Vijay Deshmukh	JOLHE	Vaishnavi Ramesh Nandne	Surbhi Navalkishor Rathi	Shamal Janardhan Ingle	Mayuri Ravindra Tayade
	Roshan Prakashrao Kakade	RAUT	Chetana Balasaheb Jumle	Neha Dhoke	Amisha Deshmukh	Surbhi Navalkishor Rathi
	Krutika Rajendra Panchagam	JADHAV	Shruti ravindra kakade	Mrunal s pandit	Mukta Kokate	Aachal Manohar Wadhankar
	Roshan Sunil Dhankani	BARBUDHE	Ritik Prakashrao Deshmukh		Ashwini madhukarrao ingle	Apeksha Rajeshrao Kadu
	Poonam Dadarao Patankar	YEOTKAR	Divya Rajesh Gulhane		Pornima Dilip Bramhane	Rutuja Paranjale
	Shruti Ravindra Kakade	KADU	Sonali vijay mankar		Prachi Prafullrao Dhoke	Dipika Dnyaneshwar jolhe
	Tejaswini Sanjayrao Kembal	RUPALI PRATAP MALWE	Tejaswini sanjayrao kembal		Ritik Prakashrao Deshmukh	Kanchan Sonare
	Manisha Rameshwar Zod	SADIQUE	Nisha Bhagvantrao Kothalkar		Nisha Bhagventrao Kothalkar	Ankita Vinod Ughade
	Prachi Prafulrao Dhoke	RATHI	Chanchal Gajanan Taywade		Chanchal Gajanan Taywade	Trupti Wade
	Srushti Sunil Deshpande	BIHADE	Varsha Maheshkumar Rajpal		Manisha Rameshwar Zod	Ashwini nandkumar raut
	Shamal Janardhan Ingle	SAKSHI NITIN KORDE	Riya Jagtap		Gayatri Rajivpnat Bakale	Rudrayani Sapdhare
	Shubham Danaji Wankhade	SURESHSWAMI	Harshal Gajananrao Kitukale		Chetana Balasaheb Jumle	Vaishnavi Hemantrao Dawale
	Nisha Bhagvantrao Kothalkar	WANKHADE	Sagar keshaorao Ingole		Namita Arun Durge	Shruti M. Umale
	Varsha Maheshkumar Rajpal	UMALE	Poofa panditrao chaudhari		Tejaswini sanjayrao kembal	Aboli Pramodrao Kalbande
	Shubhangi Suresh Khandetod	GULHANE	Vikas Bhanudas Andraskar		Roshan Prakashrao Kakade	Apurva Pramod Kalbande
	Gargi Raju Bakale	WASANKAR	Mohd Kashif Abdul Kalam		Varsha Maheshkumar Rajpal	Piyush vyas
	Nikita Ashokrao Dhotkar	BARPETE	Radhika Arvindrao Yawale		Komal wasudevrao rathod	Santoshi Dilip Burhan
	Shikha Surajsing Bais	SWAPNIL SANJAY RAI	Vaishnavi Ramesh Nandne		Shiavni Gajanan Belankar	Pratik Vijay Yeotkar
	Samir Suresh Rehapade	LOKHANDE	Harshal Gajananrao Kitukale		Divya Rajesh Gulhane	Sakshi Sudhakar Phate
	Pooja Panditrao Chaudhari	HEMANTRAO DAWALE	Komal wasudevrao rathod		Shubhangi suresh Khandetod	Komal R Kokate
	Abhijeet Vasant Bharati	BOBADE	Ankush arunrao kirakte		Pranali pramod pakhale	Pratiksha Sunil Mathurkar
	Priya Shyam Dhankani	IKHAR	Sonali Mankar		Abhijeet Vasant Bharati	Shrihari v. Wasankar
	Ajinkya Diliprao Kherde	BURHAN	Ashwini ingle		Ankush arunrao kirakte	Kalpesh Vinodrao Wankhade
	Divya Rajesh Gulhane	KOKATE	Srushti Sunil Deshpande		Vaishnavi Ramesh Nandne	Srushti Gulhane
	Priya Raju Rahate	DHANDAR	Mukta Kokate		Nikita Ashokrao Dhotkar	Nikita mahadeorao Shirbhate
	Mrunal Sadanand Pandit	KALBANDE	Poonam Dadarao Patankar		Shruti ravindra kakade	Priyansh Brajesh kakani
	Namita Arun Durge	KALBANDE	Namita Arun Durge		Harshal Gajananrao Kitukale	Ankush Suresh majalgaonkar
	Vaishnavi Ramesh Nandne	KORDE	Amisha deshmukh		Poonam dadarao patankar	Shaikh imran Shaikh sadique
	Ritik Prakasrao Deshmukh	TAYADE	SHIKHA SUMERSINGH BAIS		RADHIKA ARVINDRAO YAWALE	Gayatri shirbhate
	Chanchal Gajanarao Taywade	SAPDHARE	Manisha Rameshwar Zod		Samir Suresh Rehapade	Rupesh Santoshrao Dhandar
	Sachin Sudhakar Meshram	PARANJALE	Krutika Rajendra Panchgam		Saurabh Bhashkar Ganeshpure	Shraddha Vikas Lokhande
	Altamash Sani Mohd Alim	DESHMUKH	Chetana Balasaheb Jumle		HARSH RAJKUMAR AGRAWAL	Manisha Suresh Jadhav
	Pranali Pramod Pakhale	SHIRBHATE	Ruchika Sanjay Kanerkar		Rohit shashikant dubey	Prajwal prakash malthane
	Ankush Arunrao Kirkate	TRUPTI ANIL WADE	Shivani Belankar		Ajinkya Diliprao Kherde	Mugdha Korde
	Radhika Arvindrao Yawale	WADHANKAR	Pornima Bramhane		Krutika Rajendra Panchgam	Swapnil Sanjay Rai
	Pranit Ganesh Khot	BOBADE	Gayatri Rajivpnat Bakale		Pranit khot	Vaishnavi R Bobade
	Mohit Bhanudas Tipare	SHIRBHATE	Rohit dubey		Roshani Nandkishor Deshmukh	Ankita Dhatrak
	Gaurav Vijay Kaware	PHATE	Nikita Ashokrao Dhotkar		Mohit bhanudas tipare	AsthaBajpai
	Sagar Keshaorao Ingole	SIRAJUL HAQUE	Roshan Kakade		Yash Manoj Olambe	Rupali Pratap Malwe
			Samir Suresh Rehapade		Gaurav vijay kaware	
			Komal wasudevrao rathod			
			Pranali pramod pakhale			
			Sachin Sudhakar Meshram			
			SAURABH BHASHKAR GANESHPURE			
			Kunal Ganeshrao Pikalmunde			
	46	46	52	10	47	46
	92		62		93	

Name of the course: Pharma Marketing: Driving force of Pharmaceutical Industry

Nature of course:Webinar

Name of resource person: Mr. Prasad Bhagwat

Course duration: 3.00 PM – 4.30 PM (1.30 hours) (16th July 2021)

Target participants: First and Second year students of MBA

Course contents: Historical perspective of Pharmaceutical Industry, Direct Marketing

Career Opportunity: Pharmaceutical Industry, Marketing

Objectives of the course:

1. To help students understand the history and development of Pharmaceutical Industry in India.
2. To help students understand the process of pharma marketing
3. To help students understand the marketing mix of pharma marketing.

Outcomes of the course:

1. Students understood the evolution of pharma industry in India.
2. Students understood the process of pharma marketing.

Coordinator - Events
Prof. Sachinkumar B. Kadu
(Department of MBA)

HOD
Prof. Sagar R. Shah
(Department of MBA)

H.O.D. (MBA Dept.)
P.R.Pote (Patil) College of Engg. & Management
Amravati

Name of the course: Mindful Management for Rewarding Results

Nature of course: Webinar

Name of resource person: Mrs. Ujjwala M. Kulkarni

Course duration: 4PM – 5.30 PM (1.30 hours) on 4TH June 2021

Target participants: First year students of MBA.

Course contents: Industry analysis, professional skills and entrepreneurial skills.

Career Opportunity: In the field of management in any sector where a person has to organize himself in order to perform consistently.

Objectives of the course:

1. To acquaint the students about the importance of being mindful about the changes taking place in the surround.
2. To help the student understand different skills required to be successful in careers.

Outcomes of the course:

1. Students understood the importance of being aware of the changes taking place in industry and keep upgrading themselves in order to sustain in the industry.
2. Students learned the importance of upgrading their skills in order to stay competitive.

Coordinator - Events
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HOD
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Amravati.

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P. R. Pote (Patil) Education & Welfare Trust's Group of Institutions College of Engg. & Management, Amravati

Index

Session 2020-21

3.2- Research Publication and Awards

3.2.1Number of papers published per teacher in the Journals notified on UGC website during the year

Sr.No.	Particulars	Page Number
1	AQAR Cover Page	460-470
2	First Year Department	471-473
3	Electrical Department	474-504
4	Mechanical Department	505
5	CSE Department	506-518

Key Indicator 3.2- Research Publication and Awards

Metric No.	
3.2.1. QnM	**Number of papers published per teacher in the Journals notified on UGC website during the year**

3.2.1.1. Number of research papers in the Journals notified on UGC website during the year

Year	2020-21
Number	35

Data Requirement: (As per Data Template)

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
First Year						
Anisotropic plane symmetric model with massless scalar field	Dr.Sarika P. Shahare	Applied science & Humanities	Indian Journal of Physics , Springer	Jul-20	eISSN 0974-9845 Print ISSN 0973-1458	https://link.springer.com/article/10.1007/s12648-020-01795-3
Conventional Method of Cancer Diagnosis: Biopsy	Dr. Smita A. Patil	Applied science & Humanities	International Journal of Scientific Research in Science and Technology	Jan-Feb 2021	eISSN 2395-602x Print ISSN 2395-6011	https://ijsrst.com/archive.php?v=11&i=56&pyear=2021
Electrical Engineering.						

		Power Quality Analysing And Fault Detection Unit	Prof..D.A.Shahakar	EE	International Research Journal Of Modernization In Engineering Technology And Science, (IRJMETS), Volume 3, Issue 5, May 2021.	2021	--	https://webcache.googleusercontent.com/search?q=cache:nOX13m7gkzMJ:https://irjmets.com/rootaccess/forms/uploads/IRJMETS13 3507.pdf+&cd=1&hl=en&ct=clnk&gl=in
		Simulation of Hybrid Electric Vehicle Battery by using MATLAB Simulink	Prof..D.A.Shahakar	EE	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET) | e-	2021	ISSN: 2319-8753, p-ISSN: 2320-6710	http://www.ijirset.com/upload/2021/june/41_Simulation_NC.pdf
		Smart Agriculture System using IoT	Prof..D.A.Shahakar	EE	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET) | e-	2021	ISSN: 2319-8753, p-ISSN: 2320-6710	http://www.ijirset.com/upload/2021/june/109_Publishe_NC.pdf
		Introdu	Prof..D	EE	Date	2020		https://

		Introduction and Classification of Classical and Advanced Optimization Methods for Electric Power System	Prof..D.A.Shahakar	EE	Added to IEEE Xplore: Date 18 August 2020	2020		https://docs.google.com/document/d/11sFk_ChDiu11QPa4DnOqMisYTrjZcxL4/edit?amp%3Bouid=101681865075231624324&amp%3Brtpof=true&amp%3Bsd=true	
		Design & Development of Solar Pannel Cleaning Machine	Prof..D.A.Shahakar	EE	International Research Journal of Engineering and Technology (IRJET) e-	2021	ISSN: 2395-0056 p-ISSN: 2395-0072	https://www.academia.edu/50840341/Design_and_Development_of_Solar_Panel_Cleaning_Machine	
		Introduction and Classification of Classical and Advanced Optimization Methods for Electri	Prof..Y.D. Shahakar	EE	Date Added to IEEE Xplore: 18 August 2020	2020		https://docs.google.com/document/d/11sFk_ChDiu11QPa4DnOqMisYTrjZcxL4/edit?amp%3Bouid=10168	

		c Power System						186507523162 4324&amp%3Brtpof=true&amp%3Bsd=true
		A comparative Analysis of Optimization Technique In Large Scale Transportation Problem To Optimize Mathematical Manipulations	Prof..Y.D. Shahakar	EE	International Journal of Scientific Research in Engineering & Technology	2021		https://drive.google.com/file/d/1cOX_pYPLbghJmiLJO3ltLBHq8O776pMR/view
		A Review on an Finger Movement Based Smart Hand Glove For Special Peoples"	Prof..Y.D. Shahakar	EE	International Journal of Innovative Research In Science , Engineering & Technology-	2021	ISSN: 2319-8753, p-ISSN: 2320-6710|	http://www.ijirset.com/upload/2021/may/45_Smart_NEW.pdf
		Voltage Overloading and Theft Detecti	Prof..Y.D. Shahakar	EE	International Journal of Innovative Research In	2021	ISSN: 2319-8753, p-ISSN: 2320-6710|	http://www.ijirset.com/upload/2021/may/51_VO

		on with Breakdown of Conductor Using IoT			Science , Engineering & Technology-			LTAGE_NC.pdf
		Load Frequency Control in Two Area Power System	Prof..Y.D. Shahakar	EE	International Journal of Innovative Research In Science , Engineering & Technology- |	2021	ISSN: 2319-8753, p-ISSN: 2320-6710	http://www.ijirset.com/upload/2021/may/103_Load_NC1.pdf
		"Empirical Analysis of Available Transfer Capability Determination Methods: A Fuzzy Statistical Perspective"	Prof.P. R. Rane	EE	IJCRT, International Journal of Creative Research Thoughts. ,.	2021	ISSN : 2320-2882	https://ijcrt.org/papers/IJCRT2103551.pdf
		Health Surveillance System Utilizing Iot& Raspberry Pi	Prof.P. R. Rane	EE	International Research Journal Of Modernization In Engineering Technology And Science, (IRJMETS), e-	2021	ISSN: 2582-5208	https://irjmets.com/uploadedfiles/paper/volume3/issue_4_april_2021/9103/1628083371.pdf

		Parks-Hilbert Transforms Statistical Parameters Approach To Classify Ann Network	Prof.P. R. Rane	EE	International Research Journal Of Modernization In Engineering Technology And Science, (IRJMETS), e-.	2021	ISSN: 2582-5208	https://drive.google.com/file/d/1lnRGsNkZ5rsWBVlt-wuCTlU38n247u3g/view
		Intelligence Ambulance – Traffic Management System A Review Article	Prof.P. R. Rane	EE	International Research Journal Of Modernization In Engineering Technology And Science, (IRJMETS), e-	2021	ISSN: 2582-5208	https://drive.google.com/file/d/1Kd_QiK6i8qCDXLcunImGrhljRgDrr7DH/view
		"Empirical Analysis of Available Transfer Capability Determination Methods: A Fuzzy Statistical Perspective"	Prof.P. R. Rane	EE	IJCRT, International Journal of Creative Research Thoughts.	2021	ISSN : 2320-2882,.	https://ijcrt.org/papers/IJCRT2103551.pdf
		"IOT Based Smart Energy Meter for	Dr. S.B. Warkad	EE	International Journal of Innovative Research	2021	ISSN: 2319-8753	http://www.ijirset.com/upload/2021/may/

		Domestic Use"			in Science, Engineering and Technology (IJIRSET),			136_IOT_NC1.pdf
		"Automation of E-Wheelchair for Physically Challenged People"	Dr. S.B. Warkad	EE	International Journal of Innovative Research in Technology (IJIRT)	2021	(ISSN: 2349-6002	http://ijirt.org/Article?manuscript=151380
		Multiple Ac Controlling Unit Based On Different Ai With Dual Language	Dr. S.B. Warkad	EE	International Research Journal of Modernization in Engineering Technology and Science, e- pp 3021-3029	2021	ISSN: 2582-5208,	https://irjmets.com/uploadedfiles/paper/volume3/issue_5_may_2021/11090/1628083449.pdf
		Mutal Inductance In Wireless Charging For E-MOBILITY	Prof. S.A. Jalit	EE	International Research Journal of Modernization in Engineering Technology and Science, e-	2021	ISSN: 2582-5208	
		Ultra Small Water Power Generator For Electricity	Prof. S.A. Jalit	EE	International Journal of Innovative Research in Science,	2021	(ISSN: 2320-6710)	http://www.ijirset.com/upload/2021/may/21_%20Ultra.

		Generation			Engineering and Technology (IJIRSET),			pdf
		A Smart Helmet For Improving Safety in Mining Industry	Prof. S.A. Jalit	EE	International Journal of Advance Research (IJAREEIE),	2021	(ISSN: 2278-8875)	http://www.ijareeie.com/upload/2021/april/48_ASMART_NC.pdf
		To Study Acoustic Tractor Beam	Prof. S.V. Sonkhaskar	EE	International Journal of Innovative Research in science, Engineering and Technology (IJIRSET),	2021	ISSN : 2319-8753),(p-ISSN: 2320-6710)	http://www.ijirset.com/upload/2021/may/29_op_NC.pdf
		Home Automation using IoT	Prof. S.V. Sonkhaskar	EE	International Journal of Advanced research in Electrical, Electronics and Instrumentation Engineering	2021	ISSN: 2278-8875) (ISSN:2320-3765)	http://www.ijareeie.com/upload/2021/june/50_HOME%20_NC.pdf
		A Review on Hydrogen Fuel Cell Based Electric	Dr.A.S.Telang	EE	International Journal of Innovative Research in Science, Engineering and	2021	ISSN: 2319-8753, p-ISSN: 2320-6710|	http://www.ijirset.com/upload/2021/may/15_Sakshi%20_NC.pdf

		Vehicle			Technology (IJIRSET)| DOI:10.15680/IJIRSET.2021.1005015			
		Parameter Estimation of Single-Phase Induction Motor	Dr.A.S.Telang	EE	International Journal of Scientific Research in Science and Technology, Print ISSN: 2395-6011 | Onlin(www.ijsrst.com), doi : https://doi.org/10.32628/IJSRST, Publication Issue March-April-2021	2021	ISSN: 2395-602X	https://www.academia.edu/48855632/Parameter_Estimation_of_Single_Phase_Induction_Motor
		A Review of PV Cell Connected to a Single Phase Photovoltaic Inverter with closed loop Control	Prof.A.A.Ghute	EE	Journal of Xidian University,	2021	ISSN NO: 1001-2400	https://drive.google.com/file/d/1lpL_300TnWkwOX5fZgdBc-3jt75613OA/view
		IoT Enable	Prof.A.A.Ghu	EE	International	2021	ISSN: 2319-8753	http://www.ij

		d Solar Power Monitoring System	te		Journal of Innovative Research in Science, Engineering and Technology IJIRSET, e-			irset.com/upload/2021/june/27_IoT_NC.pdf
		Gas Leakage Detector And Control System Using Gsm Module	Prof.P. M. Mankar	EE	International Journal of Scientific Research in Engineering and Management (IJSREM) | June - 2021	2021	ISSN: 2582-3930	http://ijsrem.com/volume-05-issue-06-june-2021/
		Models and Technology Used in Smart Grid	Prof.P. M. Mankar	EE	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)	2021	ISSN-2320-6710	http://www.ijirset.com/upload/2021/may/83_%20smart%20grid_NC.pdf
		Smart Waste Management Monitoring System	Prof. A. K. Duchakke	EE	Journal of Current Trends in Electrical Engineering, ManTech Publications.	2021		http://mantechpublications.com/admin/index.php/JoCTiEE/
		Heartbeat and Temperature Monitoring	Prof. H.S. Kulat	EE	International Journal of Innovative Research	2021	ISSN-2320-6710	http://www.ijirset.com/upload/2021/may/

System for Remote Patients using Arduino			in Science, Engineering and Technology (IJIRSET)			43_Heart_New1.pdf
Automatic Accident Detection, Ambulance Rescue and Traffic Signal Controller	Prof. H.S. Kulat	EE	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)	2021	ISSN-2320-6710	http://www.ijirset.com/upload/2021/june/93_new_NC.pdf
Mechanical Engineering.						
FAHP comparison with the AHP and its cross validation with current industrial Scenario	Dr.P.R. Wadnerkar	**Mechanical Engineering.**	volume 63,issue 6 Solid state technology	**2020**	**0038-111X**	http://www.solidstatetechnology.us/index.php/JSST/article/view/4393
Computer Science Engineering.						
Performance Analysis of Cascaded Hybrid Symmetric Encryption Models	Pravin Soni, Rahul Malik	CSE	Turkish Journal of Computer and Mathematics Education	2021	1309-4653	https://turcomat.org/index.php/turkbilmat

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Anisotropic plane symmetric model with massless scalar field

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ORIGINAL PAPER

Anisotropic plane symmetric model with massless scalar field

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Abstract: This paper deals with the study of tilted plane symmetric cosmological model in the presence of perfect fluid heat conduction and massless scalar field. We investigate the analytical solution of field equations by imposing power law relation between the metric potentials as well as the equation of state $p = \omega\rho$, $0 \leq \omega \leq 1$. Also, some physical and kinematic parameters of the model are discussed.

Keywords: Tilted model; Plane symmetric; Perfect fluid; Massless scalar field

1. Introduction

In 1920s Albert Einstein and Alexander A. Friedmann proposed a theoretical framework based on general relativity, which is one of the strongest pillars of hot Big Bang theory. It is well known that Einstein's general theory of relativity is the most successful theory of gravitation, used to construct the cosmological models of the universe. Our present understanding of the universe is based upon this hot Big Bang theory, which explains its evolution from the early stage to present stage of the universe. In fact, expansion of the universe, the relative abundance of light elements and the cosmic microwave background (CMB) have helped to establish the hot Big Bang as the preferred model of the universe. Recent modern cosmological observations of Riess et al. [1, 2] and Perlmutter et al. [3] from type Ia Supernovae (SNeIa) point out that our universe is going through accelerated expansion phase. The intriguing evidence for this is obtained with the support of Bennett et al. [4] and Tegmark et al. [5]. This accelerated expansion of the universe causes due to dark energy which is not yet understood. On the large scales, the universe has a flat geometry and this flatness occurs due to matter present in the universe. But there is neither sufficient ordinary matter nor dark matter in the universe to produce this flatness. Hence, the difference must be attributed to the component with negative pressure which is called a dark energy which composes with 3/4 of the critical density. This dark energy causes the accelerated expansion of the universe. The Wilkinson Microwave Anisotropy Probe (WMAP) satellite made precision measurements of CMB fluctuations from which researchers were able to determine several cosmological parameters such as density of the ordinary matter and dark matter, Hubble constant, age of the universe and cosmological constant. Also, WMAP experiment suggested that 73% content of the universe is in the form of dark energy, 23% in the form of non-baryonic dark matter and the rest 4% in the form of the ordinary baryonic matter as well as radiation.

We considered the plane symmetric cosmological model. In recent years, there has been a considerable interest in investigating the plane symmetric cosmologies in spite of spherical symmetry since it plays vital role in understanding inhomogeneities of theoretical cosmology. Inhomogeneous plane symmetric model has been studied by Taub [6, 7], Szekeres [8], Tomimura [9], Singh and Ram [10] and Taroya and Nambu [11]. Plane symmetric model with vacuum and Zel'dovich fluid has been obtained by Mohanty et al. [12]. Pradhan [13] and Venkateswarlu et al. [14] presented inhomogeneous anisotropic non-static plane symmetric model. Also, Mishra [15] has studied the

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Conventional Method of Cancer Diagnosis: Biopsy

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ABSTRACT

Biopsy is the conventional cancer diagnostic technique. In this paper, some literature survey has been done and it is observed that the conventional method of cancer diagnostic has got some drawbacks and limitations. More research work in spectroscopic techniques can lead to an improved method to detect cancer.

I. INTRODUCTION

In middle ages Abu al Qasim Khalaf ibn al Abbas Al Zahrawi, an Arab Physician, surgeon and pharmacist was first to describe and perform [illegible] in his Illustrious Book.

In modern era the term biopsy was introduced in [illegible] pathology in 1879 by Ernest Besnier. The diagnostic biopsy was performed in 1875 [illegible] Sands by W.W. Dulles. According to Zahrawi [illegible] in order to make out their stages [illegible] the help of [illegible] which the number [illegible] in cancer [illegible]

The word biopsy is taken from Greek words that [illegible]. A biopsy is a medical test commonly performed by a surgeon or [illegible] histology by using sampling of cells or [illegible] is the medical removal of [illegible] testing suspected for determining the presence [illegible] cancer. The tissue is generally examined [illegible] microscope by a pathologist and can be [illegible] chemical properties.

[illegible] is a procedure in which a small [illegible] tissue is removed from the [illegible] of a [illegible] tissue is removed. For [illegible] study the [illegible] for other [illegible] simple [illegible] the [illegible] [illegible] [illegible]

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POWER QUALITY ANALYSING AND FAULT DETECTION UNIT

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ABSTRACT

In this paper we propose a model for DVR called as Dynamic Voltage Restorer to stable change from input power supply. Generally DVR work on 3 stage power supply, to analyze our proposed model dependent on programming blocks in MATLAB. We utilized adaptation of 2013 SIMULINK to plan our squares portrayal for DVR model. Here we utilized DC to DC connect with non-direct burden to get change from input side and test are yield side of proposed model. Essentially unique voltage restorer is mix of a force source with inductive and capacitive segment it likewise contain inverter circuit and delicate burden. We utilize nonlinear burden when contrasted with delicate burden. In a transmission line DVR at a vital job since this model will change infusion of voltage and recurrence with required qualities. will likewise exhibit the deficiency discovery of any stage , it additionally identify flaw as for Ground in transmission line of three stage so if any Phase got defective our model will demonstrates its waveform changes appropriately.

I. INTRODUCTION

It Compensate voltage hang and voltage grow and improve the guideline. On the off chance that the voltages diminishes, the issue made is known as loot and assuming the voltage expands, the condition is known as swell. So it contains two end sending and accepting end, the get in contact in is current and impedance. We need to make an info source that is called as infused voltage which will be the other way of drop of voltage support the course has been dropped. That is the reason I getting and is around equivalent to the sending voltage. This thought is taken from days of yore in DC generator. We additionally utilized drop in opposition and a little arrangement generator is an injector in line. In DVR a piece of inverter and DC needed by the capacitor given from the fuel hotspot for TV framework and CFL. Inverter changed over DC into AC. DC required a capacitor from the fuel source during the time of loot infused voltage is arrived in a job.

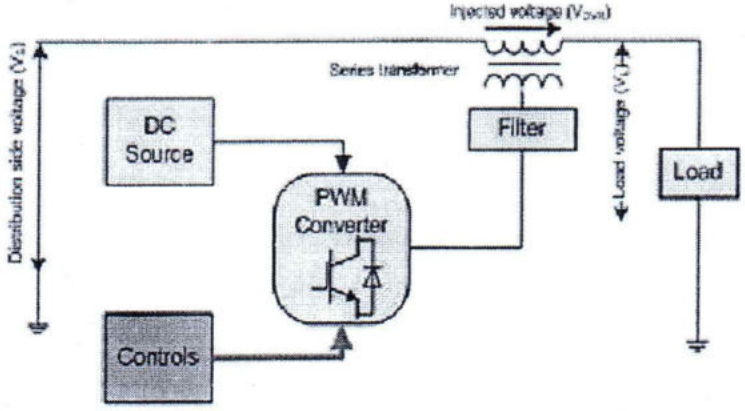

Fig -1: Basic Block Diagram

During the time of hang when I get the voltage accepting and voltage will be acceptable. Drop possibly there because of deficiency in the close by line so when there is an impermanent issue in the term I can infuse the voltage and keep up player voltage for this installer it is a great idea to have channel in the yield of the inverter so the infused voltage will be a sine wave if channel isn't there the infused voltage will be rotating square wave which will which will influence the force nature of the accepting Framework needs fireing beats that will give

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Simulation of Hybrid Electric Vehicle Battery by Using MATLAB-Simulink

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ABSTRACT: Electric vehicle's (EVs) are probable to be an choice to be an preferred mode of transportation for the future as it has a excellent capacity to minimize the consumption of petroleum based and different excessive CO2 emitting transportations fuels. In this study, the aspects of the BEVs machine had been mentioned and a mannequin of BEV on the MATLAB-Simulink platform used to be simulated. Moreover, the relevant electrical system components as well as its corresponding equations for verification were identified. Furthermore, all simulation consequences have been considered. This work may gives a basic for greater researches.

I. INTRODUCTION

One of the best challenges that is going through the surroundings in the world is energy conservation. Many difficulties is being facing by our global energy environment. Although no one is aware of precisely the future of the energy, we nevertheless trust that transportation will play a predominant function in saving the future strength.

Today, Electric Vehicles (EVs) are one of the technological development outcomes that have contributed proceed to make contributions in order to make our lives simpler and safer. Because EVs not just use energy, however they additionally produce, store, and transport electricity. That is what makes them an incredible choice for the traditional fuel based vehicles. Moreover, they are greater reasonably priced and eco- pleasant in contrast with the typical motors that use fuel or diesel gas due to the fact they have a reversible electricity storage system .

In this study, MATLAB-Simulink used to be used in order to layout the BEV elements and integrating the complete system. Moreover, it used to simulate the BEV and its equations.

This paper mentioned the simulation of the BEV, its applicable electrical system aspects and its corresponding equation for verification. In addition, it examines all simulation results. The BEV components are Transmission, Battery Charge Controller, Driver Model, Driving Cycle, Electric motor and Longitudinal Vehicle Dynamic Model

II. BATTERY ELECTRIC VEHICLE COMPONENTS

Transmission Model

The Transmission prototype controls the vehicle's moving necessities for the duration of gear change. It shifts torque from motor prototype and braking pressure into the front and rear traction forces from driver model. The inputs of the longitudinal vehicle dynamic prototype are the two forces of the transmission outputs calculations, cell balancing, and State of charge (SoC). Based on IRIZ battery, this prototype covers a easy battery pack. The condition of charge (SOC) is calculated using the following equation :

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Smart Agriculture System using IoT

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ABSTRACT-India is an agricultural country and India's economy is dependent on agriculture. The farmer works hard in the field and if he gets the weather, he gets the crop he wants. But in the last few years, farmers have been facing serious problems like wet drought and drought.To deal with these problems, farmers need to develop. There are few things available in the market that can alleviate the plight of farmers. For hours, farmers have to irrigate their fields and even in the rainy season, farmers have to stay overnight to inspect their fields. This smart farming system will help them face challenges like electricity, supplementary water, wet drought, dry drought, etc.

KEYWORDS: Agriculture, Agriculture Precision, Temperature Sensor, Smart Farming, Soil Moisture Sensor

I. INTRODUCTION

India is an agricultural country.India is dependent on rainfall to improve food security and agricultural productivity. The implementation of this project brings various benefits to the government and farmers. For the government's solution to the energy crisis. Using an irrigation system reduces water and energy wastage.For farmer they will grow good quality of product by performing number of test.The proposed system for the irrigation sector is an easy to implement and environmentally trendy solution. Introduction of Smart Agriculture System will result in an increase of crop productivity, use of renewable sources of energy which will be cost effective & require less labour.Use of ineffective means of farming leads to decrease in crop output requiring large manpower. Many farmers are abstaining from farming as they could not produce enough profit.
We being engineers tend to propose innovative means of farming which will be cost efficient & will also boost the economy. Smart Agriculture System using IoTwhich can enable various technological methods to control the parameters like Soil moisture, Temperature, Humidity.

Our project also includes maintaining the overall data and stores in IoT and supports power consumption regulation i.e., the motor can turn ON and OFF automatically by using sensors. This project will focus mostly on small scale operation of the system. There are several main parts that will be considered in this work. These include: wireless data collection, practical operations based on communication in the system, sustainability, and functionality.

The data collection will focus on information sent from a device to a web address which one should be able to access from a home/work computer or better known as the use of Internet of Things (IoT). The operations include monitoring plant health, watering, and even perhaps consideration of other necessary variables for optimal plant growth. Sustainability can be determined on how the system holds up over time. It all over the system can control through our mobile phone that reduces the farmer effort. This system is one-time investment get benefits for famer long time. Our project try to reduces farmer effort also try to improve quality of product

II. NEED OF SMART AGRICULTURE

The goal of smart agriculture research is to create decision-making support plans for agricultural management. Smart farming requires attention to population growth, climate change and the problems of workers who have drawn a lot of

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Introduction and Classification of Classical and Advanced Optimization Methods for Electric Power System

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Abstract: **Optimizations technique is an important topic in power system problems. Problems occurs in power systems are very difficult because of various issues in power system . Power systems are very large, complex and widely distributed which are influenced by many unexpected events. It is necessary to solve the problems occurs in power systems. There are various optimization methods are available to solve any problem occurs in power system. So it is necessary to introduced most efficient optimization methods to solve the power system problem in simplifying the formulation and implementation of the problem. There are various optimization methods which are used to find optimum solution for any power system problem. So first it is necessary to introduce and classify optimization method and according to the problem we can apply the best method to find the exact optimum solution. The main objective of this work is to introduce the various optimization techniques like classical as well as advanced for the power system applications and also introduction of classification of various optimization techniques depending upon power system problem.**

Keywords: ***Power systems optimization, classical optimization technique , AI techniques , Optimization tools , LPP/NLPP.***

I." INTRODUCTION

Optimization Technique is the most important technique in real life problems, research and industrial applications. . Optimization means to find the best possible solutions out of the available alternatives under the given circumstances. Optimization technique has been successfully used in different fields. These different Fields are Mechanics, Economic and Finance, Electrical Engineering, Civil Engineering Operation Research, Control Engineering, Geophysics, Molecular Modeling [1]. From all these different fields, electrical engineering is the most important field. There are various problems occurs in electric power system. By using optimization technique we can rectify all the problems in power system. In optimization technique, there are various methods which depend on the type of problem. Once the problem is formulated, then according to the problem we can apply the optimization method. So first it is necessary to introduce and classify the optimization techniques. According to the classification of optimization technique with the application in electrical engineering, we can easily apply the method to the particular problems in power system to optimize the solution.

There are different applications of optimization in different fields like electrical engineering, mechanical engineering, civil engineering etc. There are various applications in electrical field [2] like Economic Dispatch , Var Optimization ,Pollution Dispatch ,Maximal interchange ,Hydrothermal Dispatch and Unit Commitment , Optimal Switching , Generation Expansion Planning , Distribution Design and Operation , Capacitor Optimization , Signal and system , Design of circuits etc.

A. Classification of Optimization Problems

Optimization problems are classified according to the different catagerious. It is based on the type of constraints, number of design/decision variables, nature of the equations involved and number of objective functions[3]. The complete classification of optimization problems are discussed below.

1)" *Based on type of constraints*
- a)" Constrained optimization problem
  - i." Multivariable optimization with equality constraints
    - a." Direct substitution method

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Design and Development of Solar Panel Cleaning Machine

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ABSTRACT: *There are a lot of renewable energy sources available, solar energy is one of them. As the world is paying very much importance role toward increasing electrical energy demands. In recent trends various countries have established their policies regarding solar energy, and research hers are still working on how to make use of solar energy with maximum extraction, maximum efficiency. The energy which is extracted from sun is then converted into solar energy with the help of solar panel. Maximum energy extraction can reduces the overall cost increases the efficiency and hence meet the demands. Physical conditions like rain, mud, dust, snow etc can reduces the overall efficiency of solar panel. Hence it is very important to keep solar panel clean. In this the solar panel cleaning machine is designed and tested. The design consist of a dual motor which runs the brush over a rack as per the timing which covers the whole length of the panel and stops when the limit switches switch.*

Keywords— ***Photovoltic cells, solar panel efficiency, solar panel cleaning machine, arduino board***

1. INTRODUCTION

The sun provides more than enough energy to meet the whole world's energy needs, and unlike fossil fuels, it won't run out anytime soon. As a renewable energy source, the only limitation of solar power is our ability to turn it into electricity in an efficient and cost-effective way. Solar power is arguably the cleanest, most reliable form of renewable energy available, and it can be used in several forms to help power your home or business. Solar powered photovoltaic (PV) panels convert the sun's rays into electricity by exciting electrons in silicon cells using the photons of light from the sun. This electricity can then be used to supply renewable energy to your home or business. No greenhouse gas emissions are released into the atmosphere when you use solar panels to create electricity. And because the sun provides more energy than we'll ever need, electricity from solar power is a very important energy source in the move to clean energy production. Solar panels are made of solar cells integrated together in a matrix-like structure. After solar panels have been installed, operational costs are quite low compared to other forms of power generation. Fuel isn't required, and this means that solar power can create large amounts of electricity without the uncertainty and expense of securing a fuel supply.

As a renewable CO2-free power source, the environmental impact of solar power is significantly smaller than other power generation methods. The impact is mainly related to the production and supply of the special materials and metals that are required to produce solar panels. Electricity generated using solar photovoltaic (SPV) technology can only be economical if the PV modules operates reliably for 25–30 years under field conditions. The key limiting factors which reduce widespread use of PV applications comprise the high initial investment cost and the comparatively low conversion efficiency of PV cells due to heating of PV panels. Module temperature is always higher than the ambient temperature. Higher temperature of the module is because of the glass cover over it, which traps the infrared radiation.

Due to the cost of inequality, depletion and the natural effects of climate change and carbon offset fossil oil, Coal, gas and oil are no longer an option in energy production. Also, given the growing demand for energy on earth, solar energy, as an alternative to sustainable, renewable and easy-to-use energy sources, it has been expanding globally due to its benefits in both technical and economic aspects. In addition, it serves as an economic saviour in the most dependent countries in terms of power. There are two major ways to convert solar energy into solar energy: solar photovoltaic systems that directly use solar light another way heat-supporting system. However, solar energy is usually generated by photovoltaic panels [2]. Solar panel efficiency which depending on the temperature and radiation of the sun is one of the most important factors in extracting the available energy from the sun.

Maximum power point tracking (MPPT) devices are one way to increase solar efficiency with equal switching burden. These devices are DC-DC converters controlled by MPPT algorithms. Among the MPPT algorithms, Perturb and Observe (P&O) method and method of behavioral supplementation (IC) is widely used [8].

Other physical conditions also cause loss of the efficiency of the solar system. One of these conditions is the shading effect caused by clouds weather, nearby tree or bulls. The small amount of shading from the solar panels makes a significant impact on the output power[10-11]. In [8], the authors they say that under shady conditions, PV curves

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A Comparative Analysis of Optimization Technique in Large Scale Transportation Problem to Optimize Mathematical Manipulation

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ABSTRACT

Transportation problem is one of the classical optimization technique in which the objective is that the problem of deciding the quantities to be transport from different source to various destinations so as to minimize the total cost of transformation. I.e. to transport some goods from source to destination in such a

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A Review on an Finger Movement Based Smart Hand Glove For Special Peoples

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ABSTRACT: Everyday communication with the hearing population poses a major challenge to those with hearing loss. For this purpose, an automatic sign language recognition system has been developed using Random Forest Classifier as a machine learning algorithm, and to translate the sign alphabets and common words into text and sound. A hand glove circuit has been designed with flex sensors or buttons, 4-axis accelerometer and gyroscope to capture the gestures or signs data. The finger bend data has been obtained from flex sensors on each finger while the accelerometer and gyroscope provided the trajectories of the hand motion and button touches with the other finger then give output from this smart hand glove. The data from the sensors or buttons has been passed through the trained model to recognize the gesture. The main purpose of smart glove is to provide an ease of sharing basic ideas, minimize communication gap and an easier collaboration for the hard of hearing people.

KEYWORDS: Flex sensor, Ardiuno uno, Gesture to text, Deaf and dumb, Glove.

I. INTRODUCTION

According to the statistics of the World Federation of the Deaf and the World Health Organization, approximately 70 million people in the world are deaf–mute. A total of 360 million people are deaf, and 32 million of these individuals are children.
The majority of speech- and hearing-impaired people cannot 5 read or write in regular languages. Sign language (SL) is the native language used by the deaf and mute to communicate with others. SL relies primarily on gestures rather than voice to convey meaning, and it combines the use of finger shapes, hand movements, and facial expressions.

This language has the following main defects: a lot of hand movements, a limited vocabulary, and learning 10 difficulties. Furthermore, SL is unfamiliar to those who are not deaf and mute, and disabled people face serious difficulties in communicating with able individuals. This communication barrier adversely affects the lives and social relationships of deaf people. Thus, dumb people need to use a translator device to communicate with able individuals. This can be achieved by developing 15 a glove equipped with sensors and an electronic circuit.

Communication is the only medium by which we can share our thoughts or convey the message but for a person with disability (deaf and dumb) faces difficulty in communication with normal person. Because of this, a person who lacks in hearing and speaking ability is not able to stand in race with normal 20 person. Communication for a person who cannot hear is visual, not auditory.

Generally dumb people use sign language for communication but they find difficulty in communicating with others who don't understand sign language. So there is a barrier in communication between these two communities. This work aims to lower this barrier in communication The main aim of the proposed 25 project is to develop a cost effective system which can give voice to voiceless person with the help of Smart Gloves.

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Voltage Overloading and Theft Detection with Breakdown of Conductor Using IoT

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ABSTRACT: The Generation, transmission, and dispersion of electrical energy include any operational misfortunes. We can characterize the misfortunes in age however dissemination and transmission of misfortunes can't be correctly evaluated with the sending end data. This represents the association of nontechnical boundaries in the transmission and dispersion of power. In addition, specialized misfortunes happen normally and are caused as a result of influence dissemination in transmission lines, transformers, and other influence framework parts. Specialized misfortunes in Transmission and Distribution are registered with the data about the complete burden and the absolute energy bill. While innovation is the raising inclines, we ought to likewise take note of the expanding unethical exercises. The framework forestalls the unlawful utilization of power. Now of a mechanical turn of events, the issue of illicit utilization of power can be settled with no human control utilizing IoT. With the execution of this framework will save a lot of power, and along these lines power will be accessible for a more noteworthy number of the customer then prior, in a profoundly populated country like India, China. Force robbery can be characterized as the use of electrical force with no legitimate agreement with the provider. These days with arising improvements in all areas and developing requests, power has become a need for each person and each association. The fundamental system for power supply incorporates power age, power transmission, and force circulation to the objections. Normally attributable to few specialized flaws, misfortunes may happen because of influence dissemination by certain gadgets. These misfortunes can be limited utilizing the quick creating innovation, yet shouldn't something be said about the other sort of misfortunes? These are the misfortunes caused intentionally by people for illicit admittance to influence circulation. This is power burglary. In agricultural nations like India, power burglary is perhaps the most predominant issue which causes monetary misfortunes as well as a sporadic inventory of power. It hampers the working of ventures and industrial facilities, because of the lack of force provided to them. It makes a deficiency of force supply homes. It prompts loss of income by Government as individual endeavours may pick to introduce their force generators, expands debasement in the type of pay-offs, and some more. At last, it is the country's economy that endures alongside the country's political standing. In this paper, a basic plan for a solitary stage power robbery recognizable proof and ready framework is proposed which utilizes a constant examination technique to analyse the flow (I1) at the approaching side of the energy meter with that of the heaping side (I2), if both the I1 and I2 are same it is viewed as that there is no force burglary happened, assuming I1 is more noteworthy than I2, it is considered as force robbery has been happened which is promptly insinuated to the Electricity Board utilizing the Internet in Real-time.

I. INTRODUCTION

Burglary of power is the criminal act of taking electrical force. It is a wrongdoing and is deserving of fines as well as imprisonment. It has a place with non-specialized misfortunes. Lately, power robbery which makes a ton of misfortune power sheets is the most serious issue. In nations like India, these circumstances are all the more frequently, on the off chance that we can forestall these burglaries we can save a ton of force. To identify an unapproved tapping on circulation lines electrical force burglary discovery framework is utilized. The circulation organization of the electrical force supply framework is the fundamental execution part of this framework. The current framework can't distinguish the specific area of the tapping. Our framework discovers on which electrical line there is a tapping. This is a

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Load Frequency Control in Two Area Power System

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ABSTRACT: This research project presents decentralized control scheme for Load Frequency Control in a multi-area Power System by appreciating the performance of the methods in a single area power system. A number of modern control techniques are adopted to implement a reliable stabilizing controller. A serious attempt has been undertaken aiming at investigating the load frequency control problem in a power system consisting of two power generation unit and multiple variable load units. The robustness and reliability of the various control schemes is examined through simulations.

KEYWORDs: Power System, Simulation ,Stabilizing Controller ,Investigating , Load Unit

I.INTRODUCTION

For large scale power systems which consists of inter-connected control areas, load frequency then it is important to keep the frequency and inter area tie power near to the scheduled values. The input mechanical power is used to control the frequency of the generators and the change in the frequency and tie-line power are sensed, which is a measure of the change in rotor angle. A well designed power system should be able to provide the acceptable levels of power quality by keeping the frequency and voltage magnitude within tolerable limits. Changes in the power system load affects mainly the system frequency, while the reactive power is less sensitive to changes in frequency and is mainly dependent on fluctuations of voltage magnitude. So the control of the real and reactive power in the power system is dealt separately. The load frequency control mainly deals with the control of the system frequency and real power whereas the automatic Voltage regulator loop regulates the changes in the reactive power and voltage magnitude. Load frequency control is the basis of many advanced concepts of the large scale control of the power system

Mathematical Modeling of Components used in Single area system :

1) Mathematical modeling of Generator
2) Mathematical modeling of Load
3) Mathematical modeling for Prime mover
4) Mathematical modeling for Governor

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EMPIRICAL ANALYSIS OF AVAILABLE TRANSFER CAPABILITY DETERMINATION METHODS: A FUZZY STATISTICAL PERSPECTIVE

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Abstract: **Available transfer capability (ATC) is a metric in power systems that determines the maximum amount of incremental power that can be transferred between two parts (usually seller and buyer) of the underlying power system without crossing any system thresholds. It is evaluated using 3 major metrics; i.e.; total transfer capability (TTC), transmission reliability margin (TRM) and existing transmission commitments. In order to determine these parameters, various methods are proposed by researchers, some of these methods are applicable to large scale grids, while others work effectively for small-to-medium grid deployments. In order to deploy a customized grid with effective ATC calculations, it is recommended that power system designers must select an optimum combination of these methods. For instance, Single Linear Step (SL) approach uses present state system information along with sensitivities embodied in the power transfer distribution factors (PTDF) and line outage distribution factors (LODF) in order to determine ATC values. The SL method is applicable only for small-scale power distribution systems, but can be extended via Iterated Linear Step (IL) method to incorporate controller changes for large scale systems. As system complexity increases, it becomes difficult to select the best method out of the given methods for ATC calculations. In order to reduce this complexity, the underlying text reviews different ATC calculation methods, and compares their statistical performance. Using this study, power system designers can identify most suited methods for their system deployment, and thus save time and cost for testing out different method.**

Index Terms – **Available transfer capability, grid power, linear, iterated, distribution.**

I. INTRODUCTION

In order to determine available transfer capability (ATC) values for any electrical power system a wide-variety of calculations are needed. These calculations include evaluation of transmission plans, approval of source and destination nodes, Load Generation Balance Report (LGBR) analysis, previous year report evaluations, weather forecast data processing, previous year ATC patterns, etc. All these data values are given to different processing blocks. which anticipate network topology, perform capacity additions, anticipate substation loads, anticipate thermal generation, anticipate hydro-generation, etc. These anticipation blocks are combined with various planning criterion, operating limits, previous operation experience levels & credible contingencies; and are given to a simulation and analysis block. The output of this block is the total transfer capability of the system. When reliability margins are reduced from this total transfer capability, then the available transfer capability is evaluated. A diagrammatic representation of this process can be observed from figure 1, wherein different blocks are combined in order to obtain the final ATC values.

