# Content

# 1.1.1

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# NAAC Criteria-1 AQAR 2017-18

# **List of Supporting Documents**

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1.1.1	Institution has the mechanism for well-planned curriculum delivery and documentation.

### SANT GADGE BABA AMRAVATI UNIVERSITY GAZETTE

Official Publication of Sant Gadge Baba Amravati University



PART - TWO

#### (असाधारण)

# शुक्रवार, दिनांक १६ डिसेंबर, २०१६

# अधिसूचना

क्रमांक : १२२/२०१६

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<u>्नाळी</u>

टीर्घस्टी

दिलांकः १६/१२/२०१६

शनिवार, दि. २८ एप्रिल, २०१८

शनियार, दि. १६ जून, २०१८

शनिवार, दि. १६ जून, २०१८ शनिवार, दि. ९ जून, २०१८

विषय : शैक्षणिक नियामिका .... शैक्षणिक वर्ष २०१७-२०१८

सर्व संवैधितांच्या माहिती करीता अधिसूचित करण्यात येते की, शैक्षणिक वर्ष २०१७-२०१८ ची शैशणिक नियामिका खालील प्रमाणे राहील.

(१) वा<sup>रि</sup>क गद्धतीने आणि सत्र पद्धतीने राबविण्यात येणाऱ्या अभ्यासक्रमांकरीता शैक्षणिक वर्ष २०१७-२०१८ मध्ये िः ीठाये शैक्षणिक विभाग तसेच विद्यापीठाशी संलग्नित महाविद्यालयांतील प्रथम सत्र, हिवाळी दीर्घ सुदी, द्वितीय सत्र आणि उन्हाळी दीर्घसुटी व त्यांचे अवसान खालील तक्ता-१ मध्ये दर्शविल्याप्रमाणे राहील.

**ж**. सत्र/ दीर्घ संकेताक्षर 窈. सुटी सोमवार, दि, १९ जून, २०१७ प्रथम सन्न शनिवार, दि. १४ ऑक्टोबर, २०१७ 31 सोमवार, दि, १९ जून, २०१७ शनिवार, दि. १४ ऑक्टोबर, २०१७ ਬ शनिवार, दि. १४ ऑक्टोबर, २०१७ सोमवार, दि. १२ जून, २०१७ क सोमवार, दि. १६ ऑक्टोबर, २०१७ ाळी अ शनिवार, दि. २८ ऑक्टोबर, २०१७ #र्घसुटी ब सोमवार, दि. १६ ऑक्टोबर, २०१७ शनिवार, दि. ४ मोव्हेंबर, २०१७ क सोमवार, दि. १६ ऑक्टोबर, २०९७ शनिवार, दि. ४ नोव्हेंबर, २०१७ प्रथम सन्न अ सोमवार, दि. ३० ऑक्टोबर, २०१७ शनिवार, दि. ९ डिसेंबर, २०१७ (उर्वरित) सोमवार, दि. ६ नोव्हेंबर, २०१७ ब शनिवार, दि. ९ डिसेंबर, २०५७ सोमवार, दि. ६ नोव्हेंबर, २०१७ क शनिवार, दि. ९ डिसेंबर, २०१७ सोमवार, दि. ११ डिसेंबर, २०१७ द्वितीय सत्र 31 शनिवार, दि. १२ मे, २०१८ सोमवार, दि. ११ डिसेंबर, २०१७ शनिवार, दि. ५ मे, २०१८ ब

क अ 📑 ाशापीठाचे शैक्षणिक विभागामधील सर्व अभ्यासक्रम.

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व 🐃 🕾 पीठाशी संलग्नित महाविद्यालयांतील अभियांत्रिकी व तांत्रिकी विद्याशाखेमधील सर्व अम्यासक्रम.

सोमवार, दि. ११ डिसॅबर, २०१७

सोमवार, दि. १४ में, २०१८

सोमवार, दि. ७ में, २०१८

सोमवार, दि. ३० एप्रिल, २०१८

- क = विद्यापीठाशी संलिग्नित जर्वरीत महाविद्यालयांतील सर्व अभ्यासक्रम.
- (२) विकारिताचे शैक्षणिक विमाग/विद्यापीठाशी संलग्नित महाविद्यालयातील शिक्षक व शैक्षणिक कर्मचाऱ्यांना वरील पिञ्चत्व (१) मधील तक्ता-१ मध्ये दर्शविल्याप्रमाणे हिवाळी/उन्हाळी दीर्घ सुट्या व्यतिरिक्त खालील तक्ता-२ मधी अधीवलेल्या सार्वजनिक सुट्या राहतील, खालील सुट्यांमुळे आदश्यक अध्यापनाचे दिवस कमी झाल्यास राप्त भाषाई साप्ताहिक सूटीच्या दिवशी करण्यात यावी.

#### <u>तक्ता -२</u>

अ. क्र	<b>ंष</b>	दिवस य दिनांक
9.	रमझान ईद	सोमवार, दि. २६ जून, २०९७
₹.	भ्यातंत्र्य दिन	मंगळवार, दि. १५ ऑगस्ट, २०१७
3.	ारशी नववर्ष दिन (पतेती)	गुरुवार, दि. १७ ऑगस्ट, २०१७
꿈.	ंभेश च <b>तुर्थी</b>	शुक्रवार, दि. २५ ऑगस्ट, २०१७
41.	ारी <b>ईंद</b>	शनिवार, दि. २ सप्टेंबर, २०१७
£.	्सरा	शनिवार, दि. ३० सप्टेंबर, २०१७

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#### SANT GADGE BABA AMRAVATI UNIVERSITY GAZETTE - 2016 - PART TWO -179

ı.	महात्मा गांधी जयंती	सोमवार, दि. २ ऑक्टोबर, २०९७
۷.	गुरुनानक जयंती	शनिवार, दि. ४ नोव्हेंबर, २०९७
٧.	ईद-ए-मिलाद	शुक्रवार, दि. १ डिसेंबर, २०१७
90.	खिसमस	सोमवार, दि, २५ डिसेंबर, २०१७
99.	प्रजासत्ताक दिन	शुक्रवार, दि. २६ जानेवारी, २०१८
97.	<b>ःशरिवरात्री</b>	मंगळवार, दि. १३ फेब्रुवारी, २०१८
93.	<b>ंत्रपती शिवाजी महाराज जयंती</b>	सोमवार, वि. १९ फेब्रुवारी, २०१८
9૪.	होळी (धूलिवंदन)	शुक्रवार, दि. २ मार्च, २०१८
٩५.	। महावीर <b>जयंती</b>	गुरुवार, दि. २९ मार्च, २०१८
٩ξ.	<b>ਪ੍ਰੰ</b> ड फ्रायडे	शुक्रवार, दि. ३० मार्च, २०१८
9७.	। डॉ. बाबासाहेब अविडकर जयंती	शनिवार, दि. १४ एप्रिल, २०१८
٩८.	् <b>ध्दपौर्णिमा</b>	सोमयार, दि. ३० एप्रिल, २०१८
<b>9</b> ९.	िहारा <b>ष्ट्र दिन</b>	मंगळवार, दि. १ मे. २०१८

(३) शैक्षणिक वर्ष २०१७-२०१८ मधील संस्थानिहाय प्रथम सन्नारंभापासून तर द्वितीय सन्नावसानापर्यंत उपलब्ध होणाजा (रविवार, हिवाळी दीर्घ सुटी (रविवार वगळून), सार्वजनिक सुट्या मिळून एकूण दिवस, एकूण शैक्षणिक देवस, प्रवेश, परीक्षा उपक्रम, अध्यापनरहीत एकूण दिवस, आणि अध्यापनासाठी उपलब्ध असलेले) एकूण विवस, संबंधी सांख्यिकीय माहिती खालील तक्ता-३ मध्ये दर्शविल्याप्रमाणे आहे.

<u>तक्ता-३</u> (Under U.G.C. Regulation 2010)

Categoriza: a				mber of We y a Week Pa			•	
	Presci	ribed	1	for Universi partments	ity		l for Affil Colleges	iated
	University	College	First Session	Second Session	Total	First Session	Second Session	Total
Teaching & Learning Process	30	30	15	15	30	15	15	30
Admissions Examination	12	10	6.4	5.2	12	5.4	4.2	10
Vacation	8	10	3.0	4.0	7	3	6	9
Public Holid	2	2	1.2	1.4	3	1,2	1.4	3
Total	52	52	26	26	52	25	27	52

Notes: (i) Public Holidays are being increased by adjusting vacation.

- (ii) 0.1 Week means 01 day and 1 Week means 6 days.
- (४) अह াতী उपलब्ध असलेल्या दिवसपिक्षा जास्त दिवस अध्यापनासाठी उपलब्ध होतील या दृष्टीने विद्य ीशणिक विभाग प्रमुखानी/ संलग्नित महाविधालयांच्या प्राधार्यांनी प्रयत्न कराया.
- (५) शेक्ष : वर्ष २०१७-२०१८ मध्ये अध्यापन कार्य एकूण किती दिवस करण्यात आले या संबंधीची माहिती शैक्षा : विभाग प्रमुखानी / प्राचार्यांनी शैक्षणिक वर्षाच्या अखेरीस विद्यापीठास कळवाती.
- (६) बिहा कि ज्या शैक्षणिक विभागातील / विद्यापीठाशी संलग्नित महाविद्यालयातील शिक्षक व शैक्षणिक कर्मकिकाना तक्ता-२ मध्ये दर्शविण्यात आलेल्या सुट्यांव्यतिरिक्त राज्य शासनाने जाहीर केलेल्या इतर सुट्या आहे क्ष्या जिल्हाधिकान्यांनी जाहीर केलेल्या सुट्या उपभोगता येणार नाहीत. तथापि, यासंदर्भात अनुषंगिक निर्ण क्ष्याचे अधिकार कुलगुरूना राहतील.

स्वा/-(डॉ. अजय प्र.देशमुख) कुलसचिव, संत गाडगे यथा अमरावती विद्यापीठ

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P. R. POTE PATIL EDU. & WELF. TRUST'S, GROUP OF INSTITUTES, COLLEGE OF ENGINEERING & MANAGEMENT, AMRAVATI

ACADEMIC CALENDER 2017-48
JUNE - 2017 TO MAY 2018

	-	Actual 7			AST COLUMN TO THE PARTY OF THE
		M. Gandhi	Bakri Eid M. Gandhi	-	-
Sunday					
Gurinanak Jayanti					
Sunday					
	-			, Appure	Smday
	-				
		Sunday	Aepuns	Sinday	
	-				Sunday
Sunday	$\dashv$		Sunday	Sunday	Sunday
Start of					
Sunday		Unit Test-3	Unit Test-3	Unit Test-3	Unit Test-3
		Unit Test-3	Unit Test-3	Sunday Unit Test-3	
	e e	End of Session Unit Test-3	End of Session Unit Test-3		
		Sunday	Aspun's	Independence Day	3
	-				
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		Diwali	Unit Test-2 Diwali		Unit Test-2
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	_			Ganesh Chaturthi	
Sunday					
				Sunday	Sunday
		Sunday	Sunday	Sunday	Sunday
			Dashera	Dashera	Sunday Dashera
Sunday					

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

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2017-2018	Tinu	24	4,500	Sun	24		Tue	24		Fri	24		Sun	24	
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EN	ı Fr	4		Sun Mon	4	BAKRI ID	Wed	4		Sat	4	GURUNANAK	Mon	4	SUBMISSION
Z.	od Thu	3			ო		Tue	3		J Fri	6		Sun	т	
2	Tue Wed	2	SessionBegins	ri Sat	2		Sun Mon	2	Gandhi Jayanti	ad Thu	2		Sat	2	SUBMISSION
EM-		7		Y Fri	-			~	E THE HOLD	Y Wed	-		/ Fri	-	ID-E-MILAD
E.	DAY	ď	LECTURES	DAY	Ď,	LECTURES	DAY	ď	LECTURES	DAY	D.	LECTURES	DAY	ď	LECTURES
A			₽uA			Sept.			October			November		14	December

PROF. P. R. Wed PROF. G. B. MALV HADR. N. R. THAKARE PROF. P. R. W.

ACADEMIC CALENDAR I/C

	_	= skep	No. of working	52	= skep	No. of working	9	sys = 2	No. of working d	9	r = ske	No. of working da
	Wed	31										
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	Fri	26	Republic Day	Sat	27		Sun	27		Wed	27	
8	Thu	25		Æ	26		Sat	26	II-eseT jinU	Tue	26	
- 201	Wed	24		μ	25		E	25	GOOD FRIDAY	Mon	25	
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	Fri	19		Sat	20		Sun	20		Wed	20	
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<b>FIRST YEAR</b>	Wed	17	Water I	Thu	18		Fri	18		Mon	18	
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	Mon	15		Tue	16		Wed	16		Sat	16	III-†seTjinU
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ACADEMIC CALENDAR (STUDENT	Thu	4	BECINS	Fri	ıo.		Sat	S		Tue	22	
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END	Tue	2		Wed	67		Thu	m		Sun	м	
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ADE	DAY	Dt.	вапічтоя	DAY	5	8ЭПІVІТЭ <b>А</b>	DAY	겁	<b>ВЗПІ</b> МПЭА	DAY	Df.	антіуптэа
AC			neL			Feb	+	_	Матсћ		216	lingA

malisiya G8. Sign. Prof. G. B. Malviya Academic Calendar I/C

ACAD-F-01, Rev.: 00 Date: 01-06-2012

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

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

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Theory Examination Starts from 14/11/2014 to 17/12/2015

(Prof. R. D. Ghongade )
Head Of The Department

P.R. Pote (Patil) College of Engg. & Management H.O.D. (EXTC Dept.) Amravati

ACAD-F-01, Rev.: 00 Date: 01-06-2012

(Dr. Mrs. S. D. Wakde ) Principal

ACAD-F-01, Rev.: 00 Date: 24-06-2013

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

# B. E. ACADEMIC CALENDER

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

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Theory Examination Starts from --- April-2016

(Prof. R. D. Ghongade)
Head of the Department

H.O.D. (EXTC Dept.)

P.R.Pote (Patil) College of Engg. & Management

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DM - Departmental Meeting WS-Workshop

PS - Practical Submission TQ - Technical Quiz

CT - Common Test Management Meeting

Total Working Days: 159

(Prof. Dr. S. D. WACHDE)

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

> C.R. Pote (Paril) Education & Welfare Trust's Group of Institutions (26) 11 Tagg. & Management

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(Prof. C.A. 191/2016 Head Of The Department

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ACADEMIC CALENDAR (Staff)	Tue Wed Thu	7		<del></del>	F	7		17 I X	Fri	~	<del>  -</del>	<del></del>	Ĕ	67	<u> </u>		Thu		
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P. R. Pote (Patil) Education & Welfare Trust's Group of Institutions College of Engg. and Management

PM - Principal Meeting N - Industrial Visit

GL - Guest Lecture PD-Project(Mini) Demo

DM - Departmental Meeting WS-Workshop

PS - Practical Submission TQ - Technical Quiz

MM-Management Meeting/ CT - Common Test

Principal

f. S. Fote (Parl) Education & Welfare Trust viroup of Institutions College of Engg. & Management. Kathora Road. Amrayati.

(Prof. C.A. Dhawelle

Head Of The Department H.C.D. Dept. on MCA

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Format No: PRPCEM/Acad/4.1

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	S		ter : I (OD	<b>D</b> )		ROUP "B			E.F.01/08/2	2017
Day	ROOM NOS.	Time Sec	11.00-12.00	12.00-1.00	1.00 to 1.30	1.30-2.30	2.30-3.30	3.30 to 3.40	3.40-4.40	4.40-5.40
,		E	CHE-ADB	M2-SSK		CP-SRG	EE-RVA		CP- PPD/CHE-	NAK/EE-
MONDAY		F	CHE-NAK	CP-SVD		M2-	GBM		EE-SAJ	COUNSELLING ibrary
õ		G	CP-SRG	EE-RVA		CHE-YKV/CI	P-PPD/EE-		CHE-ADB	M2-GBM
2		Н	CP-AVD/CHE-	YKV/EE-		CP-AVD	EE-SAJ		M2-SSK	CHE-YKV
χ.		E	M2	-SSK		CP-SRG	CHE-ADB		EE-RVA	COUNSELLING/ ibrary
TUESDAY		F	EE-SAJ	M2-GBM		CP-SVD/CH	E-NAK/EE-		CHE-NAK	CP-SVD
UES		G	CHE-ADB	CP-SRG		EE-RVA	M2-GBM		EE- /CH	E-YKV/CP-PPD
F		Н	CP-AVD	CHE-YKV		M2	-SSK		EE-SAJ	COUNSELLING ibrary
Y		E	EE- /CP-I	PPD/CHE-NAK		CHE-ADB	EE-RVA		M2-SSK	CP-SRG
SDA		F	M2-GBM	CHE-NAK	ĺ	CP-SVD	EE-SAJ	1	EE- /CP-	SVD/CHE-NAK
WEDNESDAY		G	EE-RVA	CP-SRG		M2-	-GBM		CHE-ADB	COUNSELLING/ ibrary
N.		Н	M2-SSK	EE-SAJ		CHE-YKV/E	E- /CP-AVD		CHE-YKV	CP-AVD
v		E	WOR	KSHOP		CP-SRG	EE-RVA		M2-SSK	CHE-ADB
DA		F	CHE-NAK	EE-SAJ			KSHOP	1	M2-GBM	CP-SVD
THURSDAY		G	CP-SRG	EE-RVA		CHE-ADB	M2-GBM	1	CP-PPD/EI	
H		Н	CHE-YKV	CP-AVD			VD/CHE-YKV		EE-SAJ	M2-SSK
>		E	CP-SRG	EE-RVA		CHE-NAK/E	E- /CP-PPD		CHE-ADB	M2-SSK
(A)		F	CP-SVD	M2-GBM		CHE-NAK	EE-SAJ	1	CHE-NAK/I	EE- /CP-SVD
FRIDAY		G	EE-RVA	CHE-ADB		WOR	KSHOP		M2-GBM	CP-SRG
II.		Н	EE-SAJ	M2-SSK		CHE-YKV	CP-AVD		WOF	RKSHOP
	Time		08:30 - 09:30	09:30 - 10:30	10.30- 11.00	11.00: 12:00	12:00 - 01:00			
ķ		E	M2-SSK	EE-RVA		CHE-ADB	CP-SRG	]		
RD/		F	CP-SVD	CHE-NAK		EE-SAJ	M2-GBM	]		251
SATURDAY		G	M2-GBM	CHE-ADB		CP-SRG	EE-RVA			1
SA		Н	EE-SAJ	CP-AVD		M2-SSK	CHE-YKV			11/

Prof. V.K. Vyawahare

Time Table I/C

Prof. P.R. Wadherkar

Head of the Department

Prof. Dr. S. D. Wakde

# Format No: PRPCEM/Acad/4.1

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

# Master Time Table Odd 2017-18

Semester: III, V. & VII Effective from: 17/07/2017

Day	Time Year	Div	11:00-12:00	12:00-1:00		1:30-2:30	2:30-3:30	3:40-4:40	4:40-5:40
MI.	A STATE OF	A	M1 <sup>3</sup> -1	MOM		M-III(I)/ET(II)	ET(I)/M-III(II)	M1-FP-I; M2-	MOM;M3-MP-I
	il Year	В	MP-I	FP-I		MOM	EVS	MIII(I)/Lib(II)	Lib(I)/M-III(II)
day	III	A	MI-TOM-I; M	2-CSA-I; M3-HT		MS	4EE	TOM-I	MINI PROJECT
Monday	Year	В	HT(I)/TOM(II)	TOM(I)/HT(II)		IEE	MS	M1-TOM-I; N	M2-PT; M3-HT
	Final	A	MDD-II	EC-II		M1-AE; M2-E	EC-II; M3-Mech	Mech	Tech. Test
	Year	В	MI-AE: M2-	-EC-II; M3-TE		EC-II	AE	TE	Tech. Test
		Α	MI-MOM: MI	2-MP; M3-CAD		M-III	FP-1	EΤ	MINI PROJECT
	II Year	В	M-111	EΓ		M1-FP-I; M2-	мом; мз-мг	MP-I	MINI PROJECT
Tuesday	-m	A	TOM-I	IEE		PT	117	M1-HT; M2-	TOM; M3-MS
Luc	Year	В	M1-1/1; 0.12-1	TOM-I; M3-MS		PT	117	IEE	MINI PROJECT
	Final	Α	AE(1)/ IMC(11)	AE(11)/ 1MC(1)		LC-II	MDD-II	M1-Mech;M2-N	IDD-II;M3-EC-II
	Year	В	MDD-LL	AE(I)/IMC(II)	S	IMC(1)/AE(II)	EC-II	Tech. Apti.	PROJECT
	II	A	Mi-i	ET	1:00-1:30 RECESS	M1-MP-I; M2-	-CAD; M3-FP-I	FP-I	Comm. Skill
N.	Year	В	ET ET	M-III	RE	MP-I	MOM	MI-MP-I; M2	-CAD; M3-FP-I
Wednesday	111	A	M1-CSA-I; M2	2-PT; M3-TOM-I	:30	PT	Hi Hi	S MS	MINI PROJECT
edn/	Year	В	N.S	TOM-I	1-0	IEE	PT	TH	MINI PROJECT
=	Final	A	AE	MDD-II	] <u>:</u> :	IMC	Mech(1)/ Lib(II)	Lib(1)/Mech(II	PROJECT
	Year	В	INIC	MDD-II		TE	EC-II	MI-TE; M2-MI	DD-II; M3-EC-II
		А	MP-I	FP-I		M-III	MOM(1)/LIB(II)	ET	Lib(I)/MOM(II)
	ll Year	В	MOM(I) ET(II	ET(I) MOM(II)		MP-I	FP-1	M1-MOM:M3	2-MP;M3-CAD
Phursday	III	A	M1-PT; M2-P	MS; M3-CSA-I		TOM-I	MS	HT	PT
E I	Year	В	Tersi-L	111		M1-CSA-I; M2-	-MS; M3-TOM-I	MS	PT
	Final	Α	V.1	INIC		MDD-II	EC-II	PROJECT (	& SEMINAR
_	Venr	В	MD	EC-Hd/1E(II)		TE(I) EC-II(II)	:7/1	PROJECT	& SEMINAR
		A	N.	MOM		M-111	FP-1	ET	EVS
	II Year	В	M-111	1-11-1		MI-CAD; M21	FP-I; M3-MOM	ET	Comm. Skill
Friday	m	A	3 17	HT(1)/ TOM-1(II		MI-MS; M2	2-HT; M3-PT	TOMI(I)/HT(II)	Lib
E	Year	В	M1-MS: 142-	HT; M3-CSA-I		TOM-I	PT	MS	Lib
	Final	A	Tech. April.	Méch		AE	IMC	MI-MDD-II; M	2-MECH; M3-AE
	Year	В	M1-1 1 M2-	AE; M3-MDD-II		AE	MDD-II	IMC	Lib
Day	Time Year		08:00 - 5.7850	09:00 - 10:00		10:30 - 11:30	11:30 - 12:30	12:30-1:30	
	П	Α	MOM	M-111	ESS	MI-CAD; M2-	FP-I; M3-MOM	Counseling	
	Year	В	MOM	PP-1	RECESS	ЕТ	M-III	Counseling .	
day	m	А	Har	HT		MS	TOM-I	Counseling	
Saturday	Year	В	M1-1.1. 512-	0"SA-1: A13 PT	10:00 -10:30	TOM-I	417	Courseling	
10	Final	A	EC-II	Mech	10:0	M1-EC-II: M2-/	AE; M3-MDD-II	Counseling	
	Year	В	MI-MI (D-II; )	M2-TE: M3-AE		TE	IMC	Counseling	