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HEALTH SURVEILLANCE SYSTEM UTILIZING IOT & RASPBERRY PI

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ABSTRACT

Numerous patients pass on everywhere on the world because of absence of convenient and legitimate assistance. A versatile framework for nonstop physiological boundary checking is fundamental for older and sick patients who are not in medical clinic. IOT (Internet of Things) based patient health checking framework will empower the specialist to see patient's wellbeing status on the web. Raspberry Pi board is utilized as the passage or mode of sensor input gadgets which are connected to the patient and to send physiological boundary worth of a patient to specialist PC through web. So vital treatment can be given quickly by specialist distantly and specialist can be promoted distantly to the patient. We are utilized Raspberry Pi as a door or mode for a sequential information worth of sensors. For programming, Python and C language are utilized. This IOT based far off innovation for clinical treatment for patient.

Keywords: Raspberry Pi, Pulse heart beat sensor, Body Temperature Sensor, ECG sensor, Blood pressure sensor, Patient position sensor.

I. INTRODUCTION

In this audit paper, there are distinctive paper of Heath Surveillance System utilizing IOT and Raspberry Pi. Raspberry Pi is utilized as a passage or mechanism for an info worth of Heartbeat/Heart beat sensor, ECG sensor, Internal health level sensor, Pulse sensor, and patient position sensor for sending the worth to the VNC Watcher of specialist through the VNC Worker utilizing the web. The specialist will break down the boundary worth of patient wellbeing through VNC Watcher. What's more, the specialist will be made a prompt move for the patient legitimate treatment. Along these lines, patient will be constant screen utilizing this innovation. The framework utilized ARM processor based Raspberry Pi as an entryway or mechanism for a sequential info worth of sensors. For programming, Python and C language are utilized. VNC worker is utilized at the Raspberry Pi operating system and VNC Watcher is utilized as the PC of specialist. Utilizing VNC Watcher specialist distantly can be investigated diverse boundary worth of patient utilizing distinctive senor which are connected to the patient. For access raspberry pi, you should have static IP address of distant Raspberry Pi web. VNC worker can be gotten to nearby arrange, Wi-Fi and web through. Utilizing the undertaking specialist can be straightforwardly see distinctive worth of patient immediately of sensor esteem which are gotten the greater part of page innovation for sensor.

II. LITERATURE REVIEW

1) India will before long bear the biggest weight of coronary illness around the world.
2) Heart attacks are five to multiple times more normal during the long stretches of one to five A.M.
3) The driving reason for death overall is coronary illness.
4) Every 20 seconds a respiratory failure happens and a coronary episode casualty happen consistently.
5) Congestive cardiovascular breakdown is a significant constant illness for more seasoned grown-ups, representing around 260,000 passing in a years.

In this manner building up a framework which will assist with diminishing the passing rate because of coronary episode by early recognition of respiratory failure. In our framework we will utilize brilliant groups/ health groups will consistently screen pulse of client. The subsequent unit will be an android portable, this unit will be associated with the wearable gadget by Bluetooth. The third unit is tied in with broadcasting the alarm message by SMS from android portable.

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PARKS-HILBERT TRANSFORMS STATISTICAL PARAMETERS APPROACH TO CLASSIFY ANN NETWORK

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ABSTRACT

Due to the cardinal features like robustness, efficient load handling, reliability etc the Induction Motor is foremost used for number of applications. While working environmental conditions, mechanical stresses etc cause fault like bearing fault, inter-turn short circuit fault, rotor bar crack. These faults should be eliminated and categorized as early as possible to avoid harm. There are list of techniques are accessible for the fault catalogue of I.M. The Artificial Neural Network is the best solution over other existing techniques. The motor line currents recorded under varied faults conditions were analyzed using ANN.

Keywords: I.M., Park's-Hilbert Transform, FFT, Statistical Parameters, ANN (networks)

I. INTRODUCTION

Nowadays, Induction Motor has their wide usage in industrial and commercial sectors. But the induction motor undergoes several drawbacks while working due to mechanical stresses and environmental conditions. Failure survey have reported that the percentage of failure by components of induction motor as, [3]

(1) Stator related-38%

(2) Rotor related-10%

(3) Bearing Related-40%

(4) Other-12%

These faults conditions should be detected classified and clarified as much as possible. The fault should be clear in its minor state for maintaining its reliability, minimizing losses and expenses, etc. The fault may cause unexpected and sudden breakdown of motors.

There are ample techniques and methods of classification of faults have been developed now. But ANN is accepted as one of the best working techniques. The obtained result gives the crystal clear idea about its suitability of proposed techniques to acquire 100% accuracy for multiple fault categorizations.

The foremost behoof of ANN is that it derives the online cognition libidinous the kind and size of culpability outside possessing very daedal mathematical models. If the element of Neural Network flops,it can wage without whichsover exigency by theirparallel disposition.

II. PARK'S-HILBERT TRANSFORMATION

2.1 Park's Transform:

Acquisition of three phase currents(I_A,I_B, I_C) at different loading and faulty conditions. As a function of mains phase variables (I_A,I_B, I_C) the motor current park's vector components (I_D,I_Q) are,[1] [5] [6]

$$I_D = \left(\frac{\sqrt{2}}{\sqrt{3}}\right) I_A - \left(\frac{1}{\sqrt{6}}\right) I_B - \left(\frac{1}{\sqrt{6}}\right) I_C \text{-------- [1]}$$

$$I_Q = \left(\frac{1}{\sqrt{2}}\right) I_B - \left(\frac{1}{\sqrt{2}}\right) I_C \text{----------[2]}$$

The Park's transform is a simple and efficient diagnosis method. It is based on the spectral analysis of Park's Square Vector (PSV) that is computed as,

$$PSV = \sqrt{I_D{}^2 + I_Q{}^2} \text{---------- [3]}$$

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INTELLIGENCE AMBULANCE – TRAFFIC MANAGEMENT SYSTEM

A REVIEW ARTICLE

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ABSTRACT

India is one of the most populated nations of the world. Road traffic congestion is one of the most challenging issues that current road authorities are facing. The current traffic system is running same over the past few decades. As number of vehicles on the road increases, this system is failing to serve traffic congestion problems; on the intersections. Among these impacts the delay of an ambulance to the hospital is the censorious due to incurred cost in terms of death and injuries. In this review, there is brief discussion about different ways to tackle the traffic; providing lane to the emergency vehicles. The proposed frame work is modelled by the means of tentative setup using microcontroller, various communication module and LED displays which simulates a true time scenario. This paper focus on diverse methods of traffic control system and health monitoring system.

Keywords: Traffic congestion, smart health, communication medium, microcontroller.

I. INTRODUCTION

From the beginning of twenty first century there has been a tremendous growth in industrialization and suburbanization. As a result population increases and there is gradual rise in number of vehicle. Today every individual owns a vehicle. These facts to high traffic queues in big metropolises. Traffic jams pose a serious challenge towards the metropolitan infrastructure facilities and are also affecting the socio-economic lives of the people by adding their working hours waiting in traffic. The serious effects of the traffic congestion are faced by the emergency vehicles like; ambulances, police cars, fire-brigade; foremost to increased death ratio on roads and considerable financial risk.

One of the biggest concerns with traffic congestion is delayed ambulance services. Many a times, ambulance consist of serious patients which needs to be taken to the hospital in minutest quantity of time providing proper cure to the patient so that chances of surviving rises in critical situation. For this, it is needed that the vehicles on the lane to make path for the ambulance. But sometimes, the ambulance gets trapped in the traffic which in turn wastes a lot of time; for the traffic to get clear. In future, this problem may get worse; it needs abrupt consideration. The main aim is to make it possible for an ambulance to reach a particular location without making it stop anywhere until the destination is reached.

To cover this problem, many schemes have been projected under different systems and prototypes [1-11]. In all these works, good efforts are made to plan the solutions which meet the various necessities: smart traffic system, smart health, automated system, traffic management system that reduces jamming.

II. LITERATURE REVIEW

The main objective is to study existing traffic control system and health monitoring system; to discover out the finest system that is efficient, defined, less time consuming, flexible and suitable for chosen application. The different Traffic control system and health monitoring system studied in various papers are stated below:

Et al [1] the system is going to be image handling based adaptive signal controlling. Proposed system is going to braced out-dated system together with automated signal via Artificial intelligence. Digital camera is mounted on the motor for turning. This faces the tracks and gets the nous of the traffic. The vision is captured with the assistance of the camera. The camera's direction changes within the steps of right angle controlled by the PC through microcontroller. Load of the traffic on each lane is estimated by Image processing systems. The

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IOT Based Smart Energy Meter for Domestic Use

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ABSTRACT: Internet of Things (IoT) has opened a myriad of applications in many areas, including medical and healthcare networks, smart home control, and environmental surveillance. IoT is supposed to bring about a large amount of progress within the ubiquitous computing sector. IoT-based energy management programs may allow a big contribution to energy conservation. Therefore, this paper focuses on the planning and implementation of an online of Things based household electricity energy monitoring and electric bulb remote for the reduction of electrical wastage using ESP 32-bit microcontroller. The ESP 32 microcontroller was used as the brain of the whole system which processes the energy consumption .The ESP32 microcontroller also handles the web connectivity via its inbuilt WIFI module so as to transmit the real-time energy consumption, and electric bulb remote control over the internet. A UBIDOS app was designed to serve as user interface for monitoring the household electricity energy consumption and electric bulb remote via UBIDOS cloud server from Math Works and also monitors the electricity consumed by the pressing iron and therefore the hand blower .Whenever, the electricity consumption exceeds the set threshold on the UBIDOS app, a notification is sent to the user's Email. The system might be used for reducing the wastage of electricity within the house by proper scheduling and monitoring of the appliances.

KEYWORDS: ESP 32 microcontroller, IOT, UBIDOS Application, UBIDOS server WIFI module.

I. INTRODUCTION

Energy meters are combination of analog and digital components working together to offer the output within the sort of digital readings that's what the entire power consumed by any industrial or residential building. Because the use of electricity round the world progressed, the worth for electricity has become competitive. The necessity for accurate measurement of the electricity consumed has become vital issue both for the consumers also because the electricity board. Utility companies started feeling the pressure for better instruments. Utility companies are being forced to seek out solutions which will demand more sophisticated energy measurement methods, providing greater amount of data on the consumer's power consumption. The Smart Energy Meter is that the best solution to face the present-day scenario of urgent need of accurate and user friendly electrical consumption measuring instrument . The energy consumption are often monitored by using an Electric device called energy meter. The value and therefore the regular Usage of Power consumption are informed to the user to Overcome high bill usage. The Energy meter shows the quantity hi of units consumed and transfers the info to both the customer and to the electrical board so this helps in reducing man-power. The user can check their Power usage from anywhere and at any interval .The IoT is employed to show on/off the household Appliances using relay and Arduino interfacing. The target of this technique is to watch the quantity of electricity consumed. The distributer and therefore the consumer both are going to be benefitted by eventually reducing the entire Power consumption

II. LITERATURE REVIEW

A new concept of energy meter are getting to be discussed, where maximum demand of energy of a consumer are getting to be indicated within the meter employed by the customer . After exceeding the utmost demand, the meter and hence the connection will automatically be disconnected by an embedded system inserted within the meter itself. Wi-Fi module ESP32 for controlling devices over the web . It can work with a micro-controller just like the Arduino with the assistance of this we will communicate between load circuit and utility side. The system consists of the electricity meter which measures the electricity bill and informs the buyer about the amount of units consumed and associated

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Automation of E-Wheelchair for Physically Challenged People

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Abstract - **Automation is the technique of making an apparatus, a process, or a system operate automatically. With respect to automation a smart idea is developed towards the handicapped people, and physically challenged people. This paper proposed an idea and model to ease those persons, who cannot perform hand movements in a way that can move a wheelchair. Several studies have shown that both children and adults benefit substantially from access to a means of independent mobility. This paper describes the design of a smart, motorized, voice-controlled wheelchair using embedded system. Proposed design supports voice activation system for physically disabled persons incorporating manual operation. This system consists of hand gesture-controlled wheelchair using image processing through web camera which not only recognizes hand gesture but also control the wheelchair according to the hand movement. It includes HSV shading space method to discover hand motion thought picture preparing. This paper utilized the raspberry pi board and sensors to detect obstacles lying ahead in the way of the wheelchair that can hinder the passage of the wheelchair. This designed wheelchair in prototype form is tested and get accurate output and efficient framework for the users with low power consumption.**

Index Terms - **Wheelchair, Raspberry Pi, Image processing, IOT technology, Ultrasonic sensor**

I.INTRODUCTION

Wheelchair based on electric power have become increasingly important an assistive technology and rehabilitation device and the number of users has grown considerably [1-2]. Hand signals are incredible human to human correspondence channel which pass on a significant piece of data move each life. Hand signals are the nonverbal correspondence media between individuals happens through hand development. Hand motion acknowledgment is an interaction of comprehension and grouping significant developments by the human hands. In this paper we present a methodology for a human PC collaboration (HCI), where we attempted to control the wheelchair development by utilizing hand signals. Hand signal procured utilizing a camera dependent on motion recognition strategy [3-4]. Our objective is to make a wheelchair development utilizing web camera to collaborate with the motion recognition in easier to use way that can be diminishes the social issues of the general public [5-7] from that Machine and Human interface is only the HMI show screen in the present market. In any case, it is essential to make the actual contact with the machine if client needs to work it. Gesture discovery is only recognition of the hand development as indicated by the clients. It needs to recognize constantly and to quantity of fingers. In this system wheelchair move remotely according to the information given by the client.

Utilization of ARM11 processor is feasible to distinguish the hand signal development and finger discovery likewise conceivable on Raspberry Pi with its on board GPU module. By identifying the finger, it is feasible to move the wheelchair explicit way like forward, opposite, left, right bearing. By utilizing distinctive calculation finger location and following it is feasible to move the wheelchair according to the commands. Considering the finger client needs to take the action. This system depends on to identify fingers of hand based on the better identification you can make the move. framework will plan for wheelchair control.

Development of wheelchair depends on the quantity of fingers will distinguish i.e. finger one is identify that will be appeared in the LED pointer at that point push the wheelchair ahead, turn around, left, right as per the

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MULTIPLE AC CONTROLLING UNIT BASED ON DIFFERENT AI WITH DUAL LANGUAGE

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ABSTRACT

The thought behind Google collaborator-controlled Home Automation is to control home gadgets with voice. Available there are numerous gadgets accessible to do that, however making our own is marvelous. In the project, the Google collaborator requires voice orders. Adafruit account which is a cloud based free IoT web worker used to make virtual switches, is connecting to IFTTT site curtailed as "If This Than That" which is utilized to make if else restrictive articulations. The voice orders for Google partner have been added through IFTTT site. In this home robotization, as the client provides orders to the Google right hand, Home apparatuses like Bulb, Fan and Motor and so forth, can be controlled in like manner. The orders given through the Google right hand are decoded and afterward shipped off the microcontroller, the microcontroller in turn control the transfers associated with it. The gadget associated with the individual transfer can be turned On or OFF according to the client's solicitation to the Google Assistant. The microcontroller used is NodeMCU (ESP8266) also, the correspondence between the microcontroller and the application is set up through Wi-Fi (Internet).

Keywords: Internet of Things (IoT), Home Automation, NodeMCU, ESP8266, Google Assistant, Alexa.

I. INTRODUCTION

Home automation relates to the automatic and electronic control of household features, activities, and appliances. The focus of the project to control home appliances by the use of internet. In day to day developing world, the most significant purpose of technology is to increase efficiency and to decrease effort. In the trending world, the Internet of Things is being given extreme importance. By using IoT, we can control the appliances in various areas, one out of which controls the home automation using Node Microcontroller. Even when technology is developing so much in today's world, physically not good people stell faces lots of problem in their day-to-day life. As home automation system accepts voice command to control devices it mainly helps the physically disabled and elderly persons. The voice command is given by the user which used as input to the microphones. The microphone identifies the speech given by the person and sends it to the recognizing module. It searches for the nearest word even if there is any noise in it. If the command (ON/OFF) is given, the action is done. Even currently when technology is handy enough just some rich people of the society are using new smart home devices, as these devices price is high. However, not everybody can afford a personal assistant or smart home kit. Hence, we need to find a system that isn't costly and normal people can afford it.

INTERNET OF THINGS (IoT)

The significant idea utilizing in the Google right hand-controlled Home Automation is the Internet of Things. The Internet of Things (IoT) can be associating different sorts of items like cell phones, PC and tablets to the web, which brings a brand-new kind of correspondence.

In the Home Automation framework, any man-made articles which can be allocated an IP address and can move information effectively over an organization, the connection through an organization are called IoT. The web assists us with bringing prompt answers for some issues and ready to associate from any of the distant spots. The IoT innovation is utilized to come in with imaginative thought and enormous advancement space for savvy homes to enhance the expectations for everyday comforts of life. The growth of the Internet of Things will change various areas, similar to medical services, computerization energy, transportation, and so on. The distributed computing can be utilized in such cases to execute the IoT framework that expanded with sensors and actuators to screen and control "things" from any place.

II. PROBLEM STATEMENT

Wired or wireless systems, while in the house not very likely to face many problems. However, when controlling through the application locally or remotely, we can face problems such as delays in performance and that's frustrating. Delays

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MUTUAL INDUCTANCE IN WIRELESS CHARGING FOR E-MOBILITY

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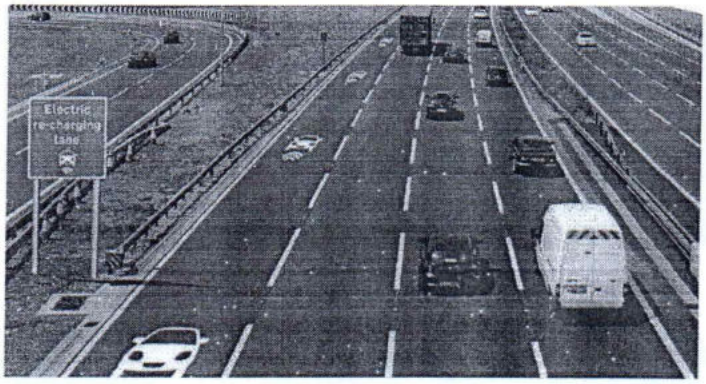
ABSTRACT

The future of the modern automotive industry is an Electric Vehicle (EV). The future of the modern automotive industry is having high influence in transmission power system with a lot of transmission and receiving errors. This paper is showing the best control with the virtuous concept of wireless charging method. The concept is having the multiple input and single output system of wireless charging. AC source, transmission coil, reception coil, converter and electric load which are battery are some of the components used to implement this system.

Keywords: Mutual Inductance, Wireless Charging, Radioactive, Automotive Industry, Software Analysis.

I. INTRODUCTION

For going one place to another, mankind is using lot of Automotive vehicles. But there is an IC engine placed in it and due to that an environmental issue is increasing rapidly. The current work in industry is based on reducing the above-mentioned issues. So, following that an Electric Vehicle is the mindful concept in all along global. But Electric Vehicle is having various method of charging implementing all over world. So many of that are making the use of cable. They may be troublesome in some cases to driver. To overcome this problem, the Wireless Charging is the most Industry covering concept going on which has been attracting various research technologies and the designing Organization. There is the magnetic coupling in transmission and receiving station to transfer the power wirelessly. It is having parking slot to transfer power. That is why, the trouble is reduced at some value.



The designers are coming up with various method to implement such type of technologies and control strategies. Some systems are based on the concept of single-to-single strategy (adding more coils) but as a result huge power loss takes place. But the paper concept is based on multiple to single strategy in which it is having the precise method of one-to-one charging for betterment. It improves the power loss problem and indirectly efficiency increases ultimately.

The important point of implementation of this system is the Mutual Inductance concept. It is the path of transmitting power between the source to load allowing Electric Vehicle charging

- The paper is having the precise method of estimating M by knowing the voltage information on transmission side only.
- Because of this method, there will be the precise measurement of M and indirectly the charging capacity increases.

The proposed method is for the stationary charging system by analyzing its hardware and software testing.

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"An Ultra Small Water Power Generator for Electricity Generation "

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ABSTRACT: We are living in the world which is full of pollution and what has caused this pollution maximum uses of non-renewable energy.many people nowadays are turning to renewable energy for their power.they know that renewable are necessary alternatives to fossil fuel and other non-renewable,which will eventually run out.most are also aware that renewable energy is kindle to the planet and soceity. that`s why have to turn yo renewable energy source we have to start using it.there are three main type of renewable energy source solar,wind and hydro.our project is related to the hydro power.all flowing water as a energy that`s why we decide to utilise that unused energy from nature it is small and easy to used any one can used this generator easily.by using this generator we can power street light also used to eletrifying fences to protect farmers crops.it can also be used village where there is a lot of problem of load shedding.

KEYWORDS: Hydropower,turbine,Dam,DC generator,power plant.

I. INTRODUCTION

Hydropower is a renewable energy source currently used in most parts of the world to supplement with electricity needs. It was recorded that waterpower was used to power the clock. Since this time, hydropower has evolved from running a small clock to generating enough power to supply a large city (Energy saving trust, 2003). Small-scale hydropower was first commonly used style of electricity generation in early 20th century. Hydropower is a very clean source of energy, which does not consume but only used the water and again make it available for other uses. It involves the conversion of the potential energy of water into mechanical energy, which is a technology with higher efficiency, in most cases double that of other conventional electric power plants (Energy saving trust, 2003). Hydroelectric power plants already supplies over 6% of the world energy needs and over the next decades much of the growth in renewable energy source will result from large-scale hydroelectric power project particularlyin the developing world. The basic principle of hydropower follows that; if water can be piped from acertain level to a lower level, then the resulting water pressure can be used to do work. This means that hydropower involves the use of potential energy released by the weight of the falling water through a vertical distance to generate energy. If the water pressure isallowed to move a mechanical component, then that movement involves the conversion of the potential energy of water to mechanical energy which can be used to drive an electric generator, a grinding or some other useful devices . Hydroelectric power depends on the dynamic head, the amount of water flow and the efficiency of the generator/turbine. To know the power potential of a river, it is necessary to know the flow in the river and the available head. The flow Q of the river is the amount of time (in m or liters) that passes in a certain amount of time across a section of the river. Flows are normally given in cubicmeters/seconds. The head H is the vertical difference in level (in meters) through which water falls down. The theoretical power P available from a giving head of the water is exactly equal to the head H and flow Q This available power will be converted by the hydro turbine into mechanical power. As a turbine has efficiency lower than one, the generated power will be a fraction of the available gross power. Our project is related to the hydro power.all flowing water as a energy that`s why we decide to utilise that unused energy from nature it is small and easy to used any one can used this generator easily The main objective of this research is to see the possibility of powering a generator using water from a storage tank in other to generate electricity without polluting the environment.

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A Smart Helmet for Improving Safety in Mining Industry

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ABSTRACT: A smart helmet has been developed which includes various features such as the two way communication, detection of the hazardous gases, providing notification in the case of helmet removal, collision (miners are struck by an object), panic switch for emergency situations, continuous monitoring of the environmental conditions such as temperature and pressure in the mining industry and GPS is provided to track the location of the miner. Once the poisonous gas is detected the helmet opening gets closed and the oxygen supply is provided within the helmet for the miners by the opening of solenoid valve of the oxygen cylinder. Panic switch is provided for the safety of the miners and it is used to provide alert signal to the control room during any emergency situations .Temperature and Pressure sensors are used for the continuous monitoring of environmental conditions .The information are sent to the control room through wireless network. The layout of the visualization was completed and displayed in the control room with the help of a Lab VIEW software .This paper presents the undertaken design detailing solutions to issues raised in previous research.

KEYWORDS: mining, environmental condition, collision, hazardous gases.

I. INTRODUCTION

Mining is a multifaceted industry which includes complicated operations carried within the tunnels, underground etc. This involves various risk factors which affects the health of miners. The Chasnala mining disaster that took place near Dhanbad in the Indian state of Jharkhand almost killed 372 miners. This was considered as one of the worst disasters in the mining industry. Miners may not be aware of the external conditions such as rise or fall of temperature, pressure etc. Sometimes Miners collide with the heavy objects like mining objects, hard rock which risks their life. Another factor that affects the miners is the inhalation of hazardous gases that provokes them in danger. In this situation miners are not able to communicate with the outside world. In this case, the smart helmet system becomes an essential and helpful measure to protect the miners from various accidents. This project aims at designing a smart helmet for hazardous event detection, monitoring the surrounding environmental conditions and updating information like GPS location and sensor data to the central console for easy tracking and providing oxygen supplements to avoid the inhalation of poisonous gases. This secures the life of miners in mining industries.

From the Survey, various information are gathered One death every third day in India's most dangerous job is Mining. According to the International Labour Organization (ILO), while mining employs around 1% of the global labour force, it generates 8% of the fatal accidents China has the largest mining industry producing up to three billion tons of coal each year. Though China accounts for 40% global coal output, it is responsible for 80% of mining deaths around the world each year. This survey clearly shows that the requirement for safety measure must be extended to save the life of miners. This survey motivated us for initializing this project.

II. SYSTEM OVERVIEW

The system includes various sensors such as the temperature, pressure, force, IR sensor and gas sensor. Temperature and pressure sensor is used to monitor the surrounding environment. Whenever the miners collide with the heavy

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To Study Acoustic Tractor Beam

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ABSTRACT: High frequency Sound waves can form rotating packets of compressed air which can create energy in particles that can withstand gravity. Many ultrasound capture devices were developed according to this principle, which works when sound waves of the same frequency are on opposite sides and are placed on top of each other. That is, they need two sets of converters to float the particles. Acoustic beam tractor is an innovative technology that can be used to fix and use objects in air, water and human tissues with a large number of ultrasound emitters. It requires sound waves from the other side to detect particles. Acoustic beam technology is promising in a variety of fields. It can be used to harvest and decompose particles within the body such as kidney stones, clots, tissues and even target delivery drugs. The technology has some promising systems in the outer space, where they can stop large objects with gravity and prevent them from moving unmanageable.

KEYWORDS: transducers, trap, tweezers, tractor beam, acoustic hologram.

I. INTRODUCTION

When we stand in front of a powerful speaker we see power coming from sound waves. We can feel our bodies moving with a loud noise. Researchers have been studying these conditions in order to make good use of noise by building a tractor pole using sound waves.

Investigators have been using a number of different devices, such as the use of high magnetic fields and laser beams to extract objects. Ultra Sound waves can emit particles of various shapes and sizes through air, water and biological tissues . This allows us to move cells, compounds, or organisms without affecting them.

The goal of this technology is for high-frequency sound waves to emit acoustic energy into objects that can withstand gravity . Many ultrasound levitation devices are developed based on this system in which captured particles had to be fitted with acoustic elements. Acoustic levitation is well suited for the study of beverages that include aqueous solutions, natural ingredients, soft materials, polymers, and therapies around room temperature .

The Acoustic beam is a emerging technology that uses 64 microphones as shown in Fig (1), which can create very high and powerful sound waves, enabling the acoustic hologram to lift, move, rotate and hold small objects. By controlling the output of the speakers, the particles can be raised, held upright, moved and rotated.This method can be designed for a variety of programs. An acoustic beam tractor can be used to assemble electronic components or to take drug tablets or small surgical instruments with live tissue and cells. Devices using this technology may move tissues, liquids,chemical, and other substances within the body without physical contact

II. TRACTOR BEAM

A tractor's beam is a machine that has the ability to pull from one object to another. Since the 1990s, technology and research have worked hard to achieve it, and have had some success at a relatively low level . The technology allows users to open and move small particles without physical contact.

In Fig (1) shown below, to the left, the waves are marked as a broken yellow line from a normal light bulb or sound that tends to replicate the object shown as blue arrows and to move a bit. To the right the Waves from the new tractor pole are shown, those that return the sides of the object and return to the top. As a result, the particle is pulled to the source material. Fig (1) There are a number of different ways to do this - including lasers and small particles. Dental implants use a laser beam using a very powerful fixed laser that can hold the particles and move them towards the laser

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Home Automation Using IOT

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ABSTRACT: With the increase in consumption of energy and population, we need to conserve our energy in every way possible. The ability to access and control the equipment from remote locations is one of the major reasons for energy loss. The users to give instructions to these systems use a voice or an android application. This system can make use of a host of communication methods such as Wi-Fi, GSM, Bluetooth, ZigBee. Different controlling devices and configurations can be found in active systems. Such systems are present already in many places for a wide variety of equipment . This paper presents a survey of all such systems.

General Terms -Embedded Systems, Remote access Systems, Mobile Applications, Web Applications and Home Automation System

KEYWORDS: Energy Conservation, Raspberry Pi, Portability, Physically Challenged, Electrical and Electronic Devices, Home Automation.

I. INTRODUCTION

The concept of Internet of things(IoT) was introduced by the growth of the widely used global network known as the internet along with the deployment of ubiquitous computing and mobiles in smart objects which brings new opportunities for the creation of innovative solutions to various aspects of life. The concept of Internet of things(IoT) creates a network of objects that can communicate, interact and cooperate together to reach a common goal.IoT devices can enhance our daily lives, as each device stops acting as a single device and become part of an entire full connected system. This provides us with the resulting data to be analyzed for better decision making, tracking our businesses and monitoring our properties while we are far away from them. As the paradigm of IoT is growing, it is stepping into every aspect of our lives. This leads to an easier life through wider range of applications, such as electronic health care solutions and Smart city concept. The concept of Smart city aims to making a better use of resources, increasing services quality offered to the citizens, and reducing costs of the public administrations.

The paper will also compare and contrast all the systems and look at their various features and disadvantages. A wide variety of options are available for the home automation systems. All of these will be examined at length.

II. METHODOLOGIES

2.1 GSM based Home Automation System

The system proposed 3 means to control to the home: the GSM network, the Internet and through speech. The real time monitoring has been an important feature that can be used in the home automation systems. As a change in the status of the devices occurs, the user can be informed in real time. The user commands are transferred to a server which is usually done by a PC. The server processes the user commands and sends them to the relevant units. This can help control the appliances. GSM is used as a communication medium to help establish connection in places where there may not be proper internet connectivity. The server uses AT commands to communicate with the GSM modem. The mobile interface is developed using J2ME. The server has 4 engines running – the web server, database, main control program and speech recognition program. The system can be controlled using SMS. It can send confirmation messages. Speech processing is done with a dynamic time wrapping algorithm. The voice activation has been tested and found to be too impractical. As a more stable alternative, the voice input can be activated through a wireless unit

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A Review on Hydrogen Fuel Cell Based Electric Vehicle

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ABSTRACT: The dangerous effects of pollutants from conventional fuel vehicles have caused the scientific world to move towards environmentally friendly energy sources. Though we have various renewable energy sources, the perfect one to use as an energy source for vehicles is hydrogen. Like electricity, hydrogen is an energy carrier that has the ability to deliver incredible amounts of energy. Onboard hydrogen storage in vehicles is an important factor that should be considered when designing fuel cell vehicles. In this Review paper, a recent development in hydrogen fuel cell engines is reviewed to the feasibility of using hydrogen as a major fuel in transportation systems. A fuel cell is an electrochemical device that can produce electricity. With anodes and electrolytes, the fuel cell splits the cation and the anion in the reactant to produce electricity. Fuel cells use reactants, which are not harmful to the environment and produce water as a product of the chemical reaction. As hydrogen is one of the most efficient energy carriers, the fuel cell can produce direct current (DC) power to run the electric car. By integrating a hydrogen fuel cell with batteries and the control system with strategies, one can produce a sustainable hybrid car.

KEYWORDS:.hydrogen, fuelcell, battery, clean transportation, electric vehicle

I. INTRODUCTION

Energy is a factor determining a country's economy, in- frastructure, transportation, and standard of life. The problem faced globally is the disparity between the consumption and the availability of energy. All nations are presently depending upon fossil fuel for the energy production, and these fossil fuels are not sustainable sources. To supply the energy de- mands of the more rapidly increasing global population, it is essential to upgrade to an alternative, sustainable energy source that does not negatively affect the environment. In recent decades, the United States has been putting emphasis on the environmental impact of the transportation sector and reducing petroleum dependence. Depletion on non-renewable conventional fuels is one of the main issues of the modern energy scenario, which makes the state of the energy industry unsustainable, and it also causes environmental problems such as the greenhouse effect. Today, the proportion offossilfuel use is still high, and it is projected that it will account for approximately 75% of energy production in 2050. Overall, the current energy scenario has many downsides. However, there exist many sustainable energy sources, and if their use increases, the scenario will be much more optimistic for future generations. It is predicted by environmentalists that theworst- case scenario of global warming and its effect will not be reached because of different initiatives. Over the last two decades, vehicles have become more fuel efficient, and hybrid electric vehicles are becoming more common. One of the fastest growing alternative energies in vehicles is electricity. As with conventional energy sources such as petroleum and coal, electricity is not a primary energy source. A fullycharged battery is an energy carrier. Battery electric vehicles (BEVs) are highly efficient at converting energy from the grid into tractive force, and they can recover energy during drives by utilizing regenerative braking. One major drawback of BEVs is that they usually have a limited range due to the size and the cost of batteries necessary for vehicle power and energy requirements. The "refueling" of the battery systems can also take several hours, rather than a few minutes with a conventional vehicle (CV). To use advantages of both electric and conventional vehicles and to bridge the gap between CVs and BEVs, an alternative is considered. Hydrogen is a chemical energy carrier that has the capability to produce electricity up to 39.39 kWh/kg, which surpasses the energy density of most batteries. A fuel cell (FC) has a direct analogy to an internal combustion engine (ICE). An ICE converts chemical energy stored in the fuel supplied

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Parameter Estimation of Single-Phase Induction Motor

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ABSTRACT

This paper presents a methodology to estimate the parameters of a single-phase induction motor (SPIM) equivalent circuit using a dc test, a locked-rotor test, and a no-load test. By neglecting the core-loss resistance, the SPIM parameters can be first directly calculated using a simplified equivalent circuit. However, an equivalent circuit using the resultant parameter values fail to match the power input measured at the motor terminals, especially for the active power under the no-load test. We include the core-loss resistance into the parameter estimation framework and use the Newton-Raphson (N-R) algorithm to improve the estimates obtained by the direct calculation method. Experimental results on a laboratory SPIM demonstrate the effectiveness of our proposed N-R based parameter estimation scheme, in terms of excellent match with the active and reactive power measurement data from the aforementioned tests, and mismatch reduction at other operating conditions.

Keywords : Induction Motor Faults, Motor Current Signature Analysis, Identification, Diagnosing Techniques, Arduino Uno, Embedded system, Tests, Voltage, current, speed, power, torque, efficiency.

I. INTRODUCTION

Industries of this modern era are mainly concerned with quality and quantity of production over a period of time. More than 300 million industrial electric motors are installed worldwide. AC motors are chosen prior to DC motors as it requires a single power source whereas DC machines require separate power sources to the rotor and stator of the motor. Apart from this, there are other factors which make induction motors well suited to industrial usage, like robust in construction, low maintenance cost, high starting torque, efficiency and reliability makes difference from other motors.

Furthermore, motors are an essential machine and it also has a tendency to fail at some point in time. Taking industrial motors as an example, factors such as amount of lubrication, electrical considerations, motor ventilation, alignments and motor load are some possibilities that can be reason for motor failure. These factors result into motor vibrations or rise in motor temperature to critical levels or any other failure.

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A REVIEW OF PV CELL CONNECTED TO A SINGLE PHASE PHOTOVOLTAIC INVERTER WITH CLOSED LOOP CONTROL

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Abstract— **This paper provides an overview of PV cell connected to transformer less single-phase inverter suitable for grid-connected system with closed loop control. The characteristic of PV cell varies under various weather conditions. The power produced by PV is usually delivered to inverter system, so grid-fed single-stage single-phase inverter with MPPT and closed loop control. There are various control technique are used to control output of the inverter and maintain stability in the system.**

Keywords—**PV cell, Grid connected inverter, MPPT, Controller.**

I. INTRODUCTION

In the 21st century, the day-by-day increasing pollution and decreasing security of the energy become biggest challenge for human being. Nowadays, demand for energy gets increases abundantly. It is necessary to develop new technologies for harvesting of energy so that environment gets protected. Due to shortage of coal many researcher also concentrate on using different renewable energy resources (RER) as tide energy, wind energy and energy generated from solar. So solar energy is most commonly used renewable energy source for generating power. Normally, photovoltaic cell convert solar energy into electrical energy. PV cell used for power generation and different commercial as well as research application because they have advantage of being maintenance free and pollution free.

Photovoltaic is method of producing electrical energy by transforming solar radiation into direct current electricity using some semiconductor devices like converters, inverters, etc. The PV cell equivalent circuit given below [5]:

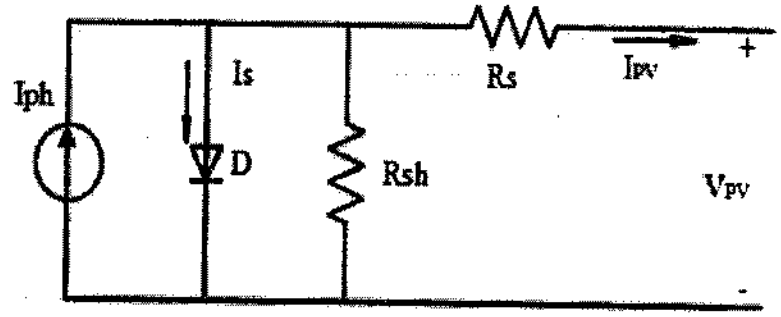

Fig 1. Equivalent circuit of PV cell

Equation of output current of PV cell is:

$$I_{PV} = I_{ph} - I_s\left(e^{q(V_{PV}+I_{PV}*R_s)/nKT} - 1\right) - (V_{PV} + I_{PV} * R_s)/R_{sh}$$

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IoT Enabled Solar Power Monitoring System

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UG Students, Department of Electrical Engineering,, P. R. Pote (Patil) College of Engineering and Management Amravati, Maharashtra,India[23456].

ABSTRACT: Solar power plants need to be monitored for maximum power output. This helps regain economical power output from power plants whereas watching for faulty star panels, connections, dirt on panels lowering output and different such problems moving star performance. therefore here we've a bent to propose machine-driven an automatic IOT based solar power watching system that permits for automated solar power watching from anyplace over the online . we are using Arduino based mostly system to observe a 10 Watt solar array parameters. Our system perpetually monitors the solar battery and transmits the power output to the IOT system over the online . Here we've a bent to use IOT lizard to transmit solar power parameters over the online to the IOT lizard server. It currently displays these parameters to the user exploitation an honest graphical interface and conjointly alerts users once the output falls below specific limits. This makes remotely seeing of star plants simple and guarantees the simplest power output.

KEYWORDS: Internet of Things (IoT), NODE MCU, Arduino, Solar panel, Things Speak.

I. INTRODUCTION

Internet of things (IoT) is playing a serious and crucial role within the lifestyle of humans by enabling the connectivity of the many and most of the physical devices through internet to exchange the data for monitoring and controlling the devices from a remote location, where are the devices becomes intelligent .This technology can connect a wide range and varieties of things such as animals,humans,smart transport, smart grids, virtual power grids, smart cities, vehicles, heart monitoring systems, environmental sensing, shopping systems, home automation, energy utilization, helping for disabled and elderly individuals, cochlear implants,tracking of things, equipment manufacturing, agriculture,emergency monitoring systems, electronics tool collectionsystems, vehicle control etc. according to the survey there is an increase of 30% i,e 9.2 billion internet connected devices from 2017-2018. .In 2020, the connected device might be increased to 30 billion by 2020 and which makes the business market around 7.1 trillion dollars. By using the IoT we are capable of enabling the machine to machine communication M2M or device to device communication without human intervention. In the modern life electricity became the important and essential part of the life. For any work now, each day we require electricity like lighting, heating, refrigeration, cooling, transportation systems what not all the house appliance works on electricity. Nowadays the consumption of electricity is increasing at each instant. To compete with the demand of the public of electricity is to be generated and give to the end users. As the population increases the consumption also increases.

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GAS LEAKAGE DETECTOR AND CONTROL SYSTEM USING GSM MODULE

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ABSTRACT

LPG leakages are a mutual hindrance in household and manufacturing nowadays. It is very life threatening if you will not distinguish and modified right away. The idea behind our project is to give a solution by power cut the gas provision as soon as a gas leakage is perceived apart from activating the sounding alarm. In addition to this, the authorized person will receive a message informing him about the leakage with the increase of natural gas productions in the last 10 years: Philippines gas industry has really taken its toll. However, the Bureau of Fire Protection prompted the society to yield preventive and security measures against defective electrical cabling and dissolved petroleum gas leaks regardless of fire alarming incidents in the first half of 2017.

1.INTRODUCTION

According to ABS-CBN news 2017 that from January to June last 2017, the BFP has recorded a total of 2,522 fire incidents. It was traced that LPG is one of the major cause of fire during that year where half of the total which is 1,253 beside from the electrical causes. " https://news.abs-cbn.com/business/01/12/17/doe-to cancel-scc-of-pasig-lpg-refilling-plant More than the lifetime Arduino has been a reason that thousands of projects from everyday bodies to complicated scientific mechanism. Worldwide societies of scholars, performers, programmers, and specialists have assembled around this open-source program. Their knowledge about the said matter contributions a lot to help the society in this subject area. The project entitled "Gas Leakage Detector and Control System Using GSM Module", will be a great help in terms of preventing any danger caused by gas leakage. The purpose of this project is to detect the presence of LPG leakage as a part of a safety system. Apart from sound alarm, an SMS alert will inform the authorized person and the solenoid valve will be triggered to shut down the gas supply to prevent any harmful effects due to gas leakage.

Descriptively, we use a gas sensor to monitor the LPG if the gas leak reaches beyond the normal level. This proposed project will trigger the sound alarm. In addition, the authorized person will be informed about the leakage via SMS alert and the gas supply will be automatically shut down. The people can be saved from a potential explosion caused by gas leakage consult additional resources that assist you in writing a professional technical paper.

2.METHODS AND MATERIAL

General Objective

To layout and acquire a project "Gas Leakage Detector
And Control System Using GSM Module"

Specific Objective

(1)To layout and acquire project that will perceive gas outflow like Methane leak, Butane leak, and LPG leak, Methane outflow or any such petroleum centered on gaseous substance that can be discovered using MQ5 device.

(2)To layout and set up an SMS centered Alert method alert missives to restrict mobile number enter inside the

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Models and Technology Used in Smart Grid

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ABSTRACT: A smart grid is an electricity network enabling a two-way flow of electricity and data with digital communications technology enabling to detect, react and pro-act to changes in usage and multiple issues. Smart grids have self-healing capabilities and enable electricity customers to become active participants. This paper has proposed data Envelopment Evaluation Model for the technical and allocative efficiency evaluation of smart grid. This paper presents condition assessment concept for smart grid equipment which reflects the physical state of the electric grid equipment, which may significantly affect its performance. In this paper we discussed blockchain technologies used in smart grid.

KEYWORDS: Smart Gird, Condition Assessment Model, Data Envelopment Evaluation Model, Block Chain.

I. INTRODUCTION

A Smart Grid is an electricity network that can cost efficiently integrate the behavior and actions of all users connected to it – generators, consumers and those that do both – in order to ensure economically efficient, sustainable power system with low losses and high levels of quality and security of supply and safety. A smart grid employs innovative products and services together with intelligent monitoring, control, communication, and self-healing technologies. The smart grid principle is rather based on a hierarchical structure and on the acceptability of intermittent resources such as renewable energies. SG acceptability of the choppy different renewable energy sources and its power outage self-healing capability are the major advantages over traditional power grid. Electric power grid includes three main generation systems with similar assets; systems that are responsible for the production of electricity from fossil fuel, renewable energy sources such as solar and wind, and nuclear power through centralized power plants that may include generators, diesel engines, gas turbines, step-up power transformers, motors, compressors, pumps, switchgear equipment, etc. Smart grid enhancements include various technologies used to improve the stability and reliability of the generation in addition to intelligent controls and generation mix consisting of various renewable energy resources.

Condition assessment in smart grid could be the first step in a more formal asset management system, which allows utilities to reflect the physical state of different electric grid equipment, estimates remaining useful time of the electrical equipment for a more reliable smart grid, and identifies future maintenance requirements. It also provides an analysis of functional and physical deficiencies of electrical equipment for equipment replacement program and for making timely decisions about electrical equipment rehabilitation.In process of its construction, the advanced technology is the key factor for the development of the grid in the intelligent direction. The impact of the assessment technology is significant for the smart grid. From the point of technological progress and technical efficiency, analysis of this effect is the main research idea at home and abroad. In economic management science, the technical efficiency is the ability of maximum output under the fixed input factors of the production unit Data Envelopment Analysis (DEA) has been used to evaluate the technical efficiency and scale efficiency of the power network. Some scholars also use DEA to evaluate the technical efficiency of the hydroelectric power enterprise or transmission and distribution system. The focus of smart grids is to facilitate local production and consumption by prosumers and consumers. By stimulating local energy production and consumption, the transmission losses are reduced. Prosumers and consumers should be able to trade electricity with each other in a peer-to-peer fashion. To manage these transactions between consumers and prosumers participating within the smart grid in a centralized manner would likely to be very costly and would require complex communication infrastructure.

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Password Base Circuit Breaker Using Gsm Modem

RADHIKA MOTIRAM MAHALLE[1], ADHIRATH KOHALE[2], PRATIK RAIKAR[3], BHAGAWATI GOSWAMI[4], SHREYASH DHAWALE[5]

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Abstract- *This paper presents Internet of Thing (I.O.T) based monitoring & control of circuit breaker. Circuit breaker is an important component of Industrial Electrical System. It is used for protection & switching. Hence, reliable operation of circuit breaker is essential. Circuit breaker ages over time & number of operations. This raises a concern regarding reliability of circuit breaker operation. In order to ascertain reliability of circuit breaker, it is general practice to carry out preventive maintenance at fixed time intervals. The main disadvantage of this maintenance approach is unnecessary downtime & offline usage of separate diagnostics equipment although the circuit breaker is healthy. This increases the maintenance cost of circuit breakers. Moreover, in present practice, the control of circuit breaker is realized through hardwired control logic which increases the size of control & metering cabinet of the circuit breaker & prevents integration of Internet of Things. This put a limitation on decision making process as circuit breakers data are not accessible on the fly. Presently monitoring of circuit breaker is being carried out through proprietary solutions like Remote Terminal Units & SCADA. Proprietary solution raises a concern regarding reliability & security of the safety/safety related/strategic application as the backend implementation of proprietary solution is not accessible by the user.*

In this paper, an attempt was made to develop monitoring & control scheme of a typical circuit breaker using Arduino Mega 2560 embedded microcontroller along with Ethernet Shield for integration of Internet of Things. Circuit breaker parameters like load current, trip coil current, close coil current, spring charging motor current, number of closing operations, number of tripping operations etc. are monitored. The monitored data are uploaded to Internet of Things platform "Thing Speaks" in order to make circuit breaker data available on the fly for effective decision making. Monitored circuit breaker parameters are used to determine health of the circuit breaker in order to ascertain its reliable operation & to determine its maintenance/replacement needs. This paper is an effort to develop automated circuit breaker monitoring & control systems that diagnose the electrical and mechanical health of circuit breaker in real time. This is a shift in the maintenance paradigm from time-based maintenance to as needed maintenance. This shift comes with the benefit of maintaining adequate circuit breaker performance while reducing overall maintenance costs & unnecessary downtime.

Moreover, open-source platform is used which eliminates the concern regarding reliability & security of the safety/safety related/strategic application as complete source code implementation is open & fully accessible by the user.