M.				Theory		
	Second year (SM-I)		Thi	rd Year (TM-I)		Final Year (FM-I)
Subject	Name of the Staff	Subje	ct	Name of the Staff	Subject	Name of the Staff
M-III	Prof. J. S. Wath	PT		Prof. H. S. Umale	MDD-II	Prof. S. G. Dalu
MOM	Prof. P. K. Shivankar	HT		Prof. S. Pi. Yeole	EC-II	Prof. V. G. Gore
FP-I	Prof. G. S.Mahalle	MS		Prof. S. A. Garud	· IMC	Prof. P. K. Shiyankar
ET	Prof. P. B. Ingle	TOM	-I	Prof. P. S. Ardak	AE	Prof. M. G. Walecha
MP-I	Dr. S. G. Fale	IEE		Prof. A. R. Wadnerkar	Mech.	Prof. S. S. Dhoke
EVS	Prof				03.0165(50011)	
				Practical	-	
	Second year (SM-I)			rd Year (TM-I)		Final Year (FM-I)
Subject	Name of the Staff	Subje	ct	Name of the Staff	Subject	Name of the Staff
MOM (Lab)	Prof. P. K. Shivankar	PT (Lab)	)	Prof. H. S. Umale'	MDD-II (Lab)	Prof. S. G. Dalu
FP-I (Lab)	Prof. G. S. Mahalle	HT (Lab)	)	Dr. V. B. Gawande	EC-II (Lab)	Prof. V. G. Gore
MP-I (Lab)	Prof. K. N. Kariya M2, M3 Prof. H. S. Umale M1	MS (Lab)		Prof. S. A. Garud	AE (Lab)	Prof. M. G. Walecha
(Lab)	Prof. D. K. Chavan	TOM (Lab)		Prof. P. S. Ardak	Mech (Lab)	Prof. S. S. Dhok
		CSA- (Lab		Prof. S. J. Deshmukh		
				Theory		
5	Second year (SM-II)		Thir	d Year (TM-II)	F	Final Year (FM-II)
Subject	Name of the Staff	Subjec	et	Name of the Staff	Subject	Name of the Staff
М-Ш	Prof. J. S. Wath	PT		Prof. S. J. Deshmukh	MDD-II	Prof. A. S. Shaikh
MOM	Prof. P. S. Ardak	HT		Prof. K. N. Kariya	EC-II	Prof. D. K. Chavan
FP-I	Prof. M. G. Walecha	MS		Prof. S. B. Patond	IMC	Prof. P. V. Jane
ET	Dr. V. B. Gawande	TOM-	·I	Prof. S. P. Yeole	AE	Prof. R. S. Pokale
MP-I	Prof. S. S. Mendhe	IEE		Prof. A. R. Wadnerkar	TE	Prof. R. K. Kulkarni
EVS	Prof					
			1	Practical		Ğ. Vəfseha
S	Second year (SM-II)		100000	rd Year (TM-II)		Final Year (FM-II)
Subject	Name of the Staff	Subject		Name of the Staff	Subject	Name of the Sta
MOM (Lab)	Prof. S. S. Mendhe M3 Prof. P. V. Jane M2 M1	PT (Lab)	Pro	f. S. S. Mendhe	MDD-II (Lab)	Prof. A. S. Shaikh
FP-I (Lab)	Prof. P. B. Ingle	HT (Lab)	Pro	f. K. N. Kariya	EC-II (Lab)	Prof. S. B. Patond M2, M Prof. V. G. Gore M1
MP-I (Lab)	Prof. A. S. Shaikh	MS (Lab)	Pro	f. S. B. Patond	AE (Lab)	Prof. R. S. Pokale
CAD (Lab)	Prof. P. V. Jane M-1,M-2 Prof. D. K. Chavan M-3	TOM (Lab)	Pro	f. S. P. Yeole	TE (Lab)	Prof. R. K. Kulkarni
	,	CSA-I (Lab)	-	f. S. J. Deshmukh M2, M3 f. S. A. Garud M1	(1.40)	

Time Table I/C

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# Format No: PRPCEM/Acad/4.1

# P. R. Pote (Patil) College of Engineering and Management Amravati Department of Mechanical Engineering Master Time Table summer 2017-18

Semester:IV, VI, &VIII

Effective from: 13/01/2018

Day	Time Year	Div	11:00-12:00	12:00-1:00		1:30-2:30	2:30-3:30		3:40-4:40	4:40-5:40
		A	EM	MP-II		CAD-M1; MP	-II-M2; MD&D-M3		EVS	EC-I
	II Year	В	EM	EC-I(1)/BEDC(2)		MDD-I	BEDC(1)/EC-I(2)		BEDC-M1; CAI	D-M2; MP-II -M3
Jay	Ш	A	RES	CSE		TOM-II-M1;	CS-M2; FP-II-M3		TOM-II(1)/FP-(2)	TOM-II(1) FP-(2
Monday	Year	В	FP-II(1)/TOM-II(2)	TOM-II(1)/FP-II(2)		CSE	CSA-II		FP-II-M1; CS-N	M2; TOM-II- M3
	Final	A	RAC-M1; C	RT-M2; IC-M3		RAC	ICE	1 1	Lib	orary
	Year	В	AE	ICE		RAC-M1;	ORT-M2; IC-M3		Lit	orary
		A	MP-II	BEDC(1)/EC-I(2)		EM	EC-I(1)/BEDC(2)		`EC-I-M1; MD&	&D-M2: MPII-M3
	II Year	В	EM	MP-II		EM-M1; BE	DC-M2; MDD-M3		EC-I	EVS
day	O'II	A	CSA-II	FP-II		TOM-II	CSE		Mini	Project
Tuesday	ear	В	RES	TOM-II		CS	FP-II	1	CSA-II-M1; FI	P-II-M2; CS-M3
-	Final	A	AE	ORT		RAC	ICE	1 1	PRC	JECT
	Year	В	ORT	ICE	١.,	AE	RAC		PRO	JECT
		A	EC-I	MDD-I	334	MD&D-M1	EM-M2; BEDC-M3	SSE.	BEDC	EM
>	II Year	В	EM	EC-I	DEC	MP-II	BEDC	-30-3-40 RECES	CAD-M1; MP-	-II-M2: EM -M3
Wednesday	III	A	RES	CSA-II	30 1		-II-M2; CSA-II-M3	101	TOM-II	CS
adne	Year	В	CS-M1; TOM-	II-M2; CSA-II-M3	1	CS	TOM-II	13.	CSE	FP-II
×	Final	A	ICE	ORT	1.00.1	AE	RAC	3.30	IC-M1; RAC	-M2; ORT-M3
	Year	В	ICE-M1; RA	C-M2; ORT-M3		RAC	ORT		TECI	APTI
		A	MDD-I	BEDC		MP-II	EC-I		EM-M1; BED	C-M2; EC-1-M3
	II Year	В	EM	BEDC		MD&D-M1	EM-M2; EC-I-M3		MP-II	MDD-I
Thursday	Ш	Α	TOM-II	CSA-II		FP-II	Appt. Training		FP-II-M1; CSA-I	I-M2; TOM-II-M3
hurs	Year	В	TOM-II-M1 CS	SA-II-M2; FP-II-M3		RES	Appt. Training		FP-II	CSA-II
_	Final	Α	ICE	AE		ORT	RAC		PRC	JECT
-	ear	В	ORT	ICE		ORT-M1;	IC-M2; RAC-M3		PRC	DJECT
	.,	A	EM	EC-I		BEDC M1;	CAD-M2; EM-M3		MP-II	MDD-I
	II Year	В	EC-I-M1; MD	&D-M2 CAD-M3		EC-I	MDD-I		BEDC	EM
lay	III	A	CSE	CS		FP-II	Appt, Training		CSA-II-M1; FI	P-II-M2; CS-M3
Friday	Year	В	TOM-II	RES		CSE	Appt. Training			Project
	Final	A	ORT-M1; I	C-M2; RAC-M3		AE	ORT		PRO	JECT
	Year	В	AE	ORT		ICE	RAC		PRC	JECT
			8:30-9:30	9:30-10:30	.,	11:00-12:00	12:00-01:00		01:00 -	01:30
	II	A	MP-II-M1; E	C-I-M2; CAD-M3	ES	BEDC	Appt. Training			
	Year	В	Appt. Training	EC-I	REC	MP-II-M1; E	C-I-M2; BEDC-M3			
day	Ш	A	FP-II	CSE	0:30	TOM-II	RES		Couns	eling
Saturday	Year	В	FP-II	TOM-II	to 1	CSE	CSA-II			The for H-Ma
S	Final	Α	RAC	AE	10:00 to 10:30 RECESS	TE	CH APTI			USA 1
_	Year	В	RAC	AE		TE	CH APTI			

	(2) ( )		eory	E:	nal Year (FM-I)
	nd year (SM-I)		Year (TM-I) Name of the Staff	Subject	Name of the Staff
Subject	Name of the Staff	Subject		ORT	Prof. R. K. Kulkarn
EC-I	Prof. K. N. Kariya	TOM-II	Prof. A. S. Shaikh		Prof. V. G. Gore
MP-II	Prof. S. S. Mendhe	FP-II	Prof. S. B. Pantond	RAC	
MD&D	Prof. M. G. Walecha	CSE	Prof. P. K. Shivankar	AE	Prof. S. P. Yeole
EM	Prof. S. J. Deshmukh	CSA-II	Prof. A. P. Date	ICE	Prof. S. B. Patond
BEDC	Prof. M. R. Natkut	COMM.SKILL	Prof. S. H. Telkhede		
EVS	Prof. Y. K. Vyawahare	RES	Prof. S. P. Yeole		
		Prac	etical		
Seco	nd year (SM-I)	Third	Year (TM-I)		nal Year (FM-I)
Subject	Name of the Staff	Subject	Name of the Staff	Subject	Name of the Staff
CAD	Prof. S. J. Deshmukh	TOM-II	Prof. A. S. Shaikh	RAC	Prof. V. G. Gore
EC-I	Prof. D. K. Chavan	FP-II	Prof. S. P. Yeole	ICE	Prof. S. B. Patond
MD&D	Prof. M. G. Walecha	CSA-II	Dr. R. R. Bhure	ORT	Prof. R. K. Kulkarn
EM	Prof. H. S. Umale	COMM.SKILL	Prof. S. H. Telkhede		
BEDC	Prof. M. Natkut				
MP-II	Prof. S. S. Mendhe				
		The	eory		Annual desired
Seco	ond year (SM-II)		Year (TM-II)	Fi	nal Year (FM-II).
Subject	Name of the Staff	Subject	Name of the Staff	Subject	Name of the
EC-I	Prof. P. B. Ingle	TOM-II	Prof. P. S. Ardak	ORT -	Prof. S. G. Dalu
MP-II	Prof. R. S. Pokale	FP-II	Prof. K. N. Kariya	RAC -	Prof. G. S. Manalle
MD&D	Prof. S. A. Garud	CSE	Prof. S. S. Dhoke	AE -	Prof. H. S. Umale
EM	Dr. S. G. Fale	CSA-II	Prof. A. P. Date	ICE	Prof. D. K. Chavhan
BEDC	Prof. A. G. Khandekar	COMM,SKILL	Prof. S. H. Telkhede		
EVS	Prof. H. R. Dhanbar	RES	Prof. G. S. Mahalle		
LVS	1101.11. It. Dianous		etical		
Sacr	ond year (SM-II)		Year (TM-II)	Fir	nal Year (FM-II)
Subject	Name of the Staff	Subject	Name of the Staff	Subject	Name of the Staff
\ CAD	Prof. P. K. Shivankar	TOM-II	Prof. P. S. Ardak	RAC	Prof. G. S. Mahalle
EC-I	Prof. P. B. Ingale	FP-II	Prof. K. N. Kariya	ICE	Prof. D. K. Chavhar
MD&D	Prof. S. A. Garud	CSA-II	Dr. R. R. Bhure	ORT	Prof. S. G. Dalu
EM	Prof. S. S. Dhoke	COMM.SKILL	Prof. S. H. Telkhede		
BEDC	Prof. A. G. Khandekar	COMINI.SKILL	Tion of the reminde		
					4
MP-II	Prof. R. S. Pokale				A STATE OF THE PARTY OF THE PAR

(Prof. G. S. Mahalle ) Time Table I/C (Dr. S. G. Fale ) H.O.D

40 B

Or Mrs S. D. Wakde) Principal

Format No: PRPCEM/Acad/4.1

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

MASTER TIME TABLE, Winter - 2017

Sem	tester: Od	ld (I,III,V)				•		WEE	:-8/8/2017	)
Даγ	Jime Dlv	11.00-12.00	12.00-1.00 pm		1.30-2.30 pm	2.30-3.30pm		3.45-4.45pm	4.45-5.45pm	-
	1 Year	:CSK(IGB)	CO(ASB)	75 76 74	COSM(BAR)	COSMIRAPI		a Continue (obse	CENERA(SM)	
Mon*	11 Year	COOT(RK)	E ESDP(NEK)		QS.Br.(FAR)	FEEDS-BZ(NEK)	Postace en parties	and the second of the second o	#2(04() (24)	変要が かんこ
	III Year	PROJ	573 <b>834</b> 92		SPM(SMI)	SAS(RVIA)		Finisi	. : : : : : : : : : : : : : : : : : : :	* * *
7	l Year	CO(ASB)	CPP(PST)		POM(SMJ)	TECHNICAL (CAD)		CSK-B1(JGB) -	* 1000 8 6 6 6 7 (\$400 \$2)	<u> </u>
Tue*	li Year	OS(CAD)	JAVA(VMK)		JAVA-B1(VMK	)+ COOT-B2(RVM)		CN(RVM)	TECHNICAL (VMK)	-
	III Year	SAS-B1(RVN	1)+SPM-B2(SMJ)	RECESS	DWM(ASB)	AI(SDP)	BREAK	SPM(SMJ)	TECHNICAL (SMJ)	-
	) Year	CSK(JGB)	CPP(PST)	30 PM R	CO(ASB)	POMŠMŲ	SHORT BREAK	CEAR-BL(SMJ)+		<u>፣</u> ርጉ
Wed*	II Year	OS(CAD)	EOOT(RK)	1.00-1.3	COOT-B1/RV	M)+OS-B2(CAD)	30-3.45	JAVÁ(VNK)	TECHNICAL (VMK)	
·.	III Year	SPM-B1 SR	/J)+AI-B2(5DP)	<b>i</b>	DWM(ASB)	MIS(PST)	3.3	SAS(RVM)	TECHNICAL (CAD)	
: ! :	l Year	POM(SMJ)	CPP(PST)		COSM(BAP)	COSM(BAP)		CPP-B1(PST)+	CLAB-B2(ASB)	L
Thu	II Year	COOT(RK)	FSDP(NEK)		OS-B1(CAD)+	-JAVA-B2(VMK)		OS(CAD)	CN(RVM)	<b>-</b> 
	III Year	PROJE	CT-B1+B2		SAS(RVM)	MIS(PST)		SPM(SMJ)	Al(SDP)	. )
	l Year	CSK(JGB)	<b>PO</b> M(SMJ)		CPR(PST)	TECHNICAL(ASB)		CLAB-B1 (ASB)	e <b>CSI</b> GB2(JGB) +	: ;
Fri	II Year	FSDP(NEK)	OS(CAD)		FSDP-B1(NE	(J+OS-B2(CAD)		CN(RVM)	COOT(RK)	<del>!</del> :
	III Year	Al-B1(SDP)	+SAS-B2(RVM)	]	DWM(ASB)	SPM(\$M1)		Al(SDP)	MIS(PST)	
Day / Time	TIME / div	8.00-9.00am	9.00-10.00am	ESS	10.30-11.30am	11.30-12.30pm		12.30-1.30pm		
	l Year	CO(ASB)	CSK(JGB)	10.00-10.30 RECESS	CPP(PST)	TECHNICAL (T&P)		COUNSELING / LIBRARY		•
Sat	II Year	CN(RVM)	FSDP(NEK)	00-10	JAVA(VMK)	TECHNICAL (T&P)		COUNSELING / LIBRARY		
	III Year	AI(SDP)	DWM(ASB)	10.	SAS(RVM)	TECHNICAL (T&P)		COUNSELING / LIBRARY		

# First Year

Theo	огу	Practicals						
Subject	Staff Name	Subject (Bt)	Name of Faculty	Lab				
1MCA1-Computer Organization (CO)	Prof A S Bhande (ASB)	IMCA6- Problem Solving using c++ (A1+A2)	Prof PS Thombare	Web Tech Lab				
IMCA2- Problem Solving using CPP (CPP)	Prof P S Thombare(PST)	1MCA7-Computer Oriented Statistical Methods (A1 +A2)	Prof AS Bhande	Web Tech Lab				
1MCA3- Computer Oriented Statistical Methods (COSM)	Ms Bhagyashree Purwar (BAP)	1MCA8- Communication Skills (A1+A2)	Ms Jiya Budhwani	Class Room / Web Tech Lab				
1MCA4- Principals of Management (POM)	Prof S M Jadhav(SMJ)	1MCA9- Computer Lab I	Prof A S Bhande Prof S M Jadhay	Web Tech Lab				
1MCA5- Communication Skills (CSK)	Ms Jiya Budhwani							

# Second Year

The	ory	Practicals						
Subject	Staff Name	Subject (Bt)	Name of Faculty	1 1 2				
3MCA1-Operating System (OS)	Dr C A Dhawale (CAD)	3MCA6-Operating System (A1+A2)	Dr C A Dhawale (CAD)	Lab Web Tech				
3MCA2- File Structure & Data	Prof N E Karale	3MCA7- File Structure & Data	Prof N E Karale	Lab Web Tech				
3MCA3- Java Programming (JP)	Prof V M Kale (VMK)	3MCA8-Java Programming	Prof V M Kale	Lab Web Tech Lab				
3MCA4-Computer Networks (CN)	Prof R V Mahule(RVM)	3MCA9- Computer Oriented	Prof R V Mahule(RVM)	Web Tech				
3MCA5- Computer Oriented Optimization	Ms Radhika Kharode	Optimization						

# Third Year

The	ory	Practicals						
Subject	Staff Name	Subject (Bt)	Name of Faculty	Lab				
5MCA1-Artificial Intelligence	Prof S D Pande (SDP)	5MCA1-Artificial Intelligence	Prof S D Pande (SDP)	Computer Centre				
5MCA2-Software Project Management	Prof S M Jadhav (SMJ)	5MCA2-Software Project	Prof S M Jadhav (SMJ)	Computer Centre				
5MCA3-System Administration & Security	Prof R V Mahule (RVM)	5MCA3-System Administration & Security	Prof R V Mahule (RVM)	Computer Centre				
5MCA4-Management Information System	Prof P S Thombare (PST)	5MCA6- Project	(CAD,PST, SMJ, ASB, RVM, VMK)	Computer Centre				
5MCAS-Data Mining & Warehousing	Prof A S Bhande (ASB)							

(Prof. A S Bhande) Time Table I/C

Lecturar /A.P.

(Dr C. A Dhawale) H.Q.D

H.C.D. Dent of MCA

P.R. Pote (Patil) Dec. 1988 Welfare Trust & R. Pote (Patil) Eding 1988 Welfare Trust's Group of Institutions College of Engg. & Management Kathora Road, Amravati.

(Dr S. D. Wakde)

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

Amævati.

Per Pore (Patil To gation Welfare Trust's Group of Institutions College, and Management

Format No: PRPCEM/Acad/4.1 P. R. Pote (Patil) Education & Welfare Trust's Group of Institution, College of Engineering & Management

Department of MCA

Master Time Table - Summer - 18

Semester: SYMCA -IV, FYMCA-II

Doy /									W.E.F. 01-01-18
Time	Class	11.00-12.00am	12.00-1.00pm	<del></del>	1.30-2.30pm	2.30-3.30 pm		3.45-4.45pm	4.45-5.45pm
day	SYMCA	ECOM (RRB)	DBMS (ASB)		CSC (PST)	MT(RVM)		DBMS(B1-	DBMS(B1-LAB1-ASB) +
Mon	FYMCA	BS (APD)	DS (RVM)	<del>]</del>	SAD(B1-1	SAD(B1-LAB1-SMJ) +		ECOM(BA	ECUM(B2-LABI-KKB)
дву	SYMCA	DBMS (ASB)	ECOM (RRB)	SS	CG(CAD)	Technicals (05T)	SS	CSC(B1-LABI	CSC(B1-LAB1-PST) + MT(B2-
Tues	FYMCA	DC (NEK)	SAD (SMJ)	E C E	DS(B2-L. PROJECTO	DS(B2-LAB1-RVM) + PROJECT(B1-LAB1-VMK)	CE	OOD (STAR)	LAB2-AFD)
repsəu	SYMCA	MT (RVM)	CSC (PST)	A mg	DBMS (ASB)	CG(CAD)	I A m	SEMINABOR	reconicals (SMJ)
Wed	FYMCA	DC (NEK)	SAD (SMJ)	06.1-	SAD(B2-LAB1-SMJ) + LAB1 -VMF	(B1-SMJ) + OOP(B1- LAB1 -VMK)	q 24.8	BS (ADD)	Technicals(RV
	SYMCA	CG (CAD)	MT (RVM)	00.1	CSC (PST)	Technicole	-0£.£	DBMS(B2-I	DBMS(B2-LAB1-ASB) +
Thurs ———	FVMCA	CANOL CAN			ij	DS(B1-LAB1-RVM) +		ECOM(BI	ECOM(B1-LAB2-RRB) Technicals
T	TOWN T	(CIMIC) CIAVO	OOP (VMK)		PROJECT(B	PROJECT(B2-LAB1-alistaff)		DS(RVM)	(CAD)
•	SYMCA	CSC (PST)	ECOM (RRB)		DBMS (ASB)	Technicals (RVM)		CSC(B2-LABI	CSC(B2-LAB1-PST) + MT(B1-
sbinA	FYMCA	DS (RVM)	OOP (VMK)		DC (NEK)	BS (APD)		ava ava	(0.30-
Λŧ		8.30-9.30 am	9.30-10.30 am	1	11.00-12.00 pm	12.00-1.00pm	+	$\top$	reconicals (ASB)
bruts	SYMCA	MT (RVM)	CG (CAD)	с.01 га пв00.	ECOM (RRB)	Technicals (ASB)	<u></u>	COUNSELLING / Library	
	FYMCA	BS (APD)	DC (NEK)		DS (RVM)	Technicals (VMK)	<u>  U</u>	उ	
							1		

Computer C	All Staff	Project	WebTech Lab	Prof R R Bhure	ECOM - B1,B2	
Computer C	Prof S M Jadhav	SAD	WebTech Lab	Prof A P Date	MT - B1,B2	
Computer C	Prof Vijay Kale	OOP- B1,B2	WebTech Lab	Prof P Thombare	CSC- B1,B2	
Computer C	Prof R V Mahule	DS - B1 , B2	WebTech Lab	Prof A S Bhande	DBMS - B1,82	
Lab	Name of Staff	Subject	del	Name of Staff	Subject	
<b>A</b>	FYMCA			SYMCA		
		PRACTICALS				
	Prof Anup Date	BS		Dr Chitra Dhawale	CG	
	Prof Sandeep Jadhav	SAD		Prof Roshan Bhure	ECOM	
	Prof Nikhil Karale	DC	е	Prof Rachan Mahule	MΤ	
	Prof Vijay Kale	ООР	nbare	<b>Prof Prashant Thombare</b>	CSC	
	Prof Rachan Mahule	SO	P	Prof Aparna Bhande	DBMS	
	Name of Staff	Subject	Name of Staff	Name	Subject	
	FYMCA			SYMCA		
		THEORY			٠	
						1

Seminar B1,B2 All staff

WebTech Lab

Time Table I/C

Group of Incutations College of Fagy, & Management Kathora Roca, Arm, vani PR. Pote (Patil) Education & Welfare Trist's

(Sign)

**Head of the Department** 

broup of Institutions College of Sigg. & Managemen ( 5. Fote (Paril) Education & Welfare Trust H.C.D. Dept. or MCA Kathora Road, Amravatı.

> Principal S.D. Warde

College of Engineering is Memogram —a Administra P. R. Pote (Party)

MCA-F-03, Rev.: 00 Date: 01/06-2012

# Content

# 1.1.2

Sr. No.	Particulars	Page No.
1	Cover Page	2
2	One Week Workshop on ETABS Software	3
3	One Week Workshop on Auto CAD Software	4

# NAAC Criteria-1 AQAR 2017-18

# **List of Supporting Documents**

Item No.	Content
1.1.2	Certificate/ Diploma Course introduced during the Academic year

# P.R. Pote Patil College of Engineering, Amt.

# Department of Civil Engineering

Event: One week Workshop on E Tab

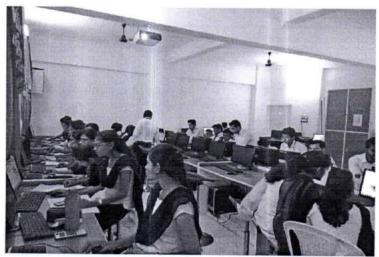
Location: Computer lab Civil engineering dept

Date: 03/07/2018-08/07/2018 | Time: 11.00am

Number of Participents: 40

Details: One week workshop on E Tab was arranged for 2nd year students of civil engineering department. Workshop was conducted by Prof. S.V. Dhoke in the computer laboratory of civil department. E Tab is essential for drawing and drafting in civil engineering structures. In the workshop student learn





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

# P.R. Pote Patil College of Engineering, Amt.

# Department of Civil Engineering

Event: One week Workshop on Auto CAD

Location: Computer lab Civil engineering dept

Date: 03/07/2018-08/07/2018 | Time: 11.00am

Number of Participents: 30

Details: One week workshop on AutoCAD was arranged for 2nd year students of civil engineering department. Workshop was conducted by Prof.A.K.Chitkeshwar & Prof.M.S.Deshmukh in the computer laboratory of civil department. AutoCAD is essential for drawing and drafting in civil engineering structures. In the workshop student learn

- · Industry oriented planning and drawing of multistoried buildings
- To Develop plan, elevation of load bearing and framed structures
- To Preparation of section, site plan, schedule of openings and area statement.
- 2D modeling of residential building.



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

# Content

# 1.2.1

Sr. No.	Particulars	Page No.
1	Cover Page	2
2	University Notification	3-4
3	Scheme of Syllabus	5
4	Skill Development Lab-I (3ETp9)	6
5	Scheme of Syllabus	7
6	Skill Development Lab-II (4ETp10)	8
7	Skill Development Lab-III (5ETp9)	9-10
8	RES (6FECH05)	11-13

# NAAC Criteria-1 AQAR 2017-18

# **List of Supporting Documents**

Item No.	Content
1.2.1	New programmes /course introduced during the Academic year
1.2.1	, <u> </u>

#### SANT GADGE BABA AMRAVATI UNIVERSITY GAZETTE

# Official Publication of Sant Gadge Baba Amravati University

PARI- IWO	
(Extra-Ordinary) Friday, the 26th July, 2019	

#### **NOTIFICATION**

No. 78 /2019

Subject :- Continuation of Prospectus No. 181741 prescribed for Sem. III & IV B.E. (Electronics & Telecommunications) (CGS) for the session 2019-2020 & onwards.