Indexed Terms- *Internet of Thing, Circuit Breaker, Thing Speak, Arduino.*

I. INTRODUCTION

The electrical energy is the clean and cheapest form of energy for the specific needs of domestic, corporate and industrial consumers. The electric distribution is a very wide network of wires to deliver the supply by incorporating various electrical elements. Presently the accidental cases of death or injuries of linemen is noticed while working on the section of line for the repair or maintenance. The present work focuses on the regular practice and flaws of line clearance (LC) for the repair request and closing of LC after the repair is done. The draw backs of current LC system are charging of the line by accidental or by mistake of the operators at substation may be due to lack of information or criticality has evidenced injuries or even death of working linemen on the line. The use of intelligent micro controllers for various control mechanisms is found in the literature [1]. The use of

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MANTECH Publications

Journal of Current Trends in Electrical Engineering

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Smart Waste Management Monitoring System

Prashik S. Khobragade[1*], Utkarsh S. Gedam[2], Arpit R. Brahamne[3], Saurabh B. Kadu[4], Chandrakant R. Kakade[5], Rushikesh Telgote[6], Prof. Ashish K. Duchakke[7]

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Abstract

The smart waste management monitoring system which is proposed here is to implement a smarter way of conventional waste management using smart sensors to gather fill-level data, presence of garbage around the dustbin and stinking condition from containers and garbage bins, and send it to servers in real-time. An authorized phone number that is present in Waste Management Centres gather fill-level and other information sent from multiple containers which are situated throughout a city/locality. The data acquired as above can be used to systematically plan a route map to collect garbage. The information from bins to the authorized number is sent using communicating modules (GSM/GPRS module). The entire operation is controlled using a microcontroller. This report showcases a potential design for an IoT gateway that can be used to provide a framework for a smart waste management monitoring system.

***Keywords**: - Garbage Container, Ultrasonic Sensor, Arduino Board, Bread Board, GSM Module, Jump Wires.*

INTRODUCTION

"Cleanliness is next to godliness" is said and believed from the centuries. In this era of environmental concern, individuals are outwardly interested in the healthy state of their surroundings. Whether it may be a small home of four members or a locality, cleanliness is of equal importance. India being a huge and highly populated nation, effective waste

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Heartbeat and Temperature Monitoring System for Remote Patients using Arduino

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ABSTRACT: Health is one of the global challenges for humanity. In Many countries, there is increasingly growing number of people with chronic diseases due to different risk factors ,thus day by day caretaking demands also increasing . Subsequently health monitoring system acuiring a significance these days . We have developed a cost-effective, easy-to-use systems for the sake of elderly healthcare and well being. This praposed system uses a sensors, to track patients health and gives a inform their loved ones in case of any issues . This device are use to collect the temperature , blood pressure , heart beat rate of patients in real time to determining the health condition of the patients. Here an Patients health monitoring system using Aurdino and sensors is proposed to collect a required information. Patients health monitering system gives notification to the patients by using Aurdino and the sensors which are used in designed sysytem to measure heart beat and body temperature of patients which are controlled by microcontroller also suggeste a patient with medical care next step to he followed in case of crtical situation. To transmit a data wire less technique is used. aurdino board collects a data from snesors and transmitte it to the wirless system to the receiving end of disgend module. The data are displayed at the receiving end. This system could be made available at a reasonable cost with great effect.

KEYWORDS: Arduino, Heartbeat Sendors, Health Monitoring System, Temperature Sensor.

I. INTRODUCTION

Health is a fundamental capability humans need to see , feel, and act viably , as it addresses an essential component in the improvement of the person .That is why it is important to give satisfactory approach to manage healthcare by monitoring and medical assistance.

In emergency clinics there are arrangements for constant observing of patients. Their ECGs, heartbeats are constantly observed. There is no arrangement to check these parameters when they get back to home. Also, consequently quite possibly the sickness may return once more. Patient's information (temperature, pulse, ECG, position) will be frequently measured. Time of sending (say each 1 min) can be set.

ordinary internal heat level additionally changes from individual to individual and changes for the duration of the day. The internal heat level is least in the early morning and most elevated in the early evening. The ordinary internal heat level is about 37° C or 98.6 ° F. Be that as it may, it very well may be just about as low as 36.1° C (97°F) in the early morning and as high as 37.2° C (99° F) and still be viewed as ordinary. Subsequently, the typical range for internal heat level is 97 to 100 degrees Fahrenheit or then again 36.1 to 37.8 degrees Celsius. Temperature can be measured by utilizing various kinds of sensors. These sensors come in various structures like thermocouples, thermistors, opposition

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Automatic Accident Detection, Ambulance Rescue and Traffic Signal Controller

Swapnil Tumbwad*[1], Vaibhav Hiwase*[2], Pooja Kopare*[3], Sanchay Solanke*[4], Nikhil Pidurkar*[5], Ayush Shende*[6], Prof.H.S.Kulat*[7]

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Professor, Department of Electrical Engineering, P. R. Pote (Patil) College of Engineering and Management, Amravati, Maharashtra, India*[7]

ABSTRACT: Nowadays the road accidents in modern urban areas are increased to an uncertain level. The loss of human life thanks to accidents is to be avoided. Traffic congestion and tidal current are major facts that cause delays to ambulance. To bar loss of human life because of accidents we introduce a scheme called ITLS (Intelligent traffic light system). The main theme behind this scheme is to supply a smooth flow for the emergency vehicles like ambulance to succeed in the hospitals in time and thus minimizing the delay caused by traffic congestion. The idea behind this scheme is to implement ITLS which could control mechanically the traffic lights within the trail of the ambulance. The ambulance is controlled by the control unit which furnishes an adequate route to the ambulance and also controls the traffic signal consistent with the ambulance location and thus reaching the hospital safely. The controller identifies things of the accident spot through the sensor systems within the vehicle which determined the accident and thus the controller walks through the ambulance to the spot. This scheme is fully automated; thus, it finds the accident spot, controls the traffic lights, helping to succeed in the hospital in time.

I. INTRODUCTION

Nowadays Wireless Sensor Networks (WSN) has been applied in various domains like weather monitoring, military, home automation, health care monitoring, security and safety etc. or during a nut shell one can say wireless sensor network are often applied in most of the domains. Traffic Signal System or traffic monitoring may be a vast domain where WSN are often applied to collect information about the incoming flow of traffic, traffic load on a specific road, traffic load at particular period of your time (peak hours) and in vehicle prioritization. WSN installed along a road are often utilized to regulate the traffic load on roads and at traffic intersections. The sensor nodes that are to be deployed along the road are small in size and have low energy consumption. These sensors run on both battery power also as solar power. They have the potential to draw solar power in order that they will use sunlight for functioning in bright and sunny condition and therefore the battery power for working at night or in cloudy or foggy condition. Sensors utilized in the Wireless Sensor Network for traffic light systems are mainly of two types:

i)Intrusive sorts of sensor are kept under the road and sense the traffic waiting at the signal. This type of sensor has an equivalent working rule as that of a detector.

ii)Non-Intrusive sorts of sensor is fitted on the road. The installation of this sort of sensor is straightforward as no cutting of road is required to be done. Non-intrusive sensor includes acoustic sensors or video image processors to detect the presence of vehicles waiting at the traffic intersection. Although Intrusive sensors are very effective still Nonintrusive sensors are preferred over Intrusive sensors as they're cost-effective, easy to put in, resistant to natural corrosion and degradation.

II. METHODOLOGY

Automatic accident detection using sensors, location tracking using GPS, sending location coordinates to ambulance, finding exact spot of accident using GPS viewer application, starting of operation and traffic light monitoring using RF transmitter and receiver of these steps are executed consistent with response of the circuit.

189-505 3.2.1. Mech 2020-21

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Fuzzy Analytical Hierarchy Process Comparison with the Analytical Hierarchy Process and its Cross-Validation with Current Industry Scenario

Parag Wadnerkar[1], Dr. R. S. Dalu[2]

***Abstract*—**An Agriculture has a great impact on the Economy of the Republic of India. India is called as Land of farmers, where 70 to 80% of people are totally depending on farming. Peoples are doing natural farming which is dependent on rain, climate, and other natural factors. A large proportion of peoples doing farming that's why there is a huge scope of development of Agro implements manufacturing industries. The proposed concept is entirely based on the development of Agro implements manufacturing industries in the Vidarbha region of Maharashtra (India). The Vidarbha region has Limited industries that process on the agricultural raw material. People from the Vidarbha region takes major crops like cotton, soybean, orange, dry fruits and others. This concept suggests an impact of various factors like production cost, supply delivery, on-time delivery, information processing cost, pricing again market and others on supply chain management in Agro implements manufacturing industries through the use of the Fuzzy analytical hierarchy process (FAHP) model. It also compares the analytical hierarchy process (AHP) with the Fuzzy analytical hierarchy process (FAHP) and the result shows that, propose FAHP model fits accurate in real-time scenarios of Agro implements manufacturing industries in Vidarbha region. Results obtained from the proposed model is cross-validated by industry experts of medium, small and large scale agro implements manufacturing industries. By concluding, we may suggest implementing a propose analytical hierarchy process model (FAHP) not only in Agro implements manufacturing industries but also any kinds of industries including automobiles, aviation, aviation, banking and others.

***Index Terms*—**Analytical Hierarchy Process (AHP),Fuzzy Analytical Hierarchy Process (FAHP), Agro implements manufacturing industries (AIMI), Logistic cost,

[1] Parag Wadnerkar is a professor in the Department of Mechanical Engineering and doing his research work on supply chain management especially its effect on Agro implements manufacturing industries. His major concern in developing multidisciplinary parameters based model that affects the performance of production engineering industries. He publishes much more research paper and guides too many projects in a real-time industrial scenarios.

[2] Prof. Dr. R. S. Dalu is a professor in the department of production engineering at Government College of Engineering Amravati. He guided more than 20 Ph.D. scholars and also registered to many patents and copyrights for his research work. Most of his projects are funded by government agencies and successfully implemented in real-time industries. His major area of research is multidisciplinary input model development and establishing its relation using the supply chain management process.

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Turkish Journal of Computer and Mathematics Education *Vol.12 No.2 (2021), 1699-1708*

Research Article

Performance Analysis of Cascaded Hybrid Symmetric Encryption Models

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Lovely Professional University, Punjab, India

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Abstract: Over a few years, there is rapid increase of exchange of data over the net has brought data confidentiality and its privacy to the fore front. Data confidentiality can be achieved by implementing cryptography algorithms during transmission of data which confirms that data remains secure and protected over an insecure network channel. In order to ensure data confidentiality and privacy, cryptography service encryption is used which makes data in unreadable form while the reverse process rearranges data in readable form and known as decryption. All encryption algorithms are intended to provide confidentiality to data, but their performance varies depending on many variables such as key size, type, number of rounds, complexity and data size used. In addition, although some encryption algorithms outperform others, they have been found to be prone to particular attacks. This paper reviews and summarizes the various common hybrid cascaded n-tier encryption models. Additionally, this paper compares and analyzes the performance of common hybrid cascaded 2-tier and 3-tier encryption models obtained during simulation based on encryption/decryption time, avalanche effect and throughput. The models compared with AES are 2-tier models (AES-TWOFISH, AES-BLOWFISH, TWOFISH-AES, BLOWFISH-AES, AES-SERPENT and SERPENT-TWOFISH) and 3-tier models (DES-BLOWFISH-AES, AES-TWOFISH-SERPENT and SERPENT-TWOFISH-AES). The hybrid cascaded model like AES-TWOFISH, AES-BLOWFISH and SERPENT-TWOFISH-AES are better hybrid models with respect to throughput and avalanche effect.

Keywords: Cascaded encryption, Hybrid cryptographic model, Multiple encryption, Symmetric encryption algorithm

1. Introduction

Now days, we are in the information overflow over internet, where we are producing, storing and distributing a variety of digital data every day. A lot of data is stored on a computer and transmitted to the internet in the form of files. For valuable, personal or private information or file, it must be secured from infringement by using cryptographic method encryption.

It is essential to protect data from cyber attacks with the growing use of data sharing and connectivity through the Internet. Nowadays, the provision of data confidentiality and privacy has posed a huge problem for computer security analysts and practitioners. Confidentiality of data entails securing data from unwanted disclosure or fraud. It can be accomplished by data encryption and decryption with the aid of cryptography. Cryptography helps to protect sensitive data or records on a hard disc or as it is sent by an unreliable medium of communication. Encryption is the art of protecting information by translating them to secret texts, while decryption is called the opposite way of extracting original texts from secret texts. Without knowing the secret key used during encryption, every encryption algorithm aims to make the decryption process almost impossible (Alenezi et al., 2020).

The hybrid model involving cascaded encryption (multiple ciphers) can enhance the security of a cryptographic system, especially if the different algorithms along with different keys are autonomously chosen and used. Fig. 1 demonstrates the general concept of n-tier hybrid cascaded encryption model i.e. with n stages. During decryption process of hybrid model, obviously reverse order of the algorithms and its associated keys will be used (Marinakis, 2019).

P. R. Pote (Patil) Education & Welfare Trust's Group of Institutions College of Engg. & Management, Amravati

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3.2.2. Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

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4	EXTC Department	532
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3.2.2. Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

Qn M

3.2.2.1. Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year

Year	2020-21
Number	9

Data requirement for year: (As per Data Template)

SN	Name of Teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Name of the conference	National / International	Year of publication	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
First Year Department										
1	Dr.H. R.Dhanbhar	Chapter 1 Manag	nil	Invoativ	nil	International Publisher	16-Feb-21	195461445, 9789544 6144	PRP CEM	InSc International

		ement of Municipal solid waste and production of Manure from MSW		eResearch Trends In Science and Humanities				4			
Mechanical Engineering Department											
2	**Prof. P.B.Ingle**	**Technoscience Academy**	"Analysis of Heat Transfer and Human Comfort in ware house "	**IVCMN-2021**	IVCMN-2021 PRPCEM and Associated with Guru Nanak College of Engineering	**International**	**2020-21**	**Online ISSN: 2395-602X Print ISSN: 2395-6011**	**PRPCEM and Associated with Guru Nanak College of Engineering ,Ballarpu**	IJSRST	

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EXTC Department.										
1	Prof. A. P. Dhande	IT in Industry	Hyper Spectral Remote Sensing For Damage Detection And Classification Models In Agriculture - A Review	I T i n I n d u s t r y	International Conference on Convergence of Smart Technologies (IC2ST - 2021)	International	2021	2203-1731	P. R. Pote College of Engineering & Management, Amaravati	IC2ST
Computer Science Engineering.										
1	Pawade	Algorithms for Intelligent Systems	Machine Learning based Approach for Nutrient Deficiency Identification in Plant Leaf		International Conference On Innovation & Sustainability	International	2021	Print ISBN 978-981-16-2247-2 Online ISBN 978-981-16-2248-9		Springer, Singapore
2	Parnal P. Pawade		Prediction of opening and closing of		International Conference	International	2021	Online 2456-3307		IJSRCSEIT

					Company Stocks Using Machine Learning		On Research Perspectives IoT in Hybrid Grid Integrated Renewable Energy Sources					
		3	Dr. A.B.Gadicha	"Green Engineering and Technology: Innovations, Design and Architectural Implementation".	**E-Navigation: Indoor System for Green City Sustainable development Using UGU Engine Architecture**			International	2021	978100317627 5		Taylor and Francis

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4	**Dr. A.B.Gadicha**	"Application of Artificial Intelligence in COVID-19	**A Predictive Mechanism to Intimate the Danger of Infection via nCOVID-19 through Unsupervised Learning**			**International**	**2021**	ISBN 978-981-15-7317-0		Springer
5	Zeeshan I. Khan		Non Linear Recognition Based Image Authentication Scheme Providin f Flexibility And Droping Space-Time Consumption	Research Opportunities and Appl	E-Conference on AI & ML (Artificial Intelligence and Machine Learning)	International	Nov 2020		TCET, Mumbai	EC-AIML 2020 (Under Processing in the Proceedings of Springer Nature)

				ications in the field of Engineering & Science							
6	Zeeshan I. Khan		Enhanced Recognition Based Image Authentication Scheme to Save System Time & Memory	IEEE Bombay Section Signature Conference (IBSSC)	2020 IEEE Bombay Section Signature Conference (IBSSC)	International	Jan 2021	Electronic ISBN :978-1-7281-8993-2 Print on Demand(PoD) ISBN :978-1-7281-8994-9		IEEE Explore	

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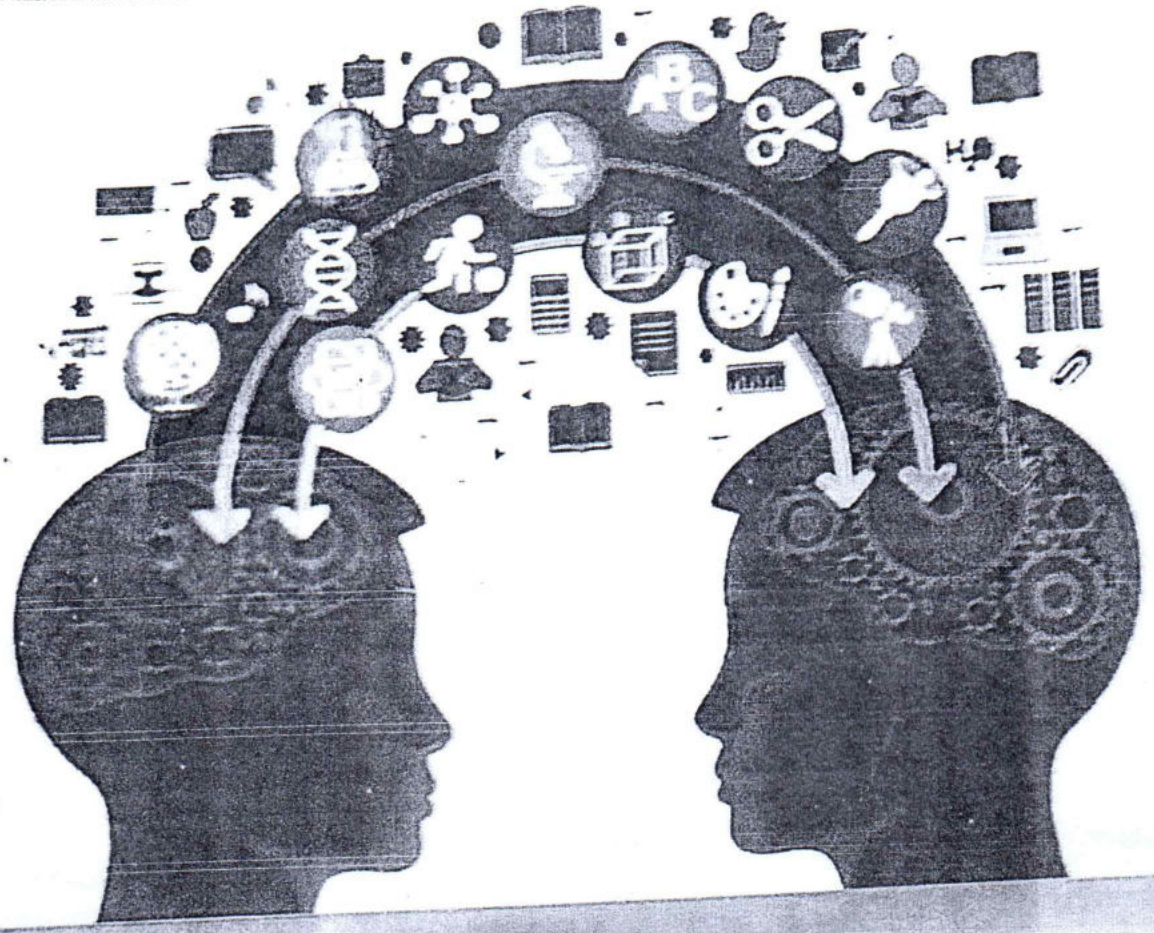

Innovative Research Trends in Science and Humanities

Dr. Vinod S. Dharkar

Dr. Kishor P. Suradkar

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Dr. Dasharath W. Chavhan

Dr. R. B. Ingle

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Management of Municipal Solid Waste and Production of Manure from MSW

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I. Introduction

The ecological imbalance leads this universe to natural calamities. Our green earth, being an important part of this universe, it is our primary duty to protect its environment, clean ,healthy and safe for living Modern human life, pollute our surroundings making our life miserable day by day. The term Municipal Solid Waste(MSW) describes the stream of solid waste("trash" or "Garbage") generated by households and apartments, commercial establishments, industries and institutions. MSW consists of everyday items such as product packaging, grass clippings, furniture, clothing, bottles, food scraps, newspapers, appliances, paint and batteries. It does not include medical, commercial and industrial hazardous or radioactive wastes, which must be treated separately.

MSW is managed by a combination of disposal in landfill sites, recycling, and incineration. Wastes and garbage are an unavoidable by-products of any industrialized society. As a city grows in terms of both industrial activity, numbers of residents as well as floating populations, it is but natural than a city generates more waste.

We all generate wastes on daily basis, which we collect in a waste bin at our home, until it is removed to the nearest municipal community garbage bin. The garbage is then transported to the dumping area notified by the municipal authority. However, this method only shifts the menace of garbage from one backyard to another. The garbage hardly undergoes any sanitization treatment at source or bio-conversion process at dumping sites, before it is dumped in the dumping ground. The integrated solid waste management programme (ISWMP) initiated by a coalition of 40 odd voluntary organizations in the city with BMC's blessings has hardly made any impact what so ever. Consequently, it started encouraging private sector in waste management, it received proposes for the conversion of city municipal wastes in to organic manure and energy.

The core of any waste management programme is waste reductions and recycling. This requires sorting garbage to separate organic wastes that can be treated or composted from that which can be recycling. The lack of awareness is the main killer of waste disposal projects. There is almost no awareness over among large sections of the educated population that waste management, because of environmental hazards it poses, has become a highly sophisticated and complex business which need the co-operation of individuals and institutions.

Companies approached BMC to use garbage to set up a bio waste energy project to generate power. Several corporate houses are also interested in the conversion of organic wastes in to fuel pellets, while other such as the Institute of Natural organic Agriculture has been promoting vermiculture to convert organic wastes in to manure.

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Analysis of Heat Transfer and Human Comfort in Warehouse

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ABSTRACT

With Growth of E-commerce & Global consumer good industry Warehouse demand in India has overtaken supply for the first time in four years. According to a new report by property developer Jones Lang LaSalle (JLL), FY 2018-19 India's total stock of Grade A and B warehousing space increased 22% year on year to 169 million sq ft. "Last year saw India's warehousing sector come of age, outshining some of the conventional real estate asset classes and attracting global investors," the report notes.

With more warehouse coming up the need for improvement in current Operations and maintenance is in high priority by the users. Temperature control is one of the biggest maintenance requirements of running a warehouse. Too much heat causes heat stress, which can make employees less productive. Extreme cold also has its shortcomings, including exposing employees to cold-related illnesses. Depending on the nature of the warehouse inventory, extreme heat can cause damages and hefty losses.

The vast space in a warehouse makes temperature control complicated – and expensive. This paper addresses the complications of air conditioning in a warehouse and suggests efficient remedies which can be implemented before and after construction of Warehouses.

Keywords : Storage Conditions, Human Comfort, Warehouse heat.

I. INTRODUCTION

Basically, a warehouse is great for storing surplus goods, which customers and clients don't need immediately. Most companies usually produce goods in anticipation of demand. This means they'll need adequate storage for their surplus goods until their customers and clients start putting in orders.

Warehouses have unique heating obstacles. They tend to be large buildings with high ceilings and many doors and windows. Additionally, many warehouses accept deliveries or shipments several times a day, exposing the space to outdoor conditions.

A. Processes in a Warehouse

The six fundamental warehouse processes comprise receiving, put-away, storage, picking, packing, and shipping. Optimizing these six processes will allow you to streamline your warehouse operation, reduce cost & errors, and achieve a higher perfect order rate. Below Image shows Process areas inside a warehouse

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HYPER SPECTRAL REMOTE SENSING FOR DAMAGE DETECTION AND CLASSIFICATION MODELS IN AGRICULTURE - A REVIEW

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Abstract

Agriculture is the pillar of the financial system of any country and it's far enormously crucial for financial improvement and social stability. Remote sensing has numerous benefits within the discipline of agronomical studies purpose. Remote sensing has the capacity to face this big obstacle in the evolutionary changes in agricultural practices, by delivering recurrent information on crop condition at multiple scales and for different actors during the season. Because of the rapid changes in farming started from mid to past 1980, remote sensing has become an indispensable a part of precision agriculture. Agricultural systems need to be monitored in regular interval. Remote sensing act as vital method in well timed tracking and provides a correct snapshot of the agricultural with good accuracy. The tracking of agricultural strongly follows seasonal patterns on the subject of the organic life of crops. Because of this background we studied various remote sensing methods like crop classification, crop tracking and yield assessment. We discovered that almost all of the remote sensing methods have been exploratory investigations, examined on a nearby scale with direct dependence on ground data. In tandem with other specialized methods such as geographical information systems and global positioning systems, remote sensing plays an important role in the measurement and monitoring of agricultural activities. We begin this review by presenting an outline of the existing methods of remote sensing relevant to the agricultural sector. This paper analyses remote sensing methods progress, problems and future in agricultural context. This article will offer an outline of commercially remote sensors having high resolution which have been used or have ability for accuracy in collecting agriculture information. Further, overview illustrates current research trends in remote sensing methods that allow reinforcing applicative skills with precise necessities for specific forms of stakeholders. We offer a synthesis of the rising possibilities in remote sensing techniques that have to reinforce the role in imparting long time and efficient services for agricultural purpose. SAR remote sensing techniques have extremely good capability and could play an important role in diverse fields of agricultural remote sensing. Finally, the paper outlines challenges, limitation and future trends of remote sensing methods in crop evaluation. This paper concludes that current utilization of remote sensing methods in crop evaluation still remains in an experimental stage.

Introduction

Remote sensing is the capacity to collect data from an entity or event in isolation. Remote sensing in addition to ground measurements with greater precision and correctness is a method for tracking the earth's properties using space technology. This requires a platform mounted sensor or instrument, such as an aircraft, satellite, probe or a UAV. Utilization of electromagnetic spectrum (infrared, visible and microwaves) is the basic principle behind remote sensing for examination of the earth's features. Figure 1 shown the typical target responses to these wavelength regions which are distinct for water, soil, vegetation, so they are used to discriminate between soil, vegetation, water and other related characteristics. Usually, the sensor tests the electromagnetic radiation that the target under observation either reflects or produces. Based on the basic characteristics of the instrument and the platform of instrument, the different type of information is available from remote sensing. These properties are motion plan for UAV, satellite orbitography, direction and location of the field sensor, passive or active sensing, and characteristics of the optical lens and detector array and storage capability. The directional, polarization, strengths of spectral, spatial resolution and re-visit frequencies, also the ratio of signal to noise are describe by the characteristics of the sensor and its platform. The atmospheric conditions and illumination indirectly influence data acquisition.

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In recognition of publication of the paper entitled

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Intelligent Chatbot Framework Based on Artificial Intelligence

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Abstract- *This paper discloses a virtual conversational method and system to relieve the psychological stress of adolescents. It also aims at providing some positive information through continuous dialogue answers in order to guide adolescents to think and face difficulties with a positive and optimistic attitude and the agenda of reliving the psychological pressure of the adolescents can be achieved. Conventional face-to-face stress detection and relief methods do not work when confronted with those adolescents who are reluctant to express their negative emotions to the people in real life. In this paper, we would like to present an adolescent oriented intelligent conversational chatting system called "Happy Soul", which acts as a virtual friend who can assist to encourage, understand, comfort, and guide stressful adolescents to pour out their bad and negative feelings, thereby releasing the stress. Chat bots, or conversational interfaces, present a new way for adolescents to interact with computer systems. This chatbot will allow a user to simply ask questions in the same way that they would address a human. The technology at the core of the proposed chatbot is natural language processing ("NLP"), RNN and client server architecture with the help of python GUI.*

Keywords- Adolescents, Natural language processing, RNN,GUI.

I. INTRODUCTION

Businesses constantly need to evolve and adopt newer trends to succeed. These days companies are implementing chatbots that help in solving customer queries, improving communication, and remote troubleshooting to enhance customer experience. Soon as I heard this reply from Siri, I knew I found a perfect partner to savors i hours of solitude. From stupid questions to some pretty serious advice, Siri has been always there for me. How amazing it is to tell someone everything and anything and not being judged at all. A top class feeling it is and that's what the beauty of a chatbot is.

A chatbot is an intelligent piece of software that is capable of communicating and performing actions similar to a human. Chatbots are used a lot in customer interaction, marketing on social network sites and instantly messaging the client. There are two basic types of chatbot models based on how they are built; Retrieval based and Generative based models. How do the Chatbots function? The main technology that lies behind chatbots is NLP and Machine Learning. When a question is presented to a chatbot, a series or complex algorithms process the received input, understand what the user is asking, and based on that, determines the answer suitable to the question. Chatbots have to rely on the ability of the algorithms to detect the complexity of both text and spoken words. Some chatbots perform very well to the point it becomes difficult to differentiate whether the user is a machine or a human. However, handling complex conversations is a huge challenge; where there is a usage of various figures of speech, it may be difficult for machines to understand.

Types of Chatbots

Chatbots are categorized into two different types. Let us look at both and see how they function.

1. Retrieval based Chatbots: A retrieval-based chatbot uses predefined input patterns and responses. It then uses some type of heuristic approach to select the appropriate response. It is widely used in the industry to make goal-oriented chatbots where we can customize the tone and flow of the chatbot to drive our customers with the best experience.

2. Generative based Chatbots: Generative models are not based on some predefined responses. They are based on seq 2 seq neural networks. It is the same idea as machine translation. In machine translation, we translate the source code from one language to another language but here, we are going to transform input into an output. It needs a large amount of data and it is based on Deep Neural networks. Use Cases of Chatbots There are various interesting chatbots, which can make your life easy. For companies, chatbot development focuses on improving their business processes and providing better user experience to their customers. It is also being utilized to serve customers on social media platforms like Face book and others. However, most of the Face book bots are

easy to develop and use, as many of them do not need coding, and anyone can create it.

II. LITERATURE SURVEY

- BACKGROUND HISTORY

ELIZA was the very first chatbot as mentioned above. It was created by Joseph Weizenbaum in 1966 and it uses pattern matching and substitution methodology to simulate conversation.

The program was designed in a way that it mimics human conversation. The Chatbot ELIZA worked by passing the words that users entered into a computer and then pairing them to a list of possible scripted responses. It uses a script that simulated a psychotherapist. The script proved to be a significant impact on natural language processing and unnatural intelligence, with copies and variants protruding up at academies around the country.

However, Weizenbaum was troubled by the reaction of users. He intended ELIZA to be a mere caricature of human conversation, yet suddenly users were confiding their most profound thoughts in ELIZA. Experts were declaring that chatbots would be indistinguishable from humans within a small number of years.

A.L.I.C.E. is a universal language processing chatbot that uses heuristic pattern matching to carry conversations. In 1995, Richard Wallace pioneered the construction of ALICE. It was formerly known as Alicebot because it was first to run on a computer by the name of Alice.

The program works with the XML schema known as artificial intelligence markup language (AIML), which helps specify conversation rules. In 1998, the program was edited in Java, and in 2001 Wallace printed an AIML specification. From there, other developers drafted free and open sources of ALICE in different programming languages and a variety of foreign languages.

The program simulates chatting with a real person over the Internet. Alice is a young-looking woman in human years and tells a user her age, hobbies and other fascinating facts, as well as answering to the user's dialog.

Siri was formed by Apple for iOS in 2010; it is an intelligent personal assistant and learning navigator that uses a natural language UI. It paved the system for all AI bots and PAs after that.

A patent application by the United States Patent and Trademark Office details a new Apple service where users could make inquiries and conversation with Siri through Messages. The new patent is similar to a published late last year, but now includes deeper integration with audio, video, and image files.

Similar to other texting and Facebook Messenger Apple's patent describes a Siri that could perform current duties without the user having to chat aloud. That could be helpful in several public spheres.

They could reply to a text, audio, images, and video when transferred to it by the user. Apple said this would result in more fruitful interactive experience among a consumer and a digital assistant.The patent provides a few examples of a conversation held between Siri and a user in Messages, with the user asking questions.

Google Now was launched at Google Inch in 2012. It answers questions, performs actions through requests made to a set of web services and makes recommendations.

It was part of a package of updates and UI modifications for mobile search, which included a female-voiced portable assistant to compete with Apple's Siri.

Google Now was initially a way to get contextually appropriate information based on location and time of the day. It evolved to become much more complicated and elaborate, with a broad range of content categories delivered on cards.

Sometimes it refers to us as predictive search. Currently, it's built for use in smartphones and has been upgraded to accommodate several features.

Google Now was replaced by Google Assistant in 2017. Today, the assistant is part of a more aggressive Google search growth strategy. The idea is simple, Google wants to provide information in an easy-to-read format before you even know you need it.

Cortana was first demonstrated at Microsoft's Build 2014 developer conference, and it became directly integrated into both Windows phone devices and Windows 10 PCs.

This program uses voice recognition and relevant algorithms to get and respond to voice commands.

For someone to get started, he or she must type a question in the search box, or select the microphone and talk

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to Cortana. If a person is not very sure of what to say, he or she will see suggestions on the lock screen, as well as in Cortana home by selecting the search box on the taskbar.
Cortana can perform tasks like reminders based on time, places, or people, send emails and texts, create and manage lists, chit-chat, and play games, find facts, files, locations, and info among others.

Alexa is an intelligent personal assistant developed by Amazon. It was introduced in 2014 and is now built in to devices such as the Amazon Echo, the Echo Dot, the Echo Show and more. There is also an Alexa app and more devices from third-party manufacturers that have Alexa built in to them.

All you have to do is say "Alexa, play some music" or "Alexa, find me an Italian restaurant" and she will help you out.

Using nothing but the sound of your voice, you can search the Web, play music, create to-do or shopping lists, set alarms, stream podcasts, play audiobooks, get news or weather reports, control your smart-home products and more.
To add to the capabilities of any Alexa-enabled device, Amazon allows developers to build and publish skills for Alexa using the Alexa Skills Kit (ASK). You can download skills for free with the Alexa app.

- EXISTING SYSTEM

In the year 2009, a company called WeChat in China created a more advanced Chatbot. Since its launch, WeChat has conquered the hearts of many users who demonstrate an unwavering loyalty to it. It is a highly thriving social media platform.

Through its platform, it has made it easy to create very simple chatbots. It has grown to be an example of the most favored ways for marketers and employers to reduce the work they do as they interact with customers online.

Though it has implications and is less performant than today's messaging apps such as Facebook Messenger, Slack, and Telegram, it doesn't mean that you cannot construct a very smart bot on WeChat. Chumen Wenwen Company, founded in 2012 by a former Google employee, has built a very sophisticated bot running on WeChat.

Early in 2016, we saw the intro of the first wave of artificial data technology in the design of chatbots. Social media platforms like Facebook enabled developers to build a chatbot for their trademark or service so that customers could carry out some of their daily actions from inside their messaging platform.

In 2018, the prize for the winning team is $3.5 million, much higher than the incentive from the Loebner Prize. The task is to create a chatbot which can vocally communicate through the smart device Amazon Echo. This device is a speaker with a built-in microphone where Alexa, voice-controlled AI, 'resides'. She constantly listens to what happens around her and she is always ready to fulfil user's wish regarding the functioning of a smart household and data processing. Amazon uses outputs from the competition to improve Alexa and widen her ecosystem. And it is very apparent. At the moment, Alexa looks more believable than the competing chatbot Google Assistant residing in the Google Home device

In early 2019, Chatbot on their Facebook profile, which was responsible for updates regarding check-in, delays or issuing of copies of boarding passes. A living member of the team would join a conversation only if there was a more complex request.

III. PROBLEM FORMULATION

The basic structure of chatbot is very similar with a Sequence to sequence model. The architecture consists of recurrent neural network of GRU cells with attention mechanism. But it contains three different mechanisms which can be used for generating response with specific emotion. The following are the characteristics of the system: Emotion Category Embedding: Representing different emotion category as an embedded vector. This vector will be learned during training by being feed to the decoder. The emotion embeds remains static and would not change in the flow. The architecture is a regular end to end sequence model, where the GRU is been used to be the basic cell and based on that we build our decoder using Recurrent Neural Network. We build our encoder using bi-directional LSTM and concatenate the cell state and hidden state to be the input of decoder.

PROBLEM DEFINATION

In this dissertation work States solution of slow responsive nature of text analyzing and filtering processes of text. All the text entered by the user mast be preprocessed so that text in the form of analysis While there are some instances, (like names "Bush" vs. "bush") where you may lose context, lowercasing tokens are a simple and effective way of ensuring that the input fits a universal data format. Stemming is an optional process of reducing a word to its base form.

Things in this work should look into are converting common misspells; types from fast fingers and keystroke errors; cultural abbreviations like "xde" into "tak ada" (Bahasa Malaysia) or ppl into people; remove superfluous cultural lingo, like "eh" or "la"; expand contractions, like "what's" into "what is"; and, standardize common terms like "email", "e-mail" and "e mail". If you can effectively do this, you can focus your time on building clean data models without needing to account for the endless supply of garbage words people may give you.

PROBLEM SYSTEM

In this dissertation Python with source code, we are going to build a chatbot using deep learning techniques. The chatbot will be trained on the dataset which contains categories (intents), pattern and responses. We use a special recurrent neural network (LSTM) to classify which category the user's message belongs to and then we will give a random response from the list of responses. Let's create a retrieval based chatbot using NLTK, Keras, Python, etc. The dataset we will be using is 'intents.json'. This is a JSON file that contains the patterns we need to find and the responses we want to return to the user.

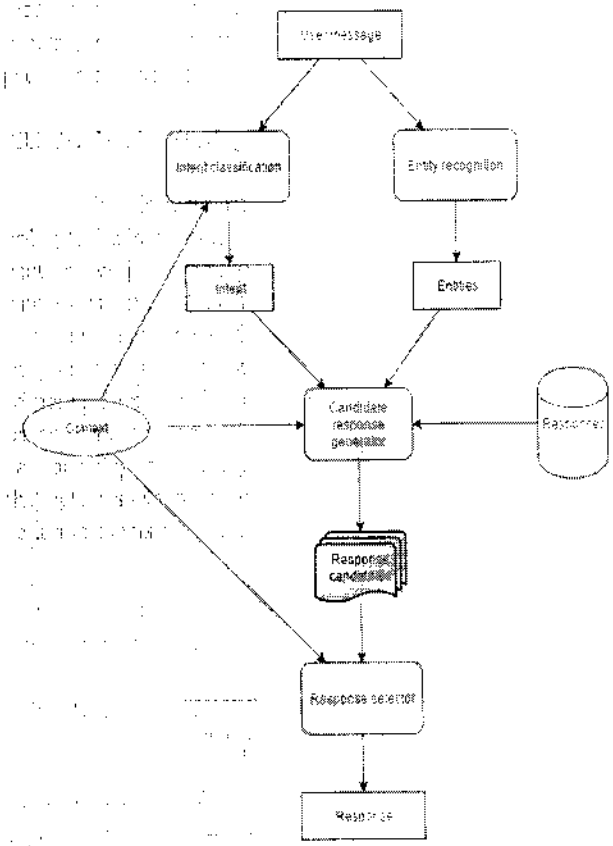

Figure 1. Chatbot working block diagram

IV. CONCLUSION

Smart solutions are important for the success of any business. From providing 24/7 customer service, improving current marketing activities, saving time spent on engaging with users to improving internal processes, chatbots can yield the much-needed competitive advantage. If you are looking to develop a chatbot, the best thing to do is to approach a company that will understand your business needs to develop a chatbot that helps you achieve your business goals.

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REFERENCES

[1] Khan, F.M., Fisher, T.A., Shuler, L., Wu, T., Pottenger, W.M.," Mining Chat room Conversations for Social and Semantic Interactions", *http://www.cse.lehigh.edu/techreports/2002/LU-CSE-02-011.pdf. 2002*

[2] Prof.K.Bala, Mukesh Kumar, SayaliHulawale, SahilPandita, "Chat-Bot For College Management System Using A.I", *International Research Journal of Engineering and Technology (IRJET)* Volume: 04, Issue: 11, Page no: 2030-2033| Nov 2017.

[3] Guruswami Hiremath, AishwaryaHajare, PriyankaBhosale, RasikaNanaware, Dr. K. S. Wagh, "Chatbot for education system", *International Journal of Advance Research, Ideas and Innovations in Technology (IJARIIT)* ISSN: 2454-132X, Volume: 4, Issue: 3, Page no: 37-43|2018.

[4] Amey Tiwari, Rahul Talekar, Prof.S.M.Patil, "College Information ChatBot System", *International Journal of Engineering Research and General Science (IJERGS)* Volume: 5, Issue: 2, Page no: 131-137| March-April 2017.

[5] K. Jwala, G.N.V.G Sirisha, G.V. Padma Raju, "Developing a Chatbot using Machine Learning", *International Journal of Recent Technology and Engineering (IJRTE)* ISSN: 2277-3878, Volume: 8 Issue: 1S3, Page no: 89-92| June 2019.

[6] "Basics of Natural Language ToolKit", *https://www.nltk.org*

[7] "WordNet Algorithm", *https://wordnet.princeton.edu*

[8] Naeun Lee, Kirak Kim, Taeseon Yoon, "Implementation of Robot Journalism by Programming Custombot using Tokenization and Custom Tagging", *International*

Conference on Advanced Communications Technology (ICACT) Page no: 566-570| Feb 2017.

[9] "Fundamentals of Natural Language Processing - Tokenization, Lemmatization, Stemming and Sentence Segmentation", *https://colab.research.google.com/github/dairai/notebooks/blob/master/_notebooks/2020-03-19nlp_basics_tokenization_segmentation.ipynb#scrollTo=H7gQFbUxOQtb*

[10] Setiaji Bayu, Wibowo Ferry "Chatbot Using a Knowledge in Database: Human-to-Machine Conversation Modeling", *7th International Conference on Intelligent Systems, Modelling and Simulation (ISMS)* Page no: 72-77| Jan 2016. DOI: 10.1109/ISMS.2016.53.

[11] "A guide to Natural Langugage Processing", *https://en.wikipedia.org/wiki/Natural_language_processing*

[12] "Introduction to Artificial Intelligence Markup Language", *https://www.tutorialspoint.com/aiml/aiml_introduction.htm*

[13] D. Vukovic and I. Dujlovic, "Face book Messenger Bots And Their Application For Business*",IEEE Translation on 24th Telecommunications forum TELFOR*, pp. 1-4 November 2016.

[14] N. Yadav, A. Yadav and M. Kumar, "*An Introduction to Neural Network Methods For differential Equations*", Netherland Springer, 2015.

[15] N. K. Manaswi, *"Deep Learning with Applictions Using Python. Chatbot and Face, Object And Speech Recognition with TensorFlow and Kesar"*, NewYork, Apress, 2018.

[16] D. Britz, "recurrent Neural Networks Tutorial- Part 1Introduction to RNNs",2017, http://www.wildml.com/2015/09/recurrent-neural-networks-part-1-introduction-to-rnns

[17] I. Sutskever, O. Vinayals, And Q.V.Le, *"Sequence To Sequence Learning With 9 Network"*, Advances in Neural Information Processing Systems, pp. 3104-3112, December 2014.

[18] Y. Bengio, "*Learning Deep Architectures for AI"*, in Foundations and Trends in Machine Learning, Vol 2, 2009.

P. R. Pote (Patil) Education & Welfare Trust's Group of Institutions College of Engg. & Management, Amravati

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3.3.1 Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

Sr.No.	Particulars	Page Number
1	AQAR Cover Page	539
2	Electrical Department	540-553

Key Indicator 3.3- Extension Activities

Metric No.	
3.3.1. Q_1M	**Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year** The Institute is very concerned about impact of various extension activities on its students, employees, aswell as on the regional community and on the environment. The institute believes in giving back what ithas gained from the communities amongst which we live, work and play. The institute considers theimpact of all extension activities on the local community and hence the various social and technicalactivities, events and programmes reflect our commitment to operate in a techno-social responsiblemanner. We aim to pursue our goals as one, keeping agreement with planet and society. The institutefacilitates the students in various social and technical activities. Institute has conducted various social andtechnical activities for sensitising and motivating the students to social issues and their holistic development so far. Social activities include Blood Donation Camp, Swachha Bharat Abhiyan, GreenCampus, Tree Plantation, Traffic Rule Awareness Rally and Pledge, Road Safety Awareness Program,Voter Awareness Campaign etc through NSS cell. Students with the help of faculty are regularly interacting with villagers and sensitizing them towards thesocial issues. Students at our Institute with active participation of villagers have organised several awareness workshops about: • Electrical Safety at Home and energy conservation. • Hygiene and cleanliness at home • Producing Biogas using Small Gobar-gas plant. • Dealing with clean surface drains in villages. Students at our Institute regularly celebrated Women's Day, Teachers' Day, Engineers' Day are to promote the Universal and human values, national integration and communal harmony among the students. **File Description:** • Paste link for additional information • Upload any additional information

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P. R. Pote (Patil)Education & Welfare Trust's, Group of Institutions,
College of Engineering & Management, Amravati

Department of Electrical Engineering

3.3.1 Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

Sr. No.	Name of Activity	Organising unit/ agency/ collaborating agency	Year of the activity	Number of students participated in such activities
1.	Women's Day	IEEE	2020-21	50
2.	Cleanliness Drive	EESA Forum	2020-21	35
3.	Tree Plantation	EESA Forum	2020-21	30
4.	Science Day Competition	EESA Forum	2020-21	22

File Description (Upload)

- Reports of the event organized
- List of Students participated
- Photographs may be included in Report

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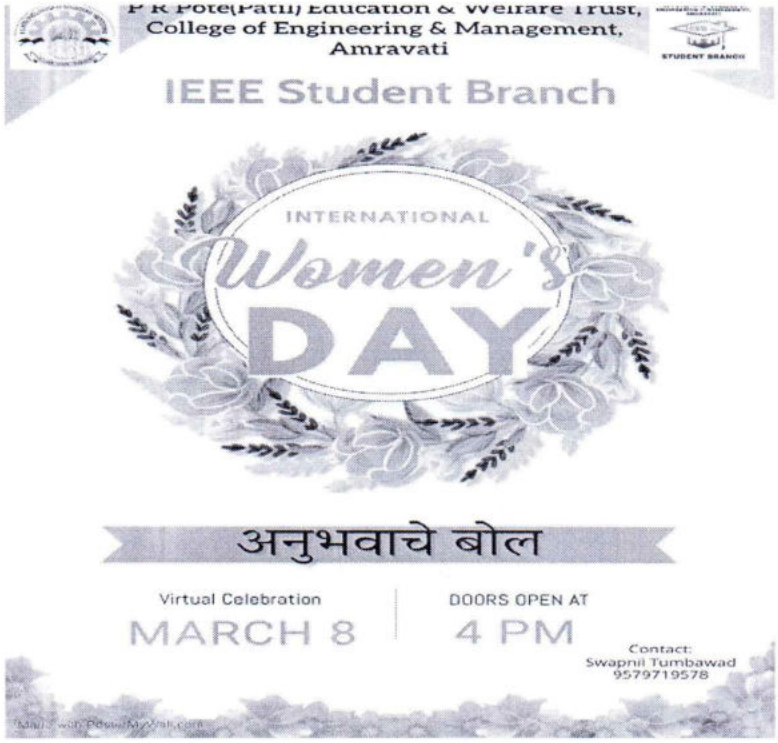
Women's Day Celebration



"A successful woman is one who can build a firm foundation with the bricks others have thrown at her"☼

☼Every day, should be celebrated as Women's Day. Also, it is the day to acknowledge their courage of breaking the rigid stereotypes, and coming out as strong powerful women☼

IEEE PRPCEM Student Branch is organising online program on

🎤👩 Women's Day 👩🎤

📅 Topic : • Anubhava Che Bol •

📅 Date :- 8 March 2021

🕓Time :- 4-5.30pm

☼Now what are you waiting for . Do participate and let them provide with a platform for sharing their

📅 "Anubhava Che Bol"📅

📌Platform :- Zoom

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Cleanliness Drive

Date of Activity: 02/10/2020

The Cleanliness Drive was organized by Electrical Engineering Students Association (EESA) on the occasion of Mahatma Gandhi Birth Anniversary on date 02/10/2020. Under this nearly 35 students participated under this drive with there friends & natives people in their own home, Village, City on 9 Am onwards, 02/10/2020. The overall Program was smoothly conducted by ESA Faculty Coordinator Prof. A. P. Pundkar & Prof. S. V. Kalmegh under the guidance of Prof. D. A. Shahakar, Head of Electrical Engineering Department.