It is notified for general information of all concerned that the Prospectus No.181741 prescribed for Semester III & IV B.E. (Electronics & Telecommunication Engg.) (CGS) for the session 2017-2018 and continued upto the session 2018-2019 shall be continued for the academic session 2019-2020 & onwards with substitution of the following subjects as per Appendix - A given below:

The remaining subjects in the syllabi of B.E. Sem. III & IV (Electronics & Telecommunication Engg.) shall remain unchanged.

Sd/(Dr.H.R. Deshmukh)
I/c. Registrar
Sant Gadge Baba Amravati University

Date: 26 /07/2019

#### SANT GADGE BABA AMRAVATI UNIVERSITY GAZETTE

### Official Publication of Sant Gadge Baba Amravati University

Notification No. 79/2019 (Continuation of Prospectus No. 181712 prescribed for Sem. V & VI B.E. (Electronnics& Telecommunications) (CGS) for the session 2019-2020& onwards)

#### **NOTIFICATION**

No. 79 /2019

Date : 26/07/2019

Subject :- Continuation of Prospectus No. 181712 prescribed for Sem. V & VI B.E. (Electronics & Telecommunications) (CGS) for the session 2019-2020& onwards.

It is notified for general information of all concerned that the Prospectus No. 181712 prescribed for Semester V & VI B.E. (Electronics & Telecommunication Engs.) (CGS) for the session 2018-2019 shall be continued for the academic session 2019-2020 & onwards with substitution of the following subjects as per Appendix A given below:

The remaining subjects in the syllabi of B.E. Sem. V & VI (Electronics & Telecommunication Engg.) shall remain unchanged.

Sd/(Dr.H.R. Deshmukh)
I/c. Registrar
Sant Gadge Baba Amravati University

17-18 EXTC

Four Y ar Degree Course in Bachelor of Engineering Branch: Electronics & Telecommunication Engineering Semester Pattern (Credit Grade System)

				Olama Ama		iciano o	Sem	Semester: Third		A TACK	O. A. T. A.	STATE OF THE	8			
ż			HC	HOURS			SJ		F	THEORY	INALIE	ORY		PRA	PRACTICAL	T
No.	. Code	Subject	eture	Isirot	Œ/c	Total W\SAU	жеры	Duration Of Paper	Marks	Internal Marks	Total	Min. Passing		Max. Marks	Total	Min. Passing
			Ped	ınT	d	ЮН	О	(Hr.)	Theory Paper			Marks	Int.	Ext.		
E	THEORY												6	7		
01	3ET1	Engineering Mathematics-III	4	-	1	5	5	3	08	20	100	40	1	1	1	1
02	3ET2	Object Oriented Programming	4	1	1	4	4	3	80	20	100	40	1	1	1	ı
03	3ET3	Electronic Devices and Circuits	4	1	1	4	4	3	80	20	100	40	1	1	1	1
04	3ET4	Instrumentation and Sensors	4	1	1	4	4	3	80	20	100	40	ı	1	1	1
05	3ET5	Electromagnetic fields	4	÷	1	5	5	3	80	20	100	40	1	1	1	1
90	3ET6	Environmental Science	7	1	1	2	1	1	1	1	1	1		1	1	
PR	ACTICAL	PRACTICALS / DRAWING / DESIGN									-					
07	зетр7	Object Oriented Programming Lab	1	1	2	2	1	1	1	1	1	1	25	25	20	25
80	3ЕТр8	Electronic Devices and Circuits Lab	1	1	2	2	-	1	1	1	1	I	25	25	20	25
60	3ЕТр9	Skill Development Lab-I (Measurements, Testing & Instrumentation)	2	1	2	4	2	1	1	1	ı	1	50	50	100	25(Int.) 25(Ext)
		Total	24	7	9	32	26	-	1	-	200	1	ı	1	200	1
								-						Total		200
														,	V	

H.O.D. (EXTUDE Pt.)
9 & Fote (Patil) College of Engg. & Managem
Amrawati

# Subject(Th): 3ETp9 - SKILL DEVELOPMENT LAB-I (Measurements, Testing & Instrumentation)

#### Course Requisite:

- 1. (IB4) Electrical Engineering
- 2. (3ET4) Instrumentation & Sensors

# Course Objectives:

- 1. To understand different types of electronic testing and measuring equipments.
- To understand use of various signal/function generators and analyzers used in electronics measurements.
- 3. Use of transducers/sensors for measurements of various physical parameters.
- 4. To understand PCB design and fabrication.

#### **Course Outcomes:**

After successfully completing the course, the students will able to

- 1. Understand the principles and operation of different measuring instruments
- 2. Select the appropriate instrument for measurement and observe, read and interpret the values from different measurements.
- 3. Read the specifications from datasheets and learn the precautions & applications of the instruments.
- 4. Explore use of various transducers/sensors in measurement of various physical parameters.
- 5. Design the PCB layout and prepare PCB for given circuit.
- Develop the skill of mounting /demounting components and testing of developed circuits.

	Theory:	L
Unit-1	Digital Meters and Function/Signal Generators  (a) Digital Meters: Resolution, Sensitivity and Accuracy of digital display. Commercial Digital Multimeter- Block Diagram and operation. Voltage, Current, Resistance measurement and component testing using DMM. Auto zeroing, Auto ranging in digital instruments. LCR Q meter- Circuit diagram and operation. Digital frequency meter- Block Diagram and operation. Analog and Digital IC tester.  (b) Function/Signal Generators: Signal generator-AF and RF type- Block diagram and operation. Function generator and pulse generator- Block diagram and operation. Arbitrary waveform generator- Block diagram and operation, Power supplies- Single, Dual and SMPS.	9
Unit-2	Oscilloscope and Analyzers:  (a) Oscilloscopes CRT features, vertical amplifiers, horizontal deflection system, sweep, trigger pulse, delay line, sync selector circuits, simple CRO, CRO Probes, Lissajous method of phase measurement, standard specifications of CRO. Oscilloscope operating precautions.  Digital storage oscilloscope: Block diagram of Digital storage oscilloscope. Difference between CRO and DSO.  (b) Analyzers-  Concept of time domain and frequency domain instruments, Wave Analyzers, Harmonic Distortion Analyzers, Spectrum Analyzer, Logic analyzer, Network Analyzer.	9
Unit-3	PCB Design:- Basics of Electronic Component layout, PCB material, Properties and specifications, Basic manufacturing process of PCB, Soldering and Desoldering Techniques.	8
	Total	26

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

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			II	TEACHIN	NI	G SCHEME	ME			EXAM	INATIC	EXAMINATION SCHEME	ME			
S	Subject		H	HOURS	>		SI		I	THEORY				PRA	PRACTICAL	Т
No.		Subject	einre	lsiro	Œ/e	Total	KEDI	Duration Of Paper	Marks	Internal	Total	Min. Passing		Max. Marks	Total	Min. Total Passing
			Гeс	ınL	d	ЮН	0	(Hr.)	Theory Paper			Marks	Int.	Ext.		Marks
TH	THEORY															
01	4ET1	Signals and Systems	4	-	1	5	5	3	80	20	100	40	1	1	1	1
02	4ET2	Network Analysis	4	-	1	5	5	3	80	20	100	40	1	1	1	1
03	4ET3	Analog Electronics-I	4	1	1	4	4	3	80	20	100	40	1	1	1	1
04	4ET4	Digital Electronics	4	1	1	4	4	3	80	20	100	40	1	1	1	1
05	4ET5	Communication EnggI	4	1	1	4	4	3	80	20	100	40	1	ŧ	1	1
90	4ET6	Environmental Science	2	1	ŀ	2	1	3	L	1	ı	ı	1	1	1	I
PR	ACTICAL	PRACTICALS / DRAWING / DESIGN														
07	4ETp7	Analog Electronics-I Lab	1	!	2	2	-	1	1	1	1	1	25	25	50	25
80	4ETp8	Digital Electronics Lab	1	1	2	2	-	1	1	1	1	1	25	25	50	25
60	4ETp9	Communication EnggI	1	1	2	2	-	e e	ı	-	1	I	25	25	50	25
10	10 4ETp10	Skill Development Lab-II (Software)	2	1	7	4	2	ı	1	1	1	1	50	50	100	25(Int.) 25(Ext)
		Total	24	2	8	34	27	1	1	1	200	1	1	1	250	1
														Total		750

H.O.D. (EXT. Jupt.)
P.R. Fore (Patil) College of Engg. & Management
Amravati.

### Subject (Pr): 4ETp10 - SKILL DEVELOPMENT LAB- II (Software)

### Course Requisite:

- 1. (IB3) Computer Programming.
- 2. (3ET2) Object Oriented Programming

### Course Objectives:

- 1. To get acquainted with various web development technologies such as HTML, MySQL, Javascript used for building web applications
- 2. To develop skills in Java programming
- 3. To explore the skills in Java programming for creation of web based applications

### Course Outcomes:

After successfully completing the course, the students will be able to

- 1. Use Java programming for developing applications.
- 2. Develop simple web based applications on their own.
- 3. Handle database applications.

	Theory: SKILL DEVELOPMENT LAB- II (Software)	L
Unit-1	Principles of HTML language, developing HTML page using different tags, understanding Javascript, CSS. Developing static and dynamic web page using HTML,CSS, Javascript etc.	8
Unit-2	Servlets in Java programming, creating database connections using servlets.  Understanding MySQL and creating tables in database. Accessing databases via Java programming.	8
Unit-3	Structure of a web application, interconnecting user interfaces to servlets via Java programming.	10
	Total	26

	Experiment List
Expt-1	Develop a static web page using HTML tags.
Expt -2	Enhance the look and feel of the web page using CSS(Cascaded Style sheets).
Expt -3	Use different JavaScript tags to validate the data entered in web page.
Expt -4	Use JQuery plug-in to enhance the look and feel of the web page.
Expt -5	Learn SQL to create the database.
Expt -6	Write Java programming using servlets to print "Hello World".
Expt -7	Write Java programming using servlets to create and login into database.
Expt -8	Write Java programming using servlets to access created database.

<sup>\*</sup> Minimum 8 experiments based on/relevant to the above list which lead to design and development of a student's personal dynamic website as a Mini Project.

### Text Books:

- 1. "HTML and CSS: Design And Build Websites", Jon Duckette, John Wiley & Sons, inc.
- 2. "Javascript and Jquery: Interactive Front-End Web Development", Jon Duckett, John Wiley & Sons, inc.
- 3. "Learning Web Design: A Beginner's Guide To Html, Css, Javascript, And Web Graphics", Jennifer Niederst Robbins, O'Reilly Media.
- 4. "Servlet And Jsp (A Tutorial)", Budi Kurniawan, Brainysoftware.com.

### References:

- 1. "Learning jQuery", Alex Libby, Packt Publishing.
- 2. "HTML, CSS and JavaScript All in One, Sams Teach Yourself: Covering HTML5, CSS3, and ¡Query", Julie C. Meloni, SAM publications.
- 3. "Learn Object Oriented Programming Using Java: An UMS based", Dr. N. B. Vekateswarl Dr. E.V. Prasad S., Chand Publication.
- Robert Sheldon and Geoff Moes, "Beginning my SQL", Wiley Publication P. Pote (Patil) College of English Report Sheldon and Geoff Moes, "Beginning my SQL", Wiley Publication P. Pote (Patil) College of English Report Sheldon and Geoff Moes, "Beginning my SQL", Wiley Publication R. Pote (Patil) College of English Report Sheldon and Geoff Moes, "Beginning my SQL", Wiley Publication R. Pote (Patil) College of English Report Sheldon and Geoff Moes, "Beginning my SQL", Wiley Publication R. Pote (Patil) College of English Report Sheldon Report Shel

### Subject (Pr): 5ETp9 - SKILL DEVELOPMENT LAB-III (Simulation).

### Course Requisite:

- 1. (4ET1) Signals & Systems.
- 2. (4ET5) Communication Engineering-L.

### Course Objectives:

- To familiarize the students in introducing and exploring MATLAB & SIMULINK / SCILAB & XCOS environment.
- To enable the students on how to approach for solving Engineering problems using simulation tools.
- 3. To provide a foundation in use of these software for real time applications.
- To prepare the students to use MATLAB & SIMULINK / SCILAB & XCOS in their project works.

### Course Outcomes:

On completion of this course the student should be able to:

- 1. Use MATLAB & SIMULINK / SCILAB & XCOS for interactive computations.
- Able to use basic flow controls (if-else, for, while) and familiarize with strings and matrices and their use.
- Able to write program scripts, functions and simulate experimental models using the MATLAB & SIMULINK / SCILAB & XCOS development environment.
- Able to generate different plots and explore results to draw valid conclusions and inferences in engineering problems.

	Subject: SKILL DEVELOPMENT LAB-III (Simulation)	L
Unit-1	Fundamentals of MATLAB / SCILAB: MATLAB Environment, operators, data types, variables, arrays, characters and strings, structures, built-in functions, input-output data handling, script writing, creating functions, conditional statements, introduction to toolboxes.	09
Unit-2	Graphics in MATLAB / SCILAB: Plotting data, legends and markers. 3D mesh and surface plot, use of other special plots: error graphs, scatter plot, polar plot, quiver plot etc.  Graphical User Interface (GUI): Creating and displaying a GUI, GUI components, Panels and button groups, dialog boxes, menus	09
Unit-3	Simulink/XCOS: Simulink Environment, resources in Simulink (Blockset), model creation and design, Introduction to S-Function.	08
	Total	26

### Text Books:

- 1. Stephen J. Chapman, "MATLAB Programming for Engineers", 4th edition, Cengage Learning.
- Philippe Roux (Author), Claude Gomez (Preface), Perrine Mathieu (Translator), "Scilab from Theory to Practice - I. Fundamentals", Scilab Enterprise.

### References:

- Brian R. Hunt, Ronald L. Lipsman, Johathan M. Rosenberg, "A Guide to MATLAB for Beginners and Experienced Users" 3<sup>rd</sup> edition Cambridge.
- 2. Dr. M. Affouf, "Scilab by Example", Create Space Independent Publishing Platform.

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Amravati.

	Experiment List			
Expt- 01	Signals and their properties.			
	a. To represent basic signals in MATLAB/SCILAB like impulse, step, ramp, sinusoidal			
	and exponential.			
	b. To explore the effect of transformation of signal parameters (amplitude-scaling,			
	time-scaling and time-shifting) in MATLAB/SCILAB.			
Expt- 02	System and their properties.			
	<ol> <li>To identify a given system as linear or non-linear.</li> </ol>			
	<ul> <li>To explore the time variance and time invariance property of a given system.</li> </ul>			
	<ul> <li>To explore causality and non-causality property of a system.</li> </ul>			
Expt -03	Analyze LTI system response.			
	<ul> <li>To demonstrate convolution and correlation of two continuous-time signals.</li> </ul>			
	<ul> <li>To demonstrate convolution and correlation of two discrete-time signals.</li> </ul>			
Expt -04	Sampling and signal reconstruction			
	<ol> <li>To demonstrate the time domain sampling of band limited signals (Nyquist theorem).</li> </ol>			
	b. To demonstrate the time domain sampling of non-band limited signals and			
	antialiasing filter.			
	c. To demonstrate the signal reconstruction using zero-order hold and first-order			
	hold filters.			
Expt -05	Simulation of Amplitude Modulator and Demodulator using MATLAB/SCILAB:			
	a. To generate the amplitude modulated signal (AM wave) by using given message			
	signal and carrier signals in MATLAB software			
	b. To demodulate the AM wave using envelope detector principle			
Expt -06	Simulation of Amplitude Modulator and Demodulator using Simulink/XCOS:			
	To generate amplitude modulated wave using Simulink/XCOS and demodulate the			
	modulated wave.			
Expt -07	Simulation of AM-DSBSC Modulator and Demodulator using MATLAB/SCILAB:			
	a. To generate the AM-DSBSC modulated signal (DSBSC wave) by using given			
	message signal and carrier signals			
	b. To demodulate the DSBSC wave using synchronous detector			
Expt -08	Simulation of AM-DSBSC Modulator and Demodulator using Simulink/XCOS:			
	To generate DSB-SC Modulated wave using Simulink/XCOS and demodulate the modulated			
	signal.			
Expt -09	Simulation of Frequency Modulator and Demodulator using MATLAB/SCILAB:			
250050 <b>1</b> 0050	<ul> <li>To generate frequency modulated signal and observe the characteristics of FM wave.</li> </ul>			
	b. To demodulate a Frequency Modulated signal.			
Expt-10	To measure the performance Characteristics of Receiver: Sensitivity, Selectivity, and Fidelity			
2	using MATLAB/SCILAB.			
Expt-11	Simulation of Frequency Modulator and Demodulator using Simulink/XCOS:			
zonpr 11	To generate frequency modulated and demodulated signal using communication block set of			
	Simulink/XCOS			
	Ollidinik/ACO3			

<sup>\*</sup> Minimum 10 experiments based on/relevant to the above list.

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

Department of Mechanical Engineering

### **Elective Course Selected by Students**

### Academic Year 2017-2018

Sr. No.	Semester	Subject Code	Programme Name
01	v	5FECE05	Introduction To Earthquake Engineering
02	VI 6FECH05 Renewable Energy Sources		
03	VII	7ME05	Tool Engineering/ Mechatronics
04	VIII	8ME02	Refrigeration & Air-Conditioning

# PR Pote Patil College of Engineering and Management, Amravati

### Department of Mechanical Engineering

### (6FECH05) Renewable Energy Sources

### Objectives: -

- 1. To explain concept of various forms of renewable energy
- 2. To outline division aspects and utilization of renewable energy sources for both domestics and industrial applications
- 3. To analysis the environmental and cost economics of using renewable energy sources compared to fossil fuels.

### Course-Outcome: -

1. At the end of the semester the student will have knowledge about various renewable energy sources and be able to choose the appropriate renewable energy as an alternate for conventional power in any application.

### SECTION A

### UNIT I:

Solar-Energy: Solar radiation its measurements and prediction, solar thermal flat plate collectors, concentrating collectors, Applications - heating, cooling, desalination, power generation, drying, cooking etc, principle of photovoltaic conversion of solar energy, types of solar cells and fabrication. Photovoltaic applications: battery charger, domestic lighting, street lighting, and water pumping, power generation schemes. (7 Hrs.)

### UNIT II:

Wind-Energy: Atmospheric circulations, classification, factors influencing wind, wind shear, turbulence, wind speed monitoring, Betz limit, Aerodynamics of wind turbine rotor site selection, wind resource assessment, wind energy conversion devices, classification, characteristics, and applications. Hybrid systems, safety and environmental aspects. (8 Hrs.)

### UNIT III:

Bio-Energy: Biomass resources and their classification, chemical constituents and physicochemical characteristics of biomass, Biomass conversion processes, Thermo chemical conversion: direct combustion, gasification, hydrolysis and liquefaction, biochemical conversion: anaerobic digestion, alcohol production from biomass, chemical conversion process: hydrolysis and hydrogenation.

Biogas, generation, types of biogas Plants- applications.

(7 Hrs.)

### SECTION B

### **UNIT IV:**

Hydrogen and Fuel Cells: Thermodynamics and electrochemical principles, basic design, types, and applications, production methods, Biophotolysis: Hydrogen generation from algae biological pathways, Storage gaseous, cryogenic and metal hydride and transportation. Fuel cell: principle of working, various types, construction and applications. (8 Hrs.)

### **UNIT V:**

Other Types of Energy: Ocean energy resources, principles of ocean thermal energy conversion systems, ocean thermal power plants, principles of ocean wave energy conversion and tidal energy conversion, hydropower, site selection, construction, environmental issues, geothermal energy, types of geothermal energy sites, site selection, and geothermal power plants. (8)

### **UNIT VI:**

Analysis of the cost effectiveness of renewable energy sources, present status, comparison, forecast. (7)

### **Text Books:**

- 1. Rai G. D., Non-conventional Energy Sources, Khanna Publishers, New Delhi, 2007
- 2. John Twidell, Tony Wier, 'Renewable Energy Sources', Taylor & Francis Publishers, New York, 2005

Reference Books:

- 1. Sukhatme, S.P., Solar Energy, Tata McGraw Hill Publishing Company Limited, 2006 90 91 92 93
- 2. Khandelwal K.C, Mahdi S.S., Biogas Technology A Practical Handbook, Tata McGraw Hill, 1986
- 3. Thomas .b. Johansson, Henry Kelly, Amulya K.N .Reddy, Robert .H. Williams, 'Renewable Energy Sources for Fuels and Electricity', Island Press, Washington DC, 2009
- 4. Anthony San Pietro, Biochemical and Photosynthetic aspects of Energy Production, Academic Press, 1980

# Content

# 1.2.2

Sr. No.	Particulars	Page No.
1	Cover Page	2
2	Introduction to Computer Network	3
3	E-commerce	4
4	Advanced Concrete Technology	5
5	Dam Engineering	6
6	Fundamentals of Architectural Design	7
7	Non Conventional Energy Sources	8

# NAAC Criteria-1 AQAR 2017-18

# **List of Supporting Documents**

Item No.	Content		
1.2.2	Programme in which Choice Based Credit System (CBCS)/ Elective course system implemented at the affiliated college (if applicable) during the Academic year.		

### FREE ELECTIVE - I

### 5FEIT05 (i) INTRODUTION TO COMPUTER NETWORKS

**Unit -I:** Introduction to Computer Networks: Network Topologies, Ethernet LAN, assembling a Home Network and office LAN, Analyzing Computer Networks, Physical Layer Cabling: Twisted Pair, Structural Cabling, UTP Cable, terminating CAT6/5E/5UTP cables.

**Unit II:** Computer Fundamentals: Computer Bus connection, Device Drivers, Computer Memory, Overview of FAT and NTFS, Configuring the BIOS boot sequence.

**Unit III:** Interconnecting the LAN: OSI Model, Network Bridge, switch, Router, Interconnecting LANs with the Router, Configuring the network interface-Auto-negotiation.

**Unit IV:** TCP/IP: Layers, number conversion, IPV4 Addressing, Subnet masks, CIDR blocks, IPV6 Addressing, Analyzing computer networks-FTP data packets.

Unit V: Router Configuration:

Introduction, Router fundamentals, the console port connection the routers use EXEC Mode, Routers privileged EXEC mode, troubleshooting the router interface

Unit VI: Routing protocols: Static routing, Dynamic routing protocols, RIP, IGRP, OSPF, EIGRP, TFTP, Analyzing OSPF "helo" packets.

### Text Book:

Jreffredy S.Beasely, "Networking" second edition. Pearson

### Reference Books:

- 1. Bhushan Trivedi,"Computer Networks" OXFORD.
- 2. Andrew S. Tanenbaum, "Computer Networks" IV edition Pearson
- 3. Youlu Zheng, Shakil Akhtar, "Networks for computer Scientists and Engineers" OXFORD

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### FREE ELECTIVE - II

### 6FEIT05 (i) E-COMMERCE

### Unit I:

E Commerce: The difference between E-commerce and E-business, Why study E-commerce? Eight unique features of Ecommerce Technology, Types of E-Commerce, Growth of the internet and the Web, Origins and Growth of E-commerce, Ecommerce - A brief History.

### Unit II:

E-commerce Business Models and Concepts: E-Commerce business Model-eight Key elements of a Business Model, Major Business-to-Consumer (B2C) Business Models, Major Business to - Business (B2B) Business Models: Business Models emerging in E-Commerce areas, How the internet and the WEB change Business; Strategy, Structure and Process.

### Unit III:

E-Commerce Infrastructure: The Internet: Technology Background, The Internet Today, Internet II; The future infrastructure, The World Wide Web, The Internet and the Web Features.

### Unit IV:

Building an E-Commerce Web Site: Building and E-Commerce Wet Site- A strategic approach, Choosing Server Software, Choosing the Hardware for an E-Commerce site, Other Ecommerce Site Tools.

### Unit V:

Online Security and payment systems: The E-Commerce Security Environment, Security threads in the E-commerce environment, Technology solutions, Management Policies, business procedures and public laws, payment systems.

### Unit VI:

E-Commerce Marketing Concepts: Consumer online; The internet Audience and Consumer behavior, Basic Marketing Concepts, internet Marketing Technologies, B2C and B2C E=Commerce marketing and Branding strategies.

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### FOUR YEAR DEGREE COURSE IN BACHELOR OF ENGINEERING

### BRANCH - CIVIL ENGINEERING - SEMESTER PATTERN (CREDIT GRADE SYSTEM)

### SEMESTER - SEVENTH

### 7CE05 PROFESSIONAL ELECTIVE - I (vi) ADVANCED CONCRETE TECHNOLOGY

### SECTION - A

Unit-I: Admixtures and construction chemicals: Introduction, admixtures, plasticizers (Water reducers), action of plasticizers, dispersion, retarding effect, superplasticizers (High range water reducers), site problems in the use of plasticizers, retarders, accelerators, air-entraining admixtures, pozzolanic or mineral admixtures, fly ash, silica fume, rice husk ash, metakaolin, ground granulated blast furnace slag (GGBFS), damp and water proofing admixtures, IS code provisions for admixtures.

Unit-II: Durability of concrete: Introduction, strength and durability relationship, volume change in concrete, significance of durability, impact of water cement ratio on durability, factors affecting durability, methods of predicting durability, IS code provisions for durability of concrete. 23 24

Unit-III: Deformation in concrete: Introduction, deformation of concrete in Indian climate, permeability, factors contributing cracks in concrete, sulphate attack, alkali aggregate reaction, corrosion of embedded steel, controlling measures.

### SECTION - B

Unit-IV: Special concrete and concreting techniques: Introduction to special concrete, Lightweight, aerated, no-fines, high density, fibre reinforced, polymer, prepacked, self-compacted (self leveled), and high volume fly ash (HVFA) concrete. Introduction to special concreting techniques, Gunite or shotcrete, ferrocement, roller compacted concrete, and ready mix concrete casting and applications.

Unit-V: Repairs and rehabilitations: Introduction, need for repairs, crack width, interaction between permeability, volume change and cracking, polymer modified mortar, bond aid for plasters, guniting aid, silicon based water repellent materials, protective and decorative coatings, injection grout for cracks, coatings to embedded reinforcement, concrete repair systems, stages of repair works.

Unit-VI: Non-destructive testing of concrete: Introduction, rebound hammer, limitations, rebound number and strength of concrete, penetration technique, pullout test, resonant frequency, pulse velocity method, corrosion analyser, rebar locators. Students must be shown video CD, slides, transparencies and photograph of actual structures.

### **BOOKS RECOMMENDED:**

- 1. Lea, F. M.: The Chemistry of Cement and Concrete, Edward Arnold (Publishers) Ltd.
- 2. Neville, A. M.: Properties of Concrete, Pitman Publishing Company.
- 3. Neville, Brooks: Concrete Technology, ELBS
- 4. Orchard, D. F.: Concrete Technology, Applied Science Pub Ltd.
- 5. Shetty, M. S.: Concrete Technology, S. Chand
- 6. Varshney, R. S.: Concrete Technology, Oxford Pub. House.
- 7. Krishna Raju: Design of Concrete Mixes, McGraw Hill.
- 8. Shah and Kale: Reinforced Cement Concrete Design,
- 9. Sushil Kumar :Treasure of Reinforced Cement Concrete

H.O.D. (Civil Dept.)

P.R. Pote (Patil) College of Engg. & Management

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### FOUR YEAR DEGREE COURSE IN BACHELOR OF ENGINEERING

### BRANCH - CIVIL ENGINEERING - SEMESTER PATTERN (CREDIT GRADE SYSTEM)

### SEMESTER - EIGHTH

### 8CE04 PROFESSIONAL ELECTIVE - II

### (iv) DAM ENGINEERING

### SECTION - A

Unit- I: Introduction to Dam Engineering: Different classification for dams, relative advantages and disadvantages of various dam selection or types of dam, Investigation of dam sites, Engineering surveys, geological investigation, subsurface exploration programme, economic height of dam, Construction machinary, material, money, inventory.

Unit-II: Rockfill dam: Introduction, general characteristics, materials and testing of rockfill material, foundation of rockfill dam, design, rockfill placement, examples.

Unit-III: Arch dam: components, types, methods for design. Buttress dam: components, types, forces acting, Buttress spacing, Master curve for economic spacing, preliminary design Solid Gravity dams: Analysis & Design of gravity dam.

### SECTION -B

Unit-IV: Spillways: choice of types, crest gates, hydraulic design, comparison, approach and tail channel, J.H.C. & tail water rating curve Energy Dissipaters: types, components, design of hydraulic jump type, basins, ski-bucket type, roller bucket.

Unit- V: Head Regulators: requirements, types, foundation treatment including uplift consideration, Bank connection, energy dissipation, hydraulic design of opening and barrel, ventilation, types of gates. Approach Channel, case study for one on rock foundation and one on permeable foundation. Model Studies: scales design principles, materials, scale effects for model of dams spillways.

Unit-VI: Instrumentation: In earth dam and solid gravity dams, piezo meters, settlement, gauges, (surface monuments, base plate, cross arm) strain meters joint meters, thermometers, stress meters, pore pressure cells, plumb-bob Seismograph. Water level gauges (description, object, location, working, installation of each, design not expected) Special problems: increasing height of masonry and concrete dams, strengthening, repairs and maintenance, leakage, evaporation controls. evaporation controls.

### BOOKS RECOMMENDED:

- Sharma H.D: Concrete Dams, Metropolitan Book Co, Delhi.
- 2) Varshney R.S.: Concrete Dam, Ox IBH, Mumbai.
- 3) Sherard et al: Earth and Rockfill Dam, John Wiley, New York.
- 4) USBR: Design of Small Dams.
- 5) USBR: Design of Large Dams.
- 6) PeurifoyR.L.: Construction, Planning and Equipments, McGraw Hill Book Co.
- 7) Satyanarayanan: Construction, Planning & Equipment, Standard Pub.
- 8) USBR: Design of Gravity Dam.

H.O.D. (Civil Dept.)
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# P R Pote Patil College of Engineering & Management, **Amravati Department of Civil Engineering**

### Sub: - 05FEAR05 FREE ELECTIVE FUNDAMENTALS OF ARCHITECTURAL DESIGN

Date of Introduction: - June 2019 Syllabus

Objective: The prime objective of this course is to introduce architectural design as a process and as a final product, to understand fundamentals of space, form and order through basic perception of architectural skills.

Unit I: Introduction to Architecture. Definition of Architecture, design art, fine art, visual art.

Unit II: Principles of two dimensional design elements, such as point, line, direction, shape, size, colour and texture, levels, light, fenestrations.

Unit III: Aesthetic components of design- proportions, scale, balance, rhythm, symmetry, asymmetry, hierarchy, pattern and axis with building examples.

Unit IV: Harmony and contrast in 2D and 3D design, interplay of light and shade on building blocks and their effects.

Unit V: Form and functions in Architecture, use of building materials, construction techniques and engineering services for different functions.

Unit VI: Architectural design process- an analysis- integration of aesthetic and functional utility of spaces.

Civil Engineering

H.O.D. (Civil Dept.) P. R. Pote (Patil) College of Engg. & Management Amravati.

# P R Pote Patil College of Engineering & Management, Amravati Department of Civil Engineering

Sub: - Non-Conventional Energy System NCES - 6FEME05

Date of Introduction :- December 2018 Syllabus

### UNIT I:

Introduction:-Renewable & Nonrenewable sources.

Solar Radiation: Solar constant, basic earth-sun angles. Spectral distribution of extra-terrestrial radiations & its variation. Solar time, Direction of beam radiation, computation of radiation on inclined surfaces. (7 Hrs)

### UNIT II:

Radiation Transmission through covers:-Reflection and absorption of radiation, optical properties of cover systems transmittance effects of surface layers on transmittance, transmittance absorptance product.

Solar Energy collections:-Heat transfer for solar energy utilization, flat plate collectors such as liquid & air collector. Introduction to various systems of concentrating collectors. (7 Hrs)

### UNIT III:

**Solar energy Utilization:-** Application of solar energy in heating, cooling, pumping, power production, distillation, drying, solar cookers, solar pond, solar furnace.

Solar Energy Storage: Methods of storage such as sensible, latent heat & thermochemical storage, selection of method of storage, properties of storage materials and different arrangements of storages. (No analytical treatment) (7 Hrs)

### UNIT IV:

**Tidal Power:**- types of tidal plants such as single and two basin plants, power developed & operation of tidal power plant. Ocean thermal energy conversion system. Ocean temp. profile, OTE power plant development, controlled flash evaporation, indirect vapour cycle.

Wind Power:- Wind speed data, power in the wind, wind power development, types of wind mills, application for pumping and power generation. (No numerical) (7 Hrs)

### UNIT V:

Biomass Energy Resources: Mechanism of green plant photosynthesis. efficiency of conversion, solar energy plantation, biogas – Types of biogas plants, factors affecting production rates. Pyrolysis, Gasifiess: Types & classification. Straight vegetable oils as a liquid fuels and their properties. Introduction to biodiesel as a diesel engine fuel. (7 Hrs)

### UNIT VI :Direct Energy Conversion:-

Photo voltaic cells: Principle, concept of energy conversion, conversion efficiency, power output and performance, storage.

Fuel Cells: Principles types of fuel cells, conversion efficiency.

Geothermal Energy: Resources, power generation methods like vapour dominated, water dominated, flash steam, binary fluid and total flow concept of power generation. (7 Hrs)

HoD, Civil Engineering H.O.D. (Civil Dept.)

P.R. Pote (Partil) College of Engg. & Manager ---

Amravati.

# Content

## 1.2.3

Sr. No.	Particulars	Page No.
1	Cover Page	2
2	IOT and hands-on training on Arduino	3-4
3	PHP Certification	5-15
4	IGS Workshop on 'Advances in Geotechnical Engineering'	16-19
5	One Week Workshop on ETABS Software	20
6	One Week Workshop on Auto CAD Software	21

# NAAC Criteria-1 AQAR 2017-18

# **List of Supporting Documents**

Item No.	Content
1.2.3	Students enrolled in certificate/ Diploma Course introduced during the year

# P. R. Pote (Patil) Educational and Weifare Trust's, Group of Institutions, College of Engineering and Management, Amravati

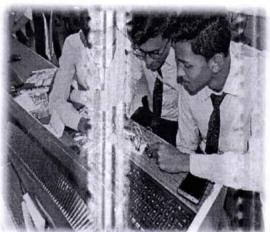
DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING
Workshop on "Introduction to IoT and Hands on Training on Arduino"



On date 28<sup>th</sup> to 30<sup>th</sup> December, 2017 EXTC department of PRPCEM organized threedays workshopon "Introduction to IoT and Hands on Training Arduino". Workshop was conducted by two experts MahendraRandive, Assistant Professor at Electronics Department, PRPCEM college and AniketPawade, Assistant Professor at Electronics Department, PRPCEM college.

What Skill will be developed: Programming Skill will be developed. Students will able to read data from board, on sensor. Understand the concept behind smart cities, smart wearable's & smart switches. Attended will be capable of designing any application by integrating multidisciplinary concepts and can understand all the process of smart products likesmart switches, smart watches, smart meters etc.





Dr. R. D. Ghongade



# 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

Ref.: PRPCOEM/Appreciation letter/1704/2017-18

Date: 01/08/2017

**Appreciation Letter** 

Date: - 31/07/2017

To.

Director

SSIT Pvt. Ltd.

Nagpur-22

Dear Sir,

I would like to take this opportunity to express my heartfelt thanks to you for providing your valuable time to conduct 2 days training program on "PHP" in our college. I sincerely appreciate the time you spent with our students to improve their programming skills.

Your lecture was very helpful and cleared their conceptual as well as practical aspects about "PHP Language".

Any additional suggestions you may have would be welcome. In future also, we expect same kind of enthusiastic co-operation at your end. I hope we shall have the benefit of conduction of such type of workshop in future also. Again thank you so much.

Thanking You,

With best wishes and warm regards,

Yours Sincerely

H.O.D. (Comp. Dept.)
P.R.Pote (Pain) Callege of Light Service....

P R Pote Patil College of Engineering &

Management

Amravati, Maharashtra



### Appreciation letter

To,

HOD.

Department of computer science & Engineering

P.R Pote College of Engineering & Management

Dear Sir,

I would like to take this opportunity to express my heartfelt thanks to you for providing your valuable time to us for conducting workshop on "PHP" from 31<sup>st</sup> July 2017 to 1<sup>st</sup> August 2017 in your college premises. I hope this workshop was helpful for student to improve their programming skills.

Any additional suggestion you may have would be welcome. In future also, We expect same kind of enthusiastic co-operation at your end. I hope, we shall have the benefit of conduction of such type of workshop in future also .Again, thank you so much.

Thanking you,

With best wishes and warm regards

Your sincerely

Mr.Santosh Selokar

Director,

SSIT.Pvt.Ltd, Nagpur-22

## P. R. Pote College of Engg. & Mang., Amravati Department of Computer Sci. & Engg. Training Content

### C-Language:-

Lecture-1: Overview of C, Constants, Variables, and Data Types.

Lecture-2: Tricky Questions and Error finding on Constants, Variables, and Data Types.

Lecture-3: Operators and Expression, Introduction about ACII Value and Table.

Lecture-4: Programming on Operators and ASCII values.

Lecture-5: Interview Questions and Tricky Question Solving on Operators.

Lecture-6: Managing Input and Output (Briefing about Reading and Writing operations).

Lecture-7: Tricky Questions and Programming on Input and Output Operations.

Lecture-8: Decision making and branching, Programming Practice on Series Printing.

Lecture-9: Programming Practice on Series Printing as well as Pattern Printing.

Lecture-10: Decision Making and Looping, Simple Programming Practice on Looping, Tricky Interview Questions on Looping

Lecture-11: Programming Practice on Looping.

Lecture-12: Array, Programming on various types of array, array with looping, Tricky Interview concepts on array.

Lecture-13: Implementation of data structure concepts by using array and looping.

**Lecture-14:** Data structure programming by using array.

Lecture-15: Character Array and string, Programming on character array and string.

**Lecture-16:** String with Predefine function.

Lecture-17: String with ought Predefine function

Lecture-18: Pointers, Pointer Expression with programming

Lecture-19: Pointer and array, Array of Pointer with programming

Lecture-20: Structure and Union, Pointer and Structure.

Lecture-21: Pointer as function arguments, Functions returning pointer.

### C++ Language:-

Lecture-1: C++ Overview, Basic fundamentals of OOPS, Classes and Objects.

Lecture-2: Tricky interview questions on OOPS.

Lecture-3: Operators, Loop Type, Decision Making, Functions, Arrays.

Lecture-4: Programming Practice with various concepts of OOPS.

Lecture-5: Strings, Pointers with programming.

Lecture-6: Pointer to the member function, Programming practice.

Lecture-7: Programming Practice on Previously covered Topics.

Lecture-8: Data structure programming by using the various concepts of OOPs.

Lecture-9: Introduction of Constructor and Destructor with programming practice.

Lecture-10: Tricky Interview Questions on Constructor and Destructor.

Lecture-11: Inheritance, Types of Inheritance, Programming Practice.

Lecture-12: Programming on Inheritance.

Lecture-13: Operator Overloading with Programming Practice. Lecture-14: Function Overloading with Programming Practice.

Lecture-15: Programming Practice on Various Concepts.

Lecture-16: Tricky Interview Questions on Various Concepts

Lecture-17: File Handling Concepts with Programming Lecture-18: Programming Practice on File Handling.

Lecture-19: Test-1 (C-Programming)
Lecture-20: Test-2 (C++-Programming)
Lecture-21: Test-3 (C & C++ Programming)

### Data Structure:-

Lecture-1: Introduction to data structure, Algorithm and Complexity.

Lecture-2: Operations on Data Structure.

Lecture-3: Searching and Sorting Methods with Complexity.

Lecture-4: String and Word Processing

Lecture-5: Array and It's Operations

Lecture-6: Linked List With Operations

Lecture-7: Linked List With Operations

Lecture-8: Stacks with Operations

Lecture-9: Queues with Operations

Lecture-10: Tower of Hanoi

Lecture-11: Tree and Its Types

Lecture-12: Operations on Tree

Lecture-13: Operations on Advanced Trees.

Lecture-14: Graph Theory

Lecture-15: Shortest Path and Warshall's Algorithm

### Java Programming:-

Lecture-1: Java - Overview, Java Environment Setup, Java Basic Syntax, Java Object & Classes, Java Basic Data types.

**Lecture-2:** Java Variable Types, Java Modifier Types, Java Basic Operators, Java Loop Control, Java Decision Making, Java Numbers, Java Characters.

Lecture-3: Java Strings, Java Arrays, Java Date & Time, Java Regular Expressions, Java

Methods, Java Files and I/O, Java Exceptions, Java Inner Classes.

Lecture-4: Java Object Oriented: Java Inheritance.

Lecture-5: Java Overriding, Java Polymorphism.

Lecture-6: Java Abstraction, Java Encapsulation.

Lecture-7: Java Interfaces, Java Packages.

Lecture-8: Java AWT

Lecture-9: Java APPLET

Lecture-10: Java SWING

### Database:-

Lecture-1: Introduction of database, Introduction of SQL.

Lecture-2: Data Definition Language,

Lecture-3: Data Manipulation

Lecture-4: Operators, Clauses,

Lecture-5: Indexes

Lecture-6: Normalization

Lecture-7: Triggers, Stored Procedures, Cursors,

Lecture-8: Advance Database Concepts (Related as RDBMS, Data Mining)

### HTML:-

Lecture-1: HTML Introduction: HTML Elements, HTML Attributes, HTML Paragraphs,
HTML Styles, HTML Formatting, HTML Comments, HTML Colors, HTML CSS,
HTML Links, HTML Images, HTML Tables, HTML Lists, HTML Iframes,
HTML Head, HTML Layout.

Lecture-2: HTML Forms: HTML Form Elements, HTML Input Types, HTML Input.

Attributes

Lecture-3: HTML Media: HTML Video, HTML Audio, HTML Plug-ins, HTML YouTube.

### CSS:-

Lecture-1: CSS Introduction, CSS Syntax, CSS How To, CSS Colors, CSS Backgrounds, CSS Borders, CSS Margins, CSS Padding, CSS Height/Width, CSS Box Model, CSS Outline, CSS Text, CSS Fonts, CSS Icons, CSS Links, CSS Lists, CSS Tables, CSS Display, CSS Max-width, CSS Position, CSS Overflow, CSS Float, CSS Inline-block, CSS Align.

**Lecture-2:** CSS Combinators, CSS Pseudo-class, CSS Opacity, CSS Navigation Bar, CSS Dropdowns, CSS Tooltips, CSS Image Gallery, CSS Image Sprites, CSS Attr Selectors, CSS Forms, CSS Counters.

### PHP:-

Lecture-1: Introduction to PHP: Installation and requirements, Syntax and variables, Data types and Constants

Lecture-2: Operators: Arithmetic operators, Logical Operators, Assignment Operators, Comparison operators

Control Structure: Simple if, else-if, Switch.

Lecture-3: Looping: for, while, do-while, functions, String functions; math functions, Arrays.

Lecture-4: PHP form handling: PHP form required, Includes, Sessions

Lecture-5: PHP database Connectivity: Mysql Intro, Mysql Connect, Insert, Select, Update, delete

Lecture-6: Modules: Registration, Login

### Soft Skill:-

Lecture-1: Importance of Communication in T & P, Public Speaking.

Lecture-2: Verbai & Non-Verbal Aptitude (English).

Lecture-3: GD Instructions & Grammar.
Lecture-4: GD Practice & PI Instructions.
Lecture-5: GD Practice & PI Instructions.
Lecture-6: Test on Verbal & Non-Verbal.

### Quantitative:-

Lecture-1: Number Systems Lecture-2: Number Systems Lecture-3: Simplification Lecture-4: Simplification Lecture-5: Ratio & Averages

Lecture-6: Ages

Lecture-7: Percentages-1 Lecture-8: Percentages-2

Lecture-9: Profit & Loss (SI-CI)
Lecture-10: Profit & Loss (SI-CI)
Lecture 11: Profit & Loss (SI-CI)

Lecture-11: Profit & Loss (SI-CI)
Lecture-12: Time & Work-1

Lecture-13: Time & Work-2 Lecture-14: Time & Work-3 Lecture-15: Time & Distance

Lecture-16: Time & distance (Problems on Trains)
Lecture-17: Time & distance (Problems on Trains)

Lecture-18: Permutation & Combination-1 Lecture-19: Permutation & Combination-2

Lecture-20: Permutation & Combination-3

Lecture-21: Data Interpretation

Lecture-22: Data Interpretation

Lecture-23: Data Sufficiency Lecture-24: Data Sufficiency

Lecture-25: Test-1 Lecture-26: Test-1

### Reasoning:-

Lecture-1: Puzzles (Linear Arrangement)

Lecture-2: Puzzles (Comparison)

Lecture-3: Puzzles (Circular Arrangement)

Lecture-4: Critical Reasoning (Statement & Assumption)

Lecture-5: Statement and Conclusion

Lecture-6: Courses of Action

Lecture-7: Clock and Calendars

Lecture-8: Non-Verbal Reasoning

Lecture-9: Arithmetic Reasoning

Lecture-10: Symbols and Notations

Lecture-11: Decision Making

Lecture-12: Input & Output

Lecture-13: Revision of Series

Lecture-14: Revision of Coding & Decoding

Lecture-15: Revision of Blood relations

Lecture-16: Revision of Direction Sense

Lecture-17: Revision of Deduction (Syllogisms)

Lecture-18: Revision of Deduction (Syllogisms)

H.O.D. (Comp. Dept.)
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Amravati.





Where The Future Begins...



Swaranjal Selokar Information Technology Pvt. Ltd.

# P. R. Pote (Patil) Education & Welfare Trust's College of Engineering & Management

This is to certify that

Certificate No.: SS4187

Date : 18 August 2017

Prof. Komal B.Bijwe

Mr./Ms.

on "PHP TECHNOLOGY" from 31" July 2017 to 01" August, 2017 at P. R. Pote (Patil) Education & Welfare Trust's College of Has successfully completed Two Days Training Program Engineering & Management.

Prof. V. B. Gadicha

Prof. S. S. Sagane Workshop Co-ordinator

( Loke )

Mr. Santosh Selokar Director SSIT Pvt. Ltd. Nagpur

God Strings N Springs N Sp

Regd. office: 15, Muskan-Varsha Apartment, Parekh Layout, Nelco Society Main Road, Trimurti Nagar, Nagpur-22



# LETTITE



Where The Future Begins.

Swaranjal Selokar Information Technology Pvt. Ltd.

# P. R. Pote (Patil) Education & Welfare Trust's College of Engineering & Management

This is to certify that

Certificate No.: SS4201

Date: 1st August 2017

Mr./Ms.

Prof. Sneha R. Sontakke

on "PHP TECHNOLOGY" from 31" July 2017 to 01" August, 2017 at P. R. Pote (Patil) Education & Welfare Trust's College of Has successfully completed Two Days Training Program

Engineering & Management.

Prof. V. B. Gadicha

Workshop Co-ordinator Prof. S. S. Sagane

Mr. Santosh Selokar SSIT Pvt. Ltd. Nagpur Director



Regd. office: 15, Muskan-Varsha Apartment, Parekh Layout, Nelco Society Main Road,

Frimurti Nagar, Nagpur-22





Sweranjal Selokar Information Text

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

This is to certify that

Prof. Praful B. Sambhare

Certificate No.: SS4189

Date: 1" August 2017

on "PHP TECHNOLOGY" from 31" July 2017 to 01" August, 2017 at P. R. Pote (Patil) Education & Welfare Trust's College of Has successfully completed Two Days Training Program Engineering & Management,

Prof. V. B. Cadiolia HOD

( Sapara

Mr. Santosh Selokar Director SSIR Pat. Ltd. Nagour

Prof. S. S. Sagane Workshop Co-ordinator

Regd. offfice : 115

Regd. office 115, Muskau-Varkha Apartment, Parekh Layout, Netto Sporiety Kain Road Trimuri Napar Nasmir-22





There The Future Begins...



waranjal Selokar Information Technology Pvt. Ltd.

# P. R. Pote (Patil) Education & Welfare Trust's College of Engineering & Management

This is to certify that

Mr./Ms.

Prof. Prachi V. Kale

Certificate No.: SS4200

Date: 1st August 2017

on "PHP TECHNOLOGY" from 31" July 2017 un 01, August, 2017 at P. R. Pote (Patil) Education & Welfare Trust's College of Has successfully completed Two Days Training Program Engineering & Management.

Prof. V. B. Gadicha

Mr. Santosh Selokar SSIT Pvt. Ltd. Nagpur Director

Workshop Co-ordinator Prof. S. S. Sagane



Regd. office: 15, Muskan-Varsha Apartment, Parekh Layout, Nelco Society Main Road, Frimurti Nagar, Nagpur-22

### intugurateCeremony of ICS Stratent Chapter &

# Enciparayorkshop. On Advancement Independenties Enginesisme

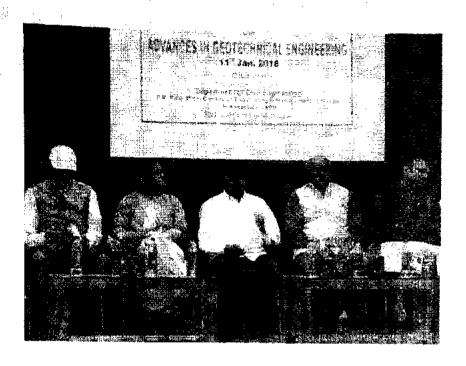
The linaugural ceremony of "Indian Georechnical Society"—Student Chapter followed by one day workshop was held on dated II" January 2018 by the hands of entirent personal ries in the area of geotechnical Engineering Dr. Yashiyani Kolekar (Assistant protessor, COEP). Dr. A. I. Dhattak (Dean Academics Govt. College of Engineering Annayati). Dr. S. S. Pusadkar (HOD, Govt. College of Engineering Jalgaon), Dr. S. P. Bajadak (Professor, Govt. Polytechnic Annayati). Dr. S. D. Wakde (Principal of PRPCEM). Prof. Mohammad Zuhair (Vice Principal of PRPCEM) and coordinator of the workshop Prof. S. S. Saraf and Prof. N. P. Bhopale, The IGS local chapter of student committee of 1.5 students was formed at the inaugural ceremony.





Prof. S.S. Saraf formally welcomed all the dignitaries and students, gave a list introduction of "Indian Geotechnical Society". The students were made aware about the significance of IGS and various programs in all over the country running associated with IGS.

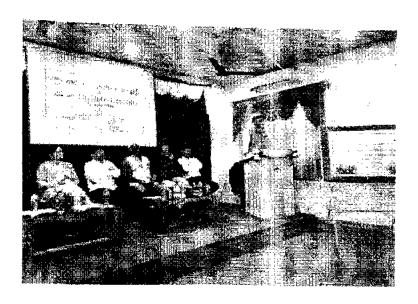
He described the objectives of IGS and its activities.





dive. We described and explained the importance of inventory and transportation is tollows.