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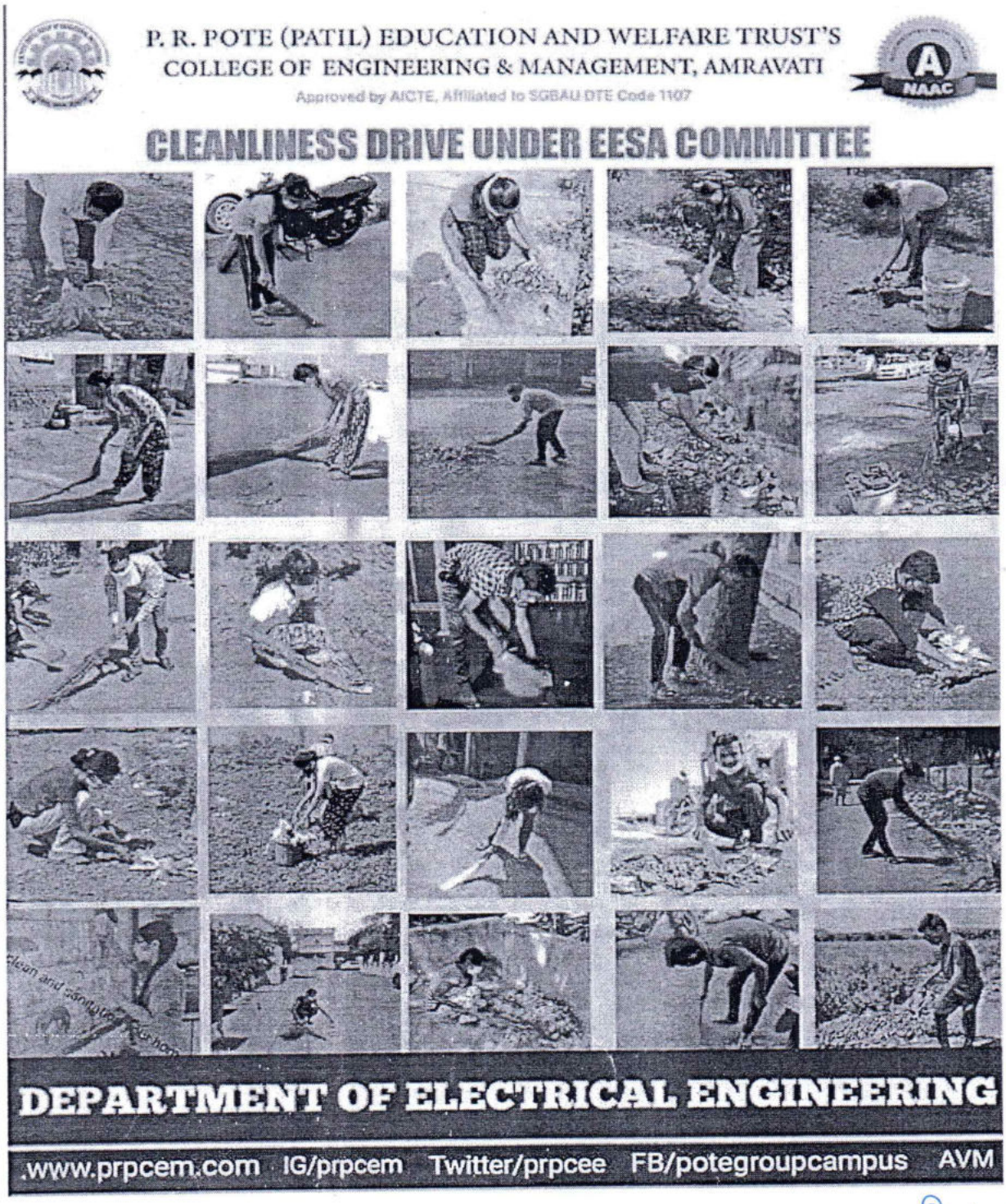
Cleanliness Drive

Date of Activity: 02/10/2020



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Department of Electrical Engineering

List of students Participated in Cleanliness drive:

Sr. No.	Name of Student	Year
1.	Chetan Patil	2nd
2.	Prasad Charate	2nd
3.	Sakshi Choudhari	2nd
4.	Vaibhavi Wakode	2nd
5.	Kunal Dhage	2nd
6.	Nishita Likhare	2nd
7.	Deepika Sangole	2nd
8.	Vishakha Mohod	2nd
9.	Ananta Wakale	2nd
10.	Tejas Thorat	2nd
11.	Harshal Nachane	2nd
12.	Apeksha Bendarkar	2nd
13.	Vedant Gulhane	2nd
14.	Anuja Thakare	3rd
15.	Sumiran Shahane	2nd
16.	Sharvari Raut	3rd
17	Bhavna Mule	3rd
18	Saurabh Bhandare	3rd
19	Syamal Dabhade	3rd
20	Vaishnavi Akotkar	3rd
21	Sakshi Fiske	3rd
22	Anjali Kokate	3rd
23	Amisha Wankhade	3rd
24	Shivani Sarkate	3rd
25	Anup Sav	2nd
26	Harshal Nachane	2nd
27	Aditya Dadgal	3rd
28	Ajay Ingle	3rd
29	Santosh Kathole	3rd
30	Tanaya Bombe	3rd
31	Prathamesh Taral	3rd
32	RajESHWARI Nandagawali	3rd
33	Mahesh Chinche	3rd
34	Harish Nachane	2nd
35	Rohit Kothe	3rd

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Tree Plantation

Date of Activity: 09/07/2020

The tree plantation was organized by Electrical Engineering Students Association (EESA) on date 09/07/2020. Under this nearly 30 students planted the saplings in their own home, Village, City on 9 Am onwards, 09-07/2020. The overall Program was smoothly conducted by ESA Faculty Coordinator Prof. A. P. Pundkar & Prof. S. V. Kalmegh under the guidance of Prof. D. A. Shahakar, Head of Electrical Engineering Department.

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College of Engineering & Management, Amravati
Department of Electrical Engineering

List of students Participated in Tree Planation:

Sr. No.	Name of Student	Year
1.	Sakshi Choudhari	2nd
2.	Vaibhavi Wakode	2nd
3.	Kunal Dhage	2nd
4.	Nishita Likhare	2nd
5.	Deepika Sangole	2nd
6.	Vishakha Mohod	2nd
7.	Ananta Wakale	2nd
8.	Tejas Thorat	2nd
9.	Harshal Nachane	2nd
10.	Apeksha Bendarkar	2nd
11.	Vedant Gulhane	2nd
12.	Anuja Thakare	3rd
13.	Sumiran Shahane	2nd
14.	Sharvari Raut	3rd
15.	Bhavna Mule	3rd
16.	Saurabh Bhandare	3rd
17	Syamal Dabhade	3rd
18	Vaishnavi Akotkar	3rd
19	Sakshi Fiske	3rd
20	Anjali Kokate	3rd
21	Amisha Wankhade	3rd
22	Shivani Sarkate	3rd
23	Anup Sav	2nd
24	Harshal Nachane	2nd
25	Aditya Dadgal	3rd
26	Ajay Ingle	3rd
27	Santosh Kathole	3rd
28	Tanaya Bombe	3rd
29	Prathamesh Taral	3rd
30	RajESHWARI Nandagawali	3rd

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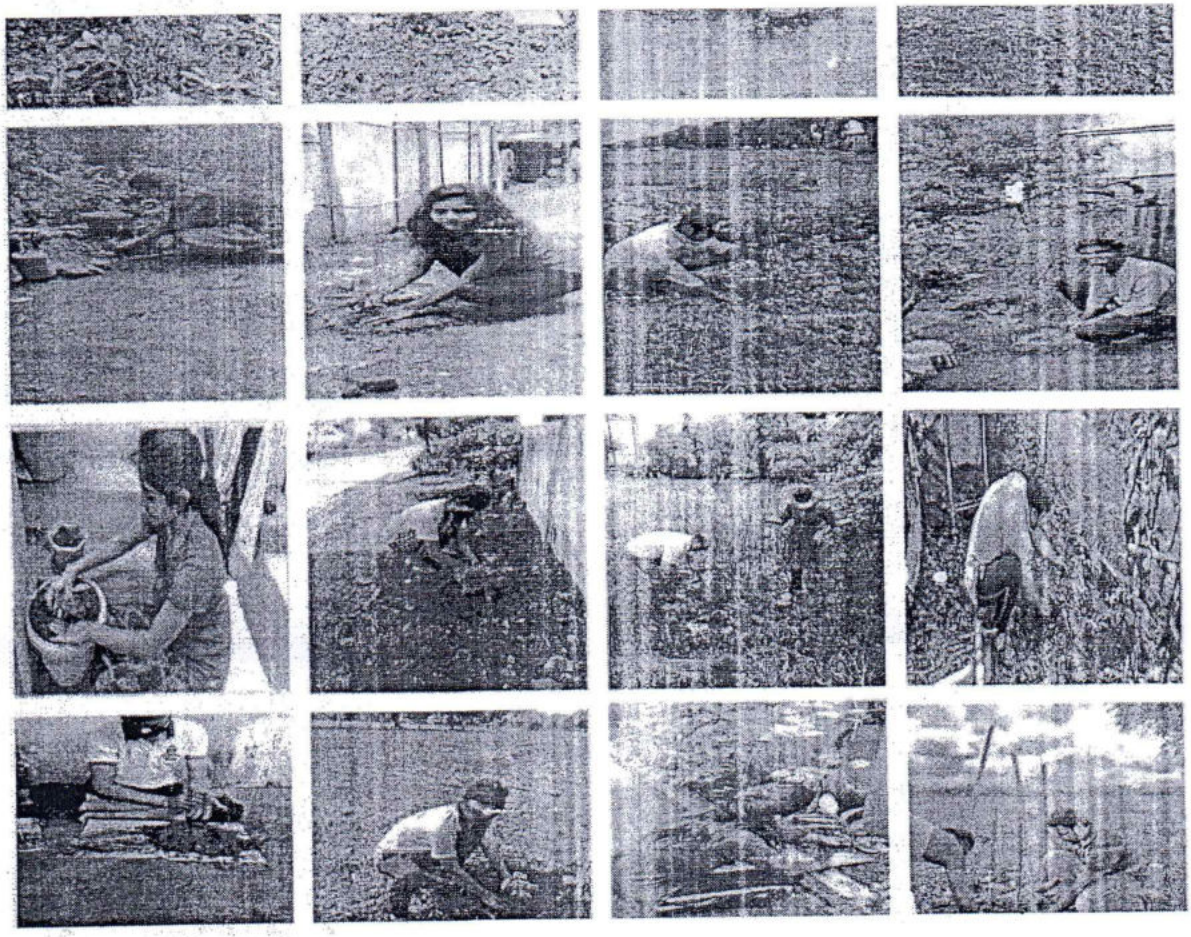
TREE PLANTATION

PHOTO



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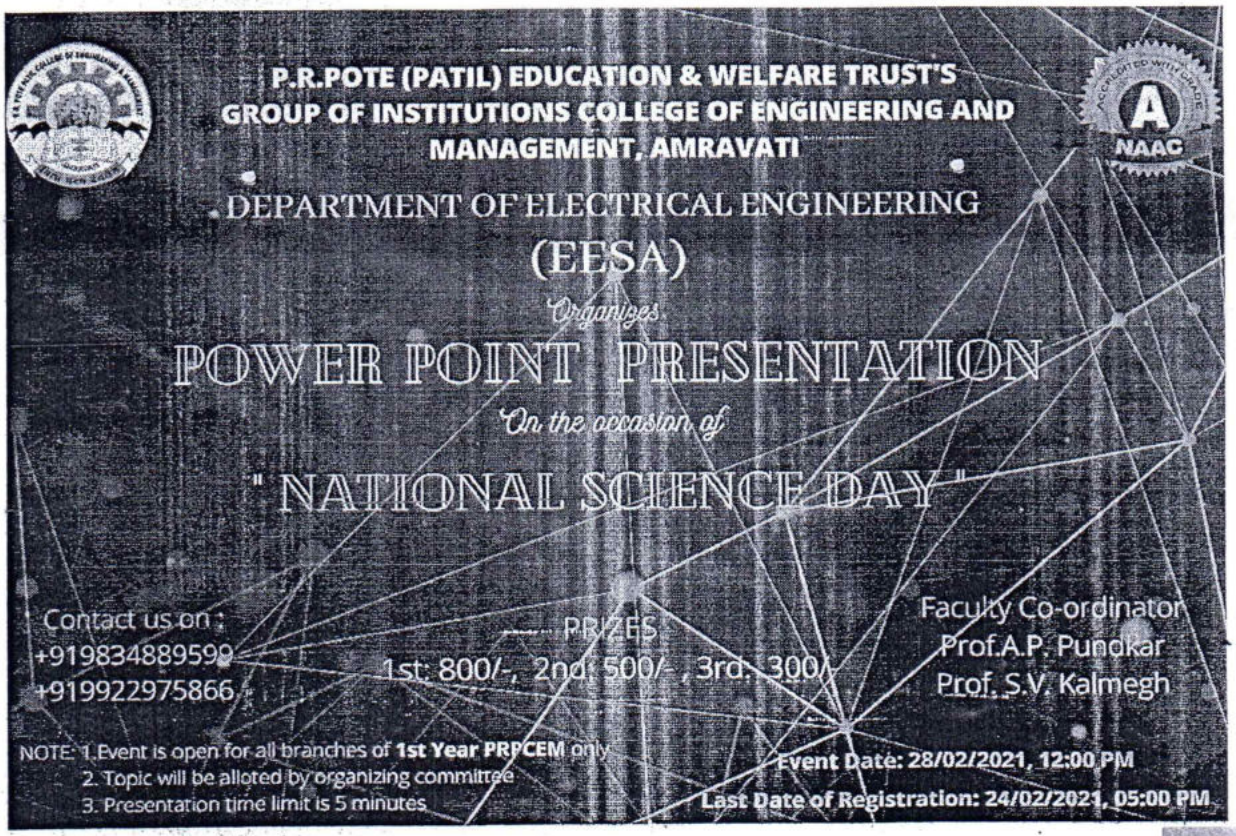
ONLINE POWER POINT PRESENTATION COMPETITION

Topic: Based on National Science Day

Date:28th Feb 2021

Online Platform:Zoom



PPT National

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REPORT

The Power Point Presentation Competition was organized by the students of EESA at Intercollegiate level on dated 28th February 2021.The theme of the online Power Point Presentation competition based on **"National Science Day"**. Total number of entries collected were 22.We have drawn the 3 prizes for the competition & handover it to the 3 winners. All the students of department have took nice initiative during the competition. Overall program is smoothly conducted by the EESA Coordinators Prof.S.V.Kalmegh & Prof.A.P.Pundkar under the guidance of Head of Department Prof.D.A.Shahakar sir.

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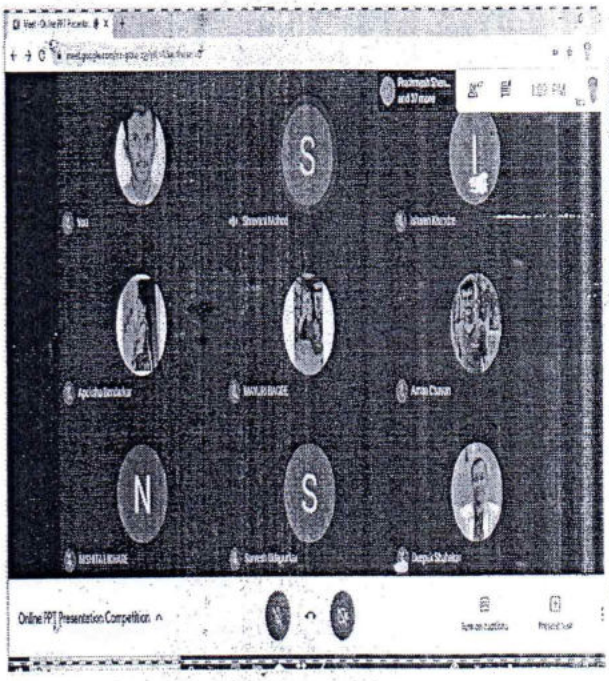
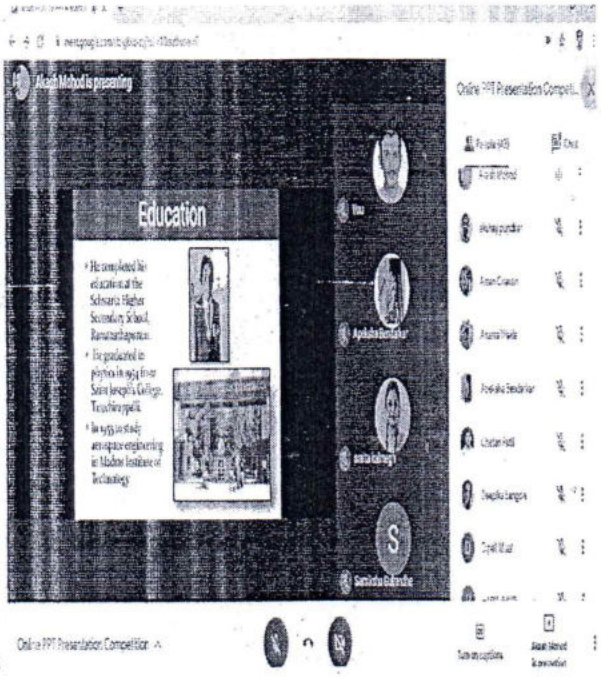
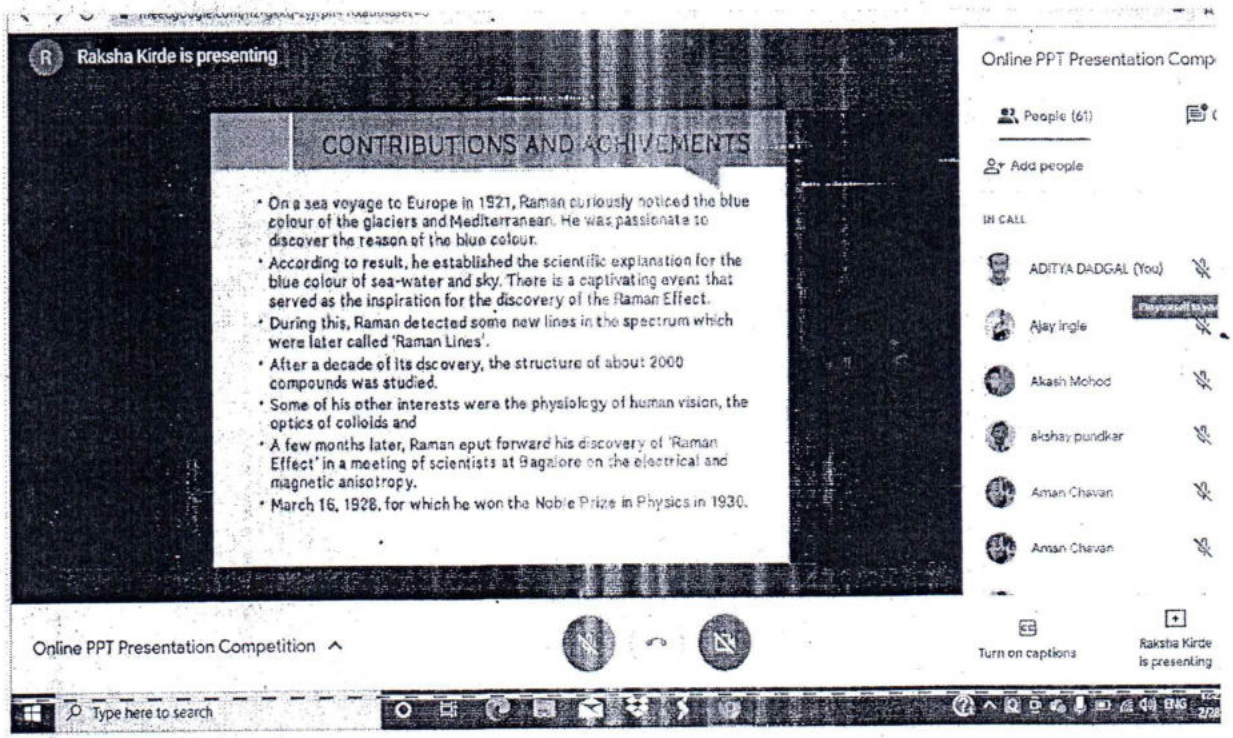
PHOTO







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These are the winners of PPT Competition

CONGRATULATIONS TO ALL

First Winner : MAYURI BAGDE

Second Winner : SAMIKSHA GUHANDHE

Third Winner : AMAN CHAVAN

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Department of Electrical Engineering

List of students Participated in PPT Competition:

Sr. No.	Name of Student	Year
1.	Sakshi Choudhari	1st
2.	Ishwari Khandare	1st
3.	Aman Chavan	1st
4.	Sarvesh Udapurkar	1st
5.	Prathmesh Shende	1st
6.	Sravani Mohod	1st
7.	Raksha Kirde	1st
8.	Tejas Thorat	1st
9.	Dipali Misal	1st
10.	Aakash Mohod	1st
11.	Samiksha Gulrandhe	1st
12.	Anuj Thakare	1st
13.	Shweta Wakchaware	1st
14.	Ajay Ingle	1st
15.	Pradnya Atote	1st
16.	Sharvari Kawale	1st
17	Prajwal Alone	1st
18	Mayuri Bagde	1st
19	Neha Nikole	1st
20	Sayukta Padole	1st
21	Parikshit Pachghare	1st
22	Harshad Rathod	1st

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3.3.2. Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

Sr.No.	Particulars	Page Number
1	AQAR Cover Page	554

3.3.2. QnM

Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.3.2.1. Total number of awards and recognition received for extension activities from Government/ government recognized bodies during the year.

Year	2020-21
Number	Nil

Data requirement for year: (As per Data Template)

Name of the activity	Name of the Award/recognition	Name of the Awarding government/ government recognised bodies	Year of award

File Description: (Upload)

- Any additional information
- Number of awards for extension activities in last year(Data Template)
- e-copy of the award letters

P. R. Pote (Patil) Education & Welfare Trust's Group of Institutions College of Engg. & Management, Amravati

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3.3.3 Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

Sr.No.	Particulars	Page Number
1	AQAR Cover Page	555
2	NSS.	256-564

3.3.3.

QnM

Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.3.3.1. Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

Year	2020-21
Number	360

Data Requirements (during the year) (As per Data Template)

Name of the activity	Organising unit/ agency/ collaborating agency	Name of the scheme	Year of the activity	Number of students participated in such activities
NSS	SGBAU	Tree Planation During Covid-19 Pandemic at Students Villages	2020-21	150
NSS	SGBAU	Tie Rakkies to tress, take Pledge to Protect Them.	2020-21	60
NSS	SGBAU	Freedom Fest-2020 Article and Poster and Poem Making compition	2020-21	150

3.3.3. Mech. Engg.
3.3.4 2020-21

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P. R. Pote(Patil) College of Engineering & Management Amravati

COVID-2020-21 NSS Report

Program Officer
Prof. S. S. Mendhe
Prof. P. M. Manakar
N.S.S. Programme Officer
P. R. Pote (Patil) Edu. & Welf. Trustm
College of Engg. & Management, Amravati.

Principal
Dr. A. V. Kale
Principal
P. R. Pote (Patil)
College of Engineering & Management
Amravati.

P.R.Pote Patil College of Engineering and Management, Amravati

National Service Scheme (2020-21)

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Tie 'Rakhi' to Trees, Take Pledge to Protect Them-03/08/2020

No guesses here. Students of P. R. Pote(Patil) College of Engineering & Management Amravati celebrated Raksha Bandhan in a unique style when they tied rakhis to trees to send across the message of saving environment and making people aware about the benefits of plants in daily lives. Organised by the National Service Scheme the event was held in the NSS Volunteers Native Places due to Covid-19 & Lockdown. The participants tied sacred threads to plants having heritage, medicinal and aesthetic value. They included tulsi, temple tree (plumeria), camphor, paarijaat, chandan, panchmikhi rudraaksh, timbru, mahua, putranjiva, peepal, sohanjana, chandani and many more. More than 60 students, research scholars and faculty members participated. "They expressed their affection and harmony towards nature, and took pledge to protect and conserve the nature and its resources for cleaner, greener and healthier prospects," said Dr. S.A. Ladhake Director, PRPGI Amravati





N.S.S. Programme Officer
P. R. Pote (Patil) Edu. & Welf. Trust's
College of Engg. & Management, Amravati

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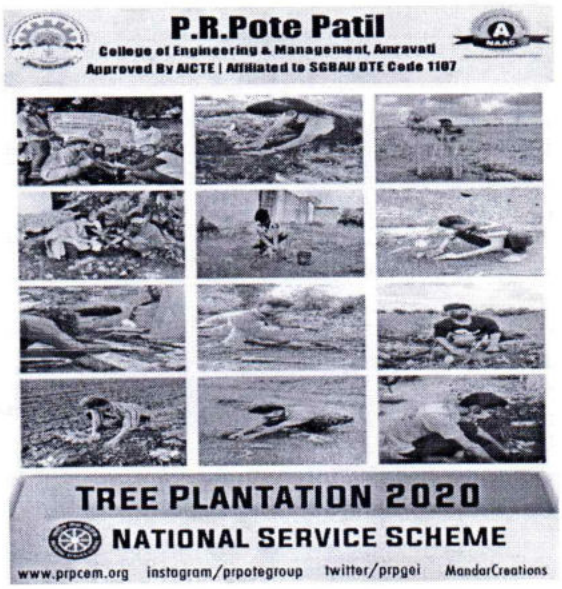
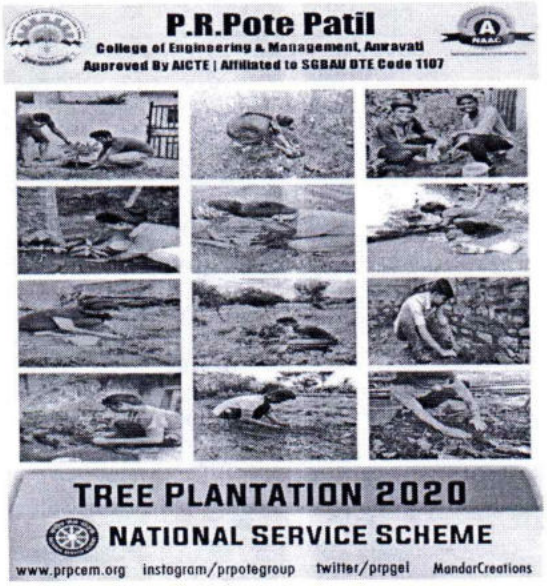
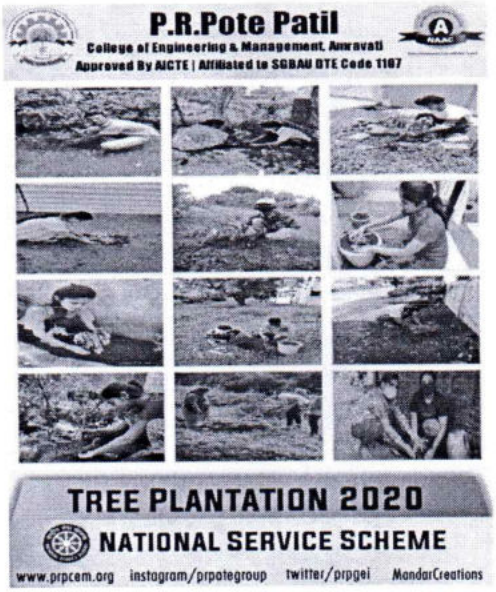
Tree Plantation during Covid-19 Pandemic at Students Villages- 09/07/2020

The NSS cell of P.R. Pote(Patil) College of Engineering & Management Amravati create a lot of awareness on the importance of tree plantation in surroundings areas. In addition to this, tree plantation programs are conducted in different villages during corona & lockdown. Students are staying home during lockdown, during this period NSS Cell organized Tree Planation program at native place with social distancing. So far, approximately 150 saplings have been planted to the students, faculty members in their own village. The huge response from all NSS volunteers during plantation.









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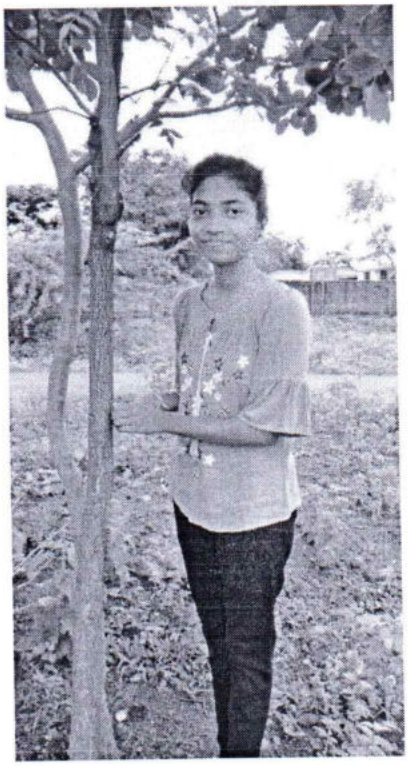







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P. R. Pote (Patil) Edu. & Welf. Trustas
College of Engg. & Management, Amravati.

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FREDOM-FEST 2020 Poster making, Article & Poem Competition- 15/08/2020

P. R. Pote(Patil) College of Engineering & Management always encourages student's participation in competition for their Creative development. The NSS unit of P.R. Pote(Patil) College of Engineering & Management organized poster making activity on 15th August, 2020 FREDOM-FEST 2020. The aim behind conducting this competition was to check the creative and artistic skills of the students. All the NSS membered assembled in the Online Google Meet for making the Planning.

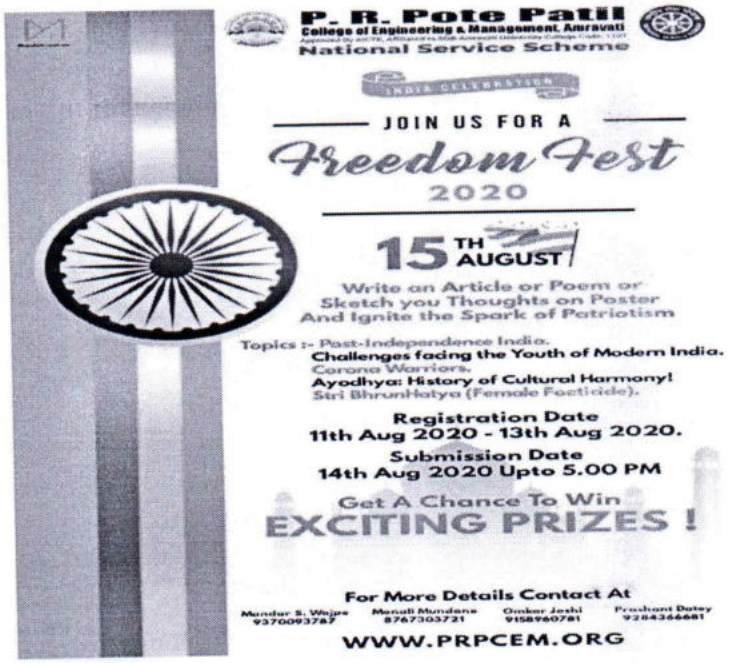
The suggested themes of the competition were:

- Corona Warrior
- Stree Brunahatya

The following students bagged the First, second and third position in the poster making competition.

- 1. Prajwal Deshmukh
  2. Rutiksha Shevatkar
  3. Amruta Gotarkar

The winners were awarded with the certificates & prizemoney.



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P. R. Pote (Patil) Edu. & Welf. Trust's
College of Engg. & Management, Amravati.

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PRPCEM/ACAD/NSS/2020-21/01

P. R. Pote (Patil) College of Engineering And Management Amravati

N.S.S. Final List 2020-21

Sr. No.	Name of Students	Year	Caste	NSS Enrolment No.
1	ADITYA GOTHWAD	3	OPEN	MH-03-817-19-001
2	AKASH SUNDARKAR	3	OBC	MH-03-817-19-002
3	Aniket Naresh Bhatkule	3	SC	MH-03-817-19-003
4	Anup Pralhad Rangari	3	SC	MH-03-817-19-004
5	AYUSH MADHAPURE	3	OBC	MH-03-817-19-005
6	Bhushan Wasudevrao Dudhe	3	OBC	MH-03-817-19-006
7	Dewalya Hemantrao Tadas	3	OBC	MH-03-817-19-007
8	DINESH WANKHADE	3	OBC	MH-03-817-19-008
9	Gaurav Wagh	3	OBC	MH-03-817-19-009
10	HARSH CHAUHAN	3	SC	MH-03-817-19-010
11	Harshal Chambhare	3	OBC	MH-03-817-19-011
12	Hrushikesh Tayade	3	OBC	MH-03-817-19-012
13	Indranil Anil Deshmukh	3	OBC	MH-03-817-19-013
14	Kalpak Wardhe	3	SC	MH-03-817-19-014
15	Karan Kohale	3	OBC	MH-03-817-19-015
16	Ku. AMRUTA KHALOKAR	3	OBC	MH-03-817-19-016
17	Ku. Anuja Hingne	3	OPEN	MH-03-817-19-017
18	Ku. DHANASHRI SURKAR	3	OBC	MH-03-817-19-018
19	Ku. DHARA GAIKWAD	3	OBC	MH-03-817-19-019
20	Ku. DIVYA BHOYAR	3	OBC	MH-03-817-19-020
21	Ku. DIVYANI AHER	3	OBC	MH-03-817-19-021
22	Ku. KAJAL PALKHADE	3	OBC	MH-03-817-19-022
23	Ku. KANCHAN MAKODE	3	SC	MH-03-817-19-023
24	Ku. KSHITIJA WARHADE	3	OBC	MH-03-817-19-024
25	Ku. MRUNALI CHAUDHARY	3	OBC	MH-03-817-19-025
26	Ku. RENUKA NAVGHARE	3	OBC	MH-03-817-19-026
27	Ku. RUTUJA TIDKE	3	OBC	MH-03-817-19-027
28	Ku. SHARVARI RAUT	3	OBC	MH-03-817-19-028
29	Ku. TARIKA KALE	3	OBC	MH-03-817-19-029
30	MANDAR WAJPE	3	OPEN	MH-03-817-19-030
31	MANOJ KEDAR	3	OBC	MH-03-817-19-031
32	MAYUR DESHMUKH	3	OPEN	MH-03-817-19-032
33	OMKAR JOSHI	3	OPEN	MH-03-817-19-033
34	PANKAJ ZATALE	3	OBC	MH-03-817-19-034
35	PAWAN INGLE	3	OBC	MH-03-817-19-035
36	PRAJOYT POHOKAR	3	OBC	MH-03-817-19-036

N.S.S. Programme Officer
P. R. Pote (Patil) Edu. & Welf. Trust's
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37	PRAJWAL DESHMUKH	3	OPEN	MH-03-817-19-037
38	PRAJWAL YEOLE	3	OBC	MH-03-817-19-038
39	PRANAV DABHADE	3	OBC	MH-03-817-19-039
40	PRANAV TAKARKHEDE	3	OBC	MH-03-817-19-040
41	PRASHANT DATEY	3	OBC	MH-03-817-19-041
42	RAVINDRA RAKHONDE	3	OBC	MH-03-817-19-042
43	ROHAN TAYADE	3	OBC	MH-03-817-19-043
44	SAGAR DESHMUKH	3	OPEN	MH-03-817-19-044
45	SHUBHAM MASKE	3	OBC	MH-03-817-19-045
46	TEJAS CHIKALE	3	OBC	MH-03-817-19-046
47	TUSHAR RAUT	3	OBC	MH-03-817-19-047
48	TUSHAR REKHATE	3	OBC	MH-03-817-19-048
49	VAIBHAV MALOKAR	3	OBC	MH-03-817-19-049
50	YASH GANGANE	3	OBC	MH-03-817-19-050
51	Abhay Vinay Punse	2	NT-C	MH-03-817-20-001
52	Abhishek Sitaramji Dhok	2	OBC	MH-03-817-20-002
53	Ajinkya Nitin Kandalkar	2	OBC	MH-03-817-20-003
54	Ananta Ramdas Wakle	2	OBC	MH-03-817-20-004
55	Aniket Kuralkar	2	OBC	MH-03-817-20-005
56	Aniket Subhashrao Deulkar	2	OBC	MH-03-817-20-006
57	ANUP MAROTRAO SAV	2	NT(C)	MH-03-817-20-007
58	Anurag Dnyaneshwar Kale	2	OBC	MH-03-817-20-008
59	Anurag Janardanrao Tayde	2	SC	MH-03-817-20-009
60	Arpit Vinay Bole	2	OBC	MH-03-817-20-010
61	Atharva Manohar Kharapkar	2	OBC	MH-03-817-20-011
62	ATHARVA RAJKUMAR TADAS	2	OBC	MH-03-817-20-012
63	Ayush Richpal Maliye	2	OBC	MH-03-817-20-013
64	Bhushan J Nagale	2	SC	MH-03-817-20-014
65	Chetan Gopal Patil	2	OBC	MH-03-817-20-015
66	Dipesh Kailashpant Raut	2	SC	MH-03-817-20-016
67	Dipesh Sahebu Bethe	2	ST	MH-03-817-20-017
68	Dipesh vilasrao khodaskar	2	OBC	MH-03-817-20-018
69	Faizan Ahmad Mohd Yunus	2	OBC	MH-03-817-20-019
70	Gaurav Sandip Lokhande	2	OBC	MH-03-817-20-020
71	Harshal SunilNachane	2	SC	MH-03-817-20-021
72	Jay Jagdish Landge	2	OBC	MH-03-817-20-022
73	Jayesh Ramkrushna Dhule	2	OBC	MH-03-817-20-023
74	Karan Yogendra Kohale	2	OBC	MH-03-817-20-024
75	Kaustubh Dilip Kulkarni	2	OPEN	MH-03-817-20-025
76	Ku. Aboli Govardhan Dhote	2	OBC	MH-03-817-20-026
77	Ku. Achal Vijayrao Kale	2	OBC	MH-03-817-20-027
78	Ku. Aditi Prafull Thakare	2	OBC	MH-03-817-20-028
79	Ku. Amruta Harish Mohod	2	OBC	MH-03-817-20-029
80	Ku. Anuja shivdasrao sagane	2	OBC	MH-03-817-20-030
81	Ku. Anushri Pradip Gangane	2	OBC	MH-03-817-20-031
82	Ku. Apeksha Arun Bendarkar	2	OBC	MH-03-817-20-032
83	Ku. Apeksha Ashokrao Molekar	2	OBC	MH-03-817-20-033
84	Ku. Apurva Rajendra Dandale	2	OBC	MH-03-817-20-034

N.S.S. Programme Officer
P. R. Pote (Patil) Edu. & Welf. Trustas
College of Engg. & Management, Amravati.

85	Ku. Arti Ravindra Nimkar	2	OBC	MH-03-817-20-035
86	Ku. Ashvini Rameshrao Gend	2	OBC	MH-03-817-20-036
87	Ku. Ashwini Ajit Kasture	2	OBC	MH-03-817-20-037
88	Ku. Ashwini Revalnath Avadhut	2	NT-B	MH-03-817-20-038
89	Ku. Deepika Balasaheb Sangole	2	OBC	MH-03-817-20-039
90	Ku. Diksha Gajanan Bawane	2	NT(B)	MH-03-817-20-040
91	Ku. Gauri Rajesh Tayade	2	OBC	MH-03-817-20-041
92	Ku. Gunjan Sagar Singne	2	NT-1	MH-03-817-20-042
93	Ku. Harshada Ravindra Kale	2	OBC	MH-03-817-20-043
94	Ku. Himani Purushottam Umratkar	2	OBC	MH-03-817-20-044
95	Ku. Madhura Narendra Mohod	2	OBC	MH-03-817-20-045
96	Ku. Monika Subhash Rathod	2	VJ	MH-03-817-20-046
97	Ku. Monika Suresh Pawar	2	VJNT	MH-03-817-20-047
98	Ku. Nidhi Nitinrao Ganorkar	2	OBC	MH-03-817-20-048
99	Ku. Nisarga sudhir Mhaisane	2	OBC	MH-03-817-20-049
100	Ku. Nishita Mahendra Likhare	2	SBC	MH-03-817-20-050
101	Ku. Pooja Tukaram Nimje	2	SBC	MH-03-817-20-051
102	Ku. Prachi Gunvantrao Nahe	2	OBC	MH-03-817-20-052
103	Ku. Prajakta Govardhan Charhate	2	OBC	MH-03-817-20-053
104	Ku. Prajakta Prakashrao Nagale	2	SC	MH-03-817-20-054
105	Ku. Pritima Narayan Kaware	2	NT(B)	MH-03-817-20-055
106	Ku. Radhika surendra Sawarkar	2	OBC	MH-03-817-20-056
107	Ku. Reetika Shankar Vaidya	2	OBC	MH-03-817-20-057
108	Ku. Renuka gajanan chaudhari	2	OBC	MH-03-817-20-058
109	Ku. Sakshi khushal katore	2	OBC	MH-03-817-20-059
110	Ku. Sakshi rajesh durge	2	OBC	MH-03-817-20-060
111	Ku. Sakshi Sudhir Fiske	2	OBC	MH-03-817-20-061
112	Ku. Samiksha jitendra gawande	2	OBC	MH-03-817-20-062
113	Ku. Samruddhi Chandresh Gandhi	2	OPEN	MH-03-817-20-063
114	Ku. Samruddhi Narendra Suroshe	2	OBC	MH-03-817-20-064
115	Ku. Sharayu Vinay Suryakar	2	OBC	MH-03-817-20-065
116	Ku. Shraddha Dinesh Rawarkar	2	OBC	MH-03-817-20-066
117	Ku. Tanaya Madhukar Chirde	2	OBC	MH-03-817-20-067
118	Ku. Utkarsha satish korde	2	OBC	MH-03-817-20-068
119	Ku. Vishakha Prabhakar Mohod	2	SC	MH-03-817-20-069
120	Ku.Suyoga Anand Nimbhorkar	2	OBC	MH-03-817-20-070
121	Ku.Vaishnavi Rajendra Garade	2	OBC	MH-03-817-20-071
122	Mihir Prashant Dhore	2	OBC	MH-03-817-20-072
123	Piyush Ashokrao Malkhede	2	SC	MH-03-817-20-073
124	Piyush gajanan sarode	2	OBC	MH-03-817-20-074
125	Piyush Tejaram Dhawane	2	SC	MH-03-817-20-075
126	Prajwal Ravindra Hole	2	OBC	MH-03-817-20-076
127	Pranav ashok Deole	2	OBC	MH-03-817-20-077
128	Pranay Devidas Lambat	2	OBC	MH-03-817-20-078
129	Prasad Kishor Shelar	2	OBC	MH-03-817-20-079
130	Prasad Vinod Charate	2	OBC	MH-03-817-20-080
131	Prathmesh MadhukaraoWagh	2	OBC	MH-03-817-20-081
132	Pratik Arvind Khadse	2	SC	MH-03-817-20-082
133	Pratik Sahebrao Aswar	2	OBC	MH-03-817-20-083
134	Pratik Vilas Dole	2	OBC	MH-03-817-20-084
135	Rajat Ashish Guhe	2	OBC	MH-03-817-20-085

N.S.S. Programme Officer
P. R. Pote (Patil) Edu. & Welf. Trust's
College of Engg. & Management, Amravati

136	Rushikesh Prabhakar Zadpe	2	OBC	MH-03-817-20-086
137	Rutik Nandkishorrao Kurhade	2	OBC	MH-03-817-20-087
138	Sanket Umesh Patil	2	SBC	MH-03-817-20-088
139	Shreyash Sanjaypant Thelkar	2	OBC	MH-03-817-20-089
140	Siddeshwar Kisan Chopade	2	OBC	MH-03-817-20-090
141	Sumedh Gulabrao Bodade	2	SC	MH-03-817-20-091
142	Sumiran Pramod Shahane	2	OBC	MH-03-817-20-092
143	Swarup Gowardhan Dhote	2	OBC	MH-03-817-20-093
144	Swastik Pravin Gore	2	Open	MH-03-817-20-094
145	Tejas Chakradharrao Chaukhande	2	OBC	MH-03-817-20-095
146	Tejas Pandurang Sapkal	2	NT(B)	MH-03-817-20-096
147	Tejas Sanjay Puri	2	NT(b)	MH-03-817-20-097
148	Ujwal Devanand Patond	2	NT-C	MH-03-817-20-098
149	Vedant rajendra gulhane	2	OBC	MH-03-817-20-099
150	Vivek Prashantrao Deotale	2	OBC	MH-03-817-20-100

Sr.No.	Catagary	Total
1	OBC/OPEN	123
2	SC/ST	15
3	VJ/NT	12
	TOTAL	**150**

Boys	Girls	Total
70	60	**50**

Prof. S. S. Mendhe
N.S.S. Program Officer
P.R.P.C.E. & M. Amravati
N.S.S. Programme Officer
P. R. Pote (Patil) Edu. & Welf. Trustis
College of Engg. & Management, Amravati.

Dr. Mohd. Zuhair
Principal
P.R.P.C.E. & M. Amravati
Principal
P. R. Pote (Patil)
College of Engineering & Management
Amravati.

P. R. Pote (Patil) Education & Welfare Trust's Group of Institutions College of Engg. & Management, Amravati

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Session 2020-21

3.3.4 Number of students participating in extension activities at 3.3.3. above during the year

Sr.No.	Particulars	Page Number
1	AQAR Cover Page	565
2	NSS	566-571

3.3.4.

QnM

Number of students participating in extension activities at 3.3.3. above during the year

3.4.4.1. Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

Year	2020-21
Number	360

Data Requirements for last (during the year)(As per Data Template)

Name of the activity	Organising unit/ agency/ collaborating agency	Name of the scheme	Year of the activity	Number of students participated in such activities
NSS	SGBAU	Tree Planation During Covid-19 Pandemic at Students Villages	2020-21	150
NSS	SGBAU	Tie Rakkies to tress, take Pledge to Protect Them.	2020-21	60
NSS	SGBAU	Freedom Fest-2020 Article and Poster and Poem Making compition	2020-21	150

File Description:

- Report of the event
- Any additional information
- Number of students participating in extension activities with Govt. or NGO etc (Data Template)

3.3.4 NSS. 2020-21

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P. R. Pote(Patil) College of Engineering & Management Amravati

COVID-2020-21 NSS Report

Program Officer
Prof. S. S. Mendhe
Prof. P. M. Manakar
N.S.S. Programme Officer
P. R. Pote (Patil) Edu. & Welf. Trust's
College of Engg. & Management, Amravati.

Principal
Dr. A. V. Kale
Principal
P. R. Pote (Patil)
College of Engineering & Management
Amravati.

P.R.Pote Patil College of Engineering and Management, Amravati

National Service Scheme (2020-21)

249-567

Tie 'Rakhi' to Trees, Take Pledge to Protect Them-03/08/2020

No guesses here. Students of P. R. Pote(Patil) College of Engineering & Management Amravati celebrated Raksha Bandhan in a unique style when they tied rakhis to trees to send across the message of saving environment and making people aware about the benefits of plants in daily lives. Organised by the National Service Scheme the event was held in the NSS Volunteers Native Places due to Covid-19 & Lockdown. The participants tied sacred threads to plants having heritage, medicinal and aesthetic value. They included tulsi, temple tree (plumeria), camphor, paarijaat, chandan, panchmikhi rudraaksh, timbru, mahua, putranjiva, peepal, sohanjana, chandani and many more. More than 60 students, research scholars and faculty members participated. "They expressed their affection and harmony towards nature, and took pledge to protect and conserve the nature and its resources for cleaner, greener and healthier prospects," said Dr. S.A. Ladhake Director, PRPGI Amravati





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FREDOM-FEST 2020 Poster making, Article & Poem Competition- 15/08/2020

P. R. Pote(Patil) College of Engineering & Management always encourages student's participation in competition for their Creative development. The NSS unit of P.R. Pote(Patil) College of Engineering & Management organized poster making activity on 15th August, 2020 FREDOM-FEST 2020. The aim behind conducting this competition was to check the creative and artistic skills of the students. All the NSS membered assembled in the Online Google Meet for making the Planning.

The suggested themes of the competition were:

- Corona Warrior
- Stree Brunahatya

The following students bagged the First, second and third position in the poster making competition.

- 1. Prajwal Deshmukh
  2. Rutiksha Shevatkar
  3. Amruta Gotarkar

The winners were awarded with the certificates & prizemoney.



N.S.S. Programme Officer
P. R. Pote (Patil) Edu. & Welf. Trust's
College of Engg. & Management, Amravati.

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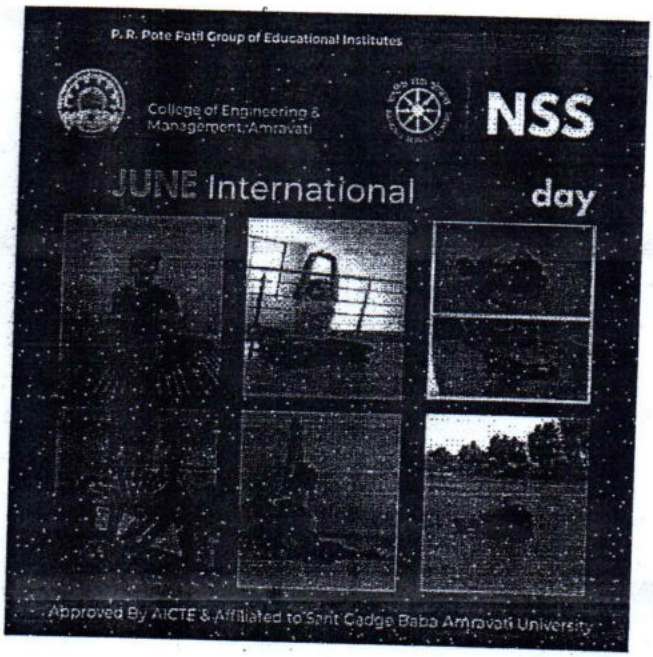
P.R. Pote Patil Group of Educational Institutes
College of Engineering & Management, Amravati
NSS
JUNE International day
Approved By AICTE & Affiliated to Sant Gadge Baba Amravati University


P.R. Pote Patil Group of Educational Institutes
College of Engineering & Management, Amravati
NSS
JUNE International day
Approved By AICTE & Affiliated to Sant Gadge Baba Amravati University

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PRPCEM/ACAD/NSS/2020-21/01

P. R. Pote (Patil) College of Engineering And Management Amravati

N.S.S. Final List 2020-21

Sr. No.	Name of Students	Year	Caste	NSS Enrolment No.
1	ADITYA GOTHWAD	3	OPEN	MH-03-817-19-001
2	AKASH SUNDARKAR	3	OBC	MH-03-817-19-002
3	Aniket Naresh Bhatkule	3	SC	MH-03-817-19-003
4	Anup Pralhad Rangari	3	SC	MH-03-817-19-004
5	AYUSH MADHAPURE	3	OBC	MH-03-817-19-005
6	Bhushan Wasudevrao Dudhe	3	OBC	MH-03-817-19-006
7	Dewalya Hemantrao Tadas	3	OBC	MH-03-817-19-007
8	DINESH WANKHADE	3	OBC	MH-03-817-19-008
9	Gaurav Wagh	3	OBC	MH-03-817-19-009
10	HARSH CHAUHAN	3	SC	MH-03-817-19-010
11	Harshal Chambhare	3	OBC	MH-03-817-19-011
12	Hrushikesh Tayade	3	OBC	MH-03-817-19-012
13	Indranil Anil Deshmukh	3	OBC	MH-03-817-19-013
14	Kalpak Wardhe	3	SC	MH-03-817-19-014
15	Karan Kohale	3	OBC	MH-03-817-19-015
16	Ku. AMRUTA KHALOKAR	3	OBC	MH-03-817-19-016
17	Ku. Anuja Hingne	3	OPEN	MH-03-817-19-017
18	Ku. DHANASHRI SURKAR	3	OBC	MH-03-817-19-018
19	Ku. DHARA GAIKWAD	3	OBC	MH-03-817-19-019
20	Ku. DIVYA BHOYAR	3	OBC	MH-03-817-19-020
21	Ku. DIVYANI AHER	3	OBC	MH-03-817-19-021
22	Ku. KAJAL PALKHADE	3	OBC	MH-03-817-19-022
23	Ku. KANCHAN MAKODE	3	SC	MH-03-817-19-023
24	Ku. KSHITIJA WARHADE	3	OBC	MH-03-817-19-024
25	Ku. MRUNALI CHAUDHARY	3	OBC	MH-03-817-19-025
26	Ku. RENUKA NAVGHARE	3	OBC	MH-03-817-19-026
27	Ku. RUTUJA TIDKE	3	OBC	MH-03-817-19-027
28	Ku. SHARVARI RAUT	3	OBC	MH-03-817-19-028
29	Ku. TARIKA KALE	3	OBC	MH-03-817-19-029
30	MANDAR WAJPE	3	OPEN	MH-03-817-19-030
31	MANOJ KEDAR	3	OBC	MH-03-817-19-031
32	MAYUR DESHMUKH	3	OPEN	MH-03-817-19-032
33	OMKAR JOSHI	3	OPEN	MH-03-817-19-033
34	PANKAJ ZATALE	3	OBC	MH-03-817-19-034
35	PAWAN INGLE	3	OBC	MH-03-817-19-035
36	PRAJOYT POHOKAR	3	OBC	MH-03-817-19-036

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85	Ku. Arti Ravindra Nimkar	2	OBC	MH-03-817-20-035
86	Ku. Ashvini Rameshrao Gend	2	OBC	MH-03-817-20-036
87	Ku. Ashwini Ajit Kasture	2	OBC	MH-03-817-20-037
88	Ku. Ashwini Revalnath Avadhut	2	NT-B	MH-03-817-20-038
89	Ku. Deepika Balasaheb Sangole	2	OBC	MH-03-817-20-039
90	Ku. Diksha Gajanan Bawane	2	NT(B)	MH-03-817-20-040
91	Ku. Gauri Rajesh Tayade	2	OBC	MH-03-817-20-041
92	Ku. Gunjan Sagar Singne	2	NT-1	MH-03-817-20-042
93	Ku. Harshada Ravindra Kale	2	OBC	MH-03-817-20-043
94	Ku. Himani Purushottam Umratkar	2	OBC	MH-03-817-20-044
95	Ku. Madhura Narendra Mohod	2	OBC	MH-03-817-20-045
96	Ku. Monika Subhash Rathod	2	VJ	MH-03-817-20-046
97	Ku. Monika Suresh Pawar	2	VJNT	MH-03-817-20-047
98	Ku. Nidhi Nitinrao Ganorkar	2	OBC	MH-03-817-20-048
99	Ku. Nisarga sudhir Mhaisane	2	OBC	MH-03-817-20-049
100	Ku. Nishita Mahendra Likhare	2	SBC	MH-03-817-20-050
101	Ku. Pooja Tukaram Nimje	2	SBC	MH-03-817-20-051
102	Ku. Prachi Gunvantrao Nahe	2	OBC	MH-03-817-20-052
103	Ku. Prajakta Govardhan Charhate	2	OBC	MH-03-817-20-053
104	Ku. Prajakta Prakashrao Nagale	2	SC	MH-03-817-20-054
105	Ku. Pritima Narayan Kaware	2	NT(B)	MH-03-817-20-055
106	Ku. Radhika surendra Sawarkar	2	OBC	MH-03-817-20-056
107	Ku. Reetika Shankar Vaidya	2	OBC	MH-03-817-20-057
108	Ku. Renuka gajanan chaudhari	2	OBC	MH-03-817-20-058
109	Ku. Sakshi khushal katore	2	OBC	MH-03-817-20-059
110	Ku. Sakshi rajesh durge	2	OBC	MH-03-817-20-060
111	Ku. Sakshi Sudhir Fiske	2	OBC	MH-03-817-20-061
112	Ku. Samiksha jitendra gawande	2	OBC	MH-03-817-20-062
113	Ku. Samruddhi Chandresh Gandhi	2	OPEN	MH-03-817-20-063
114	Ku. Samruddhi Narendra Suroshe	2	OBC	MH-03-817-20-064
115	Ku. Sharayu Vinay Suryakar	2	OBC	MH-03-817-20-065
116	Ku. Shraddha Dinesh Rawarkar	2	OBC	MH-03-817-20-066
117	Ku. Tanaya Madhukar Chirde	2	OBC	MH-03-817-20-067
118	Ku. Utkarsha satish korde	2	OBC	MH-03-817-20-068
119	Ku. Vishakha Prabhakar Mohod	2	SC	MH-03-817-20-069
120	Ku.Suyoga Anand Nimbhorkar	2	OBC	MH-03-817-20-070
121	Ku.Vaishnavi Rajendra Garade	2	OBC	MH-03-817-20-071
122	Mihir Prashant Dhore	2	OBC	MH-03-817-20-072
123	Piyush Ashokrao Malkhede	2	SC	MH-03-817-20-073
124	Piyush gajanan sarode	2	OBC	MH-03-817-20-074
125	Piyush Tejaram Dhawane	2	SC	MH-03-817-20-075
126	Prajwal Ravindra Hole	2	OBC	MH-03-817-20-076
127	Pranav ashok Deole	2	OBC	MH-03-817-20-077
128	Pranay Devidas Lambat	2	OBC	MH-03-817-20-078
129	Prasad Kishor Shelar	2	OBC	MH-03-817-20-079
130	Prasad Vinod Charate	2	OBC	MH-03-817-20-080
131	Prathmesh MadhukaraoWagh	2	OBC	MH-03-817-20-081
132	Pratik Arvind Khadse	2	SC	MH-03-817-20-082
133	Pratik Sahebrao Aswar	2	OBC	MH-03-817-20-083
134	Pratik Vilas Dole	2	OBC	MH-03-817-20-084
135	Rajat Ashish Guhe	2	OBC	MH-03-817-20-085

136	Rushikesh Prabhakar Zadpe	2	OBC	MH-03-817-20-086
137	Rutik Nandkishorrao Kurhade	2	OBC	MH-03-817-20-087
138	Sanket Umesh Patil	2	SBC	MH-03-817-20-088
139	Shreyash Sanjaypant Thelkar	2	OBC	MH-03-817-20-089
140	Siddeshwar Kisan Chopade	2	OBC	MH-03-817-20-090
141	Sumedh Gulabrao Bodade	2	SC	MH-03-817-20-091
142	Sumiran Pramod Shahane	2	OBC	MH-03-817-20-092
143	Swarup Gowardhan Dhote	2	OBC	MH-03-817-20-093
144	Swastik Pravin Gore	2	Open	MH-03-817-20-094
145	Tejas Chakradharrao Chaukhande	2	OBC	MH-03-817-20-095
146	Tejas Pandurang Sapkal	2	NT(B)	MH-03-817-20-096
147	Tejas Sanjay Puri	2	NT(b)	MH-03-817-20-097
148	Ujwal Devanand Patond	2	NT-C	MH-03-817-20-098
149	Vedant rajendra gulhane	2	OBC	MH-03-817-20-099
150	Vivek Prashantrao Deotale	2	OBC	MH-03-817-20-100

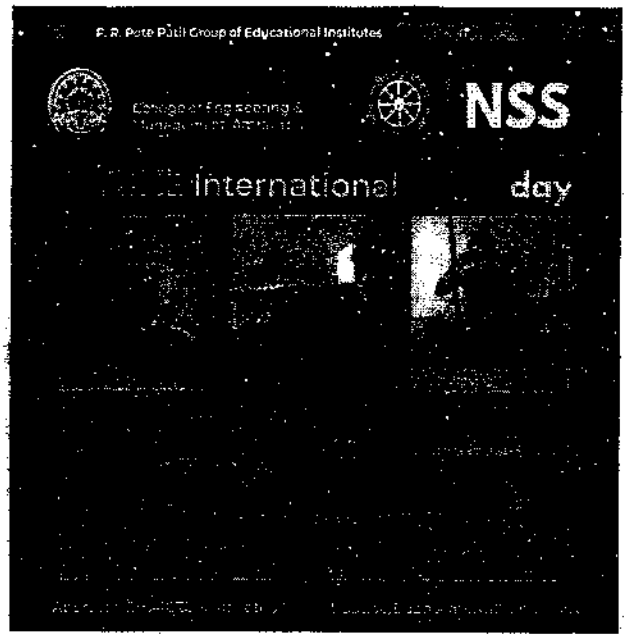
Sr.No.	Catagary	Total
1	OBC/OPEN	123
2	SC/ST	15
3	VJ/NT	12
	TOTAL	**150**

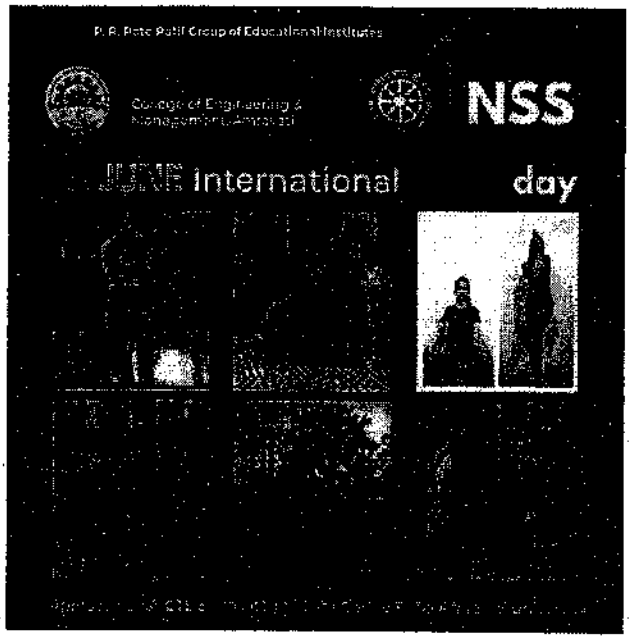
Boys	Girls	Total
70	60	150

Prof. S. S. Mendhe
N.S.S. Program Officer
P.R.P.C.E. & M. Amravati
N.S.S. Programme Officer
P. R. Pote (Patil) Edu. & Welf. Trust's
College of Engg. & Management, Amravati

Dr. Mohd. Zuhair
Principal
P.R.P.C.E.P. & M. Amravati
College of Engineering & Management
Amravati.

37	PRAJWAL DESHMUKH	3	OPEN	MH-03-817-19-037
38	PRAJWAL YEOLE	3	OBC	MH-03-817-19-038
39	PRANAV DABHADE	3	OBC	MH-03-817-19-039
40	PRANAV TAKARKHEDE	3	OBC	MH-03-817-19-040
41	PRASHANT DATEY	3	OBC	MH-03-817-19-041
42	RAVINDRA RAKHONDE	3	OBC	MH-03-817-19-042
43	ROHAN TAYADE	3	OBC	MH-03-817-19-043
44	SAGAR DESHMUKH	3	OPEN	MH-03-817-19-044
45	SHUBHAM MASKE	3	OBC	MH-03-817-19-045
46	TEJAS CHIKALE	3	OBC	MH-03-817-19-046
47	TUSHAR RAUT	3	OBC	MH-03-817-19-047
48	TUSHAR REKHATE	3	OBC	MH-03-817-19-048
49	VAIBHAV MALOKAR	3	OBC	MH-03-817-19-049
50	YASH GANGANE	3	OBC	MH-03-817-19-050
51	Abhay Vinay Punse	2	NT-C	MH-03-817-20-001
52	Abhishek Sitaramji Dhok	2	OBC	MH-03-817-20-002
53	Ajinkya Nitin Kandalkar	2	OBC	MH-03-817-20-003
54	Ananta Ramdas Wakle	2	OBC	MH-03-817-20-004
55	Aniket Kuralkar	2	OBC	MH-03-817-20-005
56	Aniket Subhashrao Deulkar	2	OBC	MH-03-817-20-006
57	ANUP MAROTRAO SAV	2	NT(C)	MH-03-817-20-007
58	Anurag Dnyaneshwar Kale	2	OBC	MH-03-817-20-008
59	Anurag Janardanrao Tayde	2	SC	MH-03-817-20-009
60	Arpit Vinay Bole	2	OBC	MH-03-817-20-010
61	Atharva Manohar Kharapkar	2	OBC	MH-03-817-20-011
62	ATHARVA RAJKUMAR TADAS	2	OBC	MH-03-817-20-012
63	Ayush Richpal Maliye	2	OBC	MH-03-817-20-013
64	Bhushan J Nagale	2	SC	MH-03-817-20-014
65	Chetan Gopal Patil	2	OBC	MH-03-817-20-015
66	Dipesh Kailashpant Raut	2	SC	MH-03-817-20-016
67	Dipesh Sahebu Bethe	2	ST	MH-03-817-20-017
68	Dipesh vilasrao khodaskar	2	OBC	MH-03-817-20-018
69	Faizan Ahmad Mohd Yunus	2	OBC	MH-03-817-20-019
70	Gaurav Sandip Lokhande	2	OBC	MH-03-817-20-020
71	Harshal SunilNachane	2	SC	MH-03-817-20-021
72	Jay Jagdish Landge	2	OBC	MH-03-817-20-022
73	Jayesh Ramkrushna Dhule	2	OBC	MH-03-817-20-023
74	Karan Yogendra Kohale	2	OBC	MH-03-817-20-024
75	Kaustubh Dilip Kulkarni	2	OPEN	MH-03-817-20-025
76	Ku. Aboli Govardhan Dhote	2	OBC	MH-03-817-20-026
77	Ku. Achal Vijayrao Kale	2	OBC	MH-03-817-20-027
78	Ku. Aditi Prafull Thakare	2	OBC	MH-03-817-20-028
79	Ku. Amruta Harish Mohod	2	OBC	MH-03-817-20-029
80	Ku. Anuja shivdasrao sagane	2	OBC	MH-03-817-20-030
81	Ku. Anushri Pradip Gangane	2	OBC	MH-03-817-20-031
82	Ku. Apeksha Arun Bendarkar	2	OBC	MH-03-817-20-032
83	Ku. Apeksha Ashokrao Molekar	2	OBC	MH-03-817-20-033
84	Ku. Apurva Rajendra Dandale	2	OBC	MH-03-817-20-034





Photograph taken During Yoga Day Programe

All Respective Head of Department & Faculty member was graced the occasion. The programme arraigned by NSS Volunteers & NSS Programme Officer.

NSS Programe Officer
Prof. S.S. Mendhe
(Asst. Prof. Mechanical Engg. Department)
N.S.S. Programme Officer
P. R. Pote (Patil) Edu. & Welf. Trustas
College of Engg. & Management, Amravati.

P. R. Pote Patil College of Engineering And Management Amravati

National Service Scheme (N.S.S.)

International Yoga Day

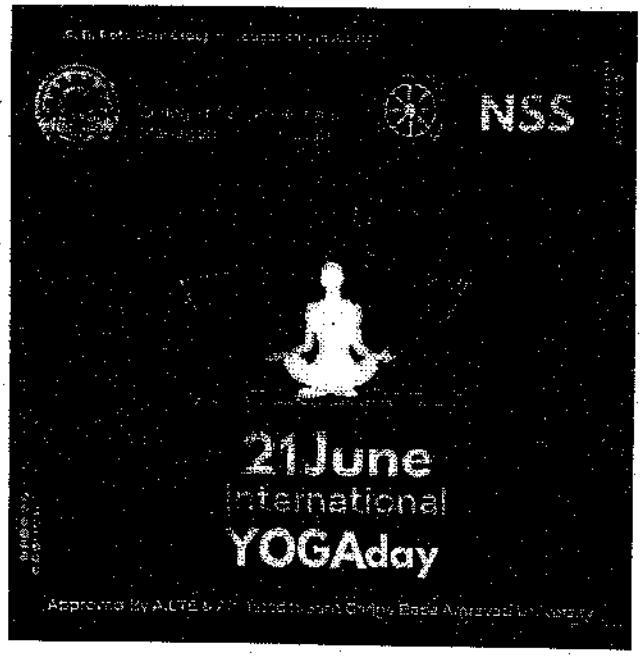
This year the Yoga day celebrations were held at P. R. Pote Patil College of Engineering & Management Amravati on 2021 June 21. The session was held in our Library. Faculty member from various departments took part in the celebration. The inaugural speech was given by the NSS Programme officer Prof. Shridhar S. Mendhe who emphasized the importance of Yoga and physical exercises in daily life.

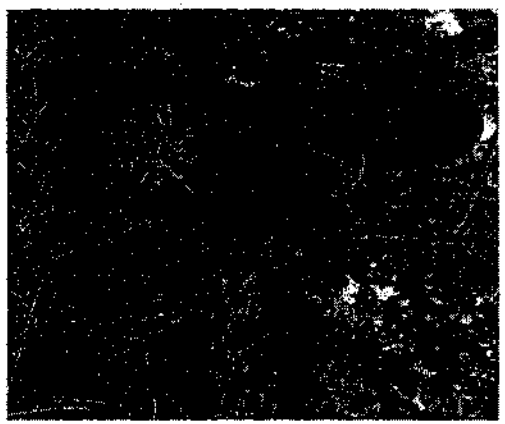
A group of Faculty who were yoga students performed several asanas. They also performed standing and sitting asanas. One could understand by watching their performance that they have been practising yoga for the last few years.

The NSS Volunteers and student celebrates International Yoga Day in their respective home due to Covid-19 Pandemic

Some of the seniors even did some of the tough asanas. Our yoga teacher showed us some simple and beginner asanas which we did for about 150 minutes. The session was really organised. There were teachers all around us to help us in case we had trouble performing or understanding asanas. All the students participated eagerly.

Even our principal Dr. A. V. Kale & Vice Principal Dr. Mohd. Zuhair took active participation in yoga day celebrations. About its history, a century of origin, how it helped the common people. They even told us that yoga helps increase concentration. Yoga day was celebrated with great enthusiasm.





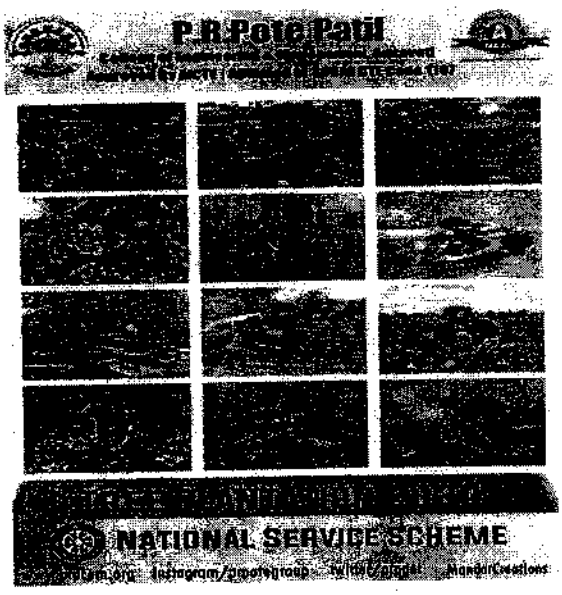


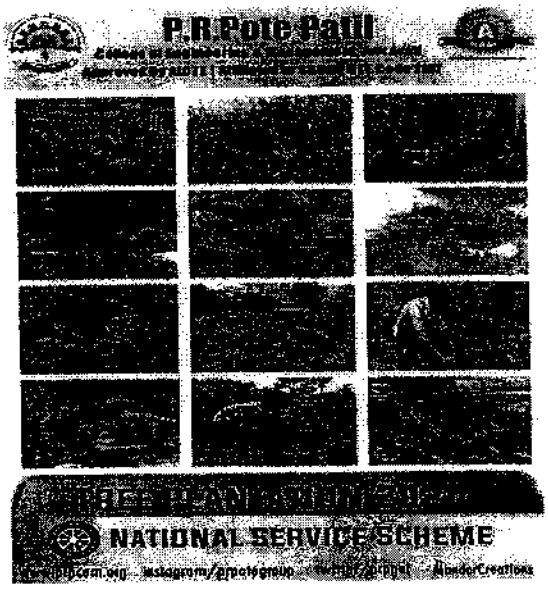


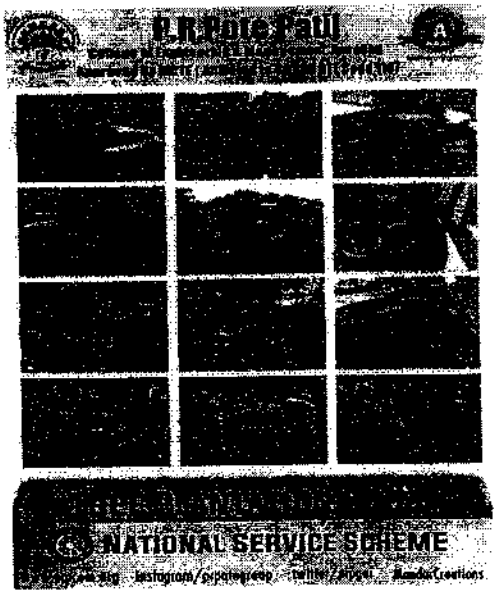


Tree Plantation during Covid-19 Pandemic at Students Villages- 09/07/2020

The NSS cell of P.R. Pote(Patil) College of Engineering & Management Amravati create a lot of awareness on the importance of tree plantation in surroundings areas. In addition to this, tree plantation programs are conducted in different villages during corona & lockdown. Students are staying home during lockdown, during this period NSS Cell organized Tree Planation program at native place with social distancing. So far, approximately 150 saplings have been planted to the students, faculty members in their own village. The huge response from all NSS volunteers during plantation.









P. R. Pote (Patil) Education & Welfare Trust's Group of Institutions College of Engg. & Management, Amravati

Index

Session 2020-21

3.4.1. The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, on-the- job training, research etc during the year

Sr.No.	Particulars	Page Number
1	AQAR Cover Page	572-589
2	Mechanical Engg.	590-599
3	MCA	600-634
4	MBA	635-640

Key Indicators 3.4 – Collaboration (20)

Metric No.	
3.4.1. QnM	**The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year**

3.4.1.1:Number of linkages for faculty exchange, student exchange, internship, field trip, on-the- job training, research etc during the year

Year	2020-21
Number	66

Data Requirements: (during the year)(As per Data Template)

SN	Title of the collaborative activity	Name of the collaborating agency with contact details	Name of the participant	Year of collaboration	Duration	Nature of the activity	Link to the relavant document
Mechanical Engineering Department.							
1	Mechanical Work Training	Khandelwal Autowheels Pvt. Ltd. Akola	Prajwal Deshmukh	2020-21	15/10/21 to 15/11/21	Internship	https://www.prpcem.org/mechanical/wp-content/uploads/sites/4/2021/10/Mech-Ind-Trainin

								g-2020-21-min.pdf	
	2	Industrial Training	MSRTC Workshop, Amravati Depot, Amravati	Tushar B Kogekar	2020-21	11/02/21 to 13/02/21	Internship	https://www.prpcem.org/mechanical/wp-content/uploads/sites/4/2021/10/Mech-Ind-Training-2020-21-min.pdf	
	3	Industrial Training	MSRTC Workshop, Amravati Depot, Amravati	Dipak D Umale	2020-21	11/02/21 to 13/02/21	Internship	https://www.prpcem.org/mechanical/wp-content/uploads/sites/4/2021/10/Mech-Ind-Training-2020-21-min.pdf	
	4	Industrial Training	MSRTC Workshop	Om A Dongare	2020-21	11/02/21 to 13/02/21		https://www.prpcem.org/mechanical/w	

			, Amravati Depot, Amravati					p-content/uploads/sites/4/2021/10/Mech-Ind-Training-2020-21-min.pdf	
	5	Industrial Training	MSRTC Workshop , Amravati Depot, Amravati	Abhishek Mohod	2020-21	11/02/21 to 13/02/21	Internship	https://www.prpcem.org/mechanical/wp-content/uploads/sites/4/2021/10/Mech-Ind-Training-2020-21-min.pdf	
	6	Industrial Training	MSRTC Workshop , Amravati Depot, Amravati	Mihir Wankhade	2020-21	11/02/21 to 13/02/21	Internship	https://www.prpcem.org/mechanical/wp-content/uploads/sites/4/2021/10/Mech-Ind-Training-2020-	

							21-min.pdf
7	Industrial Training at Manufacturing Department	Jadao Layland Pvt. Ltd. Amravati	Sumit Taywade	2020-21	05/04/21 to 20/04/21	Internship	https://www.prpcem.org/mechanical/wp-content/uploads/sites/4/2021/10/Mech-Ind-Training-2020-21-min.pdf
8	Industrial Training at Manufacturing Department	Jadao Layland Pvt. Ltd. Amravati	Sumit Bamne	2020-21	05/04/21 to 20/04/21	Internship	https://www.prpcem.org/mechanical/wp-content/uploads/sites/4/2021/10/Mech-Ind-Training-2020-21-min.pdf
9	Industrial Training at Manufacturing Department	Jadao Layland Pvt. Ltd. Amravat	Ayush Madhapure	2020-21	05/04/21 to 20/04/21	Internship	https://www.prpcem.org/mechanical/wp-conten

			i					t/uploads/sites/4/2021/10/Mech-Ind-Training-2020-21-min.pdf
	10	Industrial Training at Manufacturing Department	Jadao Layland Pvt. Ltd. Amravati	Prajwal Ingole	2020-21	05/04/21 to 20/04/21	Internship	https://www.prpcem.org/mechanical/wp-content/uploads/sites/4/2021/10/Mech-Ind-Training-2020-21-min.pdf
	11	Master Class on EV Design using Matlab	Pantech Prolabs India Pvt Ltd	Yash Raut	2020-21	07/06/21 to 11/06/21	Internship	https://www.prpcem.org/mechanical/wp-content/uploads/sites/4/2021/10/Mech-Ind-Training-2020-21-min.pd

							f
12	Master Class on EV Design using Matlab	Pantech Prolabs India Pvt Ltd	Swaraj Dhote	2020-21	07/06/21 to 11/06/21	Internship	https://www.prpcem.org/mechanical/wp-content/uploads/sites/4/2021/10/Mech-Ind-Training-2020-21-min.pdf
13	Industrial Training Course	Chandrapur Super Thermal Power Station	Swapnil Suresh Nighot	2020-21	01/07/21 to 30/07/21	Internship	https://www.prpcem.org/mechanical/wp-content/uploads/sites/4/2021/10/Mech-Ind-Training-2020-21-min.pdf
14	Training	F. CAD. Infotech	Prajwal Kalpande	2020-21	01/11/21 to 07/12/21	Internship	https://www.prpcem.org/mechanical/wp-content/uploads/site

								s/4/2021/10/Mech-Ind-Training-2020-21-min.pdf
MCA								
	1	Alumni Management	dot COM Infotech Pvt. Ltd	AISHWARYA SANJAY RAO MEHARE	2021	6 months	Internship	https://drive.google.com/drive/folders/1kpMWp_zkQ7V4jQTdDwnvApODottJbGMf?usp=sharing
	2	sports management .	dot Com infotech pvt. Ltd	AKSHAY GANESH RAO HATKAR	2021	6 months	Internship	https://drive.google.com/drive/folders/1kpMWp_zkQ7V4jQTdDwnvApODottJbGMf?usp=sharing
	4	Project Allotment Monitoring and Scheduling	Ctronics Solutions Private Limited	ANKIT HEMANT BALAPURE	2021	6 months	Internship	https://drive.google.com/drive/folders/1kpMWp_zkQ7V4jQTdDwnvApODottJbGMf?

								usp=sharing
	5	Medclick Management	infobech solution	ANUJA PANDURANGJI PATRE	2021	6 months	Internship	https://drive.google.com/drive/folders/1kpMWp_zkQ7V4jQTdDwnvApODottJbGMf?usp=sharing
	6	Smart Health Care Management	iBase Electrosoft LLP	ANUSHREE SURESH TAYADE	2021	6 months	Internship	https://drive.google.com/drive/folders/1kpMWp_zkQ7V4jQTdDwnvApODottJbGMf?usp=sharing
	9	SKY Tours And Travel	Poornadwait	DIVYA MAHENDRA WANDHARE	2021	6 months	Internship	https://drive.google.com/drive/folders/1kpMWp_zkQ7V4jQTdDwnvApODottJbGMf?usp=sharing
	10	VC office management system	dot COM Infotech pvt. Ltd	HARSHADA BANDU DEWALKAR	2021	6 months	Internship	https://drive.google.com/drive/folders/1kpMW

								p_zkQ7V4jQTdDwnvApODottJbGMf?usp=sharing
	11	Kastakar		KARTAVYA JAGDISH NATHILE	2021	6 months	Internship	https://drive.google.com/drive/folders/1kpMWp_zkQ7V4jQTdDwnvApODottJbGMf?usp=sharing
	12	E-Learning for Technical Job Seeker (TechnoQuest)	Lits Bros Pvt. Ltd.	KASHIF HUSAIN NASIR HUSAIN	2021	6 months	Internship	https://drive.google.com/drive/folders/1kpMWp_zkQ7V4jQTdDwnvApODottJbGMf?usp=sharing
	13	End to End Online Implementation of Water Billing System- for Urban Local Body	Mastiff Solution Pvt. Ltd.	KEWAL PRADEEP CHOUDHARI	2021	6 months	Internship	https://drive.google.com/drive/folders/1kpMWp_zkQ7V4jQTdDwnvApODottJbGMf?usp=sharing
	14	SKY Tours And	Poornad	KOMAL SURESH	2021	6 months	Internship	https://drive.

		Travel	wait	RAO INGALE				google.com/drive/folders/1kpMWp_zkQ7V4jQTdDwnvApODottJbGMf?usp=sharing
	6	E-Learning for Technical Job Seeker (TechnoQuest)	Lits Bros Pvt. Ltd.	MAHESH TUKARAM CHAVHAN	2021	6 months	Internship	https://drive.google.com/drive/folders/1kpMWp_zkQ7V4jQTdDwnvApODottJbGMf?usp=sharing
	17	Placement Management	Dot.com Infotech PVT LTD	MANISH DILIPRAO JADHAO	2021	6 months	Internship	https://drive.google.com/drive/folders/1kpMWp_zkQ7V4jQTdDwnvApODottJbGMf?usp=sharing
	18	Project Management CRM	Itorix Infotech	MAYURI DILIP GAYDHANI	2021	6 months	Internship	https://drive.google.com/drive/folders/1kpMWp_zkQ7V4jQTdDwnvApODott

							JbGMf?usp=sharing
19	Leaf Disease Prediction via Machine Learning	Meecos Innovations Pvt Ltd.	MUGDHA NITIN DESHMUKH	2021	6 months	Internship	https://drive.google.com/drive/folders/1kpMWp_zkQ7V4jQTdDwnvApODottJbGMf?usp=sharing
20	Online Police Training Recruitment System	Lits Bros Pvt. Ttd	NAVNIT CHANDU RAUT	2021	6 months	Internship	https://drive.google.com/drive/folders/1kpMWp_zkQ7V4jQTdDwnvApODottJbGMf?usp=sharing
21	Library Resources	Itrons Technologies Pvt. Ltd	PALLAVI SANJAY RAO DIWARE	2021	6 months	Internship	https://drive.google.com/drive/folders/1kpMWp_zkQ7V4jQTdDwnvApODottJbGMf?usp=sharing
22	Garden Management System	dot Com Infotech Pvt.	PRAJAKTA SHAMRAO TEKAM	2021	6 months	Internship	https://drive.google.com/drive/folders/1

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	23	Alumni Web Portal	Lits Bros Pvt. Ltd.	PRIYA RAVINDRA SHRIKHANDE	2021	6 months	Internship	https://drive.google.com/drive/folders/1kpMWp_zkQ7V4jQTdDwnvApODottJbGMf?usp=sharing
	24	Dermocare-Online consultation	Lits Bros Pvt. Ltd	RADHA VILASRAO WAGDARKAR	2021	6 months	Internship	https://drive.google.com/drive/folders/1kpMWp_zkQ7V4jQTdDwnvApODottJbGMf?usp=sharing
	25	social distancing measurement	ibase electrosoft	RAKESH VIJAYRAO RAJOTE	2021	6 months	Internship	https://drive.google.com/drive/folders/1kpMWp_zkQ7V4jQTdDwnvApODottJbGMf?usp=sharing
	26	Guest	Dot	RUSHAB	2021	6 months	Internsh	https:/

		House Mangement	com info tech Pvt Ltd	H BHARAT RAO DESHMUKH			ip	/drive.google.com/drive/folders/1kpMWp_zkQ7V4jQTdDwnvApODottJbGMf?usp=sharing
	27	Product recommendation system	iBase Electrosoft LLP	RUTUJA SUNIL WASU	2021	6 months	Internship	https://drive.google.com/drive/folders/1kpMWp_zkQ7V4jQTdDwnvApODottJbGMf?usp=sharing
	28	Crime Analysis Mapping, Intrusion Detection Using Data Mining	Parmy Technologies	SAMIKSHA NAMDEORAO DAWANDE	2021	6 months	Internship	https://drive.google.com/drive/folders/1kpMWp_zkQ7V4jQTdDwnvApODottJbGMf?usp=sharing
	29	E-Learning for Technical Job Seeker (TechnoQuest)	Lits Bros Pvt. Ltd.	SANKET ANIL PEMPAKWAR	2021	6 months	Internship	https://drive.google.com/drive/folders/1kpMWp_zkQ7V4jQTdDwnvA

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	30	WeScrum	Casepoint Pvt. Ltd.	SAURABH GANGADHARRAO DHOTE	2021	6 months	Internship	https://drive.google.com/drive/folders/1kpMWp_zkQ7V4jQTdDwnvApODottJbGMf?usp=sharing
	31	Dermocare-Online consultation	Lits Bros Pvt. Ltd.	SHIVANI DIPAKRAO JIRAPURE	2021	6 months	Internship	https://drive.google.com/drive/folders/1kpMWp_zkQ7V4jQTdDwnvApODottJbGMf?usp=sharing
	32	Wi-Fi based Attandenac System	iBase Electrosoft	SHIVANI SUBHASH KHADE	2021	6 months	Internship	https://drive.google.com/drive/folders/1kpMWp_zkQ7V4jQTdDwnvApODottJbGMf?usp=sharing
	33	IPL-Analysis	PIE Infocomm Pvt.	SHIVANI SUBHASHRAO DAHAKE	2021	6 months	Internship	https://drive.google.com/drive/fol

			Ltd					ders/1kpMWp_zkQ7V4jQTdDwnvApODottJbGMf?usp=sharing
	34	Right to the Information	Dot com Info tech Pvt. Ltd	SHIVDAS LAXMAN PENDOR	2021	6 months	Internship	https://drive.google.com/drive/folders/1kpMWp_zkQ7V4jQTdDwnvApODottJbGMf?usp=sharing
	35	Library Resources	Itrons Technologies Pvt. Ltd	SHIVGAURI UMESH KUBDE	2021	6 months	Internship	https://drive.google.com/drive/folders/1kpMWp_zkQ7V4jQTdDwnvApODottJbGMf?usp=sharing
	36	News web portal	Lits Bros Pvt. Ltd.	SHUBHADA DIPAKRAO THAKARE	2021	6 months	Internship	https://drive.google.com/drive/folders/1kpMWp_zkQ7V4jQTdDwnvApODottJbGMf?usp=sharing

	39	Alumni web portal	Lits Bros Pvt. Ltd.	SNEHA GOPALRAO FUTANE	2021	6 months	Internship	https://drive.google.com/drive/folders/1kpMWp_zkQ7V4jQTdDwnvApODottJbGMf?usp=sharing
	40	Restaurant Management System	Itrons Technologies	SNEHALRAMRAO BUNDILE	2021	6 months	Internship	https://drive.google.com/drive/folders/1kpMWp_zkQ7V4jQTdDwnvApODottJbGMf?usp=sharing
	41	SKY Tours And Travel	Poornadwait	SUNAINA SHASHIKANT POHARE	2021	6 months	Internship	https://drive.google.com/drive/folders/1kpMWp_zkQ7V4jQTdDwnvApODottJbGMf?usp=sharing
	42	Online Police Training Recruitment System	Lits Bros Pvt. Ltd	SUVIDHA SAHEBRAO GANOSKAR	2021	6 months	Internship	https://drive.google.com/drive/folders/1kpMWp_zkQ7V4jQTd

								DwnvApODottJbGMf?usp=sharing
	44	Restaurant Management System	Itrons Technologies	VAISHNAVI RAJESH KUBDE	2021	6 months	Internship	https://drive.google.com/drive/folders/1kpMWp_zkQ7V4jQTdDwnvApODottJbGMf?usp=sharing
	45	malicious post detection in social network	iBase Electrosoft LLP	VAISHNAVI RAMESHWAR TAWALARE	2021	6 months	Internship	https://drive.google.com/drive/folders/1kpMWp_zkQ7V4jQTdDwnvApODottJbGMf?usp=sharing
	46	School Management System	kasnet Technology Pvt. Ltd	VIJETA SUNIL MESHRAM	2021	6 months	Internship	https://drive.google.com/drive/folders/1kpMWp_zkQ7V4jQTdDwnvApODottJbGMf?usp=sharing
	47	Property Expert	Imagine Scripts	NAMRATA KHAWALE	2021	6 months	Internship	https://drive.google.com/dr

			Pvt ltd					ive/folders/1kpMWp_zkQ7V4jQTdDwnvApODottJbGMf?usp=sharing
	48	PRODUCT FORECASTING IN E-COMMERCE WEBSITE	Imagine Scripts Pvt ltd	MAAYUR SONAR	2021	6 months	Internship	https://drive.google.com/drive/folders/1kpMWp_zkQ7V4jQTdDwnvApODottJbGMf?usp=sharing
	49	Employee performance evaluation	Imagine Scripts Pvt ltd	SANKET WASANKAR	2021	6 months	Internship	https://drive.google.com/drive/folders/1kpMWp_zkQ7V4jQTdDwnvApODottJbGMf?usp=sharing
	MBA Department							
	1	Student exchange	International Business Idea Challenge	Swapnil Rai	2020-21	2days	Achievement	https://www.prpcem.org/mba/silver-award-winner-in-international-

P R Pote Patil College of Engineering and Management, Amravati

Department of Mechanical Engineering, Industrial Training Record of Students 2020-21

Sr. No.	Name of Student	Training	Conducted by	From	To	Duration (Days)
1	Prajwal Deshmukh	Mechanical Work Training	Khandelwal Autowheels Pvt. Ltd. Akola	15-10-2020	15-01-2021	92
2	Tushar B Kogekar	Industrial Training	MSRTC Workshop, Amravati Depot, Amravati	11-02-2021	13-02-2021	3
3	Dipak D Umale			11-02-2021	13-02-2021	3
4	Om A Dongare			11-02-2021	13-02-2021	3
5	Abhishek Mohod			11-02-2021	13-02-2021	3
6	Mihir Wankhade			11-02-2021	13-02-2021	3
7	Sumit Taywade	Industrial Training at Manufacturing Department	Jadao Layland Pvt. Ltd. Amravati	05-04-2021	20-04-2021	15
8	Sumit Bamne			05-04-2021	20-04-2021	15
9	Ayush Madhapure			05-04-2021	20-04-2021	15
10	Prajwal Ingole			05-04-2021	20-04-2021	15
11	Yash Raut	Master Class on EV Design using Matlab	Pantech Prolabs India Pvt Ltd	07-06-2021	11-06-2021	5
12	Swaraj Dhote	Master Class on EV Design using Matlab	Pantech Prolabs India Pvt Ltd	07-06-2021	11-06-2021	5
13	Swapnil Suresh Nighot	Industrial Training Course	Chandrapur Super Thermal Power Station	01-07-2021	30-07-2021	30
14	Prajwal Kalpande	Training	F. CAD. Infotech	01-11-2020	07-12-2020	37

Incharge

HoD, Mechanical
H.O.D. (Mech. Dept.)
P.R.Pote (Patil) College of Engg. & Management
Amravati.

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MARUTI SUZUKI ARENA

CERTIFICATE

Of Industrial Project/Training

This Certificate Is Proudly Presented To

PRAJWAL SANJAY DESHMUKH

From P. R. POTE (PATIL) COLLEGE OG ENGINEERING AND MANAGEMENT AMRAVATI.

For attend the training period from 15/10/2020 to 15/01/2021. And study whole mechanical work had done in our workshop of both vehicles i.e. Petrol and Diesel vehicles. And understand and learned whole process of vehicle receiving from company to till vehicle delivery to the customer.

As per the above lines We are happy to award certificate of project/training at our place

Khandelwal Autowheels Pvt. Ltd. Akola.
(Authorized Maruti Suzuki Dealer Akola)

We wish him all the best for successful and innovative future ahead. God bless him.

Mr. Sudhir S. Shirpurkar
(General Manager)

Khandelwal Autowheels Pvt. Ltd.
Akola.

KHANDELWAL AUTOWHEELS PVT. LTD., TIRUPATI CHAMBERS, CONVENT ROAD, AKOLA - 444 005, STATE - MAHARASHTRA
Showroom : Mob. 8550994025, 8767890952, Work Shop : Mob. 9767892552, 9172220552, E-mail : khandelwal.akl.sal1@marutidealers.com
PAN No. : AABCK5443M • GSTIN No. : 27AABCK5443M1ZN • CIN : U51504MH1999PTC120949

Khandelwal Autowheels Pvt. Ltd.

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महाराष्ट्र राज्य मार्ग परिवहन महामंडळ अमरावती विभाग अमरावती

क्र. राप/अम/विनि/आस्था/ [illegible]
विभाग नियंत्रक यांचे कार्यालय
शिवाजी नगर कॅम्प अमरावती
दि. 23/02/2021

प्रति,
प्राचार्य,
पी.आर.पोटे कॉलेज ऑफ इंजीनियरींग अॅन्ड मॅनेजमेंट अमरावती

विषय- औद्योगीक प्रशिक्षणाकरिता परवानगी देणेबाबत

संदर्भ- पी.आर.पोटे कॉलेज ऑफ इंजीनियरींग अॅन्ड मॅनेजमेंट अमरावती यांचे पत्र
क्र. पीआरपीसीईएम/मेकॅ/डीओसी२७/टीआरजी/ दि.०३/०२/२०२१ व
क्र. पीआरपीसीईएम/मेकॅ/डीओसी२८/टीआरजी/ दि.०५/०२/२०२१

उपरोक्त संदर्भिय विषयानुसार आपणास कळविण्यात येते की, आपले महाविद्यालयातील विद्यार्थांना अंतर्वासिता (इंटरशिप) देण्याची विनंती केलेली होती. त्यानुसार दिनांक ११/०२/२०२१ ते १३/०२/२०२१ या कालावधीतील ०३ दिवसांचे प्रशिक्षण देण्यात आलेले आहे. शुभम अवधुत खाडे हे प्रशिक्षण करिता रुजु झाले नाही. उपस्थित विद्यार्थांचे हजेरी पत्राकाची प्रत आपणास माहितीकरिता सादर करण्यात येत आहे.