Dr. S.P. Bajad appreciated the organizers for formation of "Indian Geotechnical Society". Student Local Chapter followed by conducting workshops "Advancements in Geotechnical Engineering". Sir emphasis on various applications of this topic in diverse fields and guide the students to become active member of IGS.

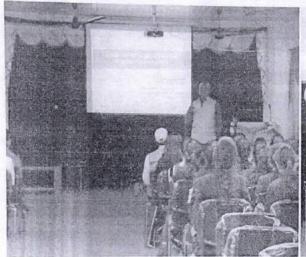




In the first session Dr. Yashwant Kolekar introduced students with rock mechanics, its application and its implementation along with methods of rock drilling, also highlighted the importance of rock mechanics and advancement in it.

In the second session Dr. S. S. Pusadkar enlighten the advancement in geotechnical engineering, Failures of structure due to poor geotechnical investigation. He also had interactive session with students for solving their queries and guiding them for making career in the field of geotechnical engineering.

The workshop was concluded with the Certificate distributions to the participants by the hands of Dr. S. S. Pusadkar & vote of thanks given by Prof. T. S. Junghare.





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

P.R.Pote (Patil) College of Engg. & Management

# P.R. Pote Patil College of Engineering, Amt.

### Department of Civil Engineering

Event: One week Workshop on E Tab

Location : Computer lab Civil engineering dept

Date: 03/07/2018-08/07/2018 | Time: 11.00am

Number of Participents: 40

Details: One week workshop on E Tab was arranged for 2nd year students of civil engineering department. Workshop was conducted by Prof. S.V. Dhoke in the computer laboratory of civil department. E Tab is essential for drawing and drafting in civil engineering structures. In the workshop student learn





P. P. Pore (Paill) College of Engg. & Management P. Pore (Paill) College of Engg. & Management P. Pore 11.

# P.R. Pote Patil College of Engineering, Amt.

### Department of Civil Engineering

Event : One week Workshop on Auto CAD

Location : Computer lab Civil engineering dept

Date: 03/07/2018-08/07/2018 | Time: 11.00am

Number of Participents: 30

Details: One week workshop on AutoCAD was arranged for 2nd year students of civil engineering department.

Workshop was conducted by Prof.A.K.Chitkeshwar & Prof.M.S.Deshmukh in the computer laboratory of civil department. AutoCAD is essential for drawing and drafting in civil engineering structures. In the workshop student learn

- Industry oriented planning and drawing of multistoried buildings
- To Develop plan, elevation of load bearing and framed structures
- To Preparation of section, site plan, schedule of openings and area statement.
- 2D modeling of residential building.



P.P. (Civil Dept.)
P.P.Pote (Paill) College of Engg. & Management
Amuzvati.

# Content

# 1.3.1

Sr. No.	Particulars	Page No.
1	Cover Page	2
2	Training of C, C++, Data Structure, HTML, CSS, PHP, DBMS, JAVA, Soft Skill, Aptitude	3-20
3	STTP on "IOT & Big Data"	21-29
4	Recent Trends in ENTC	30-36
5	Skill management, leadership quality of Shivaji Maharaj	37-43
6	IoT and hands-on training on Arduino	44-45
7	Solar energy light and robotics	46-59
8	Quadcopter & RC aircraft plane development	60-69
9	Speech and Android phone operated wireless ROBOT	70-77
10	STTP on "Research trends in communication system & network using IoT with hands-on on Raspberry Pi 3"	78-79
11	Soft skill & Placement Preparation	80-82
12	Workshop on "Introduction to MATLAB Simulink used for Electrical Engineering"	83-89
13	Workshop on "Optimization of tool MATLAB and introduction to Power World Simulator".	90-99
14	Workshop on "Circuit simulation using Proteus ISIS and PCB design by ARES"	100-104
15	STTP on "Research Applications and Computational Intelligence Techniques in Electrical Engineering"	105-114
16	7 Days Training Program on Automobile and Vehicle Dynamics with Practical Session	115-116
17	STTP on "Basics of Technical Research paper Writing in Indexed Journals"	117-121
18	IGS Workshop on 'Advances in Geotechnical Engg'	122-125
19	STTP on "Advances in Structural Geotechnical Dynamics"	126-143

# NAAC Criteria-1 AQAR 2017-18

# **List of Supporting Documents**

Item No.	Content
1.3.1	Value- added course imparting transferable life skills offered during the year

# P. R. Pote Group Of Educational Institute, Amravati

Christal Congression



多的 名词字 自動物的 自動物的

Our inspiration

Swami Vivokenerio

# **Summer Training Report (2017-18)**

Department of Computer Sci. & Engg.



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



Of

Pote Estate, Kathora Road, Amravati, Maharashtra



# P. R. Pote College of Engineering & Management, Amravati Department of Computer Science & Engineering

# **Summer Technical Workshop**

Date: 19/06/2017

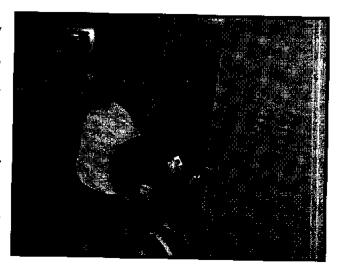
A four week "Summer Training Workshop" conducted during 19th June 2017 to 27th July 2017 for final year students. The workshop conducted by Prof. M. S. Burange, T & P Coordinator of CSE department for the development of the students in technologies required for company placement. In this workshop student learnt basic programming languages i.e. C, C++, Core Java, Advance Java, HTML, PHP as well as Soft skill training (Aptitude Training, Technical Training, and Communication Skill).

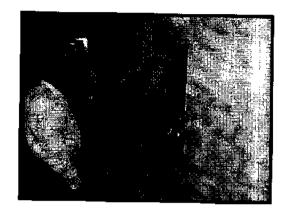
## Objectives of the Workshop:

- To Groom and Train students as per needs of software industries.
- To motivate and inspire students for Campus placements.
- To provide them exposure about recruitment by conducting Mock Interviews.
- To enhance communication & inter personal skills of students.

## Inauguration:

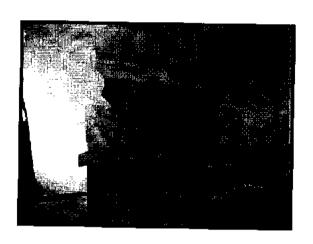
The workshop was inaugurated by the Chief Guest Dr. G. R. Bamnote, Chairman of CSI Chapter Amravati, Dean of Engineering Faculty SGBA University, Professor at PRMITR, Badnera; Chairman of Program Dr. S. D. Wakde, Principal of PRPCEM, Amravati; Guest of Honour Prof. Moh. Zuhair, Vice-Principal of PRPCEM, Amravati and Prof. V. B. Gadicha, HOD, CSE.

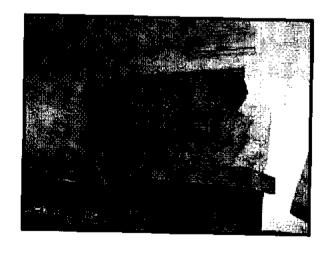




Prof. P. V. Kale welcomed all dignitaries. The Prof. V. B. Gadicha, gave welcome speech, which inspired the participants to take the advantage of this workshop and its importance also explained various outcome of the program.

Dr. G. R. Bamnote, addressed students on "Awareness About the Recent Technologies". He gave importance of CSI Chapter. He guided to students for campus selection and today's scenario of industries. He congratulated Institute for organizing such a program which indirectly benefits to students.





The Special address given by, Dr. S. D. Wakde, was shared her views with students for their development in modern era. She motivated all the participants by explaining the importance of Summer Technical Workshop.

Prof. K. B. Bijwe thanked all dignitaries, Faculty Memebrs, organizing committee, Supporters, and Students for their valuable inputs to the program.

Program Schedule:

Sr. No.	Time	Activities
1	10.30 - 11.00	Arrival of guest and breakfast
2	11.00 - 11.15	Welcome of guest by P. V. Kale
3	11.15 – 11.30	Photo Pujan & Lamp Lightening
4	11.30 – 11.45	Introductory Speech by Prof. V. B. Gadicha
5	11.45 – 12.00	Address by Dr. G. R. Bamnote
6	12.00 - 12.15	Address by Dr. S. D. Wakde
7	12.15 - 12.30	Vote of Thanks by Prof. K. B. Bijwe
8	12.30 - 01.00	Break
9	01.00 - Onwards	Start of First Session of Training

# List of Training Technology & Faculty Experts:

## List of Faculties

S. N.	Name of Faculty	Technology Tought	Total Hrs
1	Prof. V. B. Gadicha	C-lang, C++ - Lang.	21 Um formula
2	Prof. M. S. Burange	C-lang, C++ - Lang.	21 Hrs for each
3	Prof. P. V. Kale	Data Structure	21 Hrs for each 15 Hrs
4	Prof. F. M. Shelke	HTML,CSS,PHP, DBMS	6 Hrs (for HTML & CSS)
5	Prof. A. K. Jamnekar	DBMS, JAVA	8 Hrs (PHP & DBMS)
6	Prof. S. V. Sonkhaskar	Soft Skill	15 Hrs for JAVA 10 Hrs
7	Prof. P. S. Bhattad	Aptitude	
8	Prof. Y. D. Kadu	Aptitude	18 Hrs for Reasoning
	Total Hrs. R		26 Hrs for Quntitative
		equireu	86

H.O.D. (Comp. Dept.)
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Amravati.

# P. R. Pote College of Engineering & Management, Amravati Department of Computer Science & Engineering

# Summer Technical Workshop

Date: 19/06/2017

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Amravati.

# P.R. Pote (Patil) Col'oge of Engineering & Monagement, Amravati Department of Computer Science & Engineering Four Week Technical Workshop Session 2017-18 (W-17)

Final Year (Sec A-B)

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P.R.Pote (Patil) College of Engg. & Management Annavati.

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"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

Ret.: PRPCOEM/Appreciation letter/1704/2017-18

Date: 01/08/2017

Appreciation Letter

Date: - 31/07/2017

To.

Director

SSIT Pvt. Ltd.

Nagpur-22

Dear Sir.

I would like to take this opportunity to express my heartfelt thanks to you for providing your valuable time to conduct 2 days training program on "PHP" in our college. I sincerely appreciate the time you spent with our students to improve their programming skills.

Your lecture was very helpful and cleared their conceptual as well as practical aspects about "PHP Language".

Any additional suggestions were may have would be welcome. In future also, we expect same kind of enthusiastic co-operation at your end. I hope we shall have the benefit of conduction of such type of workshop in future also. Again, thank you so much.

Thanking You,

With best wishes and warm regards,

Yours Sincerely

H.O.D. (Comp. Dept.)
P.R.Pote (Pair) Calegorian (P.R.Pote)

P R Pote Patil College of Engineering &

Management

Amravati, Maharashtra

www.prpcem.org



## Appreciation letter

To,

HOD,

Department of computer science & Engineering

P.R Pote College of Engineering & Management

Dear Sir,

I would like to take this opportunity to express my heartfelt thanks to you for providing your valuable time to us for conducting workshop on "PHP" from 31<sup>st</sup> July 2017 to 1<sup>st</sup> August 2017 in your college premises. I hope this workshop was helpful for student to improve their programming skills.

Any additional suggestion you may have would be welcome. In future also, We expect same kind of enthusiastic co-operation at your end. I hope, we shall have the benefit of conduction of such type of workshop in future also. Again, thank you so much.

Thanking you,

With best wishes and warm regards

Your sincerely

Mr.Santosh Selokar

Director,

SSIT.Pvt.Ltd, Nagpur-22

Nagpur 440022 gy

## P. R. Pote College of Engg. & Mang., Amravati Department of Computer Sci. & Engg. Training Content

## C-Language:-

Lecture-1: Overview of C, Constants, Variables, and Data Types.

Lecture-2: Tricky Questions and Error finding on Constants, Variables, and Data Types.

Lecture-3: Operators and Expression, Introduction about ACII Value and Table.

Lecture-4: Programming on Operators and ASCII values.

Lecture-5: Interview Questions and Tricky Question Solving on Operators.

Lecture-6: Managing Input and Output (Briefing about Reading and Writing operations).

Lecture-7: Tricky Questions and Programming on Input and Output Operations.

Lecture-8: Decision making and branching, Programming Practice on Series Printing.

Lecture-9: Programming Practice on Series Printing as well as Pattern Printing.

Lecture-10: Decision Making and Looping, Simple Programming Practice on Looping, Tricky Interview Questions on Looping

Lecture-11: Programming Practice on Looping.

Lecture-12: Array, Programming on various types of array, array with looping, Tricky Interview concepts on array.

Lecture-13: Implementation of data structure concepts by using array and looping.

Lecture-14: Data structure programming by using array.

Lecture-15: Character Array and string, Programming on character array and string.

Lecture-16: String with Predefine function.

Lecture-17: String with ought Predefine function

Lecture-18: Pointers, Pointer Expression with programming

Lecture-19: Pointer and array, Array of Pointer with programming

Lecture-20: Structure and Union, Pointer and Structure.

Lecture-21: Pointer as function arguments, Functions returning pointer.

### C++ Language:-

Lecture-1: C++ Overview, Basic fundamentals of OOPS, Classes and Objects.

Lecture-2: Tricky interview questions on OOPS.

Lecture-3: Operators, Loop Type, Decision Making, Functions, Arrays.

**Lecture-4:** Programming Practice with various concepts of OOPS.

**Lecture-5:** Strings, Pointers with programming.

**Lecture-6:** Pointer to the member function, Programming practice.

Lecture-7: Programming Practice on Previously covered Topics.

Lecture-8: Data structure programming by using the various concepts of OOPs.

Lecture-9: Introduction of Constructor and Destructor with programming practice.

Lecture-10: Tricky Interview Questions on Constructor and Destructor.

Lecture-11: Inheritance, Types of Inheritance, Programming Practice.

Lecture-12: Programming on Inheritance.

Lecture-13: Operator Overloading with Programming Practice. Lecture-14: Function Overloading with Programming Practice.

Lecture-15: Programming Practice on Various Concepts.

Lecture-16: Tricky Interview Questions on Various Concepts

Lecture-17: File Handling Concepts with Programming

Lecture-18: Programming Practice on File Handling.

Lecture-19: Test-1 (C-Programming)
Lecture-20: Test-2 (C++-Programming)

Lecture-21: Test-3 (C & C++ Programming)

## Data Structure:-

Lecture-1: Introduction to data structure, Algorithm and Complexity.

Lecture-2: Operations on Data Structure.

Lecture-3: Searching and Sorting Methods with Complexity.

Lecture-4: String and Word Processing

Lecture-5: Array and It's Operations

Lecture-6: Linked List With Operations

Lecture-7: Linked List With Operations

Lecture-8: Stacks with Operations

Lecture-9: Queues with Operations

Lecture-10: Tower of Hanoi

Lecture-11: Tree and Its Types

Lecture-12: Operations on Tree

Lecture-13: Operations on Advanced Trees.

Lecture-14: Graph Theory

Lecture-15: Shortest Path and Warshall's Algorithm

Java Programming:-

Lecture-1: Java - Overview, Java Environment Setup, Java Basic Syntax, Java Object & Classes, Java Basic Data types.

Lecture-2: Java Variable Types, Java Modifier Types, Java Basic Operators, Java Loop Control, Java Decision Making, Java Numbers, Java Characters.

Lecture-3: Java Strings, Java Arrays, Java Date & Time, Java Regular Expressions, Java

Methods, Java Files and I/O, Java Exceptions, Java Inner Classes.

Lecture-4: Java Object Oriented: Java Inheritance.

Lecture-5: Java Overriding, Java Polymorphism.

Lecture-6: Java Abstraction, Java Encapsulation.

Lecture-7: Java Interfaces, Java Packages.

Lecture-8: Java AWT

Lecture-9: Java APPLET

Lecture-10: Java SWING

## Database:-

Lecture-1: Introduction of database, Introduction of SQL.

Lecture-2: Data Definition Language,

Lecture-3: Data Manipulation

Lecture-4: Operators, Clauses,

Lecture-5: Indexes

Lecture-6: Normalization

Lecture-7: Triggers, Stored Procedures, Cursors,

Lecture-8: Advance Database Concepts (Related as RDBMS, Data Mining)

### HTML:-

Lecture-1: HTML Introduction: HTML Elements, HTML Attributes, HTML Paragraphs,
HTML Styles, HTML Formatting, HTML Comments, HTML Colors, HTML CSS,
HTML Links, HTML Images, HTML Tables, HTML Lists, HTML Iframes,
HTML Head, HTML Layout.

Lecture-2: HTML Forms: HTML Form Elements, HTML Input Types, HTML Input.
Attributes

Lecture-3: HTML Media: HTML Video, HTML Audio, HTML Plug-ins, HTML YouTube.

### CSS:-

Lecture-1: CSS Introduction, CSS Syntax, CSS How To, CSS Colors, CSS Backgrounds, CSS Borders, CSS Margins, CSS Padding, CSS Height/Width, CSS Box Model, CSS Outline, CSS Text, CSS Fonts, CSS Icons, CSS Links, CSS Lists, CSS Tables, CSS Display, CSS Max-width, CSS Position, CSS Overflow, CSS Float, CSS Inline-block, CSS Align.

**Lecture-2:** CSS Combinators, CSS Pseudo-class, CSS Opacity, CSS Navigation Bar, CSS Dropdowns, CSS Tooltips, CSS Image Gallery, CSS Image Sprites, CSS Attr Selectors, CSS Forms, CSS Counters.

### PHP:-

Lecture-1: Introduction to PHP: Installation and requirements, Syntax and variables, Data

types and Constants

Lecture-2: Operators: Arithmetic operators, Logical Operators, Assignment Operators,

Comparison operators

Control Structure: Simple if, else-if, Switch.

Lecture-3: Looping: for, while, do-while, functions, String functions; math functions, Arrays.

Lecture-4: PHP form handling: PHP form required, Includes, Sessions

Lecture-5: PHP database Connectivity: Mysql Intro, Mysql Connect, Insert, Select, Update,

delete

Lecture-6: Modules: Registration, Login

### Soft Skill:-

Lecture-1: Importance of Communication in T & P, Public Speaking.

Lecture-2: Verbal & Non-Verbal Aptitude (English).

Lecture-3: GD Instructions & Grammar. Lecture-4: GD Practice & PI Instructions. Lecture-5: GD Practice & PI Instructions. Lecture-6: Test on Verbal & Non-Verbal.

## Quantitative:-

Lecture-1: Number Systems

Lecture-2: Number Systems

Lecture-3: Simplification Lecture-4: Simplification

Lecture-5: Ratio & Averages

Lecture-6: Ages

Lecture-7: Percentages-1

Lecture-8: Percentages-2

Lecture-9: Profit & Loss (S1-CI)

Lecture-10: Profit & Loss (SI-CI)

Lecture-11: Profit & Loss (SI-CI)

Lecture-12: Time & Work-1

Lecture-13: Time & Work-2

Lecture-14: Time & Work-3

Lecture-15: Time & Distance

Lecture-16: Time & distance (Problems on Trains)

Lecture-17: Time & distance (Problems on Trains)

Lecture-18: Permutation & Combination-1

Lecture-19: Permutation & Combination-2

Lecture-20: Permutation & Combination-3

Lecture-21: Data Interpretation Lecture-22: Data Interpretation Lecture-23: Data Sufficiency Lecture-24: Data Sufficiency

Lecture-25: Test-1 Lecture-26: Test-1

## Reasoning:-

Lecture-1: Puzzles (Linear Arrangement)

Lecture-2: Puzzles (Comparison)

Lecture-3: Puzzles (Circular Arrangement)

Lecture-4: Critical Reasoning (Statement & Assumption)

Lecture-5: Statement and Conclusion

Lecture-6: Courses of Action

Lecture-7: Clock and Calendars

Lecture-8: Non-Verbal Reasoning

Lecture-9: Arithmetic Reasoning

Lecture-10: Symbols and Notations

Lecture-11: Decision Making

Lecture-12: Input & Output

Lecture-13: Revision of Series

Lecture-14: Revision of Coding & Decoding

Lecture-15: Revision of Blood relations

Lecture-16: Revision of Direction Sense

Lecture-17: Revision of Deduction (Syllogisms)

Lecture-18: Revision of Deduction (Syllogisms)

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Amravati.

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Phone No.

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Branch:

Seal & Signature of Authority

Signature

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Dr. S. K. Mahajan, Director, DTE
Dr. M. G. Chandekar, VC SGBAU Amravati.
Dr. Vijay Bhatkar, Chancellor of the Nalanda University
Dr. P. M. Khodke, Principal, G.C.O.E. Karad
Prof. D. N. Shingade, Joint Director, RO Amravati

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# Convener

Prof. A. S. Kapse Dept. of Computer Science & Engineering

# Convener

**Prof. V. B. Bhagat**Dept. of Computer Science & Engineering

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Prof. C. J. Shelke Prof. A. B. Gadicha Prof. P. P. Pawade Prof. K. K. Chhajed Prof. P. V. Kale

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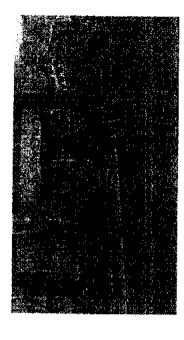


# Organized By

Department of Computer Science & Engineering

P. R. Pote (Patil) College of Engineering & Management, Amravati
Pote Estate, Kathora Amravati 444603
Phone: 0721-2531560, 2530342

Fax-0721-2530341 E-Mail: csesttp2018@gmail.com



# About Institute

P. R. Pote (Patil) College of Engineering & under one roof. The Group offers undergraduate Management, Amravati was established in 2009 and is affiliated to Sant Gadge Baba Amravati Education (A.I.C.T.E.) New Delhi, It's also accredited by NAAC with 'A' grade in 2017. P. R. ote (Patil) Group of Educational Institute & Welfare Trust Amravati is a foremost name in echnical Education in Maharashtra. Since its disciplines of Engineering, Management and Fechnology. The Institute highly believes in nurturing ethics and moral values in students. The college is situated in quiet and peaceful part of the city with a teaching and learning environment. College has 100 acres of land and total built-up Jniversity Amravati. It is recognized by Govt. of Maharashtra and All India Council for Technical nception, the trust has been successfully conducting undergraduate and post graduate as well as post graduate courses in various courses in emerging areas. It has ten institutes area is above two lakh sq.ft. By the blessings of

standard of morality and ethics, innovation and

creativity will be realized within few years.

Shri. Sant Gajanan Maharaj, we aim at developing a pursuit of knowledge in students, commitment to economic, social & cultural uplifting of masses.

# About Computer Science & Engineering Department

Department of Computer Science & Engineering was established in 2009. We realize that education is the basis for the complete

development of individual and for this purpose we

have dedicated teaching staff, Digital Classrooms, Our constant endeavor is to provide gamut of the progress and development of nation with high Wi-Fi campus, library. practical engineers, top class managers and also We are confident enough that our dream to create quality, opportunities for our students to make them citizens. a new generation which will be responsible for Placement cell, state-of-art auditorium, well equipped laboratories, classrooms, departmental sophisticated equipments, infrastructure and good

# About STTP

This STTP will help to inculcate the new ideas and to accustom with recent changing scenario of technologies in Computer Science & Engineering field. This training program will aware in all the researchers, industrialists and faculties to enhance in recent techniques of Computer Science & Engineering.

# **Eligibility Criteria**

Participation in this STTP is open to professionals working in Academic domain, industry and P.G. Students who wish to gain the knowledge of current trends in these fields.