अ.क्र.	विद्यार्थांचे नाव	शाखा
१	तुषार बाबुलाल कोंगीकर	यांत्रीक अभियांत्रीकी
२	दिपक दिनकर उमाळे	यांत्रीक अभियांत्रीकी
३	ओम अशोक डोंगरे	यांत्रीक अभियांत्रीकी
४	अभिषेक उदयकुमार मोहोड	यांत्रीक अभियांत्रीकी
५	सिहीर भास्कर वानखडे	यांत्रीक अभियांत्रीकी

विभाग नियंत्रक
राज्य परिवहन अमरावती

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JADHAO
GROUP OF COMPANIES
Innovating Right Solutions

SINCE
1986

JLPL/CAF/PHA/2021-21/08

Date: 20/04/2021

CERTIFICATE

This is to certify that **Mr. Sumit Taywade**, third Year Student (VI Semester) pursuing his degree in Bachelor of Mechanical Engineering from P.R. Pote Patil Edu. & Welf. Trust's Group of Institutions, College Engineering & Management, Amravati, has undergone his internship in our **'Manufacturing Department'** at Jadhao Layland Pvt. Ltd., Amravati, Maharashtra from 05/04/2021 to 20/04/2021 (15 days) as part of his academic curriculum.

According to our observation, during the period of his internship, he had demonstrated keen interest in his assignments with a satisfactory work and was found punctual, diligent, and inquisitive.

We wish our best wishes for his future endeavor.

JADHAO GEARS LTD. D-92,D-10,I MIDC AREA AMRAVATI

For: JADHAO Layland Pvt. Ltd.

Authorized Signatory

JADHAO FALC

JADHAO LAYLAND PVT. LTD.

REGD. & MANAGEMENT OFFICE : A- 1107, D, Business Complex, Minerva Industrial Estate Off LBS Road, Mulund (W), Mumbai, INDIA - 400080 Phone +91 22 25679225 E-mail : info@jadhaofalc.com

WORKS : A-22, MIDC Area, Amravati - 444 605 (Maharashtra) - INDIA. Phone + 91 721 2520224, +91 8554897609

Website : www.jadhaolayland.com

MANUFACTURER OF : TRACTOR MOUNTED AGRICULTURE IMPLEMENTS.

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JADHAO GROUP OF COMPANIES
Generating Right Solutions
SINCE 1986

JLPL/CAF/PHA/2021-21/06 Date: 20/04/2021

CERTIFICATE

This is to certify that **Mr. Sumit Bamane**, third Year Student (VI Semester) pursuing his degree in Bachelor of Mechanical Engineering from P.R. Pote Patil Edu. & Welf. Trust's Group of Institutions, College Engineering & Management, Amravati, has undergone his internship in our **'Manufacturing Department'** at Jadhao Layland Pvt. Ltd., Amravati, Maharashtra from 05/04/2021 to 20/04/2021 (15 days) as part of his academic curriculum.

According to our observation, during the period of his internship, he had demonstrated keen interest in his assignments with a satisfactory work and was found punctual, diligent, and inquisitive.

We wish our best wishes for his future endeavor.

JADHAO GEARS LTD. D-92 D-10,11 M.I.D.C. AREA AMRAVATI

For: JADHAO Layland Pvt. Ltd.
Authorized Signatory

JADHAO LAYLAND PVT. LTD.

JADHAO FALC

SALES & MARKETING OFFICE : A- 1107, O, Business Complex, Minerva Industrial Estate, Off LBS Road, Mulund (W), Mumbai, INDIA - 400080. Phone +91 22 25679225. E-mail : info@jadhaofalc.com
WORKS : A-77, MIDC Area, Amravati - 444 605 (Maharashtra) - INDIA. Phone + 91 721 2520224, +91 8554997609
Website : www.jadhaolayland.com
MANUFACTURER OF : TRACTOR MOUNTED AGRICULTURE IMPLEMENTS.

Doc. No. CKP-F 012 (R0), Dt. 10/02/2017

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JADHAO

SINCE 1986

JLPL/CAF/PHA/2021-21/10

Date: 20/04/2021

CERTIFICATE

This is to certify that **Mr. Ayush Madhapure**, third Year Student (VI Semester) pursuing his degree in Bachelor of Mechanical Engineering from P.R. Pote Patil Edu. & Welf. Trust's Group of Institutions, College Engineering & Management, Amravati, has undergone his internship in our **'Manufacturing Department'** at Jadhao Layland Pvt. Ltd., Amravati, Maharashtra from 05/04/2021 to 20/04/2021 (15 days) as part of his academic curriculum.

According to our observation, during the period of his internship, he had demonstrated keen interest in his assignments with a satisfactory work and was found punctual, diligent, and inquisitive.

We wish our best wishes for his future endeavor.

JADHAO GEARS D-92 D-10,11 MIDC AREA

For: JADHAO Layland Pvt. Ltd.
Authorized Signatory

JADHAO FALL

JADHAO LAYLAND PVT. LTD.

SALES & MARKETING OFFICE : A- 1107, D, Business Complex, Minerva Industrial Estate, Off LBS Road, Mulund (W), Mumbai, INDIA - 400080. Phone +91 22 25679225. E-mail : info@jadhaofalc.com

WORKS : A-77, MIDC Area, Amravati - 444 605 (Maharashtra) - INDIA. Phone + 91 721 2520224, +91 8554997609

Website : www.jadhaolayland.com

MANUFACTURER OF : TRACTOR MOUNTED AGRICULTURE IMPLEMENTS.

Doc. No. CRF-012 (Rev.) Dt. 10.02.2017

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JADHAO

JLPL/CAE/PHA/2021-21/09

Date: 20/04/2021

CERTIFICATE

This is to certify that **Mr. Prajwal Ingole**, third Year Student (VI Semester) pursuing his degree in Bachelor of Mechanical Engineering from P.R. Pote Patil Edu. & Welf. Trust's Group of Institutions, College Engineering & Management, Amravati, has undergone his internship in our **'Manufacturing Department'** at Jadhao Layland Pvt. Ltd., Amravati, Maharashtra from 05/04/2021 to 20/04/2021 (15 days) as part of his academic curriculum.

According to our observation, during the period of his internship, he had demonstrated keen interest in his assignments with a satisfactory work and was found punctual, diligent, and inquisitive.

We wish our best wishes for his future endeavor.

For JADHAO Layland Pvt. Ltd.
Authorized Signatory

JADHAO

JADHAO LAYLAND PVT. LTD.

SALES & MARKETING OFFICE : A-1107, O, Business Complex, Minerva Industrial Estate, [illegible] Mumbai, INDIA - 400080. Phone - [illegible]
WORKS : A-77, MIDC Area, Amravati - 444 605 (Maharashtra) - INDIA. Phone - [illegible]
Website : www.jadhaolayland.com
MANUFACTURER OF : TRACTOR MOUNTED AGRICULTURE IMPLEMENTS

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PS-APSSDC-EV-JUNE-2021

CERTIFICATE

OF PARTICIPATION

NAME Mr Yash Ramdas Raut

COLLEGE PR POTE COLLEGE OF ENGINEERING AND MANAGEMENT-AMRAVATI

has Successfully Completed

MASTER CLASS ON EV DESIGN USING MATLAB(5 DAYS)

at Pantech Prolabs India Pvt Ltd

From JUNE 07 2021 to JUNE 11 2021

MALAIYAPPAN

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CERTIFICATE NO : PS-APSSDC-EV-JUNE-0914

PANTECHSOLUTIONS
Technology Beyond the Dreams

CERTIFICATE
OF PARTICIPATION

NAME : Mr.SWARAJ RAJENDRA DHOTE

COLLEGE : P.R.POTE COLLEGE OF ENGINEERING AND MANAGMENT OF AMRAVTI

has Successfully Completed

MASTER CLASS ON EV DESIGN USING MATLAB(5 DAYS)

at Pantech Prolabs India Pvt Ltd

From : JUNE 07,2021 to : JUNE 11,2021

M.MALAIYAPPAN
DIRECTOR
PANTECHSOLUTIONS

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F.CAD. INFOTECH
Mahalaxmi Puja Complex, beside of Essar petrol pump,
Kathora road Amravati,
Pawan tende, M.Tech(IT) D.E.Civil, D.C.E, Digital Designing
M-8275833500, 9511650000 email - f.cadcentre@gmail.com, www.fcadcadcentre.com

EXPERIENCE CERTIFICATE

To whomsoever It May Concern

This is to certify that Mr/ Mrs/ Miss : Prajwal Kalpande
has successfully completed internship under our firm from 1/11/2020 to 7/12/2020
In this period he /she has learned AUTOCAD 2020 [2D 3D]
MECHANICAL TOOLS, MACHINE PART PLANNING AND DESIGNING.

He/ she has completed project of MECHANICAL TOOLS 2D + 3D PLANNING AND DESIGNING, RENDERING, WALKTHROUGH.
He /She also visited JADHAW INDUSTRIES Amravati.

He/She has completed above work before and after college time and during Holidays.

We found him sincere, hardworking, technically sound and result oriented.
he /she worked
Well as part of a team during his /her tenure. We wish him all the best for his /her future.

Date : 7/12/2020

Place : Amravati

Director
Pawan P.Bande
FCAD CONSTRUCTION
Reg. No - [illegible]
ENGINEERING CONSULTANCY, TRAINING SERVICES
An ISO 9001:2015 MSME, RECERTIFIED CENTER

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1107- P.R.Pote College of Engg. and Management

Department of MCA

MAJOR PROJECT DETAILS - Summer 2020

sr no	Title of the collaborative activity	Name of the collaborating agency with contact details	Contact No (Company)	Name of the participant	Year of collaboration	Duration	Nature of the activity
1	Alumni Management	dotCOM Infotech Pvt. Ltd	9823194885	AISHWARYA SANJAYRAO MEHARE	2021	6 months	Internship
2	sports management .	dotCom infotech pvt.Ltd	9823194885	AKSHAY GANESHRAO HATKAR	2021	6 months	Internship
4	Project Allotment Monitoring and Scheduling	Ctronics Solutions Private Limited	9823540321	ANKIT HEMANT BALAPURE	2021	6 months	Internship
5	Medclick Management	infobech solution	9307593488	ANUJA PANDURANGJI PATRE	2021	6 months	Internship
6	Smart Health Care Management	iBase Electrosoft LLP	8080707100	ANUSHREE SURESH TAYADE	2021	6 months	Internship
9	SKY Tours And Travel	Poornadwait	9028122244	DIVYA MAHENDRA WANDHARE	2021	6 months	Internship
10	VC office management system	dotCOM Infotech pvt.Ltd	9823194885	HARSHADA BANDU DEWALKAR	2021	6 months	Internship
11	Kastakar			KARTAVYA JAGDISH NATHILE	2021	6 months	Internship
12	(TechnoQuest)	LitsBros Pvt. Ltd.	9503351933	KASHIF HUSAIN NASIR HUSAIN	2021	6 months	Internship
13	End to End Online Implementation of Water Billing System- for Urban Local Body	Mastiff Solution Pvt. Ltd.	91-9890411855	KEWAL PRADEEP CHOUDHARI	2021	6 months	Internship
14	SKY Tours And Travel	Poornadwait	9028122244	KOMAL SURESHRAO INGALE	2021	6 months	Internship
6	(TechnoQuest)	LitsBros Pvt. Ltd.	9503351933	MAHESH TUKARAM CHAVHAN	2021	6 months	Internship
17	Placement Management	Dot.com Infotech PVT LTD	98236461[illegible]8	MANISH DILIPRAO JADHAO	2021	6 months	Internship
18	Project Management CRM	Itorix Infotech	9579335001	MAYURI DILIP GAYDHANI	2021	6 months	Internship
19	Learning	Meecos Innovations Pvt Ltd.	9665956577	MUGDHA NITIN DESHMUKH	2021	6 months	Internship
20	Online Police Training Recruitment System	LitsBros Pvt.Ttd	9503351933	NAVNIT CHANDU RAUT	2021	6 months	Internship
21	Library Resources	Itrons Technologies Pvt.Ltd	8180934987	PALLAVI SANJAYRAO DIWARE	2021	6 months	Internship
22	Garden Management System	dotCom Infotech Pvt.	9823194885	PRAJAKTA SHAMRAO TEKAM	2021	6 months	Internship
23	Alumni Web Portal	LitsBros Pvt. Ltd.	8668816809	PRIYA RAVINDRA SHRIKHANDE	2021	6 months	Internship
24	Dermocare-Online consultation	LitsBros Pvt.Ltd	8668816809	RADHA VILASRAO WAGDARKAR	2021	6 months	Internship
25	social distancing measurement	ibase electrosoft	8668495652	RAKESH VIJAYRAO RAJOTE	2021	6 months	Internship
26	Guest House Mangement	Dotcom infotech Pvt Ltd	9823194885	RUSHABH BHARATRAO DESHMUKH	2021	6 months	Internship
27	Product recommendation system	iBase Electrosoft LLP	8080707100	RUTUJA SUNIL WASU	2021	6 months	Internship
28	Crime Analysis Mapping, Intrusion Detection Using Data Mining	Parmy Technologies	8125245777	SAMIKSHA NAMDEORAO DAWANDE	2021	6 months	Internship

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1107- P.R.Pote College of Engg. and Management

Department of MCA

MAJOR PROJECT DETAILS - Summer 2020

sr no	Title of the collaborative activity	Name of the collaborating agency with contact details	Contact No (Company)	Name of the participant	Year of collaboration	Duration	Nature of the activity
29	(TechnoQuest)	LitsBros Pvt. Ltd.	9503351933	SANKET ANIL PEMPAKWAR	2021	6 months	Internship
30	WeScrum	Casepoint Pvt. Ltd.	9537365551	SAURABH GANGADHARRAO DHOTE	2021	6 months	Internship
31	Dermocare-Online consultation	LitsBros Pvt. Ltd.	9503351933	SHIVANI DIPAKRAO JIRAPURE	2021	6 months	Internship
32	Wi-Fi based Attandenac System	iBase Electrosoft	9404689440	SHIVANI SUBHASH KHADE	2021	6 months	Internship
33	IPL-Analysis	PIE Infocomm Pvt.Ltd	9670056956	SHIVANI SUBHASHRAO DAHAKE	2021	6 months	Internship
34	Right to the Information	Dotcom Infotech Pvt. Ltd	9823646168	SHIVDAS LAXMAN PENDOR	2021	6 months	Internship
35	Library Resources	Itrons Technologies Pvt.Ltd	8180934987	SHIVGAURI UMESH KUBDE	2021	6 months	Internship
36	News web portal	LitsBros Pvt. Ltd.	9503351933	SHUBHADA DIPAKRAO THAKARE	2021	6 months	Internship
39	Alumni web portal	LitsBros Pvt. Ltd.	9503351933	SNEHA GOPALRAO FUTANE	2021	6 months	Internship
40	Restaurant Management System	Itrons Technologies	8180934987	SNEHAL RAMRAO BUNDILE	2021	6 months	Internship
41	SKY Tours And Travel	Poornadwait	9028122244	SUNAINA SHASHIKANT POHARE	2021	6 months	Internship
42	Online Police Training Recruitment System	LitsBros Pvt.Ltd	8668816809	SUVIDHA SAHEBRAO GANOSKAR	2021	6 months	Internship
44	Restaurant Management System	Itrons Technologies	8180934987	VAISHNAVI RAJESH KUBDE	2021	6 months	Internship
45	malicious post detection in social network	iBase Electrosoft LLP	8080707100	VAISHNAVI RAMESHWAR TAWALARE	2021	6 months	Internship
46	School Management System	kasnet Technology Pvt . Ltd	8446489635	VIJETA SUNIL MESHRAM	2021	6 months	Internship
47	Property Expert	Imagine Scripts Pvt ltd	9890546711	NAMRATA KHAWALE	2021	6 months	Internship
48	WEBSITE	Imagine Scripts Pvt ltd	9890546711	MAAYUR SONAR	2021	6 months	Internship
49	Employee performance evaluation	Imagine Scripts Pvt ltd	9890546711	SANKET WASANKAR	2021	6 months	Internship

H.O.D. Dept of MCA
P.R. Pote Patil Education & Welfare Trust
Group of Institutions College of Engg. & Management
Kathora Road, Amravati

~~285~~ 602

dotCOM Infotech Pvt. Ltd.
Think ▸▸ Inovate ▸▸ Succeed
2nd Floor, Shetkari Bhawan
above SBI (ADB Branch), Old Cotton Market,
Amravati - (M.S.) India
Cell : 9823194885, 9823646168
email : info@dotcominfotech.co.in
visit : http://dotcominfotech.co.in

COMPLETION CERTIFICATE

This is to certify that **Ms. Aishwarya Mehare**, student of MCA Third Year Sem-VI, P. R. Pote(Patil) Education and Welfare Trust's, College of Engineering & Management, Amravati, is working as a student project trainee at dotcom Infotech Pvt Ltd. Amravati from January 2021 to June 2021. The Project titled **"Alumni Management"** is being executed under the guidance of Mr. Dipak Pohekar. During the project, **Ms. Aishwarya Mehare** has shown keen interest and she executed her work with sincerity.

For dotcom Infotech Pvt Ltd

Pohekar

Mr. Deepak Pohekar

Director

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dotcom

dotCOM Infotech Pvt. Ltd.
Think ▸▸ Inovate ▸▸ Succeed
2nd Floor, Shetkari Bhawan
above SBI (ADB Branch), Old Cotton Market,
Amravati - (M.S.) India
Cell : 9823194885, 9823646168
email : info@dotcominfotech.co.in
visit : http://dotcominfotech.co.in

Date : 01/07/2021

COMPLETION CERTIFICATE

This is to certify that **Mr. Akshay Hatkar**, student of MCA Third Year Sem-VI, P. R. Pote(Patil) Education and Welfare Trust's, College of Engineering & Management, Amravati is working as a student project trainee at dotcom Infotech Pvt Ltd. Amravati from January 2021 to June 2021. The Project titled **"Sports Management"** is being executed under the guidance of Mr. Dipak Pohekar. During the project, **Mr. Akshay Hatkar** has shown keen interest and she executed her work with sincerity.

For dotcom Infotech Pvt Ltd

Pohekar

Mr. Deepak Pohekar

Director

604 287

Certificate of Internship

This certificate is presented to

Ankit Balapure

for successful completion of internship program at

MindSparXs
Empowering your future

Training Division of Ctronics InfoTech Pvt. Ltd.

Java Enterprise Application Development

From 20th January 2021 to 20th July 2021

CTRONICS INFOTECH PRIVATE LIMITED
CIN
U72200
MH2020
PTC340711

Mr. Shrikant Pande
Director

Ctronics Infotech Pvt Ltd.
www.ctronicsinfotech.in

288 605

Infobench
Solutions

COMPLETION CERTIFICATE

Ref. No: IBS/PUN/HR/CERT/21/12
1st August 2021

This is to certify that **Ms. Anuja Patre**, student of MCA Third Year SemVI, P. R. Pote(Patil) Education and Welfare Trust's, College of Engineering & Management, Amravati, is working as a student project trainee at **Infobench Solutions LLP, Pune** from February 2021 to July 2021. The Project titled "**Medclick**" is being executed under the guidance of Mr. Roshan Adhau work with sincerity.

Modules Covered During Training

1. Login page
2. User signup
3. Email and Mobile OTP Verification
4. Facebook and Google authentication

Tools/Technology

1. Java with Spring Boot Framework
2. MVC
3. Java, Angular
4. Rest API

For Infobench Solutions LLP

Mr. Roshan Adhau
Director

INFOBENCH SOLUTIONS LLP PUNE

Infobench Solutions LLP
Gat No-209 & 212, FL N-C-301, Swaraj, Borha Dewadi Pune MH 412105 IN
Web : www.infobench.in Email : sales@infobench.in Cell : +91-9307593488

LitsBros Pvt. Ltd.

ISO Certified 9001:2015 Leading Achievers

Date: 14 July, 2021 Ref No. LIS/T/2021/74

TO WHOMSOEVER IT MAY CONCERN

This is to inform that **Mr.Aniket Jagdale**, from **P.R. Pote College of Engineering & Management Amravati** successfully completed industrial training in our organization **LitsBros Pvt. Ltd.** started from 14 Jan 2021 to 14 July 2021 as a **Software trainee**. His duties included,

- Working in Web & Desktop development project of clients.
- Marketing and dealing with clients.
- Providing technical support to clients.

His sense of responsibility, maturity beyond his age in dealing with clients, understanding with team makes him universally acceptable and he gets along with all. His work output is positively influenced by his strength in communication and task-orientation. We wish him best in career ahead.

For more detail contact us at info@litsbros.com

Thank You & Regards,

LITSBROS PVT. LTD. AMRAVATI

Mr.Amit Sawarkar

C.E.O & HR

LitsBros Pvt. Ltd, Amravati

~~290~~ 607

iB@se
Electrosoft
we think for you

Android Development | Web Development | Software Development | Consultation

Ref No. : iBaseEs/internship2021/02 **Date : 23/07/2021**

TO WHOM IT MAY CONCERN

This is to be certify that Ms. Anushree Suresh Tayade has successfully completed Six month internship program at iBase Electrosoft LLP from 11th January 2021 to 11th June 2021. During the period of her internship program with us she has found sincere, hardworking, technically sound, result oriented and inquisitive.

We wish her all the best for her bright future and every success in life.

LLP Id No. AAO-4062

Executive Director
iBase Electrosoft LLP.

LitsBros Pvt. Ltd.

ISO Certified 9001:2015 Leading Achievers

Date: 14 July, 2021 Ref No. LIS/T/2021/76

TO WHOMSOEVER IT MAY CONCERN

This is to inform that **Mr.Kashif Husain**, from **P.R. Pote College of Engineering & Management Amravati** successfully completed industrial training in our organization **LitsBros Pvt. Ltd.** started from 14 Jan 2021 to 14 July 2021 as a **Software trainee**. His duties included,

- Working in Web & Desktop development project of clients.
- Marketing and dealing with clients.
- Providing technical support to clients.

His sense of responsibility, maturity beyond his age in dealing with clients, understanding with team makes him universally acceptable and he gets along with all. His work output is positively influenced by his strength in communication and task-orientation. We wish him best in career ahead.

For more detail contact us at info@litsbros.com

Thank You & Regards,

LITSBROS PVT. LTD. AMRAVATI

Mr.Amit Sawarkar

C.E.O & HR

LitsBros Pvt. Ltd, Amravati

~~292~~ 609

Mastiff
CIN- U72900MH2014PTC252205
Services: Application Services | Quality Assurance | IT Infrastructure Services | Cloud & Support Services
Address: 3rd Floor, Gulshan Tower, Near Big Cinema, Jaistambha Square, Amravati, **Tel:** +91 (721) 297-01-99, **Mobile:** +91-9890411855

Project Completion Certificate

To whomsoever it may concern

July 24, 2021

Amravati,

This is to certify that **Mr. Kewal Chaudhari** has successfully completed his academic internship (MCA Software Intern) in our organization from February 15, 2021 till July 24, 2021. As a part of further professional commitment he is currently working as Programmer Analyst Trainee. He has been actively engaged in Software development process throughout his internship tenure and has successfully completed all the assigned tasks.

Mr. Kewal has successfully completed the project title "End to End Online Implementation of Water Billing System – for Urban Local Body" and the project is live at https://watersupply.shegaonnp.org/.

We would like to take this opportunity to thank him for all the contribution he has made in software development and related activities.

For Mastiff Solutions Private Limited.

MASTIFF SOLUTIONS PVT. LTD. AMRAVATI

Director
Mastiff Solutions Pvt Ltd

~~293~~ 610

Poornadwait Solutions Pvt. Ltd.

PSPL, Near Ambagate, Gandhi Chowk
Amravati, Maharashtra State, India

hr@poornadwait.com
www.poornadwait.com

(+91) 90281-222-44
(+91) 0721 - 2567437

Date: 12 July 2021

To whomsoever it May Concern

Ms. Komal Sureshrao Ingale a student of the Department of Master of Computer Application, P. R. Pote Patil College of Engineering and Management, Amravati, has undergone INDUSTRIAL TRAINING in this organization for a period of six months from 11 January 2021 to 12 July 2021.

During his/her training he/she has completed project work on **Project Sky Tours and Travels**. During his/her employment we found him/her to be professional, knowledgeable, and result-oriented with a theoretical & practical understanding of work requirements. We wish all the best in his/her future endeavor.

Mr. Ananta Jumble
Project Guide/Manager
Founder & CEO,
Poornadwait Solutions Pvt. Ltd.

Poornadwait Solutions Pvt. Ltd. Amravati

294 611

LitsBros Pvt. Ltd.

ISO Certified 9001:2015 Leading Achievers

Date: 14 July, 2021 Ref No. LIS/T/2021/77

TO WHOMSOEVER IT MAY CONCERN

This is to inform that **Mr.Mahesh Chavhan**, from **P.R. Pote College of Engineering & Management Amravati** successfully completed industrial training in our organization **LitsBros Pvt. Ltd.** started from 14 Jan 2021 to 14 July 2021 as a **Software trainee.** His duties included,

- Working in Web & Desktop development project of clients.
- Marketing and dealing with clients.
- Providing technical support to clients.

His sense of responsibility, maturity beyond his age in dealing with clients, understanding with team makes him universally acceptable and he gets along with all. His work output is positively influenced by his strength in communication and task-orientation. We wish him best in career ahead.

For more detail contact us at info@litsbros.com

Thank You & Regards,

LITSBROS PVT. LTD. AMRAVATI

Mr.Amit Sawarkar

C.E.O & HR

LitsBros Pvt. Ltd, Amravati

~~295~~ 612

Itorix Infotech

+91 9579335001
+91 9096456355

www.itorixinfotech.com
info@itorixinfotech.com

Date: 22/07/2021

TO WHOMSOEVER IT MAY CONCERN

This is to confirm that **Ms. Mayuri Dilip Gaydhani**, student of **P.R.Pote Patil Edu. & Welf Trust's Group of Institutions, College Engineering & Management, Amravati.** has been employee by the Itorix Infotech as Trainee Intern during from **January 1st, 2021 to June 30th, 2021.**

She has fulfilled her diverse task to our full satisfaction. Her performance with regard to the above-mentioned points is superior, and she cooperation with the project team without complaints.

During her assignment with the Project: **"Project Management CRM"**, she attended several training.

We thank and wish her success for her future.

Thanking You

For Itorix Infotech

Kartik Bhatpalliwar

Director - Itorix Infotech

S.No - 13/2, 201, Laxmi Building, NDA Pashan Road, Near Bank of Maharashtra, Bavdhan, Pune, Maharashtra - 411021.

613

ImagineScript
Solutions Private Limited
www.imaginescript.com

Date: 14 July, 2021

TO WHOMSOEVER IT MAY CONCERN

This is to inform that Mr. Mayur Sonar, from P.R. Pote College of Engineering & Management Amravati successfully completed industrial training in our organization ImagineScript Solutions Pvt. Ltd. started from **14 Jan 2021** to **14 July 2021** as a Software trainee.

His duties included,

- Working in Web development project of clients.
- Providing technical support to clients.

His sense of responsibility, maturity beyond his age in dealing with clients, understanding with team makes him universally acceptable and he gets along with all. His work output is positively influenced by his strength in communication and task-orientation. We wish him best in career ahead.

Regards,

For ImagineScript Solutions Pvt. Ltd.

IMAGINESCRIPT SOLUTIONS PVT. LTD. U72900 MH2013 PTC331448 AMRAVATI

Director

Mr. Kushal Dhole

Director

ImagineScript Solutions Pvt. Ltd

38, Pooja Colony, Farshi Stop,
Amravati - 444606,
Maharashtra.

+91-9890546711
+91-9960888217
hello@imaginescript.com

MEECOS INNOVATIONS PRIVATE LIMITED

ITI Road, Near AIMS Tutorial, Arvi Naka, Wardha.
CIN: U74999MH2017PTC297648
Head Office: +91-9665956577, +91-9579433119
E-mail : meecosinnovations@gmail.com, techhubsystem@gmail.com
Web site : www.techhubsystem.com

Ref. No. :- THS/2020-2021/527 Date:- 17/07/2021

To Whomsoever it May Concern

Ms. Mugdha Nitin Deshmukh a student of the Department of Master of Computer Application, P. R. Pote Patil College of Engineering and Management, Amravati has undergone INDUSTRIAL TRAINING in this organization for a period of six months from 15 January 2021 to 15 July 2021.

During his/her training he/she has completed project work on **Project Leaf Disease Prediction via Machine Learning**. During his/her employment we found him/her to be professional, knowledgeable and result oriented with theoretical & practical understanding of work requirements. We wish all the best in his/her future endeavor.

Er. P. S. Deshmukh
DIRECTOR
MEECOS Innovations Pvt. Ltd.
DIN 07672934

For- MEECOS Innovations Pvt. Ltd.

Copy to:

1. The Administrative Officer, MEECOS Innovations Pvt. Ltd.
2. Accounts Department, MEECOS Innovations Pvt. Ltd.
3. Establishment Section, MEECOS Innovations Pvt. Ltd.

298 615

LitsBros Pvt. Ltd.

ISO Certified 9001:2015 Leading Achievers

Date: 14 July, 2021 Ref No. LIS/T/2021/75

TO WHOMSOEVER IT MAY CONCERN

This is to inform that **Mr.Navanit Raut**, from **P.R. Pote College of Engineering & Management Amravati** successfully completed industrial training in our organization **LitsBros Pvt. Ltd.** started from 14 Jan 2021 to 14 July 2021 as a **Software trainee**. His duties included,

- Working in Web & Desktop development project of clients.
- Marketing and dealing with clients.
- Providing technical support to clients.

His sense of responsibility, maturity beyond his age in dealing with clients, understanding with team makes him universally acceptable and he gets along with all. His work output is positively influenced by his strength in communication and task-orientation. We wish him best in career ahead.

For more detail contact us at info@litsbros.com

Thank You & Regards,

LITSBROS PVT. LTD. AMRAVATI

Mr.Amit Sawarkar

C.E.O & HR

LitsBros Pvt. Ltd, Amravati

ISO : 9001:2015

Certificate No. : ITRC-21023

Certificate of Completion

This is to certify that

Pallavi Sanjay Divare

He / She attended and successfully completed the

Internship on Full Stack Web Development at **iTrons Technologies Pvt. Ltd.**

Internship is from **11th Jan 2021 to 28 June 2021** During this period of His / Her training Program with us

He/She was found punctual, hard working and inquisitive.

We wish Him / Her all success in His / Her career.

ROSHAN UKE
Director
ITRONS TECHNOLOGIES PVT. LTD.
CIN : U72200MH2019PTC319057

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www.itrons.in info@itrons.in 8411999967

300 617

dotcom

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Think ▸▸ Inovate ▸▸ Succeed
2nd Floor, Shetkari Bhawan
above SBI (ADB Branch), Old Cotton Market,
Amravati - (M.S.) India
Cell : 9823194885, 9823646168
email : info@dotcominfotech.co.in
visit : http://dotcominfotech.co.in

Date : 01/07/2021

COMPLETION CERTIFICATE

This is to certify that **Ms. Prajakta Tekam**, student of MCA Third Year Sem-VI, P. R. Pote(Patil) Education and Welfare Trust's, College of Engineering & Management, Amravati, is working as a student project trainee at dotcom Infotech Pvt Ltd. Amravati from January 2021 to June 2021. The Project titled **"Garden Management"** is being executed under the guidance of Mr. Dipak Pohekar. During the project, **Ms. Prajakta Tekam** has shown keen interest and she executed her work with sincerity.

For dotcom Infotech Pvt Ltd

Pohekar

Mr. Deepak Pohekar

Director

LitsBros Pvt. Ltd.

ISO Certified 9001:2015 Leading Achievers

Date: 14 July, 2021 Ref No. LIS/T/2021/71

TO WHOMSOEVER IT MAY CONCERN

This is to inform that **Miss. Radha Wagdarkar**, from **P.R. Pote College of Engineering & Management Amravati** successfully completed industrial training in our organization **LitsBros Pvt. Ltd.** started from 14 Jan 2021 to 14 July 2021 as a **Software trainee**. Her duties included,

- Working in Web & Desktop development project of clients.
- Marketing and dealing with clients.
- Providing technical support to clients.

Her sense of responsibility, maturity beyond her age in dealing with clients, understanding with team makes her universally acceptable and she gets along with all. Her work output is positively influenced by her strength in communication and task-orientation.

We wish her best in career ahead.

For more detail contact us at info@litsbros.com

Thank You & Regards,

LITSBROS PVT. LTD. AMRAVATI

Mr.Amit Sawarkar

C.E.O & HR

LitsBros Pvt. Ltd, Amravati

iB@se
Electrosoft
we think for you

Android Development | Web Development | Software Development | Consultation

Ref No. : iBaseEs/internship2021/05 **Date : 09/02/2021**

TO WHOM IT MAY CONCERN

To,

Head of the department
P.G. Department of Computer Application
Amravati-444601

Dear Sir/Mam

We're delighted to extend this offer of internship for the position of intern with iBase Electrosoft LLP.We offered six month internship to the student of your institute having name **Rakesh Vijay Rajote** with no stipend , His internship is going to start from 11/01/2021 to 11/06/2021.We are looking for her positive contribution towards the iBase Electrosoft LLP.

Thanking You

iBase Electrosoft LLP Id No. AAD-6062

Executive Director
iBase Electrosoft LLP.

dotcom

343 620

dotCOM Infotech Pvt. Ltd.
Think ▸▸ Inovate ▸▸ Succeed
2nd Floor, Shetkari Bhawan
above SBI (ADB Branch), Old Cotton Market,
Amravati - (M.S.) India
Cell : 9823194885, 9823646168
email : info@dotcominfotech.co.in
visit : http://dotcominfotech.co.in

COMPLETION CERTIFICATE

This is to certify that **Mr. Rushabh Deshmukh**, student of MCA Third Year Sem-VI, P. R. Pote(Patil) Education and Welfare Trust's, College of Engineering & Management, Amravati is working as a student project trainee at dotcom Infotech Pvt Ltd. Amravati from January 2021 to June 2021. The Project titled **"Guest House Management"** is being executed under the guidance of Mr. Dipak Pohekar. During the project, **Mr. Rushabh Deshmukh** has shown keen interest and she executed her work with sincerity.

For dotcom Infotech Pvt Ltd

Pohekar

Mr. Deepak Pohekar

Director

621

283

MAHA

CHANDRAPUR SUPER THERMAL POWER STATION, CHANDRAPUR

AN ISO 9001, 14001 & OHSAS 18001 UNIT

INDUSTRIAL TRAINING COURSE

This is to certify that

Mr./Mrs./Miss. Deepak Sukesh Nighot

student from P.R. Pote college of Engineering

and Management Amravati of Vi. [illegible]

has successfully completed industrial training course

Chandrapur Super Thermal Power Station

Chandrapur

from July to August

This certificate is issued to him/her for successfully completion

of Industrial Training with satisfactory performance.

CHIEF ENGINEER

CSTPS, CHANDRAPUR

304 622

iB@se
Electrosoft
we think for you

Android Development | Web Development | Software Development | Consultation

Ref No. : iBaseEs/internship2021/01 **Date : 23/07/2021**

TO WHOM IT MAY CONCERN

This is to be certify that Ms. Rutuja Sunil Wasu has successfully completed Six month internship program at iBase Electrosoft LLP from 11th January 2021 to 11th June 2021. During the period of her internship program with us she has found sincere, hardworking, technically sound, result oriented and inquisitive.

We wish her all the best for her bright future and every success in life.

Executive Director
iBase Electrosoft LLP.

Parmy Technologies

805623

Date:07/07/2021

INTERNSHIP CERTIFICATE

This is to certify that ***Ms. SAMIKSHA NAMDEORAO DAWANDE,*** student of P. R. Pote College of Engineering and Management, Amravati University (M.H) undergoing MCA has successfully completed her project work titled ***"Crime Analysis Mapping, Intrusion Detection – Using Data Mining"*** under my supervision during her internship period of 5 months from 8th February 2021 to 7th July 2021. During this project her performance was satisfactory.

Ms. Samiksha possesses a good moral character and professional personality. I wish her every success in her life.

Yours Sincerely,
For **PARMY TECHNOLOGIES PVT LTD**

G PARAMESH
(MANAGING DIRECTOR)

308 624

PIE π INFOCOMM

ISO CERTIFIED Registration no. UPSA28727715

CERTIFICATE OF COMPLETION

This internship certificate for brilliant and consistent high standards of workmanship signed this day by the duly authorized officers is proudly presented to

Ms. SHIVANI DAHAKE

For her successful completion of internship

PYTHON WITH ML

under Pie Infocomm Private Limited from 24th MARCH 2021 to 1st AUGUST 2021. It lead to the Completion of Project titled as "IPL ANALYSIS"

Vijay Kumar Jaiswal

306 625

LitsBros Pvt. Ltd.

ISO Certified 9001:2015 Leading Achievers

Date: 14 July, 2021 Ref No. LIS/T/2021/66

TO WHOMSOEVER IT MAY CONCERN

This is to inform that **Mr.Sanket Pempakwar**, from **P.R. Pote College of Engineering & Management Amravati** successfully completed industrial training in our organization **LitsBros Pvt. Ltd.** started from 14 Jan 2021 to 14 July 2021 as a **Software trainee.** His duties included,

- Working in Web & Desktop development project of clients.
- Marketing and dealing with clients.
- Providing technical support to clients.

His sense of responsibility, maturity beyond his age in dealing with clients, understanding with team makes him universally acceptable and he gets along with all. His work output is positively influenced by his strength in communication and task-orientation. We wish him best in career ahead.

For more detail contact us at info@litsbros.com

Thank You & Regards,

LITSBROS PVT. LTD. AMRAVATI

Mr.Amit Sawarkar

C.E.O & HR

LitsBros Pvt. Ltd, Amravati

367 626

casepoint

Date: 03-Jun-2021

To,
Placement Department,
P. R. Pote Patil Group of Educational Institutes,
Amravati.

This is to certify that **Saurabh Dhote** the student from the **P. R. Pote Patil Group of Educational Institutes** have carried out a **Agile Project Management (WeScrum)** in our Organization.

The below information is confidential by Intern's while submitting Project:

1. Any scientific or technical information, invention, design, process, procedure, formula, improvement, technology or method.

2. Any concepts, data, photographs, development tools, specifications, software programs, source code and databases.

3. Any other information which is related to the organization is completely confidential.

Thanks & Regards,

Rakesh Sarvaiya
Manager – Talent Acquisition
Casepoint Private Limited

CASEPOINT PRIVATE LIMITED SURAT

309 627

LitsBros Pvt. Ltd.

ISO Certified 9001:2015 Leading Achievers

Date: 14 July, 2021 Ref No. LIS/T/2021/72

TO WHOMSOEVER IT MAY CONCERN

This is to inform that **Miss. Shivani Jirapure,** from **P.R. Pote College of Engineering & Management Amravati** successfully completed industrial training in our organization **LitsBros Pvt. Ltd.** started from 14 Jan 2021 to 14 July 2021 as a **Software trainee.** Her duties included,

- Working in Web & Desktop development project of clients.
- Marketing and dealing with clients.
- Providing technical support to clients.

Her sense of responsibility, maturity beyond her age in dealing with clients, understanding with team makes her universally acceptable and she gets along with all. Her work output is positively influenced by her strength in communication and task-orientation.

We wish her best in career ahead.

For more detail contact us at info@litsbros.com

Thank You & Regards,

LITSBROS PVT. LTD. AMRAVATI

Mr.Amit Sawarkar

C.E.O & HR

LitsBros Pvt. Ltd, Amravati

Regd Office : LitsBros Pvt. Ltd. ,Behind Jawarkar Hospital Rathi Nagar ,Amravati 444603, INDIA Tel: 0721-2661012, 9503351933 , 9764782016.
Website : www.litsbros.com Mail : info@litsbros.com

310 628

ISO : 9001:2015

Certificate No. : ITRC-21028

Certificate of Completion

This is to certify that

Shivgauri Umesh Kubde

He / She attended and successfully completed the

Internship on Full Stack Web Development at **iTrons Technologies Pvt. Ltd.**

Internship is from **11th Jan 2021 to 28 June 2021** During this period of His / Her training Program with us

He/She was found punctual, hard working and inquisitive.

We wish Him / Her all success in His / Her career.

ROSHAN UKE
Director
ITRONS TECHNOLOGIES PVT. LTD.
CIN : U72200MH2019PTC319057

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TECHNOLOGIES PVT LTD
IT SERVICES, IT TRAINING & PLACE

www.itrons.in info@itrons.in 8411999967

629



ISO 9001:2015

Certificate No. : ITRC-21019

Certificate of Completion

This is to certify that

Snehal Ramrao Bundile

He / She attended and successfully completed the

Internship on Full Stack Web Development at iTrons Technologies Pvt. Ltd.

Internship is from **11th Jan 2021 to 28 June 2021** During this period of His / Her training Program with us

He/She was found punctual, hard working and inquisitive.

We wish Him / Her all success in His / Her career.

ROSHAN UKE
Director
ITRONS TECHNOLOGIES PVT. LTD.
CIN : U72200MH2019PTC319057

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TECHNOLOGIES PVT LTD
IT SERVICES | IT TRAINING & PLACEMENT

www.itrons.in info@itrons.in

312 630

LitsBros Pvt. Ltd.

ISO Certified 9001:2015 Leading Achievers

Date: 14 July, 2021 Ref No. LIS/T/2021/68

TO WHOMSOEVER IT MAY CONCERN

This is to inform that **Miss. Sneha Futane,** from **P.R. Pote College of Engineering & Management Amravati** successfully completed industrial training in our organization **LitsBros Pvt. Ltd.** started from 14 Jan 2021 to 14 July 2021 as a **Software trainee.** Her duties included,

- Working in Web & Desktop development project of clients.
- Marketing and dealing with clients.
- Providing technical support to clients.

Her sense of responsibility, maturity beyond her age in dealing with clients, understanding with team makes her universally acceptable and she gets along with all. Her work output is positively influenced by her strength in communication and task-orientation.

We wish her best in career ahead.

For more detail contact us at info@litsbros.com

Thank You & Regards,

LITSBROS PVT. LTD. AMRAVATI

Mr.Amit Sawarkar

C.E.O & HR

LitsBros Pvt. Ltd, Amravati

Regd Office : LitsBros Pvt. Ltd. ,Behind Jawarkar Hospital Rathi Nagar ,Amravati 444603, INDIA Tel: 0721-2661012, 9503351933 , 9764782016.
Website : www.litsbros.com Mail : info@litsbros.com

TO WHOMSOEVER IT MAY CONCERN

Scanned with CamScanner

LitsBros Pvt. Ltd.

ISO Certified 9001:2015 Leading Achievers

Date: 14 July, 2021 Ref No. LIS/T/2021/70

TO WHOMSOEVER IT MAY CONCERN

This is to inform that **Miss. Shweta Sharma**, from **P.R. Pote College of Engineering & Management Amravati** successfully completed industrial training in our organization **LitsBros Pvt. Ltd.** started from 14 Jan 2021 to 14 July 2021 as a **Software trainee.** Her duties included,

- Working in Web & Desktop development project of clients.
- Marketing and dealing with clients.
- Providing technical support to clients.

Her sense of responsibility, maturity beyond her age in dealing with clients, understanding with team makes her universally acceptable and she gets along with all. Her work output is positively influenced by her strength in communication and task-orientation.

We wish her best in career ahead.

For more detail contact us at info@litsbros.com

Thank You & Regards,

LITSBROS PVT. LTD. AMRAVATI

Mr.Amit Sawarkar

C.E.O & HR

LitsBros Pvt. Ltd, Amravati

~~314~~ 632

Poornadwait Solutions Pvt. Ltd.

PSPL, Near Ambagate, Gandhi Chowk
Amravati, Maharashtra State, India

hr@poornadwait.com
www.poornadwait.com

(+91) 90281-222-44
(+91) 0721 - 2567437

Date: 12 July 2021

To whomsoever it May Concern

Ms. Sunaina Pohare a student of the Department of Master of Computer Application, P. R. Pote Patil College of Engineering and Management, Amravati, has undergone INDUSTRIAL TRAINING in this organization for a period of six months from 11 January 2021 to 12 July 2021.

During his/her training he/she has completed project work on **Project Sky Tours and Travels.** During his/her employment we found him/her to be professional, knowledgeable, and result-oriented with a theoretical & practical understanding of work requirements. We wish all the best in his/her future endeavor.

Mr. Ananta Jumble
Project Guide/Manager
Founder & CEO,
Poornadwait Solutions Pvt. Ltd.

Poornadwait Solutions Pvt. Ltd. Amravati

३१५ ६३३

dotcom

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Think ▸▸ Inovate ▸▸ Succeed
2nd Floor, Shetkari Bhawan
above SBI (ADB Branch), Old Cotton Market,
Amravati - (M.S.) India
Cell : 9823194885, 9823646168
email : info@dotcominfotech.co.in
visit : http://dotcominfotech.co.in

COMPLETION CERTIFICATE

This is to certify that **Mr. Shivdas Laxman Pendor**, student of MCA Third Year Sem-VI, P. R. Pote(Patil) Education and Welfare Trust's, College of Engineering & Management, Amravati is working as a student project trainee at dotcom Infotech Pvt Ltd. Amravati from January 2021 to June 2021. The Project titled **"RTI Management"** is being executed under the guidance of Mr. Dipak Pohekar. During the project, **Mr. Shivdas Laxman Pendor** has shown keen interest and she executed her work with sincerity.

For dotcom Infotech Pvt Ltd

Pohekar

Mr. Deepak Pohekar

Director

316 634

iB@se Electrosoft
we think for you

Android Development | Web Development | Software Development | Consultation

Ref No. : iBaseEs/internship2021/03 **Date : 23/07/2021**

TO WHOM IT MAY CONCERN

This is to be certify that Ms. Vaishnavi Rameshwar Tawalare has successfully completed Six month internship program at iBase Electrosoft LLP from 11th January 2021 to 11th June 2021. During the period of her internship program with us she has found sincere, hardworking, technically sound, result oriented and inquisitive.

We wish her all the best for her bright future and every success in life.

Executive Director
iBase Electrosoft LLP.