# REGISTRATION:

Academic Professionals: - 1200/-For ISTE members :1000/-Industry Professionals: - 2000/-P. G. Students:-750/-

- Payment by cash or DD drawn in favor of 'Principal, P. R. Pote (Patil) College of Engineering & Management, payable at Amravati.
- Registration form can be downloaded from College website.
- The complete application form in the prescribed format along with registration fee should reach the state of the state of the should reach the state of the state

# Address for Correspondence:

P. R. Pote (Patil) College of Engineering & Management, Pote Estate, Kathora Road, Amravati 444603.

Email-id: csesttp2018@gmail.com Website: Intra-Section Prof. A. S. Kapse Prof. V. B. Bhagat
Convener
CSE Dept. CSE Dept.
Cont.-8446671321 Cont.-7028026875
arvindkapse@yahoo.com matevaishali2@gmail.com

# P. R. Pote(Patil) College of Engineering & Management, Amravati. Department of Computer Science & Engineering Schedule of STTP on "IoT & Big Data" (18<sup>th</sup> June to 27<sup>th</sup> June 2018)

Date	11.00 am to 12.00	12.00 pm to 1.00 pm	1.00 pm to 2.00 pm	2.00 pm to 2.30 pm	2.30pm-3.30 pm	3.30pm- 4.15pm	4.15 to 4.30	4.30pm- 5.30pm
18/06/2018	Inaugural Function	Key note on ToT	Discussion & QA	Lunch Break	"Disruptive Technologies that will Shape our future"	"Disruptive Technologies that will Shape our future"	Tea Break	Lub Session
	Main Building, Seminar Hall	Mr. Rajendra Khope	Mr. Rajendra Khope		Mr. Rajendra Khope	Mr. Rajendra Khope		
19/06/2018	TOT Convergence	Installation of Python IDE Introduction and configuration of Raspberry pt	Pethon Programming LTD interfacing and Blinking	Lunch Break	PWM generation Switch Interfacing	Reading inputs from key interfacing Introduction to think speak	Tea Break	Account configuration with think speak & demo
	Mr. Rajendra Khope	Mr. Rajendra Khope	Mr. Rajendra Khope		Mr. Rajendra Khope	Mr. Rajendra Khope		Mr. Rajendra Khope
20/06/2018	Introduction to temperature and humidity sensor Interfacing and programming with sensors	Introduction to Ultrasonic sensor Interfacing ultrasonic sensor with collecting data to server	Generating channel on thingspeak	Lunch Break	Programming raspherry pi to send data of sensors on thingspeak	Distance measurement with ultrasonic sensor Configuring server with distance itemsel collections	Tea Break	ltemset exploration with collected big data
	Mr. M. D.Bharti	Mr. M. D.Bharti	Mr. M. D.Bharti		Mr. M. D.Bharti	Mr. M. D.Bharti		Mr. M. D.Bharti
21/06/2018	IOT With Big cata Various Tools For BIG Data Analytics	Programming Languages for Big Data Analytics	Introduction to R and R Studio	Lunch Break	Introduction to iPython Python with Big Data	Anaconda Framework with Big Data analytics	Fea Break	Data Science with Python
	Mr. M. D.Bharti	Mr. M. D.Bharti	Mr. M. D.Bharti		Mr. M. D.Bharti	Mr. M. D.Bharti		Mr. M. D.Bharti
22/06/2018	NumPy with aPython SuPy	MatPlotLib Pandas with Python	Scrapy Framework For Big Data Data Structure in python	Lunch Break	Analytics Development with iPython Programming tools Working with Series and data frames in python	Big Data Analytics Development in Pytion Analytics with QT Console	Tea Break	Reading data from CSV Quick data Exploration using QT Distribution analysis using (Python)
	Dr. C. N. Deshmukh	Dr. C. N. Deshmukh	Dr. C. N. Deshmukh		Dr. C. N. Deshmukh	Dr. C. N. Deshmukh		Dr. C. N. Deshmukh
3/06/2018	Embedded system & IoT Applications in different domain	loT vs BigData . What is IoT Analytics- In- depth explanation	Streaming Analytics Tools in Big Data Lawtronment Tools –	Lunch Break	Hands on practice on Big Data Analytics using R	Hands on practice on Big Data Analytics using R	Tea Break	Hands on practice on Big Data Analytics using R

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Amravati.

	· ·	loT- Big Data Market Analytics	R,DB,Matlab	,			:	
	Dr. G. R. Bamnote	Dr. G. R. Bamnote	Dr. A. S. Alwi		Dr. H. R. Deshmakh	Dr. H. R. Deshmakh	:	Dr. H. R. Deshmakh
24/06/2018	lo⊤- Data Marketing Strategy	Channels hierarchy. Connecting channels and devices	Twitter IFTITE to F Operating Systems Twitter Authentication and Retrieval of Big Data Tweets	Lunch Begak	Opportunities in the current landscape Digital Channels	Big Data Analytic Loals , Evalter Big Data Stansheal Analysis and Visualization	Tea Break	Leather Big Data Statistical Analysis and Visualization
	Mr. NAV. Deshmukh	Mr. N.W. Deshmukh	Mr. N.W. Deshmakh	] [	Mr. N.W. Deshmakh	Mr. N.W. Deshmukh		Mr. N.W. Deshmukh
25/06/2018	loT Market Analysis : Lorecast analysis	Channel vis Devices :	Hive and R analysis for big data	Lunch Break	Practical understanding of Cypher Query Language	Basic concepts of Mongo DB, Big data using Matlab	Tea Break	io't Data Analytics Tools- ThingSpeak
	Mr. Amol Bhopale	Mr. Amol Bhopale	Mr. Amol Bhopale		Mr. Amul Bhopale	Mr. Vmol Bhopale	<del> </del> 	Mr. Amol Bhopale
26/06/2018	Market Case Study	Segment- Specific Forceasts : Surveys	Bag data Processing for to l applications	Lunch Break	Smart healthcare with lo f and bug data	Interrier of Things applications Big Data and Io I standardization	Tea Break	Interoperabitits of big data and lod systems
	Mr. N.W. Deshmukh	Mr. N.W. Deshmukh	Mr. N.W. Deshmukh		Mr. N.W. Deshmukh	Mr. N.W. Deshmakh	1	Mr. N.W. Deslimukh
27/06/2018	IPR & Research in Big Data	HPR & Research in Big Data	IPR & Research in Toff	Lunch	Valedictory			:
	Dr. A. S. Alwi	Dr. S. D. Wakde	Dr. D. G. Wakde	Вгенк	· · · · · · · · · · · · · · · · · · ·			

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# Registration Form



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attended a short term training program of two weeks on

"IoT & BIG-DATA"

held during 18th June to 27th June 2018

# Organized By

Department of Computer Science & Engineering



Prof. A. S. Kapse Coordinator



Prof. V. B. Bhagat Coordinator

Prof. S. K. Nanda

Convener





Short Term Training Program (STTP)

Approved by ISTE, New Delhi [STTP-SF / MAH-002/2018-197



This is to certify that Mr/Ms .... Prof. Laach! V. Kake..... has

attended a short term training program of two weeks on

"IoT & BIG-DATA"

held during 18th June to 27th June 2018

# Organized By

Department of Computer Science & Engineering



Prof. A. S. Kapse Coordinator



Prof. V. B. Bhagat Coordinator

Prof. S. K. Nanda Convener



Short Term Training Program (STTP)

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Department of Computer Science & Engineering



Prof. A. S. Kapse Coordinator



Prof. V. B. Bhagat Coordinator

Munda

Prof. S. K. Nanda Convener

A Party



# P. R. Pote (Patil) Educational and Welfar's Trust's, Group of Institutions, College of Engineering and Management, Amravati DEPARTMENT OF ELECTRONICS & TELSCOMMUNICATION ENGINEERING



ELECTRONICS AND TELECOMMUNICATION STUDENT ASSOCIATION (ETSA)

EVENT AND ACTIVITY REPORT

Academic Year- 2017-18

# P. R. Pote (Patil) Educational and Weifare Trust's, Group of Institutions, College of Engineering and Management, Amravati

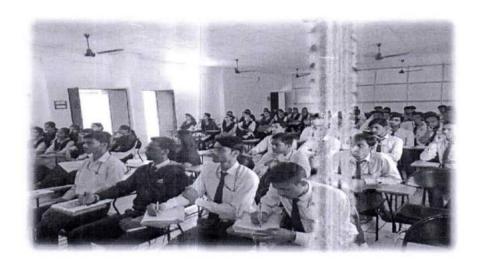
## DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

Technical Talk on "Recent Trends in Electronics and to be aware of Different Development Board"

Department of Electronics & Telecommunication Student Association (ETSA) Amravati, had organized a guest lecture on "Recent Trends in Electronics and to be aware of Different Development Board" on 05/02/2018. The Guest Person was Nayana Bhende Team Lead, Vadactro Technologies India Pvt. Ltd.

Ms.Nayana Bhende, initiated the session by talking about the types of different technique of project management & different definition related to project management, she also cover Emerging trends for the future and talk about IoT and other areas such as Virtualization, Dev Ops, and Machine Learning along with demonstration of different kits developed by Vadactro Technologies. The students and faculty found the session to be highly informative and useful. Nearly 80 students got benefitted through this programme.





Dr. R. D. Ghongade

HOD, EXTC

P.R. Pote (Patil) College of Engg. & Managel...... Amravati. Napara Bhande.

# P. R. Pote (Patil) Educational and Welfare Trust's, Group of Institutions,

# College of Engineering and Management, Amravati

# DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

# Recent Trends in ENTC.

## Attendance

Sr. No.	Name of Student	Dept.	Year	Sign
1	Ku.Aachal Wankhade	EXTC	III	+
2	Ku. Aishwarya R Kokate	EXTC	III	Acher
3	Ku. AishwaryaDeshmukh	EXTC	III	Roker
4	Ku. Anjali H. Nandurkar	EXTC		anghor
5	Ku. AratiS.Nagpure		III	Anach
6	Ku. Deeksha S Kshirsagar	EXTC	III	Arabil
7	<u> </u>	EXTC	Ш	how
	Ku. Kshtija W Ghatol	EXTC	III	10011-0
8	Ku. Manju S Vinchurkar	EXTC	III	Mr. J.
9	Ku. Mayuri Chaudhary	EXTC	<u> III                                  </u>	Stroburk
0	Ku, Mrunal R. Radake	EXTC	III	Marm
1	Ku, MrunmaiBagalkar	EXTC	111	dele
2	Ku. Neha Sunil Kubade	EXTC	<u> </u>	Dagaka
3 ]	Ku. Nikita DilipFasate		III	Jehalen
L	Ku. NitishaGanpat Bari	EXTC	III	Waste.
	Ku. Pooja I. Bairagi	EXTC	111	Done -
		EXTC	III	Faragi
	Ku. Poonam U. Gawande	EXTC	III	
	Ku. PranitaNanduUbhad	EXTC	— III	- ownered
	Lu. Priti P. Wankhade	EXTC	III	Branila Ubha
K	u. Priyanka S. Dhawale	EXTC	III	Vimkaon

Sr. No.	Name of Student	Dept.	Year	Sign
44	Manoj Sharad Kudave	EXTC	III	Ludve
45	Mayur Narendra Jirapure	EXTC	Ш	
46	Nayan P. Chandore	EXTC	III	nandore
47	Nikesh Ganeshrao Wanjari	EXTC	III	amax
48	PiyushNarndraBhatkar	EXTC	iii —	7
49	Pratik SunilraoTembale	EXTC	III	Semple
50	RehanSyadAkram	EXTC	III	
51	Sanjaykumar S Sodani	EXTC	III	Kran
52	SarthakKandalkar	EXTC	III	Soden
53	ShivamSubhashMotharkar	EXTC	III	anelaken
54	ShubhamAmbekar	EXTC	III	molnd
55	SiddeshwarKhanduji Dhole	EXTC	III	Ambeber
56	VikasKonge	EXTC		hele

H.O.D. (XXTC Dept.)
P.R.Pote (Paul) College of Engg. & Management
Amravati.

# P. R. Pote (Patil) Educational and Welfare Trust's, Group of Institutions,

# College of Engineering and Management, Amravati

# DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING RECENT TECHNOL IN ENTC.

## Attendance-2017-18

Sr. No.	Name of Student	Dept.	Year	Sign
1	Ku. Aishwarya R Kokate	EXTC	II	Akokale
2	Ku. AishwaryaDeshmukh	EXTC	II	Aeshmok
3	Ku. Anjali HabbuNandurkar	EXTC	II	Nandular
4	Ku. AratiShankarraoNagpure	EXTC	II	And Nagrey
5	Ku. Deeksha S Kshirsagar	EXTC	II	shirsage
6	Ku. DikshaDilipraoAmbadkar	EXTC	II	Ambudun
7	Ku. Kshtija W Ghatol	EXTC	П	Phutot
8	Ku. Manju S Vinchurkar	EXTC	II	Vindorkat
9	Ku. MayuriChaudhary	EXTC	II	neveltare
10	Ku. MrunalRajabhauRadake	EXTC	II	Fuclbe
11	Ku. Neha Sunil Kubade	EXTC	II	Kubde
12	Ku. Nikita DilipFasate	EXTC	П	Fallic
13	Ku. NitishaGanpat Bari	EXTC	II	
14	Ku. PoojaIshwardasBairagi	EXTC	II	Dora Ban
15	Ku. Poonam U Gawande	EXTC	II	Faworele
16	Ku. PranitaNanduUbhad	EXTC	II	(bhael)
17	Ku. PritiPadmakarWankhade	EXTC	II	- Jeale
18	Ku. PriyankaSantoshDhawale	EXTC	II	Priyanka. Dha
19	Ku. PunamGajananBharambe	EXTC	II	Phatamba

44	ArjunPratapsinghChauhan	
	GopalRambhau Kale	(Valle)
	HarshalUmakantKakde	+ Fale
	Manoj S. Kudwe	كالعدان ا
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	Nayan P. Chandore	Kanderse
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	Pratik N. Tamble	temple
<u> </u>	RehanSyadAkram	Alemons
	Sanjaykumar S. Sodhani	gnotheni
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P.R.Pote (Palii) College of Engg. & Management Amravati.

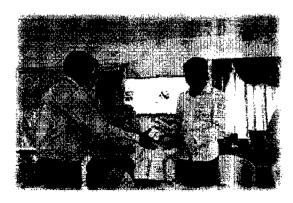
# P. R. Pote (Patil) Educational and Welfare Trust's, Group of Institutions, College of Engineering and Management, Amravati

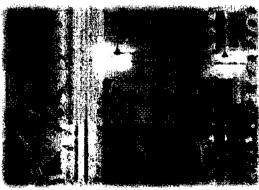
### DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

## Guest Lecture on "Chhatrapati Shivaji Maharaj"

Department of Electronics & Telecommunication Student Association (ETSA) Amravati, had organized a guest lecture on "Chhatrapati Shivaji Maharaj" on 21/02/2018. The Guest Person was Mr. Yogesh N. Patil, Pune.

Mr. Yogesh N. Patil shares his experience as motivational speaker on Chhatrapati Shivaji Maharaj life and to guide our students. The session was veryinspiring, our students get Motivate from your thoughts on Shivaji Maharaj. Session includes Childhood & Early Life of shivaji Maharaj and how it relates to students early life stage, Struggles in Maharaj life and how to face different situations in students life, about Coronation and Conquests, session also covers the Administration qualities of Shivaji Maharaj. Nearly 120 students got benefitted through this programme.







Dr. R. D. Ghongade

HOD, EXTC

H.O.D. (EXTC Dept.)
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Amravati.

#### P. R. Pote (Patil) Educational and Welfare Trust's, Group of Institutions,

#### College of Engineering and Management, Amravati

#### DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

#### chatrapati Shivaji Maharaj Attendance-Session 2017-18

Sr. No.	Name of Student	Dept.	Year	Sign
1	Ku Ankita R. Gawande	EXTC	IV	Oh il
2	Ku Aparna D. Kale	EXTC	IV	Dievande Akule
3	Ku Ashwini R. Bhattao	EXTC	ΙV	
4	Ku Asmita P. Landge	EXTC	ĬV	huttas
5	Ku Bhagyashri Y. Kotnake	EXTC	IV	Blandge
6	Ku Bharati D. Koltake	EXTC	IV	
7	Ku BhavikaGanjiwale	EXTC	IV	B.D. Kolhok
8	Ku Bhavika J. Bhise	EXTC	IV	Bhisa
9	Ku DhanashriChabukswar	EXTC	ΙV	Druge -
10	Ku Dhanashri Vilas Lavte	EXTC	IV	Thabuksus.
11	Ku GauriVipinAtkare	EXTC	IV	- Pharte
12	Ku Jayashri P. Punse	EXTC	IV	- <del> </del>
13	Ku KajalHenchandDhote	EXTC	IV	Punsa
14	Ku Kalyani S. Barbuddhe	EXTC	IV	- Chore
15	Ku KiranDilipPatke	EXTC	IV	K. Burbuckete
16	Ku KirtiRamrao More	EXTC	IV	ν
17	Ku Komal S. Mathankar	EXTC	ΙV	more
18	Ku KomalSubhashYenkar	EXTC	IV	Smathanker Yenken
19	Ku Leena Vijayrao Uikey	EXTC	IV	Henken

Sr. No.	Name of Student	Dept.	Year	Sign
44	Ku Sneha Ravi Bhagat	EXTC	IV	Ashanis
45	Ku Sumati S. Biswas	EXTC	IV	- Bruker
46	Ku Vaishnavi P. Changole	EXTC	IV	Whatel -
47	Ku Vrushali R. Kumbhare	EXTC	IV	ma gae
48	Akshay Vijay Kolhe	EXTC	IV	Akilhe
49	AmardeepArunThorat	EXTC	IV	Thorse
50	AnkitDilip Kale	EXTC	IV	100 1e
51	AnujKamrajBorkar	EXTC	IV	A.M. Borkon
52	Bhagwat D. Akhand			Phh.
.53	Dattatray P. Mohod			British -
54	GauravRajeshwarTaiane		· · · · · · · · · · · · · · · · · · ·	无
.55	JeevanVikasraoSarode			Gaiane
56	JiwanHariRathod	+		Jacowe 1
57	MohdSufiyan			Rothard.
58	Nikhil NarendraWankhade			Miankhaele
.59	Piyushsingh G. Thakur			D,
60	Pranit P. Vishwakarma		<u>.                                    </u>	Thakur
.61	Prasad R. Talokar			101.
62	Pratik P. Yengade			Palokak.
63	RathodYogesh Ramesh		<del></del>	Du thund
64	RiteshSunilraoVidhale		· -	Rather
65	Rohit Ramesh Chopkar			Marieno
.66	SanketArunBondre			- · · · · · · · · · · · · · · · · · · ·
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#### P. R. Pote (Patil) Educational and Welfare Trust's, Group of Institutions,

#### College of Engineering and Management, Amravati

#### DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

#### chatrapati shiyaji Maharaj

#### Attendance

Sr. No	Nome at the second	Dept.	Year	Sign
1	Ku.AachalWankhade	EXTC	Ш	100
2	Ku. Aishwarya R Kokate	EXTC	III .	Akwankate
3	Ku. AishwaryaDeshmukh	EXTC	III	Akskute
4	Ku. Anjali H. Nandurkar	EXTC	III	- 12 comulch
5	Ku. AratiS.Nagpure	EXTC	III	
6	Ku. Deeksha S Kshirsagar	EXTC	III	Nagpure
7	Ku. Kshtija W Ghatol	EXTC	in -	1. 1/2
8	Ku. Manju S Vinchurkar	EXTC	111	Thatal
9	Ku. Mayuri Chaudhary	EXTC	III	Michinkia
10	Ku. Mrunal R. Radake	EXTC	III	Mhaudhery
11	Ku. MrunmaiBagalkar	EXTC	<u> </u>	/
12	Ku. Neha Sunil Kubade	EXTC	III	Bounker
13	Ku. Nikita DilipFasate	EXTC	III	Alubacte
14	Ku. NitishaGanpat Bari	EXTC		<u> </u>
15	Ku. Pooja I. Bairagi	EXTC		Bari
16	Ku. Poonam U. Gawande	EXTC	111	P. I. Buiray
17	Ku. PranitaNanduUbhad	EXTC	Ш	Juwanda
18	Ku. Priti P. Wankhade	EXTC		Eshacel
19	Ku. Priyanka S. Dhawale	EXTC	III	Phankhad
<del> </del>			111	Bhavale

Sr. No.	Name of Student	Dept.	Year	Sign
20	Ku. Punam G. Bharambe	EXTC	Ш	Phaleamb
21	Ku. PurvaShnakarRokade	EXTC	III	Rokade
22	Ku. Radhika R Shankar	EXTC	III	Bhankuz
23	Ku. Rakshanda Chandekar	EXTC	III	Jungleke
24	RushankiBelokar	EXTC	III	- Junes pas
25	Ku. Samrudhi M Harode	EXTC	III	920
26	Ku. Shital Sanjay Sonare	EXTC	III	Thurwood
27	Ku. Shital Santosh Hirkane	EXTC	III	Shitdean
28	ShivaniKene	EXTC	III	40
29	Ku. Shraddha D. Nimkar	EXTC	III	Dene 500
30	Ku. ShradhaDilipWarhade	EXTC	111	Dimkur,
31	Ku. Shrutika V. Yenkar	EXTC	Ш	· · · · · · · · · · · · · · · · · · ·
32	Ku, Shweta R Dandage	EXTC	III	Jankur
33	Ku. Vaishnavi Wankhade	EXTC	III	- Dandaye
34	Ku. VedikaPanjabraoJoge	EXTC	III	Mitalkheed
35	Ku. VijayaPramodGulhane	EXTC	III	
36	Aditya AshokraoAherakr	EXTC	III	Milania
37	Ajay BhagwanJadhao	EXTC	III	Machen:
38	Ajay Mishra	EXTC	III	Machen
39	Arjun Pratapsingh Chauhan	EXTC	III	
10	BhushanBaringe	EXTC	III	Booting
11	Gaurav Kale	EXTC	<u>III</u>	15 Baturen
2	Gopal Rambhau Kale	EXTC	III	grans.
3	Harshal Umakant Kakde	EXTC	III	Gleate

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Sr. No.	Name of Student	Dept.	Year	Sign
44	Manoj Sharad Kudave	EXTC	III	Ober louis
45	Mayur Narendra Jirapure	EXTC	Ш	Hudewo
46	Nayan P. Chandore	EXTC	III	Handay
47	Nikesh Ganeshrao Wanjari	EXTC	III	Chandra
48	PiyushNarndraBhatkar	EXTC	III	- Jan Jan -
49	Pratik SunilraoTembale	EXTC	III	Bhaken
50	RehanSyadAkram	EXTC	III	Des
51	Sanjaykumar S Sodani	EXTC	Ш	Steam
52	SarthakKandalkar	EXTC	III	Bodani
53	ShivamSubhashMotharkar	EXTC	III	
54	ShubhamAmbekar	EXTC	III	Smothagler
55	SiddeshwarKhanduji Dhole	EXTC	III -	Mobekus
56	VikasKonge	EXTC	111	Monde

H.O.D. (EXTC Dept.)
P.R.Pote (Patil) College of Engg. & Management
Amravati.

## P. R. Pote (Patil) Educational and Weifare Trust's, Group of Institutions, College of Engineering and Management, Amravati

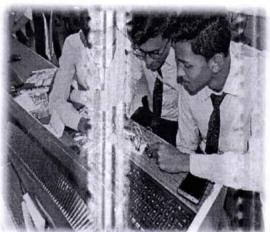
DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING
Workshop on "Introduction to IoT and Hands on Training on Arduino"



On date 28<sup>th</sup> to 30<sup>th</sup> December, 2017 EXTC department of PRPCEM organized threedays workshopon "Introduction to IoT and Hands on Training Arduino". Workshop was conducted by two experts MahendraRandive, Assistant Professor at Electronics Department, PRPCEM college and AniketPawade, Assistant Professor at Electronics Department, PRPCEM college.

What Skill will be developed: Programming Skill will be developed. Students will able to read data from board, on sensor. Understand the concept behind smart cities, smart wearable's & smart switches. Attended will be capable of designing any application by integrating multidisciplinary concepts and can understand all the process of smart products likesmart switches, smart watches, smart meters etc.





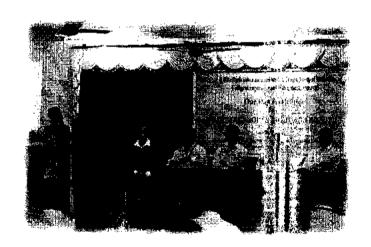
Dr. R. D. Ghongade

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

### DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING Workshop on "Solar Emergency Light & Robotics"

Department of Electronics & Telecommunication and IETE student forum Amravati, had organized a 1 day workshop on "Solar Emergency Light & Robotics" 12<sup>th</sup> January 2018.

The main objective of this workshop was to make the aspiring village students acquainted with the conceptual as well as practical knowledge of the solar emergency light& latest technologies being used to achieve automation and provide information to village students to develop their own Light





Dr. R. D. Ghongade

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H.O.D. (EXTC Dept.)
P.R.Pote (Patil) College of Engg. & Management
Amravati.