MMU
MULTIMEDIA UNIVERSITY

Certificate of Achievement

This is to certify that

PALLAVI PANDA, CAREN JHOY P. TUFAY, MAURA PUTRI CAMYLA , PIYUSH VYAS, ANISHA SAHU

has been awarded the **SILVER AWARD** in the

INTERNATIONAL BUSINESS IDEA CHALLENGE (IBIC 2020)

in recognition for the excellent and innovative efforts for the idea entitled

JoyWorks Enterprise- Food Hut and Gift Shop

IYSEC
International Young Social Entrepreneurs Competition

GLOBAL ENTREPRENEURSHIP WEEK
OFFICIAL ACTIVITY

7 – 9 December 2020

Organised by:
Faculty of Business

Co-organised by:
Entrepreneurship Development Centre

Strategic Partner:
ICAEW

ASSOC. PROF. TS. DR. GERALD GOH GUAN GAN
Dean, Faculty of Business

DR. ONG JEEN WEI
Director, Entrepreneurship Development Centre

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317 635

3.4.1 MBA 2020-21

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MULTIMEDIA UNIVERSITY

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BGU
BIRLA GLOBAL
UNIVERSITY

UNIVERSITAS PAKUAN

Certificate of Achievement

This is to certify that

PIYUSH PRAMOD VYAS
P.R. POTE PATIL COLLEGE OF ENGINEERING & MANAGEMENT, INDIA

GLOBAL
ENTREPRENEURSHIP
WEEK
OFFICIAL EVENT

2018

has successfully completed the International Student e-Exchange Programme with the theme 'Making an Impact via Social Innovations' jointly organised by Multimedia University, Universitas Mercu Buana, Birla Global University and Universitas Pakuan from 8th to 22nd November 2020.

636

ssoc. Prof. Ts. Dr Gerald Goh Guan Gan, MA., MBIT.
Dean, Faculty of Business
Multimedia University, Malaysia

Dr. Ponco Budi Sulistyo, MComn.
Dean, Faculty of Communication Science
Universitas Mercu Buana, Indonesia

Prof. Dr. Parameswar Nayak, MSW., PGD-PMIR
Dean, Birla School of Management
Birla Global University, India

Dr. Hendro Sasongko, Ak., MM., CA
Dean, Faculty of Economics
Universitas Pakuan, Indonesia

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UNIVERSITAS
MERCU BUANA

BGU
BIRLA GLOBAL
UNIVERSITY

UNIVERSITAS PAKUAN

Certificate of Achievement

This is to certify that

RUTUJA JAGDISH DESHMUKH
P.R. POTE PATIL COLLEGE OF ENGINEERING & MANAGEMENT, INDIA

GLOBAL
ENTREPRENEURSHIP
WEEK
OFFICIAL EVENT

has successfully completed the International Student e-Exchange Programme with the theme 'Making an Impact via Social Innovations' jointly organised by Multimedia University, Universitas Mercu Buana, Birla Global University and Universitas Pakuan from 8th to 22nd November 2020.

ssoc. Prof. Ts. Dr Gerald Goh Guan Gan, MA., MBIT.
Dean, Faculty of Business
Multimedia University, Malaysia

Dr. Ponco Budi Sulistyo, MComn.
Dean, Faculty of Communication Science
Universitas Mercu Buana, Indonesia

Prof. Dr. Parameswar Nayak, MSW., PGD-PMIR
Dean, Birla School of Management
Birla Global University, India

Dr. Hendro Sasongko, Ak., MM., CA
Dean, Faculty of Economics
Universitas Pakuan, Indonesia

219 637

MMU
MULTIMEDIA UNIVERSITY

Certificate of Achievement

This is to certify that

P.S ANANYA, MUHMAMMAD PANDU ARIANE, RUTUJA JAGDISH DESHMUKH

has been awarded the **SILVER AWARD** in the

INTERNATIONAL BUSINESS IDEA CHALLENGE (IBIC 2020)

in recognition for the excellent and innovative efforts for the idea entitled

Tire Bag

IYSEC
International Young Social Entrepreneurs Competition

GLOBAL ENTREPRENEURSHIP WEEK
OFFICIAL ACTIVITY

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ASSOC. PROF. TS. DR. GERALD GOH GUAN GAN
Dean, Faculty of Business

DR. ONG JEEN WEI
Director, Entrepreneurship Development Centre

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MERCU BUANA

BGU
BIRLA GLOBAL
UNIVERSITY

UNIVERSITAS PAKUAN

Certificate of Achievement

This is to certify that

SWAPNIL SANJAY RAI
P.R. POTE PATIL COLLEGE OF ENGINEERING & MANAGEMENT, INDIA

GLOBAL
ENTREPRENEURSHIP
WEEK
OFFICIAL EVENT

has successfully completed the International Student e-Exchange Programme with the theme 'Making an Impact via Social Innovations' jointly organised by Multimedia University, Universitas Mercu Buana, Birla Global University and Universitas Pakuan from 8th to 22nd November 2020.

soc. Prof. Ts. Dr Gerald Goh Guan Gan, MA., MBIT.
Dean, Faculty of Business
Multimedia University, Malaysia

Dr. Ponco Budi Sulistyo, MComn.
Dean, Faculty of Communication Science
Universitas Mercu Buana, Indonesia

Prof. Dr. Parameswar Nayak, MSW., PGD-PMIR
Dean, Birla School of Management
Birla Global University, India

Dr. Hendro Sasongko, Ak., MM., CA
Dean, Faculty of Economics
Universitas Pakuan, Indonesia

24 639

MMU®
MULTIMEDIA UNIVERSITY

Certificate of Achievement

This is to certify that

SWAPNIL RAI, VIRA PRANJA CANTIKA,
REDDY KAVITHA KANAGARAJ VIJAYALAKSHMI,
MAHK YUDHIN AZIZ, SUKANYA SAKKIOW

has been awarded the **BRONZE AWARD** in the

INTERNATIONAL BUSINESS IDEA CHALLENGE (IBIC 2020)

in recognition for the excellent and innovative efforts for the idea entitled

Potters Up Grade

IYSEC
International Young Social Entrepreneurs Competition

GLOBAL ENTREPRENEURSHIP WEEK
OFFICIAL ACTIVITY

7 – 9 December 2020

Organised by:
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ICAEW

DR. ONG JEEN WEI
Director, Entrepreneurship Development Centre

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P. R. Pote (Patil) Education & Welfare Trust's Group of Institutions College of Engg. & Management, Amravati

Index

Session 2020-21

3.4.2 Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

Sr.No.	Particulars	Page Number
1	AQAR Cover Page	641-642
2	Electrical Engineering	643-660
3	Computer Engineering	661-667
4	Electronics & Telecommunication Engineering	668-674
5	Mechanical Engineering	675-676
6	Civil Engineering	677-680

3.4.2. QnM

Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

3.4.2.1. Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Year	2020-21
Number	05

Data requirement for year : (As per Data Template)

Organisation with which MoU is signed	Name of the institution / industry/ corporate house	Year of signing MoU	Duration	List the actual activities under each MOU year wise	Number of students /teachers participated under MoUs
Electrical Department.					
KWattSol .Pvt.Ltd.(KSPL), Bombay.	**Department of Electrical Engineering, PRPCEM, Amravati**	**15/01/2021**	**One Year**	**1] Solar Workshop Phase I 2] Solar Workshop Phase II**	**93 99**
Computer Department					
Multimedia University Malasiya	P. R. Pote Patil College of Engineering & Management, Amravati	2019-20	Three Year	1) Embracing IoT & AI for Industry 4.0 2) International student e-Exchange Programme on Making an Impact via Social Innovations	1) 43 2) 15

EXTC Department					
MDB Electrosoft, Amravati	P. R. Pote Patil College of Engineering & Management, Amravati	14/06/2021	**Three Year**	**Nil**	
WebAkruti	P. R. Pote Patil College of Engineering & Management, Amravati	23/06/2021	**Three Year**	**Nil**	
Mechanical Engineering Department.					
Indian Biodiesel Corporation Baramati	P. R. Pote Patil College of Engineering & Management, Amravati	16/01/2016	**Seven Year**	**Nil**	
Civil Engineering.					
Ubixa Traning Insitute Shree Trading Company	P. R. Pote Patil College of Engineering & Management, Amravati	01/01/2021	**One Year**	**Nil**	

File Description:

- e-Copies of the MoUs with institution./ industry/corporate houses
- Any additional information
- Details of functional MoUs with institutions of national, international importance, other universities etcduring the year

****

325 643

3.4.2 Electrical Engg
2020 - 21

To,

The Principal.

PRPCEM,

Amravati.

Subject: Proposal for MOU…….

Respected Sir,

Government of India launched the Jawaharlal Nehru National Solar Mission under which, the target is now to generate 100,000 MW of Solar Power in India and also MNRE (Ministry of New and Renewable Energy) has envisioned this target to be achieved by the year 2022. There is an estimated requirement of 3,00,000 skilled solar professionals comprising of multiple skill set ranging from research, design, engineering, installation, operation and maintenance, sales and marketing. Currently, the number of skilled solar technicians in India is approximately 40,000. There is an urgent need to empower people with solar.

Considering this we the undersigned, from department of Electrical Engineering would like to organize Solar Training programmes for students by signing MOU with KSPL (Kwatt solution private limited) Mumbai. The signing amount which is valid for one year is 20,000/- only.

We request you to kindly sanction the said signing amount so that maximum students of our institute will get benefitted from these online trainings.

Proposal for the same is attached herewith.

Thanking you,

Dr.A.S.Telang
(Academic I/C)

Prof.D.A.Shahakar
(HOD)

H.O.D. (Elect. Dept.)
P.R.Pote (Patil) College of Engg. & Management
Amravati.

Date: 2/12/2020

~~326~~ 644

Solar PV Technology with PVsyst (2-Days) course using PVsyst Software program which will cover the following topics:

DAY 1&DAY 2

Sessions	(Hrs.)	Topics
Session 1(Theory)	10 Min	Introduction to PVsyst Software
Software installation	10 min	**Installation of PVsyst Software**
Session 2 (Theory)	60 min	**Simulation Software PVsyst & PV System Design** • Study of PVsyst simulationsoftware • Basics of simulation tools • Concepts of PV SystemDesign • Design a Solar Power Plant to light/power yourown house/College
Case study	10 min	**Case study from the Previous session**
Session 3 (Theory)	60 min	**System Designing tools usage & Understanding** • Understand the system design using simulationtool • Detailed loss analysis withPVsyst • Hands on experience to determine PV size, Inverter &Battery Capacity usingtool
Case study	10 min	**Case study from the Previous session**
Session 4 (Theory)	60 min	**Shadow analysis and generation of final report** • Near shadow analysis, final energy generation andfinal report Analysis • How to avoid shadowedarea? • Estimation of monthly power generation and financialsavings • Analyzing the final generatedreport.

H.O.D. (Elect. Dept.)
P.R. Pote (Patil) College of Engg. & Management
Amravati.

~~327~~ 645

MEMORANDUM OF UNDERSTANDING

Between

kWatt Solutions Pvt. Ltd

Eastern Business District, Lal Bahadur Shastri Road, Bhandup West,
Mumbai, Maharashtra 400078
Registered under the companies
Act, 1956(No. 1 of 1956)

(Referred to as "kSPL "in the following)

And

P.R.Pote (Patil) College of Engineering and Management

Kathora Road, Near Gajanan Township, Amravati 444602

Together referred to as "the parties"

Preamble:

KWatt SOLUTIONS PVT. LTD. (kSPL): Incubated with Society for Innovation & Entrepreneurship (SINE), IIT-Bombay that perform designing, engineering, installation and after-sales service of solar laboratory systems, solar energy products and other energy saving solutions, customized for specific applications (domestic to commercial) and training to the students and faculties in Solar energy field.

P.R.Pote (Patil) College of Engineering and Management: Group of Educational Institutes Amravati, is a foremost name in higher education in Maharashtra. Since its inception, the trust has been successfully conducting undergraduate and post graduate courses in emerging areas. It has 10 institutes under one roof. The Group offers undergraduate as well as post graduate courses in various disciplines of Engineering, Management and Technology. Various courses offered by the Group include ME, BE, MBA, MCA, Phatmacy, Architecture, Agriculture, B. Arch, B.Ed., CBSE Schooling, Polytechnic. By the blessings of Shri Sant Gajanan Maharaj, We aim at developing a pursuit of knowledge in Students, commitment to Economic, Social &Cultural uplifting of masses. The Institute highly believes in nurturing ethics and moral values in students. The P. R. Pote (Patil) Group has its branches at Amravati & Talegaon. We realize that education is the basis for the complete development of individual and for this purpose we have dedicated teaching staff, Digital Classrooms, Sophisticated Equipments, Wi-Fi campus, Finishing School, Placement Cell, State-of-Art Auditorium, Well Equipped Laboratories, Classrooms, International Quality.

KWatt Solutions Private Limited Mumbai

H.O.D. (Elect. Dept.)
P.R.Pote (Patil) College of Engg. & Management
Amravati.

Effective Date and Term:

The MOU is effective from 15th January 2021 to 14th January 2022 for a period of 1 year.

Confidentiality:

The parties will disclose information of both commercial and technical nature. The information will be disclosed orally, on tangible data or information carriers (e. g. written documents or drawings), electronically (e. g. in the form of electronic files or programs) or by submitting objects (e. g. machinery, mechanical or electronic components or assemblies). This information may contain trade secrets of significant business importance. This information is considered confidential and will be referred to as "Confidential Information" in the following.

kSPL and shall not use the disclosed Confidential Information other than for carrying out the purpose of this MoU. In particular, they agree not to communicate or disclose the Confidential Information to any third party, use the Confidential Information as a subject for developments of their own, and not to use the Confidential Information to enhance their own products, use the Confidential Information as the subject of applications for intellectual property rights and use the Confidential Information to oppose applications for intellectual property rights of the disclosing party. Furthermore, the parties agree to treat the content of this MoU as confidential towards any other party.

kSPL and shall make accessible Confidential Information (in particular copies of written documents containing Confidential Information and Confidential Information stored on data carriers or submitted objects) only to those employees and consultants

who are involved in implementing the purpose of this MoU and need the Confidential Information for carrying out their associated tasks.

On these persons the secrecy obligations of this Confidentiality Agreement shall be imposed, even beyond their employment or contractual relationship.

The obligation of confidentiality and restrictions of use no longer apply if and as soon as the Confidential Information is or becomes public knowledge without breach of this Confidentiality Agreement (including the disclosure by the disclosing party to a third party without obligation of confidentiality) or the recipient can prove to have been in possession of the Confidential Information prior to receiving the information from the disclosing party; in this case, the recipient should inform the disclosing party of such prior knowledge, or the Confidential Information has lawfully been disclosed to the recipient by a third party without obligation to treat the information as confidential, or the recipient realized or acquired the Confidential Information independently of the disclosing party, or a court or an administrative or government

Kwali Solutions Private Limited Mumbai

H.O.D. (Elect. Dept.)
P.R.Pote (Patil) College of Engg. & Management
Amravati.

H.O.D. (Elect. Dept.)
P.R.Pote (Patil) College of Engg. & Management
Amravati.

Advisory Board - Partners



Mr. Vaman Kuber

- B.Tech, IIT Bombay; M.Tech, IISc; M. Info. Sc. UNSW, Sydney
- 40 years of experience in Design and integration of electronics and embedded systems in India and Australia
- Design, monitoring & characterization equipment for solar cells & modules at UNSW, Sydney
- 10 years in Solar Equipment Designing



Mr. G J Girase

- MBA; LLB, Mumbai University; MA
- Ex-Finance Director, *Mahagenco*
- 35 years of experience in Government Policy decisions
- Expert in Government Policy and Legal Frameworks
- Oversaw Execution of 125 MW Solar Power Plant



Mr. Bikash Kumar

- M. Tech – IIT Madras
- Ex-Vice President, *Lanco / Moser-Baer*
- More than 25+ years of experience in Solar Industry
- Execution of 200+ MW Solar Power Plant
- Setup first Module manufacturing line for *TATA-BP Solar*

P.R.Pote (Patil) College of Engg. & Management
H.O.D. (Elect. Dept.)
Amravati.

kWatt Solutions Pvt. Ltd.
economising renewables

880 648

Vision & Mission

"We aim to provide cost-effective renewable energy solutions by technological customization and process enhancements"

"Our goal is to train and develop a network of professionals, spreading solar awareness and meeting energy requirements of the country"

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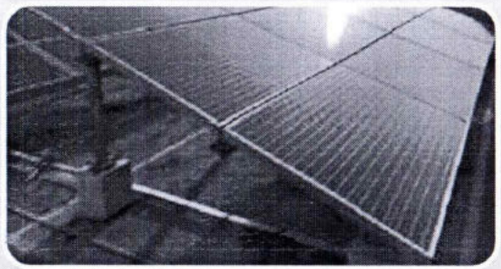
P.R.Pote (Patil) College of Engg. & Management
Amravati.

kWatt Solutions Pvt. Ltd.
economising renewables

Experience and Achievements

S-Rooftop

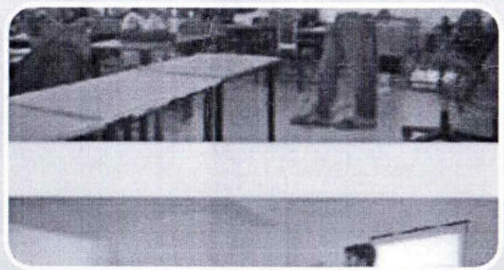


Combined Design and consultancy experience of more than 100MWp

Successful installation of more than 500 kW capacity solar power plants

Ongoing installation and work order for total ~5 MW capacity power plants

S-SparQ



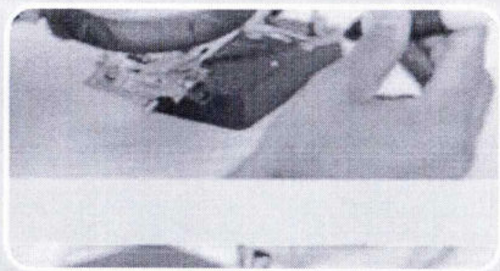
Trained 5,000+ students, 1,000+ faculties and 100+ professionals for solar sector

Have presence in more than 5 states and covered 100+ colleges

Affiliated with MNRE to conduct SuryaMitra training program

Has 15 training centers Affiliated under Skill Council

S-Lab



Provided complete lab setups for 8 institutions

Setting up center of excellence in different locations, facilitating learning sessions

Set –up Solar PV lab facility at IIT Bombay

Received award for Outstanding contribution in training 2017 by Skill Council For Green Jobs

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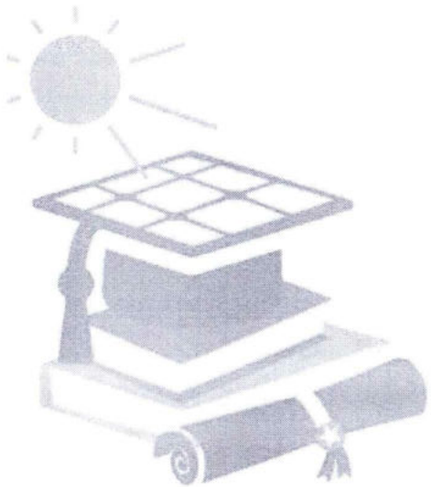
P.R. Pote (Patil) College of Engg. & Management
Amravati.

Vatt Solutions Pvt. Ltd.
onomising renewables

882 650

S-SparQ

Enlightening minds through customized solar training programs



- Customized solar workshops by kSPL team for students and professionals across India
- Vision to make students "solar smart"
- A healthy mix of theory and practicalcourses aiming towards solar skill development
- Official training partner with Skill Council for Green Jobs, MSDE, Govt. of India

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R. Pote (Patil) College of Engg. & Management
Amravati.

kWatt Solutions Pvt. Ltd.
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Clientele Snapshot

NISE
National Institute of Solar Energy

भारतीय प्रौद्योगिकी संस्थान हैदराबाद
Indian Institute of Technology Hyderabad

GNIT

JW MARRIOTT

GNI GURU NANAK INSTITUTE OF TECHNOLOGY

Nirmayee
Nature Cure Centre

SEVEN RAYS NET METERING PVT. LTD.

JP INFRA

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY

PT. RAVISHANKAR SHUKLA UNIVERSITY, RAIPUR

COIMBATORE INSTITUTE OF TECHNOLOGY

And Many more

योग: कर्मसु कौशलम्

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D.R. Pote (Patil) College of Engg. & Management
Amravati.

Solutions Pvt. Ltd
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How do you help the environment:

For every 100 kW of Solar on your roof, you reduce emissions equivalent to

- 126 tons of CO_2 every year
- Planting 6,000 mature trees

kWatt Solutions Pvt. Ltd.

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..R.Pote (Patil) College of Engg. & Management
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~~326~~ 654

"Shri Gajanan Maharaj Prasanna"

P. R. Pote Patil Edu. & Welf. Trust's, Group of Institutions,
College of Engineering & Management, Amravati
(Recognized by AICTE, New Delhi, DTE, Mumbai & Affiliated to SGBAU, Amravati)
Pote Estate, Pote Patil Road, Kathora, Amravati. (Maharashtra)
Ph. No. 0721-2530342, 44, 2530089 Fax No. : 0721-2530341
Email : prpotepatilcollege@gmail.com

Date:25-1-2021

To,
kWatt Solution Pvt.Ltd,

Mumbai

Respected Sir,

We would like to express our deep sense of gratitude towards you, for training our students for two days workshop on**"Solar workshop for making students Solar Smart"**on21 and 22 January 2021 via Google meet.

The session was extremely appreciated by all the participants. They have enjoyed and gained insight of solar system through virtual industrial visit which was arranged on the second day. We would like to express our sincere thanks for your kind association with PRPCEM IEEE student branch and Department of Electrical Engineering.

We also look forward for your valuable guidance and kind cooperation in many more such programmes, coming up in the future.

Thanking you,

Yours faithfully,

Dr.A.S.Telang
PRPCEM IEEE SB counsellor

Prof. D.A.Shahakar
HOD. EE Dept.

H.O.D. (Elect. Dept.)
P.R.Pote (Patil) College of Engg. & Management
Amravati.

"Shri Gajanan Maharaj Prasanna"

P. R. Pote Patil Edu. & Welf. Trust's, Group of Institutions,
College of Engineering & Management, Amravati
(Recognized by AICTE, New Delhi, DTE, Mumbai & Affiliated to SGBAU, Amravati)
Pote Estate, Pote Patil Road, Kathora, Amravati. (Maharashtra)
Ph. No. 0721-2530342, 44, 2530089 Fax No. : 0721-2530341
Email : prpotepatilcollege@gmail.com

Date:13-05-2021

To,
Mr. Santosh Yadav

And

Mr.Yajas Modi

kWatt solutions Pvt. Ltd.,

Mumbai.

Respected Sir,

We would like to express our deep sense of gratitude towards you, for conducting Solar workshop for our students from 8/5/2021 to 9/5/2021 on Goole meet platform.

The session was extremely appreciated by all the participants. We would like to express our sincere thanks for your kind association with PRPCEM IEEE student branch and Department of Electrical Engineering.

We also look forward for your valuable guidance and kind cooperation in many more such programmes, coming up in the future.

Thanking you,

Yours faithfully,

Dr.A.S.Telang
PRPCEM IEEE SB counsellor

Prof. D.A.Shahakar
HOD. EE Dept.

H.O.D. (Elect. Dept.)
P.R. Pote (Patil) College of Engg. & Management
Amravati.



H.O.D. (Elect. Dept.)
P.R.Pote (Patil) College of Engg. & Management
Amravati.

kWatt Associations

IIT Bombay
SINE
Business Incubator

Government of India
MNRE

NISE
National Institute of Solar Energy

सत्यमेव जयते
GOVERNMENT OF INDIA
MINISTRY OF SKILL DEVELOPMENT
& ENTREPRENEURSHIP

N·S·D·C
National
Skill Development
Corporation
Transforming the skill landscape

SCGJ
SKILL COUNCIL FOR
GREEN JOBS

Skill India
कौशल भारत - कुशल भारत

We have **featured** in:

ET
Inc42 MAGAZINE
SOLAR TODAY
YOUR STORY | INSPIRE INNOVATE IGNITE
NextBigWhat
inter solar
Solar Mango
#1 Solar Guide

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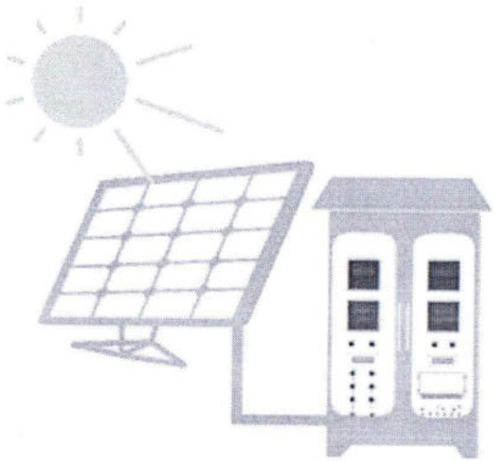
Amravati.

S-Lab

Comprehensive state-of-the-art solar laboratory equipment for hands-on training



- Handcrafted to perfection by the in-house R&D team, for students, professors and researchers alike
- Equipped with the latest data acquisition methods for ease of analysis
- Eg. Solar Tracking, PV System Losses, Module Technology Training etc.

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P.R. Pote (Patil) College of Engg. & Management
Amravati.
kWatt Solutions Pvt. Ltd.
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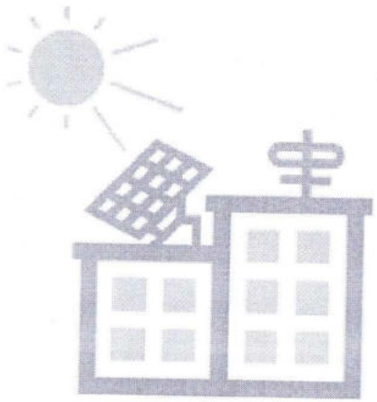
S-Rooftop

A unique pay by use financial model to solarize the rooftops



- CAPEX and BOT financial models ensuring a win-win situation
- Lower tariff compared to conventional electricity
- Guaranteed returns for the investor over the period of the agreement

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Amravati.

kWatt Solutions Pvt. Ltd.
economising renewables

Our Offerings

S-Rooftop

Clean and green energy by solarizing the rooftops in an efficient, cost-effective and technologically advanced manner

S-SparQ

Training in the field of Solar Energy from basics to advanced levels for students, professionals and organizations alike

S-Lab

Empowering people with solar through practical hands on training using the state-of-the-art laboratory setups developed by kSPL

kWatt Solutions Pvt. Ltd.
H.O.D. (Elect. Dept.)
P.R. Pote (Patil) College of Engg. & Management

About Us

- kSPL is incubated at the renowned Society for Innovation and Entrepreneurship, IIT-Bombay
- Founded in 2013 by Dr. Chetan Singh Solanki – Professor, IIT Bombay, the company boasts a combined solar experience of more than 60 years
- Our management team comprises of dedicated and enthusiastic IIT'ians along with experienced solar professionals.
- We are supported by industry experts with deep knowledge and field experience in solar sector as our advisory board members

kWatt Solutions Pvt. Ltd.
economising renewables
P.R. Pote (Patil) College of Engg. & Management Amravati.

Founder And Chairman



Dr. Chetan Singh Solanki
Professor,
Department of Energy Science and Engineering, IIT Bombay

11+ Patents, 4 PV focused books & 40+ Publications

- **PhD** in Solar Cell Fabrication, IMEC Belgium; MTech, IIT-Bombay.
- **Principle Consultant, 150+ MWp (INR 1500 Crore)** Solar Power Plant
- Advisory committee member, Implementation strategy for **2.5 GWp Solar Power Plant Installation**, Government of Maharashtra

महाराष्ट्र शासन

- Principal Investigator, National Centre for Photovoltaic Research and Education **(NCPRE), INR 47.5 Crore**, sponsored by MNRE

NCPRE

- Principal Investigator, Million Solar Urja Lamp project, **INR 500 Crore**, sponsored by National Clean Energy Fund, **MNRE, Govt. of India.**
- Principle Consultant, **25 MWp** Battery Backed Solar Power Plant, Andaman and Nicobar Islands, Flagship Project of **Govt. of India.**

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kWatt Solar Pvt. Ltd.
economising renewables

authority requests the recipient to disclose the Confidential Information or the recipient must disclose it pursuant to applicable laws.

Miscellaneous:

If any term of this MOU is or becomes invalid in total or in part, this shall not have any effect on the validity of the remaining terms of this MOU. In such a case, the parties shall cooperate to agree on a new provision that is as close to the invalid provision in economic terms as legally admissible.

All terms agreed between kSPL and relating to the subject of this MOU has been recorded in writing. There are no further oral provisions made. Any amendment to this MOU must be made in writing to be valid. Any waiver of this written form requirement must be made in writing.

For kWatt Solutions Pvt. Ltd.

Authorized Signatory

Director

kWatt Solutions Private Limited Mumbai

Representative Name

Mr. Yajas Modi

(Assistant Marketing Manager)

For P.R.Pote (Patil) College of Engineering & Management, Amravati

Authorized Signatory

Principal

P. R. Pote (Patil) College of Engineering & Management Amravati

P.R. Pote (Patil) Education & Welf. Trust Group of Inst. Code-1107 Amravati

Prof. D.A. Shahakar

(HOD Electrical Engineering)

H.O.D. (Elect. Dept.)

P.R.Pote (Patil) College of Engg. & Management

Amravati.

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Purpose of this MEMORANDUM OF UNDERSTANDING

To enhance the quality of educational experience for students, researchers as well as faculties.

To create awareness and to encourage students for innovation.

To expertise people in the field of upcoming Solar generations

Make skilled engineers for huge careers opportunities in the different fields.

Share new research and developments, Innovations, Applications, Career opportunities

Essential Terms of MOU:

Solar PV Technology with PVsyst Training Program

College name will arrange following training program for students which will be conducted and performed by KSPL.

Scope of Work for Solar Training

- Mode of training will be Online, kSPL will be sending a joining link to the college.
- The Finance for this Solar PV Technology course for the students shall be taken care by college themselves.
- In this 1 year KSPL will be conducting 2 sessions with P.R.Pote (Patil) College of Engineering and Management & the commercial would be 20,000/- INR for entire 1 year.
- Payment shall be transferred from college to KSPL through NEFT before training starts.
- In 1 Online training session 95 to 97 students will be allowed.
- Before 1st Online course College will transfer 10,000/- to KSPL and rest will be transferred later when 2nd Online course will be decided accordingly
- Here is the mentioned bank details

Find our New bank details of Bank of Baroda for your reference-

Name - kWatt Solutions Private Limited

A/C No- 70080500000057

IFSC Code- BARB0DBBMMO

MICR Code- 400012217

Bank Name- Bank Of Baroda

Branch address - Bank Of Baroda Mumbai Main Office,

D.17 Horniman Circle Nanji Building 400023

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Amravati.

Sessions	(Hrs.)	Topics
Session 1(Theory)	45 Min	• Solar Energy Scenario in India & JobOpportunities • Basics of Solar Photo Voltaic Technology(PV)
Session 2 (Theory)	60 min	**Study of Solar PV Components & Types of Solar Cell** • What is Solar cell, Module and how it ismade? • Study of different components of off-grid and Grid connected solar PV system • Study of different types of Solar PVSystem
Session 3 (Theory)	60 min	**System Designing** • System designing of Off-Grid and Grid-Connected Solar PV System using Excel sheet • Understanding of Off-Grid & Grid-connected solar PVsystem
Session 4 (Theory)	45 min	**Electricity Bill Analysis & Calculation** □ Electricity Bill analysis, Load calculation & solar arrayformation □ Advantage and disadvantages of Grid ConnectedPlant □ Study of factors to decide solar module andinverter

CERTIFICATION POLICY

Certificates will be issued by kWatt SINE IITB

STANDARD TERMS & CONDITIONS:

1. Venue: Online Sessions via Video conferencing application.
2. Computers: Students can attend the training from there Mobiles, Computer & laptops.
3. Payment: Online Payment should be done in name of "kWatt Solutions Private Limited"
4. Taxes: The fees is inclusive of all taxes
5. Content: Course content will be provided to the students/Institute on the last day of the training sessions.
6. Teaching Methodology: The Program will be based on Online Lecture/Presentation including videos for better understanding

PVSYST
PHOTOVOLTAIC SOFTWARE

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Proposal for MOU with Kwatt Solutions PVT. (KSPL), Mumbai.

Motivation: India is not rich in conventional fuels like oil, gas and nuclear. Our dependence on import of these fuels and ever-increasing prices makes the electricity unreliable and expensive. There is need to demonstrate and practice alternative electricity solutions which are environment friendly, and, more importantly, cost-effective. With advancement in solar Photovoltaic technologies and significant reduction in the prices, solar electricity, even today in many sectors, is an economically viable alternative to grid electricity.

About KSPL:

kSPL is company founded by Dr. Chetan Singh Solanki (12+solar patents, 4+books, 40+solar publications) an IITB Professor in the Department of Energy Science and Engineering. Initiated in September 2013, kSPL is a technology-driven company with a vision to "solarize" the future of India and economize renewables. With the expertise of a strong core team comprising of IIT Bombay graduates, kSPL offers customized comprehensive solar energy solutions right from design and engineering to installation and maintenance with in-house training for people in the solar industry.

kSPL is dedicated to train more than thousands of Engineers in Solar Field to meet the requirement of Nation Solar Mission., kSPL with zeal of "Making Student Solar Smart" initiated "Solar SparQ" –Solar Smart Certification Programs.

They offer numerous opportunities to learn more about every aspect of solar technology, through concurrent sessions and pre- and post-conference workshops, attendees can learn about everything from PV system design to technology patenting to solar system marketing.

S-SPARQ PROGRAM(S) STUDENTS WILL HAVE ABILITYTO

- Use Industry Based SimulationSoftware
- Develop Industry OrientedInnovativeGadgets/Products
- Develop Technology & EntrepreneurialSkills
- Work on IndustryDesignedProjects (IDPs)
- Think Out-of BoxIdeas

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Amravati.

Solar Workshop Attendence.

Sr. No.	Timestamp	Email Address	First Name	Last Name	Whatsapp No	Year	College Name	Branch
1	1-15-2021 19:42:59	nandinisonar181@gmail.com	Nandini	Sonar	9970310507	3	P R Pote Patil College of Engineering & Management, Amravati	EE
2	1-15-2021 19:52:33	vinaybhartiya2688@gmail.com	Vinay	Bhartiya	7774876260	4	HVPM COET AMRAVATI	ME
3	1-15-2021 20:41:02	pratikshagondane786@gmail.com	Pratiksha	Gondane	9325163475	3	P R Pote Patil College of Engineering & Management, Amravati	EE
4	1-15-2021 20:46:58	dongreshruti12@gmail.com	Shruti	Dongre	9834494013	3	P R Pote Patil College of Engineering & Management, Amravati	EE
5	1-15-2021 21:03:40	sumiranps.a02@gmail.com	Sumiran	Shahane	7798487811	2	P R Pote Patil College of Engineering & Management, Amravati	EE
6	1-16-2021 9:48:24	sumittaywade20@gmail.com	Sumit	Taywade	7768866575	3	P R Pote Patil College of Engineering & Management, Amravati	ME
7	1-16-2021 10:18:36	amanpant8@gmail.com	Aman	Pant	9689079500	4	P R Pote Patil College of Engineering & Management, Amravati	EE
8	1-16-2021 12:47:10	chawadepratiksha21@gmail.com	Pratiksha	Chawade	9112335191	2	P R Pote Patil College of Engineering & Management, Amravati	EXTC
9	1-16-2021 15:26:20	savaidya2712@gmail.com	Sakshi	Vaidya	7264960133	3	P R Pote Patil College of Engineering & Management, Amravati	CSE
10	1-16-2021 16:49:30	namratalanjewar2000@gmail.com	Namrata	Lanjewar	8459944330	1	P R Pote Patil College of Engineering & Management, Amravati	EXTC
11	1-16-2021 19:16:31	saurabhbhandaremh27@gmail.com	Saurabh	bhandare	7038034101	1	P R Pote Patil College of Engineering & Management, Amravati	EE
12	1-16-2021 19:50:40	rutikkurhade97@gmail.com	Rutik	Kurhade	9307918295	2	P R Pote Patil College of Engineering & Management, Amravati	EXTC
13	1-16-2021 20:22:11	yoginichauragade10@gmail.com	Yogini	Chauragade	9766309704	3	P R Pote Patil College of Engineering & Management, Amravati	EE
14	1-16-2021 20:26:41	vaishur1519@gmail.com	Vaishnavi	Shirbhate	7447666951	3	P R Pote Patil College of Engineering & Management, Amravati	EE
15	1-17-2021 13:18:06	haritiraut2018@gmail.com	Hariti	Raut	9637773186	3	P R Pote Patil College of Engineering & Management, Amravati	EE
16	1-17-2021 13:34:20	khandokaranushri@gmail.com	Anushri	Khandokar	9579748501	3	P R Pote Patil College of Engineering & Management, Amravati	EE
17	1-17-2021 15:34:41	adityadadgal71@gmail.com	Aditya	Dadgal	9922975886	3	P R Pote Patil College of Engineering & Management, Amravati	EE
18	1-17-2021 15:38:37	sumitsande2604@gmail.com	Sumit	Sande	9325178570	3	P R Pote Patil College of Engineering & Management, Amravati	EE
19	1-17-2021 18:38:31	reetabhagat78874@gmail.com	Reeta	Bhagat	7887456599	3	P R Pote Patil College of Engineering & Management, Amravati	cse
20	1-17-2021 19:50:52	manjoktidongare2000@gmail.com	Manjokti	Dongare	9284396068	3	P R Pote Patil Instiurte of Engineering & Research Amravati	EE
21	1-17-2021 19:59:40	kaletaejas@gmail.com	Tejas	Kale	8459509863	3	P R Pote Patil College of Engineering & Management, Amravati	EE
22	1-17-2021 20:21:30	meyashthakur8@gmail.com	Yash	Thakur	9623964684	3	P R Pote Patil Instiurte of Engineering & Research Amravati	EE
23	1-17-2021 20:51:06	Soni1122nagapure@gmail.com	SONI	NAGAPURE	9075911873	3	P R Pote Patil College of Engineering & Management, Amravati	EE
24	1-17-2021 21:23:31	prajwalgawai70@gmail.com	Prajwal	Gawai	9860041216	3	P R Pote Patil College of Engineering & Management, Amravati	EE
25	1-17-2021 21:43:38	wrushi02092000@gmail.com	Wrushikesh	Khatarkar	7066011576	3	P R Pote Patil Instiurte of Engineering & Research Amravati	EE
26	1-17-2021 21:46:08	amisha8712@gmail.com	Amisha	Wankhade	9146239288	3	P R Pote Patil Instiurte of Engineering & Research Amravati	EE
27	1-17-2021 21:46:12	kokateanjali97@gmail.com	Anjali	kokate	9975231963	3	P R Pote Patil Instiurte of Engineering & Research Amravati	EE
28	1-17-2021 21:52:33	renukanavghare@gmail.com	Renuka	Navghare	8805373079	3	P R Pote Patil College of Engineering & Management, Amravati	EE
29	1-17-2021 22:03:00	darshnapatil03@gmail.com	Darshna	Patil	8237193881	3	P R Pote Patil Instiurte of Engineering & Research Amravati	EE
30	1-17-2021 22:15:20	bhagyashriban26@gmail.com	Bhagyashri	Ban	9767361968	3	P R Pote Patil College of Engineering & Management, Amravati	EE
31	1-17-2021 22:15:51	rutujathakare55@gmail.com	Rhutuja	Thakare	9146849552	3	P R Pote Patil College of Engineering & Management, Amravati	EE
32	1-17-2021 22:43:51	vaishnavi99akotkar@gmail.com	Vaishnavi	Akotkar	9370969367	3	P R Pote Patil College of Engineering & Management, Amravati	EE

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Sr. No.	Timestamp	Email Address	First Name	Last Name	Whatsapp No	Year	College Name	Branch
65	1-18-2021 17:42:41	pawaningle2510@gmail.com	Pawan	Ingle	7038491438	3	P R Pote Patil College of Engineering & Management, Amravati	EE .
66	1-18-2021 17:50:54	nikhilkaikade744@gmail.com	Nikhil	Kaikade	9604320305	3	P R Pote Patil College of Engineering & Management, Amravati	EE
67	1-18-2021 17:59:28	thakaresakshi85@gmail.com	Sakshi	Thakare	9657782436	3	P R Pote Patil College of Engineering & Management, Amravati	EE
68	1-18-2021 18:06:56	palakarvi@gmail.com	Palak	Jaiswal	8459959713	3	P R Pote Patil College of Engineering & Management, Amravati	EE
69	1-18-2021 18:39:25	chawarebhushan90@gmail.com	Bhushan	Chaware	9075440551	3	P R Pote Patil College of Engineering & Management, Amravati	EE
70	1-18-2021 18:48:57	dhirajdhoke111@gmail.com	Dhiraj	Dhoke	9096765373	3	P R Pote Patil College of Engineering & Management, Amravati	EE
71	1-18-2021 18:49:41	hrc1880@gmail.com	HRUSHIKESH	CHINCHKHEDE	7741067422	3	P R Pote Patil College of Engineering & Management, Amravati	EE
72	1-18-2021 18:55:47	shrutikabijwe222@gmail.com	Shrutika	Bijwe	9130651441	3	P R Pote Patil College of Engineering & Management, Amravati	EE
73	1-18-2021 19:00:23	ingleajay18176@gmail.com	Ajay	Ingle	7038624122	3	P R Pote Patil College of Engineering & Management, Amravati	EE
74	1-18-2021 19:10:31	niketbalvir25@gmail.com	Aniket	Balvir	7972487912	3	P R Pote Patil College of Engineering & Management, Amravati	EE
75	1-18-2021 19:35:21	akashmondhe301@gmail.com	Akash	Mondhe	7038946993	3	P R Pote Patil College of Engineering & Management, Amravati	EE
76	1-18-2021 19:38:37	itzsayali23@gmail.com	Sayali	Kale	8600735950	4	P R Pote Patil College of Engineering & Management, Amravati	EE
77	1-18-2021 20:33:44	nmlikhare09@gmail.com	Nishita	Likhare	7083139206	2	P R Pote Patil College of Engineering & Management, Amravati	EE
78	1-18-2021 20:46:23	komalpimalkar11@gmail.com	Komal	Pimpalkar	9130542825	3	P R Pote Patil College of Engineering & Management, Amravati	EE
79	1-18-2021 21:34:41	bhusarisamruddhi2001@gmail.com	Samruddhi	Bhusari	9145558791	3	P R Pote Patil College of Engineering & Management, Amravati	CSE
80	1-18-2021 21:40:13	kaikadeharshal@gmail.com	Harshal	Kaikade	7414942375	3	P R Pote Patil College of Engineering & Management, Amravati	EE
81	1-18-2021 22:23:20	pankajjatale@gmail.com	Pankaj	Jatale	9767492481	3	P R Pote Patil College of Engineering & Management, Amravati	EE
82	1-19-2021 10:26:54	poojamondhe91@gmail.com	Pooja	Mondhe	8263932445	3	P R Pote Patil College of Engineering & Management, Amravati	EE
83	1-19-2021 11:23:02	pranalibobade458@gmail.com	Pranali	Bobade	9370622047	3	P R Pote Patil College of Engineering & Management, Amravati	EE
84	1-19-2021 12:08:29	sanchaysolanke02@gmail.com	Sanchay	Solanke	8698968692	4	P R Pote Patil College of Engineering & Management, Amravati	EE
85	1-19-2021 12:10:49	swapniltumbwad7809@gmail.com	Swapnil	Tumbwad	9579719578	4	P R Pote Patil College of Engineering & Management, Amravati	EE
86	1-19-2021 12:48:53	adarshgadge41@gmail.com	Adarsh	Gadge	7397911932	3	P R Pote Patil College of Engineering & Management, Amravati	EE
87	1-19-2021 14:12:28	rudrapratap.rs1072@gmail.com	Rudrapratap	Somwanshi	9112994103	3	P R Pote Patil College of Engineering & Management, Amravati	EE
88	1-19-2021 15:17:35	vyankteshhande96@gmail.com	Vyanktesh	Hande	9637927874	3	P R Pote Patil College of Engineering & Management, Amravati	EE
89	1-19-2021 15:19:13	nachaneharshal@gmail.com	Harshal	Nachane	9579203917	2	P R Pote Patil College of Engineering & Management, Amravati	EE
90	1-19-2021 15:49:54	maithilininghot123@gmail.com	Maithili	Ninghot	8390754970	4	P R Pote Patil College of Engineering & Management, Amravati	EE
91	1-19-2021 17:08:42	abhishekcharthal2021@gmail.com	Abhishek	Charthal	9890197799	4	P R Pote Patil College of Engineering & Management, Amravati	EE
92	1-21-2021 10:17:09	ghurdeaniket20@gmail.com	Aniket	Ghurde	9145592250	3	P R Pote Patil College of Engineering & Management, Amravati	EE

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Sr. No.	IEEE Member	Membership Number	Scan the above QR-Code and Upload the Screenshot of your Payment
33	No		https://drive.google.com/open?id=1JtsQluL6TqqSJlx87KWM4LoYzGk4FgNR
34	No		https://drive.google.com/open?id=1tmO2gKtToHQt7SbdlosGaL4l2mbU-TZ6
35	No		https://drive.google.com/open?id=1XQm8Khz-ppuyOSFv2Lqb1txglrKY5_MG
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37	No		https://drive.google.com/open?id=1TehBVfvzZ1wGe4lVD8edNPnqvkzR4FtX
38	No		https://drive.google.com/open?id=1bFKKu0Lkb5Z-T2oAIB7BP4XJIlyQ76Bf
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42	No		https://drive.google.com/open?id=1mZEbUwwKxB1yPeCSNy9_48EeTUz8ZjfT
43	No		https://drive.google.com/open?id=13SbSBec5lEydSIILRqgaj3GcUPeEKeP8
44	No		https://drive.google.com/open?id=1HMlayLTbGgwan_H08F6eX9qn8t8x-m6z
45	No		https://drive.google.com/open?id=1QxWa5vv0YBX8WzLjVGPJYDYggrfo21vy
46	Yes	80631552	https://drive.google.com/open?id=1DnJ7J140KXKHlUBMilmmA2u9kkMw7ePz
47	No		https://drive.google.com/open?id=1foUO6wpijiAun507u3MkFmSrOerGUPxH
48	No		https://drive.google.com/open?id=1fDbg0WvsyA1U8gAsEsNZrsjqYNOArNjw
49	No		https://drive.google.com/open?id=19GpTEf-n_DjhV7pqnoE4K7EOYm3lllZD
50	No		https://drive.google.com/open?id=136MDSvNqFXdGbfZ2Eph2orn2F_L2oBlk
51	No		https://drive.google.com/open?id=1CMQ4GVn-gtvfM17OILhHA0HD5yblBzKd
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54	No		https://drive.google.com/open?id=1zcq-a4svluVSn6xBQYyuhm-KoyDpxxWc
55	No		https://drive.google.com/open?id=1LdCjNCE7TI9vs-g846ASTfWtumwppUeF
56	No		https://drive.google.com/open?id=1TmOGO9KVkrw40TPIwtboY0mXPYwgVSUM
57	No		https://drive.google.com/open?id=1y07gZksqUvk-Nq0z4jhhMYZuZWoLP2sK
58	No		https://drive.google.com/open?id=1GZj-zR2o_77-gr6DU98BfY46ZRANCPVk
59	No		https://drive.google.com/open?id=1izev2G8iceybR0D_h2PKdqWH4shCXZss
60	No		https://drive.google.com/open?id=10CXw9HnZlg72HrV7CISoTwE2tRMc3Z6
61	No		https://drive.google.com/open?id=1Y6Uj0_tvuLAc4wPw-30xHWHGDWsYtyK0
62	No		https://drive.google.com/open?id=1gkuEslnkbnLbwC5zSqz_FbKnUc0lQqp7
63	No		https://drive.google.com/open?id=19MgRyixhiBoRFrwNBe4VEnKXBH_8ZC_A
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840 658

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Amravati.

Timestamp	Full Name	Email Address	Whatsapp No.	Year	College Name	Branch
5-8-2021 15:28:30	Nandini Sonar	nandinisonar181@gmail.com	9970310507	3	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 15:28:30	Vinay Bhartiya	vinaybhartiya2688@gmail.com	7774876260	4	HVPM COET AMRAVATI	ME
5-8-2021 15:28:41	Pratiksha Gondane	pratikshagondane786@gmail.com	9325163475	3	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 15:28:41	Shruti Dongre	dongreshruti12@gmail.com	9834494013	3	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 15:28:41	Sumiran Shahane	sumiranps.a02@gmail.com	7798487811	2	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 15:30:22	Sumit Taywade	sumittaywade20@gmail.com	7768866575	3	P R Pote Patil College of Engineering & Management Amravati	ME
5-8-2021 15:30:22	Aman Pant	amanpant8@gmail.com	9689079500	4	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 15:30:22	Pratiksha Chawade	chawadepratiksha21@gmail.com	9112335191	2	P R Pote Patil College of Engineering & Management Amravati	EXTC
5-8-2021 15:30:32	Sakshi Vaidya	savaidya2712@gmail.com	7264960133	3	P R Pote Patil College of Engineering & Management Amravati	CSE
5-8-2021 15:30:32	Namrata Lanjewar	namratalanjewar2000@gmail.com	8459944330	1	P R Pote Patil College of Engineering & Management Amravati	EXTC
5-8-2021 15:30:32	Saurabh bhandare	saurabhbhandaremh27@gmail.com	7038034101	1	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 15:31:02	Rutik Kurhade	rutikkurhade97@gmail.com	9307918295	2	P R Pote Patil College of Engineering & Management Amravati	EXTC
5-8-2021 15:31:02	Yogini Chauragade	yoginichauragade10@gmail.com	9766309704	3	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 15:31:02	Vaishnavi Shirbhate	vaishur1519@gmail.com	7447666951	3	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 15:31:20	Hariti Raut	haritiraut2018@gmail.com	9637773186	3	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 15:31:20	Anushri Khandokar	khandokaranushri@gmail.com	9579748501	3	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 15:31:20	Aditya Dadgal	adityadadgal71@gmail.com	9922975886	3	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 15:32:24	Sumit Sande	sumitsande2604@gmail.com	9325178570	3	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 15:32:24	Reeta Bhagat	reetabhagat78874@gmail.com	7887456599	3	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 15:32:24	Manjokti Dongare	manjoktidongare2000@gmail.com	9284396068	3	P R Pote Patil College of Engineering & Research Amravati	EE
5-8-2021 15:33:30	Tejas Kale	kaletaejas@gmail.com	8459509863	3	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 15:33:30	Yash Thakur	meyashthakur8@gmail.com	9623964684	3	P R Pote Patil College of Engineering & Research Amravati	EE
5-8-2021 15:33:30	SONI NAGAPURE	Soni1122nagapure@gmail.com	9075911873	3	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 15:34:34	Prajwal Gawai	prajwalgawai70@gmail.com	9860041216	3	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 15:34:34	Wrushikesh Subhashrao Khatarkar	wrushi02092000@gmail.com	7066011576	3	P R Pote Patil College of Engineering & Research Amravati	EE
5-8-2021 15:34:34	Amisha Wankhade	amisha8712@gmail.com	9146239288	3	P R Pote Patil College of Engineering & Research Amravati	EE
5-8-2021 15:34:34	Anjali kokate	kokateanjali97@gmail.com	9975231963	3	P R Pote Patil College of Engineering & Research Amravati	EE
5-8-2021 18:00:31	Renuka Navghare	renukanavghare@gmail.com	8805373079	3	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 18:00:31	Darshna Patil	darshnapatil03@gmail.com	8237193881	3	P R Pote Patil College of Engineering & Research Amravati	EE
5-8-2021 18:00:31	Bhagyashri Ban	bhagyashriban26@gmail.com	9767361968	3	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 18:00:31	Rhutuja Thakare	rutujathakare55@gmail.com	9146849552	3	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 18:09:08	Vaishnavi Akotkar	vaishnavi99akotkar@gmail.com	9370969367	3	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 18:09:08	Vaishnavi Saratkar	vaishnavisaratkar159@gmail.com	9370265208	3	P R Pote Patil College of Engineering & Research Amravati	EE

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5-8-2021 18:11:14	Palak Jaiswal	palakarvi@gmail.com	8459959713	3	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 18:11:17	Bhushan Chaware	chawarebhushan90@gmail.com	9075440551	3	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 18:11:17	Dhiraj Dhoke	dhirajdhoke111@gmail.com	9096765373	3	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 18:11:21	HRUSHIKESH CHINCHKHEDE	hrc1880@gmail.com	7741067422	3	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 18:11:21	Shrutika Bijwe	shrutikabijwe222@gmail.com	9130651441	3	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 18:12:09	Ajay Ingle	ingleajay18176@gmail.com	7038624122	3	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 18:12:09	Aniket Balvir	niketbalvir25@gmail.com	7972487912	3	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 18:12:18	Akash Mondhe	akashmondhe301@gmail.com	7038946993	3	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 18:12:18	Sayali Kale	itzsayali23@gmail.com	8600735950	4	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 18:12:23	Nishita Likhare	nmlikhare09@gmail.com	7083139206	2	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 18:12:23	Komal Pimpalkar	komalpimalkar11@gmail.com	9130542825	3	P R Pote Patil College of Engineering & Management Amravati	CSE
5-8-2021 18:13:12	Samruddhi Bhusari	bhusarisamruddhi2001@gmail.com	9145558791	3	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 18:13:12	Harshal Kaikade	kaikadeharshal@gmail.com	7414942375	3	P R Pote Patil College of Engineering & Management Amravati	EE
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5-8-2021 18:13:52	Pooja Mondhe	poojamondhe91@gmail.com	8263932445	3	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 18:14:17	Pranali Bobade	pranalibobade458@gmail.com	9370622047	3	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 18:14:17	Sanchay Solanke	sanchaysolanke02@gmail.com	8698968692	4	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 18:15:46	Swapnil Tumbwad	swapniltumbwad7809@gmail.com	9579719578	4	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 18:15:46	Adarsh Gadge	adarshgadge41@gmail.com	7397911932	3	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 18:16:06	Rudrapratap Somwanshi	rudrapratap.rs1072@gmail.com	9112994103	3	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 18:16:06	Vyanktesh Hande	vyankteshhande96@gmail.com	9637927874	3	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 18:52:42	Harshal Nachane	nachaneharshal@gmail.com	9579203917	2	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 18:52:42	Maithili Ninghot	maithilininghot123@gmail.com	8390754970	4	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 18:55:41	Abhishek Charthal	abhishekcharthal2021@gmail.com	9890197799	4	P R Pote Patil College of Engineering & Management Amravati	EE
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5-8-2021 19:15:43	Vedanti Raut	veduraut1810@gmail.com	9359981820	3	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 19:15:43	Anuja Thakare	anujathakare14@gmail.com	7972826567	3	P R Pote Patil College of Engineering & Management Amravati	EE

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5-8-2021 18:09:28	Tarika Kale	tarikakale17@gmail.com	8390525087	2	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 18:09:28	Prajakta Shrirao	prajaktashrirao1@gmail.com	8408827624	3	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 18:09:28	Darshana Kedar	darshanakedar2001@gmail.com	8788146046	3	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 18:09:28	Sunita Giri	sunita.giri1@gmail.com	7588561701	4	JNEC	ECT
5-8-2021 18:09:42	Arati Lande	aratilande1363@gmail.com	7057220080	3	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 18:09:42	Ruchita Charate	ruchitacharate@gmail.com	9359202184	3	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 18:09:42	KAJAL INGALE	kajalingale952@gmail.com	8412873427	3	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 18:09:42	Sarika Chavan	sarikachavan400@gmail.com	9970510944	3	P R Pote Patil College of Engineering & Management Amravati	EE
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5-8-2021 18:09:48	Jagdish Pote	potejagdish235@gmail.com	9359262801	3	P R Pote Patil College of Engineering & Management Amravati	EE
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5-8-2021 18:10:25	Prasanna Ghulaxe	prasannaghulaxe99@gmail.com	7218167940	3	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 18:10:25	Anjali Warkad	anjaliwarkad1234@gmail.com	7264947084	3	P R Pote Patil College of Engineering & Management Amravati	EE
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5-8-2021 18:10:28	Nikita Gawande	nikkigawande00@gmail.com	9075790142	3	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 18:10:34	Sakshi Thote	sakshithote16@gmail.com	8999692278	3	P R Pote Patil College of Engineering & Management Amravati	EE
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5-8-2021 18:10:43	Vinaya Khadse	vinayakhadase@gmail.com	9172651562	3	P R Pote Patil College of Engineering & Research Amravati	EE
5-8-2021 18:10:43	Mrunali Chaudhari	mrunalchaudhary6913@gmail.com	7841912184	3	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 18:10:47	Tanaya Bhombe	tanayabhombe20@gmail.com	7757011428	3	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 18:10:47	Prajvali Meshram	prajvali0001@gmail.com	9673397437	3	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 18:10:58	Pooja Kopare	poojakopare@gmail.com	7249250747	4	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 18:10:58	Vedant Gulhane	vedantgulhane2005@gmail.com	9518543540	2	P R Pote Patil College of Engineering & Research Amravati	EE
5-8-2021 18:11:03	Pawan Ingle	pawaningle2510@gmail.com	7038491438	3	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 18:11:03	Nikhil Kaikade	nikhilkaikade744@gmail.com	9604320305	3	P R Pote Patil College of Engineering & Management Amravati	EE
5-8-2021 18:11:14	Sakshi Thakare	thakaresakshi85@gmail.com	9657782436	3	P R Pote Patil College of Engineering & Management Amravati	EE

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84	Yes	96514718	https://drive.google.com/open?id=1wMI3JxGVHPNjNFsueEz0lvG03FPxgc3e
85	Yes	96514727	https://drive.google.com/open?id=1fMJTYd27KD1s58kSSHuGVf5uWAMejjwu
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89	Yes		https://drive.google.com/open?id=1WFtlxOrbM4OSpB1hLCI2oT7hq9ECTFBa
90	Yes	96434834	https://drive.google.com/open?id=1JUaGlnZ6JHkLOXPyEooGrzTq9gT-Yqw3
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34	1-18-2021 8:45:59	nisharatale11@gmail.com	Nisha	Ratale	9763508268	3	P R Pote Patil College of Engineering & Management, Amravati	EE
35	1-18-2021 9:59:07	mayurimahajan679@gmail.com	Mayuri	Mahajan	9921802284	3	P R Pote Patil College of Engineering & Management, Amravati	EE
36	1-18-2021 10:54:30	tarikakale17@gmail.com	Tarika	Kale	8390525087	2	P R Pote Patil College of Engineering & Management, Amravati	EE
37	1-18-2021 11:14:13	prajaktashrirao1@gmail.com	Prajakta	Shrirao	8408827624	3	P R Pote Patil College of Engineering & Management, Amravati	EE
38	1-18-2021 11:32:38	darshanakedar2001@gmail.com	Darshana	Kedar	8788146046	3	P R Pote Patil College of Engineering & Management, Amravati	ECT
39	1-18-2021 11:40:36	sunita.giri1@gmail.com	Sunita	Giri	7588561701	4	JNEC	EE
40	1-18-2021 11:43:57	aratilande1363@gmail.com	Arati	Lande	7057220080	3	P R Pote Patil College of Engineering & Management, Amravati	EE
41	1-18-2021 11:45:51	ruchitacharate@gmail.com	Ruchita	Charate	9359202184	3	P R Pote Patil College of Engineering & Management, Amravati	EE
42	1-18-2021 12:08:59	kajalingale952@gmail.com	KAJAL	INGALE	8412873427	3	P R Pote Patil College of Engineering & Management, Amravati	EE
43	1-18-2021 12:16:14	sarikachavan400@gmail.com	Sarika	Chavan	9970510944	3	P R Pote Patil College of Engineering & Management, Amravati	EE
44	1-18-2021 12:17:07	ashish.rsl407@gmail.com	ASHISH	LAGAD	9579003366	4	P R Pote Patil College of Engineering & Management, Amravati	EE
45	1-18-2021 12:38:42	sidkayande@gmail.com	Hemsiddhi	Kayande	8669451292	3	P R Pote Patil College of Engineering & Management, Amravati	EXTC
46	1-18-2021 12:44:22	aartisalunke@jnec.ac.in	Aarti	Salunke	7755947279	4	MGMU JNEC	ECT
47	1-18-2021 12:52:39	minal81273@gmail.com	Minal	Dhawade	9422211998	4	JNEC	EE
48	1-18-2021 12:53:43	mrunalicharde98@gmail.com	Mrunali	Charde	7028173082	4	P R Pote Patil College of Engineering & Management, Amravati	EE
49	1-18-2021 13:12:10	potejagdish235@gmail.com	Jagdish	Pote	9359262801	3	P R Pote Patil College of Engineering & Management, Amravati	EE
50	1-18-2021 13:14:21	ashingle99@gmail.com	Ashwini	INGLE	9503219329	3	P R Pote Patil College of Engineering & Management, Amravati	EE
51	1-18-2021 13:18:38	vaishnavimandwale506@gmail.com	Vaishnavi	Mandwale	8806846845	3	P R Pote Patil College of Engineering & Management, Amravati	EE
52	1-18-2021 13:39:05	diptinimkande@gmail.com	Dipti	Nimkande	9359188747	3	P R Pote Patil College of Engineering & Management, Amravati	EE
53	1-18-2021 13:47:20	prasannaghulaxe99@gmail.com	Prasanna	Ghulaxe	7218167940	3	P R Pote Patil College of Engineering & Management, Amravati	EE
54	1-18-2021 14:05:22	anjaliwarkad1234@gmail.com	Anjali	Warkad	7264947084	3	P R Patil College of Engineering & Technology Amravati	EE
55	1-18-2021 14:12:17	damodarashwini08@gmail.com	Ashwini	Damodar	9511690993	4	P R Pote Patil College of Engineering & Management, Amravati	EE
56	1-18-2021 15:10:05	nikkigawande00@gmail.com	Nikita	Gawande	9075790142	3	P R Pote Patil College of Engineering & Management, Amravati	EE
57	1-18-2021 15:23:03	sakshithote16@gmail.com	Sakshi	Thote	8999692278	3	P R Pote Patil Instiurte of Engineering & Research Amravati	EE
58	1-18-2021 16:11:58	harshalingle1511@gmail.com	Harshal	Ingle	9960409489	3	P R Pote Patil Instiurte of Engineering & Research Amravati	EE
59	1-18-2021 17:05:19	vinayakhadase@gmail.com	Vinaya	Khadse	9172651562	3	P R Pote Patil College of Engineering & Management, Amravati	EE
60	1-18-2021 17:18:17	mrunalchaudhary6913@gmail.com	Mrunali	Chaudhari	7841912184	3	P R Pote Patil College of Engineering & Management, Amravati	EE
61	1-18-2021 17:20:35	tanayabhombe20@gmail.com	Tanaya	Bhombe	7757011428	3	P R Pote Patil College of Engineering & Management, Amravati	EE
62	1-18-2021 17:23:13	prajvali0001@gmail.com	Prajvali	Meshram	9673397437	3	P R Pote Patil College of Engineering & Management, Amravati	EE
63	1-18-2021 17:25:54	poojakopare@gmail.com	Pooja	Kopare	7249250747	4	P R Pote Patil College of Engineering & Management, Amravati	EE
64	1-18-2021 17:40:05	vedantgulhane2005@gmail.com	Vedant	Gulhane	9518543540	2	P R Pote Patil Instiurte of Engineering & Research Amravati	EE

H.O.D. (Elect. Dept.)
P.R.Pote (Patil) College of Engg. & Management
Amravati.

Computer Science

~~343~~ 661

3.4.2 C&E
2020-21

P.R.Pote (Patil) Education and Welfare's Trust Group of Institution,

College of Engineering and Management,Amravati

Session 2020-21

Webinar
"Embracing IoT and AI for Industry 4.0"

Name of Course: Webinar "Embracing IoT and AI for Industry 4.0"

Nature of Course: Webinar (Online Mode)

Career Opportunity: Exposure to career development.

Objectives of the course:

To gain insights about further IoT trends and learn more about major challenges.

Outcomes of the course:

Faculties and students will able to demonstrate the importance of a positive approach to any change situation.

Name of Resource person: Dr.Tan Wooi Haw

Course Duration & Schedule: 10th August 2020, Monday from 4.00pm onward.

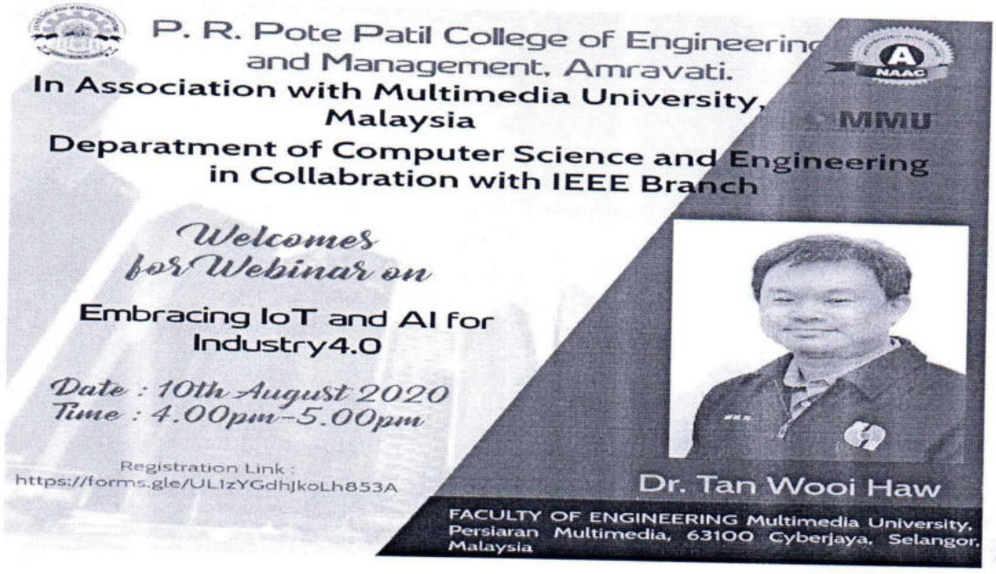
Target Participants: All Students and Faculty

Course Structure and Syllabus : --

Methods of Instruction: Online Mode (Google Meet)

344 662

Introduction :



As a part of our Webinar Series conducted earlier on different topics, Computer Science and Engineering Department of P. R. Pote College of Engineering and Management is back with yet another interesting and value added Webinar for all departments of Students and faculty.

Webinar on "Embracing IoT and AI for Industry 4.0" by the resource person **Dr. Tan Wooi Haw** A senior lecturer at Multimedia University.

Registration Link : https://forms.gle/6MSg4Y7XL8i9NySq8

Forum Incharge

HOD(CSE)

H.O.D. (Comp. Dept.)
P.R.Pote (Patil) College of Engg. & Management
Amravati.

P.R.Pote Patil College of Engineering and Management,Amravati

Session By: Dr. Tan Wooi Haw

Senior Consultant

Tata Consultancy Services Pvt ,Pune

Date: 10 August 2020

Time: 4 PM

Timestamp	Email address	Full Name of Student	1. The experience of the session was	2. How was the Content delivered	3, How was the event Structure	4. Overall experience of the Webinar	5. How will you rate the session
8-10-2020 18:47:43	aparnasapkal1997@gmail.com	Aparna Sapkal	Average	Average	Average	Average	3
8-10-2020 18:47:57	madhurikabelsare@gmail.com	Madhuri Belsare	Completely Satisfying	Satisfying	Completely Satisfying	Satisfying	5
8-10-2020 18:48:23	truptitikkas2018@gmail.com	Trupti Tikkas	Completely Satisfying	Completely Satisfying	Completely Satisfying	Completely Satisfying	5
8-10-2020 18:48:38	mayur.barai01@gmail.com	Mayur Barai	Completely Satisfying	Completely Satisfying	Completely Satisfying	Average	5
8-10-2020 18:48:55	shreyash8j@gmail.com	Shreyas Gedam	Average	Not Satisfying	Satisfying	Not Satisfying	1
8-10-2020 18:48:56	Jarudkarmahesh4@gmail.com	Mahesh Jarudkar	Completely Satisfying	Completely Satisfying	Completely Satisfying	Completely Satisfying	5
8-10-2020 18:49:00	matevaishali2@gmail.com	Vaishali Mate	Satisfying	Satisfying	Satisfying	Satisfying	5
8-10-2020 18:49:03	rashmighodmare4@gmail.com	Rashmo Ghodmare	Completely Satisfying	Satisfying	Completely Satisfying	Completely Satisfying	5
8-10-2020 18:49:04	prachivkale@gmail.com	Parchi Kale	Completely Satisfying	Satisfying	Satisfying	Satisfying	4
8-10-2020 18:49:09	shrudes98@gmail.com	Srushti Deshmukh	Satisfying	Satisfying	Satisfying	Satisfying	4
8-10-2020 18:49:13	kaveritelrandhe@gmail.com	Kaveri Telrande	Completely Satisfying	Completely Satisfying	Completely Satisfying	Satisfying	4
8-10-2020 18:49:15	priteshghayar@gmail.com	Pritesh Ghayar	Satisfying	Completely Satisfying	Satisfying	Satisfying	4
8-10-2020 18:49:51	sunitamande222@gmail.com	Sunita Mande	Satisfying	Satisfying	Satisfying	Satisfying	4
8-10-2020 18:50:20	rajsutane@gmail.com	Raj Sutane	Satisfying	Satisfying	Satisfying	Satisfying	4
8-10-2020 18:50:26	chavhanshubham16@gmail.co	Shubham Chavhan	Satisfying	Average	Completely Satisfying	Satisfying	4
8-10-2020 18:51:28	rakshitadighade2017@gmail.co	Rakshita Dighade	Completely Satisfying	Completely Satisfying	Completely Satisfying	Completely Satisfying	5
8-10-2020 18:52:14	nikitathote99@gmail.com	Nikita Thote	Satisfying	Satisfying	Satisfying	Satisfying	4

345 663

H.O.D. (Comp. Dept.)
P.R.Pote (Patil) College of Engg. & Management
Amravati.

MEMORANDUM OF UNDERSTANDING

BETWEEN

MULTIMEDIA UNIVERSITY

UNIVERSITI TELEKOM SDN. BHD.
(Company No. 436821-T)
(Registered owner of **Multimedia University**)

AND

P. R. POTE (PATIL) EDUCATION AND WELFARE TRUST'S, GROUP OF INSTITUTIONS, COLLEGE OF ENGINEERING AND MANAGEMENT, AMRAVATI (MS), INDIA

UNIVERSITI KEBANGSAAN MALAYSIA
The National University of Malaysia

LETTER OF INTENT FOR COOPERATION BETWEEN UNIVERSITI KEBANGSAAN MALAYSIA AND P. R. POTE (PATIL) EDUCATION AND WELFARE TRUST'S GROUP OF INSTITUTIONS COLLEGE OF ENGINEERING & MANAGEMENT, AMRAVATI (MS), INDIA

In order to promote the mutual interests between the Parties, Universiti Kebangsaan Malaysia (UKM) through its Faculty of Engineering and Built Environment, and Faculty of Engineering and Technology, P. R. Pote (Patil) Education and Welfare Trust's Group of Institutions, College of Engineering and Management (PRPCE&M) agree to exercise their best efforts to develop the following forms of cooperation:

a) Student Exchange program;
b) Faculty Exchange Program;
c) Internship for students;
d) Collaborative Research on common area of interest;
e) Organisation of Joint Conferences and Seminars; and
f) Strengthen International cooperation (India and Malaysia).

Both parties shall appoint a coordinator from each party for the development and management of joint activities.

Both parties understand that all financial arrangements will have to be negotiated and will depend on the availability of funds.

Details for the implementation of specific projects will be mutually developed.

In the event where both parties wish to formalise the abovementioned academic and research collaboration, the parties may enter into a Memorandum of Understanding (MoU) or a Memorandum of Agreement (MoA) of which the MoA shall have a binding effect on both parties.

The undersigned being duly authorised thereto, have signed this Letter of Intent, on this 19th July 2019.

For
UNIVERSITI KEBANGSAAN MALAYSIA

PROF. IR. DR. SHAHRIR ABDULLAH
Dean
Faculty of Engineering and Built Environment
Universiti Kebangsaan Malaysia

For
P. R. POTE (PATIL) EDUCATION AND WELFARE TRUST'S GROUP OF INSTITUTIONS COLLEGE OF ENGINEERING & MANAGEMENT

DR. MRS.S.D.WAKDE
Principal
Faculty of Engineering and Technology
P. R. Pote (Patil) Education and Welfare Trust's
Group of Institutions College of Engineering
& Management

MMU
MULTIMEDIA UNIVERSITY

Call for Applications

Making an Impact via Social Innovations

through

International Student e-Exchange Programme
8 - 22 November, 2020

Jointly organised by:
Multimedia University, Melaka, Malaysia
Universitas Mercu Buana, Jakarta, Indonesia
Birla Global University, Bhubaneswar, Odisha, India
Universitas Pakuan, Indonesia

Programme Fee:
USD500 per student (free for international partners)

Important Dates:

25 Oct, 2020:	Application Deadline
30 Oct, 2020:	Notification of Acceptance
8 - 22, Nov, 2020:	International Student e-Exchange Programme

Jointly organised by:

MMU MULTIMEDIA UNIVERSITY · MERCU BUANA · BGU BIRLA GLOBAL UNIVERSITY

About the Programme

Jointly organised by Multimedia University, Universitas Mercu Buana, Birla Global University and Universitas Pakuan, the International Student e-Exchange Programme focuses on making an impact via social innovations. It is a collaborative effort to foster international collaboration and cooperation amongst university students from across the globe in addressing the various economic, social and environmental issues faced by the local communities. It is envisaged that this virtual exchange programme will make a lasting impact to our communities with efforts to generate social innovation ideas that transcend boundaries and contribute towards the attainment of the 17 United Nation Sustainable Development Goals. The programme will feature expert talk sessions, panel discussions and group work to come out with sustainable social innovations that will have a impact on our communities.



Tentative Programme
(8th – 22nd November, 2020)
8.00 p.m. Malaysian time on Weekdays
11.00 a.m. Malaysian time on Saturdays and Sundays

Day 1:	Welcome Briefing and Ice Breaking
Day 2:	Opening Ceremony, Programme Briefing & Group Formation
Day 3:	Workshop on Social Innovation 1: What is a Social Enterprise?
Day 4:	What's for Dinner? - Sharing on Local Food Culture & Heritage
Day 5:	Group Work
Day 6:	Workshop on Social Innovation 2: Why Would You Choose a Social Enterprise?
Day 7:	Talk on Sustainability - How can we make a difference?
Day 8:	Group Work
Day 9:	Workshop on Social Innovation 3: Social Enterprise Business Model
Day 10:	Panel Discussion on Social Innovation
Day 11:	Sharing on Iconic Heritage and Cultural Attractions: Issues and Challenges
Day 12:	Looking Sharp and Feeling Great! (Session on Grooming, Good Health, Well-Being and Fitness)
Day 14:	Showcase of Social Innovation Projects
Day 15:	Closing Ceremony, Awards Presentation, Sharing and Reflection

How to apply?
Fill up the online application form
Method 1: Scan the QR Code
Method 2: Go to https://bit.ly/2ItqYA4

Let's wait no more. Scan the QR Code to apply now!

Should you have further enquiries, please contact

Mr. Tan Gek Siang
Lecturer, Faculty of Business
Phone: +6 062523205
Email: gstan@mmu.edu.my

Ms. Tay Lee Ying
Lecturer, Faculty of Business
Phone: +6 062523118
Email: lytay@mmu.edu.my

MMU
MULTIMEDIA UNIVERSITY

UNIVERSITAS
MERCU BUANA

BGU
BIRLA GLOBAL
UNIVERSITY

UNIVERSITAS PAKUAN

Certificate of Achievement

This is to certify that

ABHIJIT DNYANESHWARRAO SHAHANE
P.R. POTE PATIL COLLEGE OF ENGINEERING & MANAGEMENT, INDIA

GLOBAL
ENTREPRENEURSHIP
WEEK
OFFICIAL EVENT

has successfully completed the International Student e-Exchange Programme with the theme 'Making an Impact via Social Innovations' jointly organised by Multimedia University, Universitas Mercu Buana, Birla Global University and Universitas Pakuan from 8th to 22nd November 2020.

849 667

Assoc. Prof. Ts. Dr Gerald Goh Guan Gan, MA., MBIT.
Dean, Faculty of Business
Multimedia University, Malaysia

Dr. Ponco Budi Sulistyo, MComn.
Dean, Faculty of Communication Science
Universitas Mercu Buana, Indonesia

Prof. Dr. Parameswar Nayak, MSW., PGD-PMIR
Dean, Birla School of Management
Birla Global University, India

Dr. Hendro Sasongko, Ak., MM., CA.
Dean, Faculty of Economics
Universitas Pakuan, Indonesia

350 668 3.4.2. ExTC

Date: 22/10/21

To,

Dr. S. B. Warkad

IQAC Incharge

PRPCEM, Amravati

Subject: Present Status of Functional MOU (3.4.2)

Respected Sir,

As per above subject due to Covid-19 situation Electronics and Telecommunication Department could not conduct any activity of MOU MDB Electrosoft, Amravati and Webakruti, Nagpur for the academic year 2020-21. The MOU is valid from 2021 to 2024.

This is for your kind information.

Your's sincerely,

22/10/21

Dr. R. D. Ghongade

H.O.D

Dept of ExTC

H.O.D. (EXTC Dept.)
P.R.Pote (Patil) College of Engg. & Management
Amravati.

Ref. No. :- MDBES/140621/01

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MOU) is made and entered on the 14th Jun, 2021 Onwards for the next 3 years,

Between

MDB Electrosoft Pvt. Ltd., Amravati, a company incorporated and existing under the laws of India and having its registered office at Mudholkar Peth, Rajapeth, Ambadevi Road, Near Oswal Bhawan, Amravati 444601 represented by its **Director Mr. Mangesh D. Bharti, CEO & Founder** as first part.

And

Department of Electronics and Telecommunication Engineering at P.R.POTE (Patil) Education and Welfare Trust's College of Engineering and Management, located at Kathora road, Amravati – 444607, Maharashtra, India (herein after referred as **ExTC, PRPCOEM**) which shall, unless repugnant to the context, include its successors and assigns; and at present represented by its **Head of Department Dr. R. D. Ghongade** of the second part.

This Industry-Academic Memorandum of Understanding is for Mutual Benefit.

Now this Memorandum of Understanding witnessed as follows:

1. MDB Electrosoft shall have access to ExTC, PRPCOEM faculties and Infrastructure for development of software/hardware.
2. To facilitate in-plant training programs and Industrial visits for students.
3. To provide departmental level support in the areas of Enterprise Applications, Embedded systems, Autonomous Robot and Mobile Computing through R&D cell of ExTC department.

4. To carry out consultancy, Faculty Development program,Value Added Course and Guest lectures by eminent members from both the ends to enrich the knowledge.
5. To enhance the interaction between faculty and Industry persons through conferences and symposia for knowledge dissemination sharing of recent trends in ExTC department.
6. Students and Faculties of ExTC, PRPCOEM shall get access to Technology experts from MDB Electrosoft.
7. Students and Faculties of ExTC, PRPCOEM can coordinate with MDB Electrosoft and benefit from Industry-Academic Partnership.
8. Students and faculties of ExTC, PRPCOEM coordinating with MDB Electrosoft shall get exposure in the areas namely, Embedded system,Communication system, automotive electronics and testing as indicated by MDB Electrosoft.
9. To conduct training program for the students in various technologies to upgrade their technical skills as per the industry requirement at reasonable cost.
10. MDB Electrosoft will provide their ideas and design to ExTC, PRPCOEM to execute the projects in house. MDB Electrosoft will provide technical guidance to students and faculties to execute the projects successfully.
11. MDB Electrosoft shall be the technology partner to ExTC, PRPCOEM, thus rendering additional value to ExTC, PRPCOEM. ExTC, PRPCOEM shall provide MDB Electrosoft with value additions as may be required by this MoU.
12. ExTC, PRPCOEM can reproduce/utilize the logo of MDB Electrosoft for its marketing and promotional purposes indicating MDB Electrosoft as its Corporate/Technology/Industry Partner.
13. ExTC, PRPCOEM can take additional help of MDB Electrosoft to train their people on different technologies on commercial terms.

VALIDITY, RENEWAL and TERMINATION of the agreement:

• This agreement is valid for a period of three years from the date of this agreement. This agreement shall be renewed on the expiry of three year term and as per the terms and conditions as deemed fit at that time.

• MDB Electrosoft shall approach ExTC, PRPCOEM for renewal of this agreement two months in advance before the expiry of this agreement. ExTC, PRPCOEM shall have the right to renew or reject the renewal proposal of MDB Electrosoft.

Either Party may by giving one-month written notice to the other party terminate this agreement.

MR. MANGESH D. BHARTI
(DIRECTOR)
MDB Electrosoft
AMRAVATI-444601
Sign & Stamp :

MDB Electrosoft Pvt. Ltd.
MBharati
Director

Date: 14th Jun 2021

MDB ELECTROSOFT PVT. LTD. AMRAVATI

Dr. R. D. GHONGADE
(HOD, ExTC)
PRPCOEM
AMRAVATI-444607
Sign & Stamp:

H.O.D. (EXTC Dept.)
P. R. Pote (Patil) College of Engg. & Management
Amravati.

Date: 14th Jun 2021

Witness 1:
Name: Prof. G. D. Dalvi
Designation: Asst. Prof.
Organization: P. R. Pote COEM, Amravati
Signature with Date

14.06.21

Witness 2:
Name: Prof. U. W. Hore
Designation: Asst. Prof.
Organization: P. R. Pote COEM, Amravati
Signature with Date

14/06/2021

354 672

Webakruti
We are the change

Plot No. 254, Dongre Layout, Abhyankar Nagar,
Nagpur (MH) India - 440010

+91-9021345794, +91-7387863841, +91-7387990061

Ref. No. Web/2021-22/MOU/09

Date : 23/06/2021

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MOU) is made and entered on the 23rd Jun 2021 Onwards for the next 3 years

Between

Webakruti - Web Application Design & Software Development Company Nagpur India, a company incorporated and existing under the laws of India and having its registered office at 254, Dongre Layout, Abhyankar Nagar, Nagpur, Maharashtra 440010 represented by its Co-owner & Training Director, Mr. Harish Chopkar as first part.

And

Department of Electronics and Telecommunication Engineering at P.R.POTE (Patil) Education and Welfare Trust's College of Engineering and Management, located at Kathora road, Amravati – 444607, Maharashtra, India (herein after referred as **ExTC, PRPCOEM**) which shall, unless repugnant to the context, include its successors and assigns; and at present represented by its **Head of Department Dr. R. D. Ghongade** of the second part.

This Industry-Academic Memorandum of Understanding is for Mutual Benefit.

Now this Memorandum of Understanding witnessed as follows:

1. Webakruti - Web Application Design & Software Development Company Nagpur shall have access to ExTC, PRPCOEM faculties and Infrastructure for development of software/hardware.
2. To facilitate in-plant training programs and Industrial visits for students.
3. To provide departmental level support in the areas of VLSI, Open source technology, Enterprise Applications, Embedded systems, Autonomous Robot and Mobile Computing through R&D cell of ExTC department.
4. To carry out consultancy, Faculty Development program,Value Added Course and Guest lectures by eminent members from both the ends to enrich the knowledge.
5. To enhance the interaction between faculty and Industry persons through conferences and symposia for knowledge dissemination sharing of recent trends in ExTC department.

Webakruti
We are the change

Plot No. 254, Dongre Layout, Abhyankar Nagar, Nagpur (MH) India - 440010

+91-9021345794, +91-7387863841, +91-7387990061

Ref. No. _____ Date : / /

6. Students and Faculties of ExTC, PRPCOEM shall get access to Technology experts from Webakruti - Web Application Design & Software Development Company Nagpur.

7. Students and Faculties of ExTC, PRPCOEM can coordinate with Webakruti - Web Application Design & Software Development Company Nagpur and benefit from Industry-Academic Partnership.

8. Students and faculties of ExTC, PRPCOEM coordinating with Webakruti - Web Application Design & Software Development Company Nagpur shall get exposure in the areas namely, Embedded system,Communication system, automotive electronics and testing as indicated by Webakruti - Web Application Design & Software Development Company Nagpur.

9. To conduct training program for the students in various technologies to upgrade their technical skills as per the industry requirement at reasonable cost.

10. Webakruti - Web Application Design & Software Development Company Nagpur will provide their ideas and design to ExTC, PRPCOEM to execute the projects in house. Webakruti - Web Application Design & Software Development Company Nagpur will provide technical guidance to students and faculties to execute the projects successfully.

11. Webakruti - Web Application Design & Software Development Company Nagpur shall be the technology partner to ExTC, PRPCOEM, thus rendering additional value to ExTC, PRPCOEM. ExTC, PRPCOEM shall provide Webakruti - Web Application Design & Software Development Company Nagpur with value additions as may be required by this MoU.

12. ExTC, PRPCOEM can reproduce/utilize the logo of Webakruti - Web Application Design & Software Development Company Nagpur for its marketing and promotional purposes indicating Webakruti - Web Application Design & Software Development Company Nagpur as its Corporate/Technology/Industry Partner.

13. ExTC, PRPCOEM can take additional help of Webakruti - Web Application Design & Software Development Company Nagpur to train their people on different technologies on commercial terms.

VALIDITY , RENEWAL and TERMINATION of the agreement:

Webakruti
We are the change

Plot No. 254, Dongre Layout, Abhyankar Nagar,
Nagpur (MH) India - 440010

+91-9021345794, +91-7387863841, +91-7387990061

Ref. No. _____ Date: / /

• This agreement is valid for a period of three years from the date of this agreement. This agreement shall be renewed on the expiry of three year term and as per the terms and conditions as deemed fit at that time.

• Webakruti - Web Application Design & Software Development Company Nagpur shall approach ExTC, PRPCOEM for renewal of this agreement two months in advance before the expiry of this agreement. ExTC, PRPCOEM shall have the right to renew or reject the renewal proposal of Webakruti - Web Application Design & Software Development Company Nagpur.

Either Party may by giving one-month written notice to the other party terminate this agreement.

MR. HARISH CHOPKAR
(Co-owner & Training Director)
Webakruti, Nagpur,
Maharashtra 440010
Sign & Stamp :

WEBAKRUTI 214 Abhyankar Nagar, Nagpur 440010

Date: 23rd Jun 2021

Dr. R. D. GHONGADE
(HOD, ExTC)
PRPCOEM
AMRAVATI-444607
Sign & Stamp:

H.O.D. (EXTC Dept.)
P.R.Pote (Patil) College of Engg. & Management
Amravati.

Date: 23rd Jun 2021

Witness 1: 23.06.21
Name: Dr. G. D. Dalvi
Designation: Asst. Prof.
Organization: P. R. Pote COEM, Amravati
Signature with Date

Witness 2: 23/06/21
Name: Prof. U. W. Hore
Designation: Asst. Prof.
Organization: P. R. Pote COEM, Amravati
Signature with Date

675

3.4.2. Mech. Engg
2020 - 21

To,
Dr.S.B.Warkad

IQAC Incharge

PRPCEM, Amravati

Date: 21/10/21

Subject: Present Status of Functional MOU (3.4.2)

Respected Sir,

As per above subject due to Covid-19, Situation Mechanical Department could not Conduct any activity of MOU Indian Biodiesel Corporation Baramati for the academic year 2020-21. The MOU is valid from 2016 to 2023.

This is for your kind Information.

You're sincerely

Dr.P.R.Wadnerkar

HOD Mech

H.O.D. (Mech. Dept.)
P.R.Pote (Patil) College of Engg. & Management
Amravati.

Indian Biodiesel corporation

E-mail : ibdc.bmt@gmail.com Ph 02112- 221382 www.renewenergy.in

solely depend on the direct interview & Project work involvement & concern company's policy, Here IBDC will work as a coordinator.

4 **Research period** – We herewith declare that we'll complete this project work within time stipulated frame & submit one final project report original copy set to Indian Biodiesel Corporation before ending the academic year, the sole responsibility of submission of report on all above authorized signatory, else there will a breach of trust & Indian biodiesel corporation is claim for the same.

5 **Research work paper publication** – Research students, Project guide, HOD, Principal is fully authorized to publish their research paper Along with the name of Indian Biodiesel Corporation & IBDC-Internal, research coordinator team members name only.
If found any misuse there will be breach of trust & IBDC will take legal action against such short benefit nature of particular person, Intellectual theft is punishable offence, & IBDC reserves full right to claim for reimbursement from such misuse candidate & Institute.

6 **Confidentiality** – Research students will keep complete confidentiality related to research work, Plant set up & ongoing other work of Indian Biodiesel corporation, If any research student found misusing any Databank, Process formulations, Methods & Any Process PROTOCOL , OR Any data publication without written permission taken from Indian Biodiesel corporation authorities, it will be treated very strictly & On behalf of Research student ,above all signatory authorities will be forced to judicial action taken by Indian biodiesel corporation.

7 **After Academic research project work completion** – Associate Research project student is abide to submit one Hard copy & Soft Copy of Project Report to Indian Biodiesel corporation within 1 week of Project report submission to Academic Institute & The will strictly monitor by Project Guide & HOD, without any excuse, Otherwise considering breach of trust the action will be initiated by IBDC & Academic institute will be sole responsible for that.

8 **All rights of commercial use, Associate research paper publication, copy right, TM, Patent, and here & after are reserve with Indian Biodiesel Corporation only**. Research student may submit the Published papers for his academic use only.

9 This time stipulated Bio-fuel Associate research work student / Project guide / Any relevant Professor or student do not have any right to Publish literature , Research Paper , PPT Presentation on individual research student name & without Involvement of IBDC & Your instt. Representative Name & LOGO any kind of direct publication will treat as breach of trust.

10 This Memorandum of Understanding in between these two organizations is effective from Date: 27 / 12 / 2016 & it will be applicable till next 07 Academic Year,

To,

Dr. S. B. Warkad

IQAC Incharge

PRPCEM, Amravati

Date: 21/10/2021

Subject: Present Status of Functional MOU (3.4.2)

Respected Sir,

As per above subject due to Covid-19, Situation Civil Engineering Department could not Conduct any activity of MOU "UBIXA Training Institute (Shree Trading Company)" for the academic year 2020-21. The MOU is valid from Jan21 to Jan22.

This is for your kind Information.

Dr.S.S.Saraf

HOD Civil

H.O.D. (Civil Dept.)
P.R.Pote (Patil) College of Engg. & Management
Amravati.

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2020-21

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SHREE TRADING COMPANY

INSTRUMENTATION & TECHNOLOGY DIVISION

Address : Saturna, Badnera Road, Amravati - 444607

Office : 0721- 2511163, Email : shreeamt@gmail.com

Mobile : 7745077818 / 9823026642

Website : www.shreetradingcompany.com

MEMORANDUM OF UNDERSTANDING

I. Purpose of This MOU

This memorandum of understanding (MOU) outlines the basic agreement during operation between **"UBIXA TRAINING INSTITUTE"** and **"P. R. Pote College of Engineering and Management, Amravati"** for offering **Practical Training and Internship programs for students.**

II. Program Goal

The goal of the program is to provide the students belonging to civil engineering branch with practical training programs related to several topics such as Material Testing, Quality Control, Building Interior Design, Estimating, Costing and Quantity Surveying etc.

These certified courses are uniquely designed for providing a practical, on-site, and industrial experience to students in order to increase their proficiency in civil engineering. This would therefore help them in getting better placements and work opportunities.

The course will be taught by experienced faculty and trained engineers to ensure the quality of the program.
Internship opportunities will be provided to selected students who are willing to participate and terms will be given separately.

III. Scope

UBIXA TRAINING INSTITUTE, will be responsible for

- Scheduling the training program and Internships for students
- Designing and informing course modules to students and faculty of college.
- Arranging and executing the program
- Providing certificates to the students who have successfully completed the course
- Any specific recommendation as suggested by the faculty of the college.
- Will provide Training and Internship at cost effective rates to the students

Deliverables from P.R. Pote College of Engineering and Management, Amravati

- It will officially circulate the training information about upcoming training programs to the students by verbal communication, WhatsApp messages to all the student's official groups.
- Will encourage students from 1st to Final year to join the program for their benefits
- Will allocate time and allowance to brief students about the program in classrooms.

IV. Terms and Conditions

- This contract can be extended and improvised as and when agreed by both the parties included in this MoU.
- The stated scope and deliverables should be fulfilled by both parties as agreed and stated

SHREE TRADING COMPANY
INSTRUMENTATION & TECHNOLOGY DIVISION
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Office : 0721- 2511163, Email : shreeamt@gmail.com
Mobile : 7745077818 / 9823026642
Website : www.shreetradingcompany.com

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V. Validity of Agreement

This agreement shall commence on 1st January 2021 and will be valid till 1st January 2022. It may be amended and/or extended based upon the agreement of both stated parties.

Principal
Principal
P. R. Pote (Patil)
College of Engineering & Management
Amravati.

Head of Department
(Civil Engineering)
P.R. Pote College of Engineering
and Management, Amravati
H.O.D. (Civil Dept.)
P.R.Pote (Patil) College of Engg. & Management
Amravati.

Authorized Signatory
UBIXA TRAINING
INSTITUTE

~~362~~ 680

Since 1970

SHREE TRADING COMPANY
Instrumentation and Technology Department
Quality Control & Industrial Instruments
NABL Calibration Lab
Address: Saturna, Badnera Road, Amravati – 444607
M: 9823026642 **O:** 0721-2511163/2510357
Email: shreeamt@gmail.com

MEMORANDUM OF UNDERSTANDING

I. Purpose of This MOU

This memorandum of understanding (MOU) outlines the basic agreement during operation between "**UBIXA TRAINING INSTITUTE"** and **"Sipna College of Engineering and Technology, Amravati"** for offering **Practical Training and Internship programs for students.**

II. Program Goal

The goal of the program is to provide the students belonging to civil engineering branch with practical training programs related to several topics such as Material Testing, Quality Control, Building Interior Design, Estimating, Costing and Quantity Surveying etc.

These certified courses are uniquely designed for providing a practical, on-site, and industrial experience to students in order to increase their proficiency in civil engineering. This would therefore help them in getting better placements and work opportunities.

III. Scope

UBIXA TRAINING INSTITUTE, will be responsible for

- Scheduling the training program and Internships for students
- Designing and informing course modules to students and faculty of college.
- Arranging and executing the program
- Providing certificates to the students who have successfully completed the course
- Any specific recommendation as suggested by the faculty of Sipna College of Engineering and Technology
- Will provide Training and Internship at cost effective rates to the students

Deliverables from Sipna College of Engineering and Technology

- It will officially circulate the training information about upcoming training programs to the students by verbal communication, WhatsApp messages to all the student's official groups.
- Will encourage students from 1st to Final year to join the program for their benefits
- Will allocate time and allowance to brief students about the program in classrooms.

IV. Terms and Conditions

- This contract can be extended and improvised as and when agreed by both the parties included in this MoU.
- The stated scope and deliverables should be fulfilled by both parties as agreed and stated

V. Validity of Agreement

This agreement shall commence on 1st January 2021 and will be valid till 1st January 2022. It may be amended and/or extended based upon the agreement of both stated parties.

Principal	**Head of Department (Civil Engineering)**	**Authorized Signatory**
Sipna College of Engineering and Technology	Sipna College of Engineering and Technology	UBIXA TRAINING INSTITUTE