P.R. Pote (Patil) Educational and Welfare Trust's Group of Institutions, College of Engineering and Management, Amravati One Day Workshop

EMERGENCY SOLAR LIGHT AND ROBOTICS

Organized by

Department of Electronics & Telecommunication Engineering

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P.R.Pote (Patil) Educational and Welfare Trust's Group of Institutions, College of Engineering and Management, Amravati One Day Workshop

EMERGENCY SOLAR LIGHT AND ROBOTICS

Organized by

Department of Electronics & Telecommunication Engineering

List of Registered Students

Sr.	: Teached Student Name	Class	School/ College Name	Contact No.	Sign
Student +	Student - 1. Shubbam S. Kaushtik	gth strei	Sheifam Mighachaol,	8698033826	5.5. Kashti
Feather - 2	Rumash G. Ichowolaze	1		8763493604	Willelle
<u>L</u> è	Tushar P. Sabale	mis	Situbai Sanoai Ronna shala Ans.	9767188977	Fakak.
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8	Jam's Sim	45hm	Shri Ram high school	95619-12359	449
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800	8. Mr. Sachin Dum.	P.R.	P.R. Pok PatilInt . School.	94,04338425	Ř
	Ms Sunarna Deshrudel	6 8 8	,	3423425821	), ),
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<u>  5</u>	mr. B. B. Shakase	bre	Brasali Vibralang	9545725036	SE-
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P.R.Pote (Patil) Educational and Welfare Trust's Group of Institutions, College of Engineering and Management, Amravati One Day Workshop

EMERGENCY SOLAR LIGHT AND ROBOTICS

Organized by

Department of Electronics & Telecommunication Engineering

_			List of Registered Students		
1	No. Student Name	Class	School/ College Name	Contact No.	Sign
7	27. Vedant Wanthada	10++)	Abhyana English school	9970767160	Jassa Clas
十	2 Drangy Makesor	£ 8		9637670989	Banay
3	3. PEUDON VIRUIKON	€ <del>(</del>		8975096197	Person
1	4. Rithik Wakade	-		7218069625	₹10% 100%
7	6. Puneshwar kandare	<u>-1</u>			Roberton
**	6 Vishal Yevtkar	5	7 11 ·		Wie verke
*	3 Subodh Bhakeharso	£		9545874116	Spander
<del>- ]</del> -	Siddharth sangai	- []-	SPOSCHOT SUNFOCOT	7588084814	~XX
<u>~~`'\</u>	Vinay Nawondar	1		8390768600	0
a_	Maitik chhattar	7	-110		, como
	Waidahont Gulande	-11-	[ ]	8007042402	
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	15 Nikito chouhan	1	× 11-	9881729009	(Westho)
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P.R.Pote (Patil) Educational and Welfare Trust's Group of Institutions, College of Engineering and Management, Amravati One Day Workshop

EMERGENCY SOLAR LIGHT AND ROBOTICS

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Department of Electronics & Telecommunication Engineering

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R. P. D. (EXTC Dept.)
R. P. P. S. (Extl.) College of Enga. & Management
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P.R.Pote (Patil) Educational and Welfare Trust's Group of Institutions, College of Engineering and Management, Amravati One Day Workshop

EMERGENCY SOLAR LIGHT AND ROBOTICS

Department of Electronics & Telecommunication Engineering Organized by

List of Registered Students

		Ţ	List of Acgister ed Students		
Student Name Class	Class		School/ College Name	Contact No.	Sign
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g th			proporti vidhu Rahman	9763584846	D Brown Lawn
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# OII EMERGENCY SOLAR LIGHT AND ROBOTICS

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Department of Electronics & Telecommunication Engineering

List of Registered Students

	Į			List of Registered Students		
	7 E	Student Name	Class	School/ College Name	Contact No.	Sign
•	7	Safal Prokash Knedka	945	Shree. Ram nigh school	1	S.P. M. R.
•/	\ci	Rajesh W. Tayde	944		1	
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•	8	Ashusin hood	9th	Shitabai Sanghai highschool	\$378075258	
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•	8	\$	34	- 11-	94076A1A90	1
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•	18	Tushar m. mankar	9 th	Shree- guzudev Mahavidyalay	75072036	No.
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# EMERGENCY SOLAR LIGHT AND ROBOTICS

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Department of Electronics & Telecommunication Engineering

List of Registered Students

				List of Registered Students		
•	Sr. No.	Student Name	Class	School/ College Name	Contact No.	Sign
Ž	18	priyanka R. Jadhav	10th	GF K. Ichapme School	7709742020	1/2
	2	Mohini Motilalkas	١٥٤	- 11 -	9545216843	Onkand
•	2	Alisha R. duene	104	- 11 -	9999866194	A Committee of the Comm
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7	13	Shreyansh Shukla	476	- 11 -	9763346260	A THE
•	77	FOTTVI & Junghame	عهد	- / / -	9823113452	4
	25	Aditi gamnekan	34	- 11 -	3421005243	13
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EMERGENCY SOLAR LIGHT AND ROBOTICS

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List of Registered Students

			List of Registered Students		
SZ	Sr. Student Name No.	Class	School/College Name	Contact No.	Sign
3	11 prizesh Bonde	3#	pragatise chool Rahatagaan	9552007138	ED 124
43	32 Raj S. Tayde	40	しいし		4
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EMERGENCY SOLAR LIGHT AND ROBOTICS

Organized by Department of Electronics & Telecommunication Engineering

List of Registered Students

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	Sign	Jan Shirt	14. CA	(Pathogoes	Source land	Dorth							
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List of registered Students	School/ College Name	1 = 1											
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	Student Name	Ros Lame 1 kar	throcah	48 Barthmerh Dologe	Samuel Dengare								
	Sr. No.	7	#	43	<i>\</i>	18					`		

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OR EMERGENCY SOLAR LIGHT AND ROBOTICS

Organized by

Department of Electronics & Telecommunication Engineering

	-		List of Registered Students		
S. S.	Student Name	Class	School/ College Name	Contact No.	Sign
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#### P. R. Pote (Patil) Education & Welfare Trust's, Group of Institutions, College of Engineering & Management, Amravati

**Workshop Evaluation Form** 

Your feedback is critical for us to ensure we are meeting your educational needs. We would appreciate if you could take a few minutes to share your opinions with us so we can serve you better.

Workshop title: "EMERGENCY SOLAR LIGHT AND ROBOTICS"

Please return this form to the instructor or organizer at the end of the workshop. Thank you.

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2.	The workshop will help me to improve my knowledge	The second second	2	3	4 (3)	etasiani Tanggarangan Tanggarangan
3.	I will recommend this workshop to other conservators	1	2	3	4 (3)	
4.	The program was well planed within the allotted time	1	2	3	4 (3)	
5.	The instructor was a good communicator	1	2	3	4 (3)	
6.	The material was presented in an organized manner	1	2	3	4 3	
7.	How would you rate the hands on activity	1	2	3	4 🕏	
8.	I would be interested in attending a follow-up, more advanced workshop on this same subject	1	2	3	4 (5)	
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Sign. Of Teacher



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

#### **Workshop Evaluation Form**

Your feedback is critical for us to ensure we are meeting your educational needs. We would appreciate if you could take a few minutes to share your opinions with us so we can serve you better.

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Workshop title: "EMERGENCY SOLAR LIGHT AND ROBOTICS"

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4.	The program was well planed within the allotted time	1	2	3	4	5
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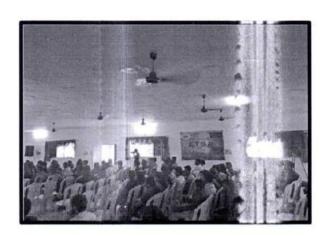
## P. R. Pote (Patil) Educational and Weifare Trust's, Group of Institutions, College of Engineering and Management, Amravati

### DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING Workshop on Quadcopter & RC plane Copter

Department of Electronics & Telecommunication Student Association (ETSA), ISTE and IETE student forum Amravati, had organized a 3 day workshop on "QUADCOPTER & RC AIRCRAFT PLANE DEVELOPMENT" from 23<sup>rd</sup> to 25<sup>th</sup> September 2017. The workshop conducted in association with MDB Electrosoft. The expert person for the workshop was Mr. Rushikesh Choudhary and Mr. Mangesh Bharti.

Later on Mr. Rushikesh Choudhary introduce all the concept and theory related to the planes. In the next session actual hands on training got start with different fabrication processes Main body fabrication, arams fabrication, motor mounting fabrication, landing gear fabrication and various setups such as ESC bank setup, Controller setup, receiver setup and other related part required for fabrication of plane.









Dr. R. D. Ghongade

H.O.D. (EXTC Dept.)
P.R.Pote (Patil) College of Engg. & Management
Amravati.

#### Workshop on RC Plane & Quadcopter

#### 13/07/2018

Sr.No.	Name of Student	Name of College	Year	Mobile Number
ι.	Jayesh K. Chavan	P. R. Patil Rollege	3rd yx.	9923750798
2-	Nishikant. J. Kale	P.R. pote College	31442	7249511692
3.	vikas B. Konge	P.R. pots college	3rd y 8	8007522101
4-	Shrutika 10. yenkar Shrveha S. Kubale		ged ye.	
9	showehas. Rubole	P.R. Pote College	3 cholya	
6.	Ydishnavi c. Bondee	PR. POTE PATIL (19 OF try)	2 nd ye	9130601195
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8.	Kuhal R. Argheich	<u> </u>	3 d yo	9623944305
3.	Saleshi A. Makde		- 2. dids	7218231863
10.	Kalyani R. Wasanker		Juch	9850791716
113	Samiksha R. Gathe	P.R. Pote agof Eng	20 As	7558231122
12	Shubham R. Hinote	Prof Ram megne CNew	138948	
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18.	PECIWAI R. Ramekus	P.R. Patil Polytechnic	3 8d y 85	9665237390
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20.	Aditya Rayt.	- ((=	-11-	90 75 433003
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			P.R.Pot	(Patil) College of Engg. & M.
				Amravati.

#### Workshop on RC Plane & Quadcopter

#### 13/07/2018

Sr.No.	Name of Student	Name of College	Year	Mobile Number	
1	surbhi Phole	P.R.Pote	2nd	9834072115	
2.	Pratiksha D. sabale	P.R. Pole	209	7743968872	1
3	Shubha s. Agmale	PRMITR	ath	7387680706	j
4	Nisha (st. Gahuge	PRMITR	4th	8808168727	
5	Sumedh S. Mule	PRMITER	JI nd	9767634429	470
6	Ashutosh Mudgal	PRMZTAR	TT	7875704934	<u>-1-</u>
7	Ryshikesh Lavhale	PRMIT &R	TIUq	8087858746	3 (
8	Shivoni Thakase	Sipha COFT, AMT	Pinol	8788226275	1
q.	Nikita Dobane			940590866	6
10.	Nikita Dhok	sipna C. O. E.T Am		8329205284	
11 ,	Amit Kanade	Sipna (COST)	Fra	8007272810	_
12	Janya Mehase	PRMCEAM .	pnel	9730025130	7
13	Revoti Junghase	PRMCEAM	2nd	9172539302	.
14	Ring P. Hadnerkan	PRMCEAM	271	9890247347	· .
15	Rucha P. Wadnerken	PRMCEAM	2 ne	9860455105	24
16	deha G. Wankhade	PRMCEAM	200	9657239078	1
17	Rewati U. Sapkal	p.R. Pote	2rd	8208888848	
18.	strutika P. Raut		380	9561331095	
19.	Vaish novi R. Gay nat	GICOE, AMT	3 rd	7058425168	
20.	Anushri J. Pati	GOE, AMT.	370	3988 60±05±	
210	Aakansha A. Baheti	GCOELAM	389	9404507797	23
22.	Divya S Jadhao	GCOE , Amt	370	8663284660	71
23.	Amento & Chaudhoe	P.R. Note Amt	300	8329889643	1
24	Bakshi U. Hande	P.R. Pote Am	370	8806830603	
25	Kamesh S. Thakane	P.R. POTE AM	300	7769074203	
26	SANDESH P. CHAUDHA		300	8390588639	
27	Radhika N. Mendhe	PR. POR AMT	3°d	8805871968	-
28	Nidhigh P. Gropta	Tomoal	724	9423276462	-
29	Sneha S. Chawar		Civel	9503637028	-1
30	Rhazti P. Gawana	PRMITER	329	8446985094 9766812117	41
31	Shreyash S. Raichand	PRIMITER	300	9 +6661211+	1
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H.O.D. (EXTC Dept.)
P.R.Pote (Patil) College of Engg. & Management
Amravati.

#### Workshop on RC Plane & Quadcopter

#### 13/07/2018

Sr.No.	Name of Student	Name of College	Year	Mobile Number	
1.	Priyanka Shawale	P.R. Pote CollegeyAmb	III. q	7058164210	
2.	Rakhi Javanjal	P.R. pote co. of en Am		9156608594	
3.	Pranita Ubhad	P.R. Pote c. ol. en Amt	This		> MDB E
	Samoudhi Harode	p.R. pote. C. of . en Ag	TIPE	9503556883	
7.	Aishwanya kokate	P.R. Pote C. of. eng. Agg	THE	SIENERIATE	
6.	EKta Bbrkar	P. P poly ant	300	9657270601	
<b>4</b> .	Sonali k. wankhade	Sipna COET Amt	Lith yea	- 9145784251	7
8.	Beauty B. Pandey	Sipha COET Amt		9131713335	mos
9.	Saloni S. Sahu	sipna coet Amp	final yr	9623868448	
10	Abhijeet J Bulghate	PRIMCE AM Budnes	3 godyeu	737850068	200
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15	Mayurei Kapese	p. R. potecig	TII rd	7263885818	MDBI
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-II	Shrutika Dhabale	P. R Pote Patil ()	TIEG	9561265383	)
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#### Workshop on RC Plane & Quadcopter

#### 13/07/2018

Sr.No.	Name of Student	Name of College	nyear ar	Mobile Number	
1.	Dima D. Kharbade	P.R. Pote (19 Am)	2018	9834406176	
2.	Avanti A. Tekadpande	P.R Pote collège	2 nd year	9545508928	/ num
3.	Valshnavi B. Dahate	Ram maghe oldufkmuth	11111	40-1201-20-7	MDB-
4	Monikas Bookute	PRMITER	IT I dys	73872 (8134	
5	Anushri N Bhojane	PRMITAR.	Migh	8405362514	
6	Mehery V Rohaneka	PRMITAR	111,942	2378460636	
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4 3	Netra V. Deshmul	PRMTTER Radneson	Final was	9175178499	SND B4
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5	Tejasovni V. Grawand	PRMITUR Badnero	-11-	8999236910	
G.	Harish R. Chavhan	teulling Bodnero	3,911	7774815578	\
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2	Raxina R. UKRY	P.R. Pofil college	Findy.	7218238874	\
3)	Robini s Naskhede	P. R. Pota college	final yz	8412063337	MDBZ
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. 5	Mangesh S. Hage		final pr	8390098519	
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- 39	Robit D. Gulactori	-100	zoely	9146675716	
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P.R. Pote (Patil) College of Engg. & Management Amravati.

#### Workshop on RC Plane & Quadcopter

#### 13/07/2018

Sr.No.	Name of Student	Name of College	Year	Mobile Number
7	Sunny D. Tawar	P.R. Pote (OE. Am+	2nd	8605839845
2	Dognan jay			
3	Dhananjay S. Katre	P.R. POTE COE Am	2nd	8007195971
3	Mandar S. Bhalerao	P.R. POLE COE AM		9834205128
= By	Gourav S. Paikrgo	P.R. POR COE AM	2nd	9130478764
95.	Amit S. Mohakar	P.R. POJE COE AM+		8975540423
6.	Umesh L. Pardeshi	P.R. Pote (OBAM)	2 nd	9545452204
7.	rogini B. Asekar	J.D. T. (. T yara)	421412	9823751826
8.	Notini V. Kale	J.D.I.E. T. Yavalmal	WHY	9158846905
9.	Vaishnavi D. Thakare	J.D. J.E.T Yavetmal	4#78.	7620257091
10.	Pollavi J. Like	J. D. I. E. Tygratma	4thyo.	7875617137
11 .	Monilea A. Vaidyu	J. D. J. B. T Yavay.	4thyr	7507218567
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#### Workshop on RC Plane & Quadcopter

#### 13/07/2018

Sr.No.	Name of Student	Name of Call		29
34	Sakshi A. Choudha	Name of College	Year	Mobile Number
35	Protitishe of Bhoyer		3rd yr	9405836854
36	shantanu a soval	PRHCEAM (3-4)	3 rdust	8975627925
87	drit Ramish Wareh	0.000	110	3776002005
32	Subadh Sissat	PRATE L.E.	3541298	7038895067
39	Piyosh S. shandae	P.R. Pete COF	2nd year	702842306
40	horsol, s. stadulode	P. P. Patri J. Polyetical	3rd yega	8208369276
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42		RRMCAM	37498	9096092974
43	1	PRMCEAM	2rd year	9834287644
44	Samikshow Malade	P. R. Pote cla, Amt	2nd yr	7218627607
-	Nakshita Kinhikaz	PRMCEAM	7 thys	7758898299
6	Chaitali Pamar	PRMCEAM	2-4113	3308335842
7		PRMCEAM	BY HA	1028093638
8	1004 0-7	The state of the s	2017	7709021248
-	Akshay S. Thakore prouff A. Schone.	P. R. pote college	and 4	86050000 II
0	Shreerung s. Deshmukh	P. R. pote conege.	210 90	98817-90419
-	Vaibhar G. Dange	PRMIT 2R	3.00 1	1923 979220
2	Nayan G. Dawande	PRMITER	30012	9922143680
3			3, July 1	155830 7203
4	^	P.R. Pasi	Final 8	3888078843
5	Akash Raut Roja dhulo	P.R. Palil	And 7	507437538
6	the state of the s	p.R. Patil	-11- 3	7756873743
7	mamta chopde			1049587789
8	PEajakta tukbade		-11-9	975468581
_	fratiksha S. Dahake Rinkal P. Chandanshi	GIH Raisoni	300/709	6040869767
	Rinkal P. Chandanskil Shubhangi P Chinche	G.M. Raisoni	32d Yz	9527973202
1	Nikita N. Gulhane	G. H. Raisoni	3 4 47 -	1745829970 }
2	Amouta M. Nyaykhor	G. H. Raisoni	31447	109634134]
3 8	Postka s. Jagtap	P. R. Pote. Amt	30000 7	169072116 7
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P.R.Pote (Patil) College of Engg. & Management
Amravati

#### Workshop on RC Plane & Quadcopter

#### 13/07/2018

Sr.No.	Name of Student	Name of College	Year	Mobile Number
1.	Aishwatya R. Mahajan	PRM CEAM, Badnera	2nd year	8888269697
2.	Anujo D. Torale	P. R. Pote (Patil) culley	-00	0-4-1-1
3.	Mansi D. Sanghani	P.R.Pote (BHI) Yolkop &M	and year	1972794228
-0:-	Aditya. M. Baix	PRM(EAM, Badniller	2nd year	8378804194 MD
5.	Horist A Shajaka	I PRMCEAM, Bad	2 no way	7275910019 3
6.	Ankita P Holley	PRINCAM BOOK	2 Tye.	9766843896
7.	Voushanavi Boewae	PRMCEAM. Bad.	2746.	7507130320 -
8	Pooja D. Yawale	PRMCEAM Badness	3 Rg JR	98606323137
9.	Nikita K. Groys	PRMCE AM BODING		
10.	Namo Kodonaskar	PRIOCEAM, Badness	300 Hex	8888023071
	Samiksha D. Duryodhan		2 not year	9284347552
12	Projud. A. Shokoka		2nd yen	7472093463
13	Gaurar A. Kadar	PRIVICEAM Budney	2nd /2	7378971005
14	Dustant-V. Girde.	PRINCEPHA Pote.	god re	7798555290
15.	AKaso. V. Kaldak	Pote.	320 xx	PEFESSONOP
16.	Rupesh. V. adade.		2001 LD.	444899553 WDI
17.	Ku. Himanshu. S. Hmale	P. R Pote (Patil) college	3rdyr	7030882340 16
-6.	sonall .O. Kalors Kar	-11 -	3,1942	96235619826
19.			2 md yr	7620988956
20	Ku. Pooja V. Kazaze.	P.R. Pote college	300 yo.	7249250747
21	ku. Akanksha A. Shrisat	P. R. Pola IPAHITCOllege	3rd yr.	9665817047
20	KU. Moniko N. Ghatol	P-R. Pote (Pati) college	3rdy0	7020938136 . LMD
23	Kn. Junea + 3 (3. 3. 12) 6630	P.R. Poste(Paris) (lg)	Bedye.	784 1892289
24	Ky. Rajashei s Thakare	P.R. Pote (Patil) cla	380/18	7249916889
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P.R. Pote (Patil) College of Engg. & Management
Amravati.

#### Workshop on RC Plane & Quadcopter

#### 13/07/2018

1 234.	Shweta Mohan Anasane Rupali Vitthul Mozke chanchal Ashok Dahate	PR POTE COLD Amt	Year 2018	Mobile Number
3 4 5.	chanchal Ashok Dahata	PP Cala Cal Amil		9518724368
5.	chanchal Ashok Mahata	I DEPORT CUT- MINI	ond	9130085165
5.		G.H. Paisoni Ami	349	7875892863
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7.	Vaishnovi A Joswanta	S. POO COEL AMI	44	9922857840
8.	Vaishnavi M. Ingle	SIRNO COFT. And	4th	9922714123
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10'	Subodh A Hingare	P. R Pote college And	274	7030603459
11	Adaysh A Rowenton	P. R pote collage	2nd	9112102376
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14	Prisad S. Bundala	-11-	2nd	7109437460
15	AKShay. a. natwa	-11	and	0145711073
16	Rushikesh N. Koule	-11	-11-	9665V67557.
1_	Ruchika D. Wankhade	G-CE Amravati	2 nd	9284254526
8	Smik Roshni	GCDEA	200	7,4726,67,50E
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2	Shraddhar Tambakhe	J.DIET, YOUGH	1 4th	7773956171
3	Tina & Balke	IDIET, Yavalmal	um	
24	Shamli G. Kadukaz	JDIET, Yavahmal	4th	7350393622
5	Pranoti R Rayhorde	JOJET, Yaxetmal	1 44	1330313622
26	Chartall S. Kady	P. R. Patil college	41	9683 (880) 7767061880
27	Shivari p. Bhende	P.R. Pote college	4th	7066224932
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#### Speech & Android Phone Operated Robot

#### 13<sup>th</sup> July 2018

#### Registration

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S.O.D. (EXTC Dept.)
SR.Pote (Patil) College of Engg. & Management
Amravati.

#### Speech & Android Phone Operated Robot

#### 13<sup>th</sup> July 2018

#### Registration

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Sr.No.	Name of Student	Mana at a M	· 	<del></del>
1_	Sunny D. Tawar	Name of College	Year	Mobile Number
	Dunanan jay	P.R. Pote COE. Amt	2nd	860583984
<u> 3</u>	Dhananjay S. Katre	8000	<u> </u>	
<u> 3</u>	Mandar S. Bhalergo	POPE COE Amt	2nd	800719597
<b>_</b> \$\	Gauray S. Paikrgo	K. POLE COE Amt	2nd	9834205128
_ S.	Amit S. Mohakar	P.R. POR (DE Am)	Sug	913047876
6.	Umesh L. Paradeshi	P.R. POLE COE Am+	2nd	8975540423
7.	yogini B. Asekar		znd	954545220
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#### Speech & Android Phone Operated Robot

13<sup>th</sup> July 2018

#### Registration

Sr.No.	Name of Student	Name of College	Year	Mobile Number
→ .	Priyanka Macmile			7058 (64210
2.	Rakhi Tavanjal	P.R. Pote co. den am	إعددك	3156608594
3.	Pranita Ubhad	p.R. poje col. eng Am	The	
4.	Samoudhi Harode	p.R. pote. C. of . eng An	-717 rd	
5.	Aishwanya kokate	P.R. Pole C. of eng Any	TIPER	प्राध्यक्षाया ।
6.	Ekta Berkar	P. P. poly ant	<b>3572</b>	9657270601
4.	Sonali k. wankhade	Sipna COET Amt		- 91457847517
<u> 8</u> :_	Beauty B. Pandey	Sipha COET Amt	finalyea	9131713335
9	Saloni S. Sahu	sippo coet Amp	and you	9623868448 MDB
10	Abhijeet J Butghate	PRMC#HM Kadnes	19 34 Oyea	[737850068& 5 3
	Roshan P Bhalepa	_ <del></del>	I Buch Head	9075 9-75814
15	Munali D. Mohod	P.R. Pote college	II not	77-700-1418 g
13	Samiksho u Sabile	P.R. pore city	III.ca	7709127158(7030010836)
14	Shivani Khargakas	p. R. pote ag	-Thad	848383008
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17	Shrutika Dhabale	P. R Pote Patil ()	<u>III.eq</u>	9561265383
18.	Amreita Dhande	PRMCEAM Badnesa	TILAN	7030754145
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	·		<u></u>	(EXTC Lean)
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#### Speech & Android Phone Operated Robot

#### 13<sup>th</sup> July 2018

#### Registration

: Г	Sr.No.	Name of Student	Name of College	, navear	Mobile Number	, <i>i</i>
	<u> </u>	Dima D. Kharbade	p. R. Pote ug Ami	2018	<u> 9834406176</u>	)  •
  -		Avanti A. Tekadpande	P.R Pote college	2 nd year	9545508928	MpB-42
ľ	3.	Valshnavi B. Dahate	Ram maghe oldutainint	JII ES	75872(0134	בו פעויו
-	4	Monika S. Bookute	PRMITER	III. 12		j \
<b>^</b>	5	Anyshri N. Bhojane	PRMIT&R	TII 29 X	8408962574	
•	6	Mehera V. Rohaneka	PRMITAR	MALLIA	9890948588	
[			PROEM Badnera	Dodlye	9552675138	7 3
7	<u></u>	Pooja U Jamaapure		Can Dupa	8446027667	1,1
8	2_	Nayaniv Deshmukt			9175178499	17.
d	_3_	Nedra V. Deshmuk	PRMTTSR Radnes	firel de	1038044541	YMDB44
[0]	4_	progatic punse	PRINTTUR BADNETS		8999236310	]
1	5	Tejasovini V. Gawand	printing Bodnero	Brdyr	7774815578	),
2	C. 1>	Harish R. Chavhan	P.R. Patil Comm		8308531780	<b>⊉</b> }
3	<del></del>	<del>                                      </del>	P.R. Potil college	7770171		
4	$\frac{2}{2}$	Robini & Waskhede	<del>                                     </del>	final Y	841206339	MDB22
6	3	Ankit S-Thatale		tion 2	739194624	4 1
o T	5)	Mangesh S. Hage	11	final p	8390038619	<del> </del> /
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3	1	Bak Shi. S. Tiduke	Dr. 7. D. Girls. Poly		1	
34	25	Atshay P. warkhade	P. R. Pote college of the	The Final	9028676043	a / '1
3	<u> 3)</u>	Shubham W. Knodke		Fival	779876 778	<u>o</u> / '
.6	1 4	Paidam M. Thakare		Pinal	869888686	<u> </u>
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P.R. Pote (Patil) College of Engg. & Management
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#### Speech & Android Phone Operated Robot

#### 13<sup>th</sup> July 2018

#### Registration

Sr.No.	Name of Student	Name of College	Year	Mobile Number	]
1	surbhi Dhole	P.R.Pote	200	9834072115	1
12.	Pratiksha D. sabale	P.R. Pole	204	7743968872	1 1
3	Shubha s. Aamale	PRMITR	ath	7381680706	
4	Nisha (st. (sthuge	PRMITE	4 th	8808168727	1 /
2	Symedy S. Mule	PROTTER	11- nd	9767634429	43
6	Ashutosh Mudgal	PRMZTLR	TT	7875704934	ן רדין
7	Rushikesh lavhale	PRMITER	TI Ne	\$087858746	51
8_	6hivohi Thakase	Sipma COET, AMT	Anol	X78822627T	1
<u>q.</u>	Nikita Dohane	Signa COET AMI		940590866	e
10.	Nikita Dhok	SIPOU C. O. C.T AM		8329205284	
11.	Amit Kanade	Steng (COST)	Final	8007272810	<b> </b>
12	danya Mehano	PRMCEAM .	nel	9730025130	<b>├</b> ─
13	Revolti Junghase	PRMCFAM	2nd	9172539302	
14-	Ring P. Hadnerkar	PRINCERM	271	989024734	'. I
15	Rucha P Madnerker	PRMCEAM	2. <sup>nel</sup>	3860455105	34
16	Neho G Hankhade		200	9657239078	17'
17	Rewati II. Sapkal	p.R. Pote	2 rd	8208883848	
18.		- 1	ু স্ব	9561331095	4-7
19.	Vaish navi R Gray nav	G(OE, AM)	3 rd	7038425168	
20.	Anushm J. Pati	GOEIAMT.	grd	7507098868	- /
210	Aakansha A Baheri	FWB 1300E	g.ed	9404501797	o'z
22.	Divya S Judhao	GCOE , AMT	उन्तं∙	8663284660	<u>~</u> 5
13.	Amerita & Chaudhos	P. R. Mote Amy	300	8329889643	ļ t
24.	Bakshi U. Hande 1	P.R. Pote Amt	<u> 22 aj</u>	8806830603	1
25	Kamesh S. Thakane	P.R. POTE AM)	500	7769074203	- (
26	SANDESH P. CHAUDHAR		300	<u>839</u> 0588639	1
27	Radhika N. Mendhe	P.R. POR AM+	3°0	<u>8805871968</u>	کمی
28	. Nichigh . P. Cripta	Tomoge	<del>7</del> 화	9423276462	-7
29	Snehoi S. Chawan	PRMITER	Pinel	95036376	
30	Bhasti P. Gawand		300	8446985094	41
.31	Shreyash S. Raichand	PRMITEUR	3ru	1 100012111	7
52	-	PRMITTER	300	8378910529	
- 33	Amaia f. Tanpurre.	PRMITER	339	7083300641	
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P.R.Pote (Patil) College of Engg. & Management
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#### Speech & Android Phone Operated Robot

13<sup>th</sup> July 2018

#### Registration

Sr.No.	Name of Student	Name of College	Year	Mobile Number	
Į,	Jayesh K. Chavan	P. R. Patil Rollege	3 <sup>rd</sup> 4x	992375079	}
2-	Nishikant. J. Kale	P. R. pote college	34472		
ვ.	vikas B. Konge	P.R. potz college	37d yE		
4-			869 ग्र	8624811.87 9158330421	MARITO
5.	Shoutika le yentas Shrvena S. Kubale	P.R. Pote college			1 1000-20
6	raishnavi c. Bondee	PRIPOH PATIL CLANF FOU	20d 72	9130601195	
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′ጉ ·	Chefan R Awanton		200 Ax	3561945055	
8	Kuhal R. Arghade	<u> </u>	Brd you	9623944305	.00.10
9.	Saleshi A. Makde		-21d/7	7218231863	M78 12
10.	Kalyani R. Wasanker	u		9850791716	
110	Samikeho R. Gathe	P.R. Pote agar Frag	22 Ap-	7558231122	
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## Speech & Android Phone Operated Robot

13<sup>th</sup> July 2018

## Registration

	Name of Student	Name of College	Year	Mobile Number
Sr.No.	<del></del>	<u> </u>	2018	9518724368
1_1_	Shureta Mohan Anasane	PRPOTE COE AMT	ond	9 13 00 85 165
_2_			340	7875892863
3	chanchal Ashok Dahak	PRACEAM Badnad	4+2	8766781316 MDB
4.	Laxmi Anilrao Mude	T	4+10	9075516546 2-7
5.	Ank9ta UmeshrooGawan		71p	8459589205 896
<u></u>	Soushti Vishinghale		4.11	9922857840
7 -	Vaishnovi A. Jaswant	signa COET, Amt	415	9922714123
8.	Vaishnavi M. Ingle	p.R. Pote college Amt	200	955255 7926
9.	Streyast P. Pathe	<del>                                  </del>	2nd	7030603459
101	Suboch A. Hinyana	+ -t - t - t - t - t - t - t - t - t - t	1	9112102376
	Adaysh A Rowant	P. R. pote collage	200	862383838
12	Manish J. Ban		200	9834107883
13	Surai on Mahalk	<u> </u>	and	7109437460 MDB
	Reason S. Burdele		and	@145711073 24
12	AKShay. a. Notwar	0		2665167557.05
16	Trushikesh N. Kale	- <u>II</u>	and	9284 254526
17	Ruchika D. Wankhad		219	90759.95745
18	Smik Roshni	1 GCOEA	770	ER3085498
19	Mahima Mubez		200	7030237210
20	GARITA G. BIJAWE	GCOEA	2 nd	9834495366
21	Toupti k yenpreddim		1-	7778956171
22	Chroadhard Tombakh	e JOIET, Yavata	UM.	
23	Tina G. Balke	JDIET, Yavahmal	4 Hh	7350393622 MDB
. 24	Shamli G. Kadukat	<del></del>	n 445	9683 (8869) 20
25	Pranati R Rayborte	P. R. Patil College	41/1/	7767061880 21
26	Chattall S. Kasir	<del></del>		7066224932
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#### Speech & Android Phone Operated Robot

#### 13<sup>th</sup> July 2018

#### Registration

Anuja D. Tarale P. R. Pake (Pahl) culture 2nd year 92848269697  9. Anuja D. Tarale P. R. Pake (Pahl) culture 2nd year 9284181464  3. Manki D. Sanghami PRPOKE (Bhl) culture 2nd year 1932-19424  14. Adilya M. Bayl PRMCEAM, Badrillia 2nd year 1932-19424  15. From the A. Shainkan PRMCEAM, Badrillia 2nd year 1932-19424  16. Ankita P. Holey PRMCEAM Bad 2nd 9966848830  7. Valsharavi Boesase PRMCEAM Badrow 2nd year 9866432313  8. Pooja D. Yawale PRMCEAM Badrow 2nd year 9866432313  9. Nikita K. Groun PRMCEAM Badrow 2nd year 9866432313  10. Naiva K. Sacoostar PRMCEAM Badrow 2nd year 4887803071  11. Samksha D. Duriudham PRPOTO PAHLI Allers 2nd year 1928 434 1652  12. Arasha A. Shoroso PRMCEAM Badrow 2nd year 7972 09 3469  13. Jawara A. Kadav PRINCEAM Badrow 2nd year 1928 434 1652  14. Dursoon A. Cantale PRINCEAM Badrow 2nd year 1928 134 1652  15. Akasha V. Valdale Pote 1944 Am Dadrom 2nd year 1972 09 3469  15. Akasha V. Valdale Pote 2nd Badrow 2nd year 1972 09 3469  15. Akasha V. Valdale Pote 2nd Badrow 2nd year 193882340  16. Rugesh V. Cantale PR. Pote (Pathl) colleg 2nd yr 1030882340  17. Ku Himanshu S. Umale PR. Pote (Pathl) colleg 3nd yr 1030882340  18. Sanali D. Kalasi Kar 1000 Amt 2nd yr 1030882340  19. Ku Kranti P. Thakare Gout Poly Amt 2nd yr 1020882360  20. Ku Manksha A. Shrisat P. R. Pole (Pathl) colleg 3nd yr 1020948136  21. Ku Manksha A. Shrisat P. R. Pole (Pathl) colleg 3nd yr 1020948136  22. Ku Manksha A. Shrisat P. R. Pole (Pathl) colleg 3nd yr 1020948136  23. Ku Manksha S. Shakat P. R. Bate (Pathl) colleg 3nd yr 1020948136  24. Ku Ratashti S. Thakat P. R. Bate (Pathl) colleg 3nd yr 1240216880  25. Praiwal M. Bansad Silna Co. FT 2nd yr 1915849129  26. Sumit O. Thotange Silna Co. FT 2nd yr 191584919  27. Ram W. Nilvan S. Pone Co. Pone 1000 1000 1000 1000 1000 1000 1000 10	Sr.No.	Name of Student	Name of College	Year	Mobile Number	
2. Anuja D. Tarale P. R. Pote (Pati) culter 2nd year 9284181464  2. Marki D. Sargham PRPOKE (Bati) culter to order 1972731228  M. Adiha M. Ball PRMCEAM, Badrillo 1940 1377894124  G. Arkita P. Holley PRMCEAM, Bad 2nd 197310D19  G. Arkita P. Holley PRMCEAM, Bad 2nd 195310D19  7. Valsharavi Besuat PRMCEAM Bad 2nd 1501130320  8. Pooja D. Yawale PRMCEAM Bad 2nd 1501130320  9. NIKIta K. Group PRMCEAM Badron 3rd ye 3657639470  10. Naura K. Group PRMCEAM Badron 3rd ye 3657639470  11. Samiksha Duryahan PRPOTE (Pati) Ottog 2nd year 7284341652  12. Parafirot A. Sharara PRMCEAM Badron 2nd year 729833071  13. Gaurav A. Isadav PRMCEAM Badron 2nd year 7272033463  13. Gaurav A. Isadav PRMCEAM Badron 2nd year 7272033463  14. Dustan V. Colour Protection Badron 2nd year 73789710057  15. Akasa V. Valdare Protection Badron 2nd year 74785557290  16. Rupesh V. Calade Protection Badron 2nd year 74785557290  16. Rupesh V. Calade Protection Badron 2nd year 74785557290  17. Ku. Himonshu S. Marke P. R. Pote (Patil) College 2nd year 74986406013  18. Sanal D. Kalak Kar 11 900 Amt 2nd yr 1623669826  19. Ku. Kanti P. Thakare Grout Poly Amt 2nd yr 1623669826  20. Ku. Pooja V. Kanare P. R. Pote (Patil) College 3nd yr 162958875  21. Ku. Manksha A. Shrisat P. R. Pote (Patil) College 3nd yr 162958875  22. Ku. Manksha A. Shrisat P. R. Pote (Patil) College 3nd yr 1749250147  23. Ku. Manksha A. Shrisat P. R. Pote (Patil) College 3nd yr 174926889  24. Ku. Manksha A. Shrisat P. R. Pote (Patil) College 3nd yr 174926889  25. Prailual M. Bansad Siling Co. Ett. 2nd yr 174926889  25. Prailual M. Bansad Siling Co. Ett. 2nd yr 174926889  26. Sundit U. Thotange 61809 Co. Ett. 2nd yr 19075844129  27. Ram W. NIVANY 9. Pote 1907 1907 1907 19075844129  28. Anijali M. Miore 9. Sinna Co. Ett. 2nd yr 19075844129  28. Anijali M. Miore 9. Sinna Co. Ett. 2nd yr 19075844129  28. Anijali M. Miore 9. Sinna Co. Ett. 2nd yr 19075844129  29. Anijali M. Miore 9. Sinna Co. Ett. 2nd yr 19075844129				2nd year	8888269697	Ì
2. March D. Sarghami P.R. Poke (Ball Yolko F.M. 1942) 1942 1942 1942 1942 1942 1942 1942 1942	<del></del> -			2110	9284181464	1
5. Horish A Shaickon PRMCEAM Bod 2000 7275910010 6. Ankita P. Holey PRMCEAM Bod 27/40 9166848890 7. Valsharavi Boewas PRMCEAM Bod 27/40 1501130320 8. Pooja D. Yawale PRMCEAM Bodness 380/49 9860432313 9. Nikita K. Grout PRMCEAM Bodness 380/49 9860432313 10. Naira K. Grout PRMCEAM Bodness 380/49 9860432313 11. Samiksha D. Durydhan PRPOTO PAH I dictor 280/40 4888703201) 11. Samiksha D. Durydhan PRPOTO PAH I dictor 280/40 4888703201) 12. Poolival A. Shorkon PRMCEAM Bodness 280/40 7977093463 13. Caurav A. Icadav PRMCEAM Bodness 280/40 7977093463 14. Dustor N. Grade PRMCEAM Bodness 280/40 7977093463 15. Akasar V. Valdake Pote. 380/40 9016573790 16. Rupesh V. Cacade Pote. 380/40 9016573790 17. Ku. Himanshu S. Male P. R. Pote (Patil) college 380/40 962356882340 18. Sonal D. Kalake Ray — // 20. Ku. Pooja V. Kasane P. R. Pote (Patil) college 380/40 7020938136 20. Ku. Moniko N. Ghotol P. R. Pote (Patil) college 380/40 7020938136 20. Ku. Rajashei S. Takake P. R. Ate (Patil) college 380/40 7020938136 21. Ku. Rajashei S. Takake P. R. Ate (Patil) college 380/40 7020938136 22. Ku. Rajashei S. Takake P. R. Ate (Patil) college 380/40 7020938136 23. Ku. Rajashei S. Takake P. R. Ate (Patil) college 380/40 7020938136 24. Ku. Rajashei S. Takake P. R. Ate (Patil) college 380/40 7020938136 25. Prajual M. Bansad Sipna COET 280/40 704018889 26. Sumit O. Thotange Sipna COET 280/40 70401889 27. Ram W. NIVAM G. Gran COET 280/40 70401890 28. Anjali M. More Gipna COET 280/40 70401890 28. Anjali M. More Gipna COET 280/40 7040880055474			DDPAG(QL) Yolkoo EM.	ond year	4972794228	1
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# P. R. Pote (Patil) Educational and Welfare Trust's, Group of Institutions, College of Engineering and Management, Amravati

#### **DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING**

STTP on Raspberry Pi 3 & IoT (for faculty)

Workshop Convener: - Prof. R. D. Ghongade (HOD EXTC Dept.)

#### About Workshop

The workshop on Introduction and Hands-On Training on Raspberry Pi 3 & IoTwas held at EXTC Department, PRPCEM Amravation 8th & 9th November, 2017. To promote innovation and to provide knowledge about new technology, for a faculties, where they can develop products and test new ideas, Department of Electronics & Telecommunication Engineering regularly organizes workshops and seminars to upgrade knowledge and build advanced skills among the faculties of Engineering.

The outcome of this 2 days' workshop:

- 1. Participants will gain valuable insights into IoT.
- 2. Participants will learn the basic usage of Arduino and Raspberry Pi environment for creating basic projects at low cost.
- 3. The participants learn to create end to end IoT Device solution.
- 4. They will understand and perform hands on experiments on the GPIO pins (general purpose I/O) and also learn about interfacing with sensor





Dr. R. D. Ghongade

HOD, EXTC
H.O.D. (EXTC Dept.)
r.R.Pote (Patil) College of Engg. & Managem
Amravati.

# P R Pote Patil College of Engg and Management, Amravati Department of MCA

## Guest Lecture on SOFT SKILLS AN D PRELACEMENT PREPARATION



Guest lecture on Soft skill and Placement preparation was arrange for the students on 18/6/2018 at 11.30 in the seminar hall.

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#### P R Pote Patil College of Engg and Management, Amravati Department of MCA

#### SOFT SKILLS AND PRE PLACEMENT PREPARATION

Attendance Sheet FYMCA- 1 Dtd: 18/6/2018 Session 17-18

Sr No	Name of Students	Signature
1	Akshay Gangadhar Devraye	Abruy.
2	Ankit Ravindra Rajvaidya	Ankit Rusvald
3	Arati Mahadevrao Mahore	
4	Ashwini Rajendra Yeokar	Ashun Reve
5	Gangaprasad S Patange	G-5 Patting &
6	Harshana Sanjayrao Bendle	
7	Kirti S.Chhangani	compe,
8	Mangesh D Khandare	
9	Mohsin Khan Pathan	Micus
10	Namrata Jaybharat Khawale	
11	Pallavi Madhukar Patre	Pallari Patre
12	Payal Suresh Rewatakar	1 110
13	Pooja Murlidhar Bhakare	Romies B
14	Prafull Ashokrao Yawale	4-01
15	Pratik Sanjayrao Wasu	Poolice Wook
16	Priya Ashokrao Gulhane	
17	Roshani Nandkishor Malik	R Malik
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## P R Pote Patil College of Engg and Management, Amravati Department of MCA

## Guest Lectue on SOFT SKILLS AND PRE PLACEMENT PREPARATION

Attendance Sheet SYMCA -1 Dtd: 18/6/2018 Session 17-18

Sr No	Name of Students	Signature
1	Aishwarya Vijay Puri	Asstraya
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3	Akshaykumar N. Telang	July 8
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#### P. R. Pote (Patil) Education & Welfare Trust's, Group of Institutions, College of Engineering & Manag ment, **Amravati**

Department of Electrical Engineering



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

Management, Amravati

Workshop

On

"Introduction of MATLAB Simulink used for **Electrical Engineering**"

MATLAB\*



Organized by Department of Electrical Engineering

Conducted by

Prof. P.M.Mankar

Prof.N.N.Sawade

#### Two Days Workshop

#### On

## "Introduction of MATLAB Simulink used for Electrical Engineeing"

Two days workshop on "Introduction of MATLAB Simulink used for Electrical Engineeing" was conducted by Prof. P.M. Mankar and Prof. N.N. Sawade on 11<sup>th</sup> and 12<sup>th</sup> March 2018. A hand on training was conducted at departmental computer centre.

The workshop was arranged with a moto to

- Provide practical applications of real-world problems using MATLAB.
- Include a suite of practical examples and exercises that help students link the theoretical, the analytical and the computational method. These include a robust set of real-world exercises.
- The main goal of simulink model preparation is to ensure that the model is real-time capable.
- The MathWorks Simulink provides a modelbased design environment for the development of executable specs of dynamic systems.
- In particular, Students will acquire the ability to use MATLAB with effectiveness and efficiency.
- Last but not least this workshop is explicitly intended to teach the students how to
  design electrical model in simulink and acquire result graphically which will be
  beneficial for their graduation, post graduation as well as future research studies.

## **Workshop Details**

1.	Title of the Training Programme	"Introduction of MATLAB Simulink used for Electrical Engineering"
2.	Broad Area of Training	Designing of electrical model in MATLAB Simulink
3.	Objectives of Training Program	Introduction of MATLAB and its application to different electrical circuit. Implementation of MATLAB Electrical Power System Tool.     Hands on training of practical simulink model of electrical circuitthrough labpractice module.
4.	Outcomes expected from the Program	<ol> <li>Students will be benefitted in terms of learning to develop the simulation model through MATLAB.</li> <li>Students will get exposure to developing the idea of designing the circuit.</li> <li>Students will be able to compare the effectiveness of MATLAB simulation results with hardware results.</li> </ol>
5.	Relevance	The objectives and the outcomes are beneficial to the students since the students have regular practice of developing electrical circuits in their practical session.

H.O.D. (Elect. Dept.)
P.R.Pote (Patil) College of Engg. & Management
Amravati.

Session: 2017-18

#### "Introduction of MATLAB Simulink used for Electrical Engineeing"

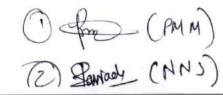
Workshop Attendance

Date: 11/04/18

Batch : 15 (563)

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Session: 2017-18

#### "Introduction of MATLAB Simulink used for Electrical Engineeing"

#### Workshop Attendance

Date: 12/04/18

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Session: 2017-18

#### "Introduction of MATLAB Simulink used for Electrical Engineeing"

Workshop Attendance

Date: 12/04/18

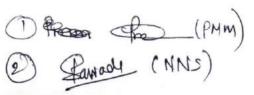
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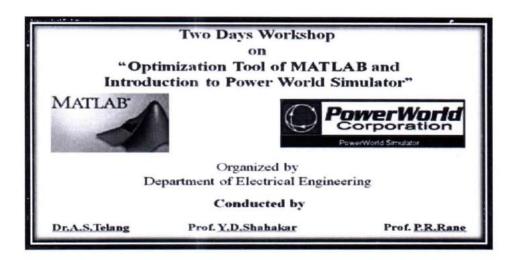






#### P. R. Pote (Patil) Education & Welfare Trust's, Group of Institutions, College of Engineering & Management, Amravati

Department of Electrical Engineering



#### Two Days Workshop

On

# "Optimization Tool of MATLAB and Introduction to Power World Simulator"

Two days workshop on "Optimization Tool of MATLAB and Introduction to Power World Simulator" was conducted by Dr. A.S. Telang, Prof. Y.D. Shahakar and Prof. P.R. Rane on 24<sup>th</sup> and 25<sup>th</sup> March 2018. A hand on training was conducted at departmental computer centre.

The Workshop was arranged with a moto to

- Provide practical applications of real-world problems using MATLAB.
- Include a suite of practi al examples and exercises that help students link the theoretical, the analytical and the computational method. These include a robust set of real-world exercises.
- Provide supporting MATLAB codes that offer the opportunity to apply optimization at all levels, from students' term projects to industry applications.

- Provide a novel pedagogical approach to the teaching of optimization as well as preliminary introduction to Power World Simulator.
- Provide all electrical students with a unique combination of desirable attributes as

Optimization tool of MATLAB and Power World Simulator.

- In particular, Students will acquire the ability to use MATLAB with effectiveness and efficiency.
- Last but not least this workshop is explicitly intended to teach the students how to use optimization and Power world Simulator successfully for their graduation, post graduation as well as future research studies.

## Workshop Details

1.	Title of the Training Programme	"Optimization Tool of MATLAB"	
2.	Broad Area of Training	Optimization Techniques  and  Introduction to Power World Simulator	
3.	Objectives of Training Programme	<ol> <li>Introduction of MATLAB and its application to different optimization techniques.</li> <li>Implementation of MATLAB Optimization Tool.</li> <li>Hands on training of practical problems of optimization through labpractise module.</li> <li>Introduction to Power World Simulator software and its applicability to Power System Engineering.</li> </ol>	
4.	Outcomes expected from the Programme	<ol> <li>Students will be benefitted in terms of learning optimization techniques through MATLAB optimization tool.</li> <li>Students will get exposure to Classical optimization techniques and their implementation with advanced optimization techniques.</li> <li>Students will be able to compare the effectiveness of MATLAB optimization tool with classical optimization techniques.</li> <li>Students will get awareness about user friendly software- POWER WORLD SIMULATOR</li> </ol>	
5.	Relevance	The objectives and the outcomes are beneficial to the students since the students have regular subject title "Optimization Technique" in the SGBAU curriculum.	

H.O.D. (Elect. Dept.)
P.R. Pote (Patil) College of Engg. & Management
Amravati.

## Glimpse of Theory Session

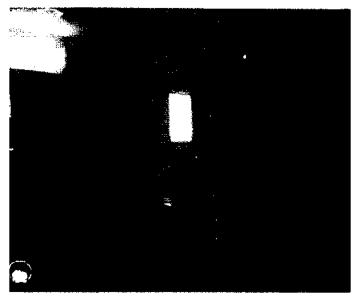


Fig 1: Introductory Session 1



Fig 2: Session on Introduction to linear programmin

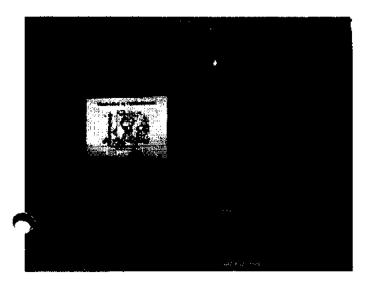


Fig 3: Session on Optimization

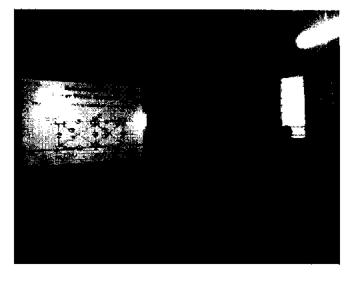


Fig 4: Session on Power World Simulator

## Glimpse of PracticalSession



Fig 5: Hands on Session on Optimization Tool of MATLAB and Power World Simulator

Session: 2017-18

## "Optimization Tool of MATLAB and Introduction to Power World Simulator"

# Workshop Attendance

Date: 24 & 23 Mar 18

Batch: TE-I

Sr. No.		Batch: TE-J
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Session: 2017-18

# "Optimization Tool of MATLAB and Introduction to Power World Simulator"

# Workshop Attendance

Date:

Sr. No.	Name of Student	Batch:
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Session: 2017-18

## "Optimization Tool of MATLAB and Introduction to Power World Simulator"

# Workshop Attendance

Date: 24.3.18/25-3-18

Batch: TF-M

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P. R. Pote (Patil) Education and Welfare Trust College of Engineering & Managem Department: Electrical Engir

Session: 2017-18

"Optimization Tool of MATL. Introduction to Power World Sin

Workshop Attendance

#### Date:

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Session: 2017-18

# "Optimization Tool of MATLAB and Introduction to Power World Simulator"

# Workshop Attendance

Date: 24 825 Mar 18

Sr. No.	Name of Student	Batch: TEI
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02.	Shivani Idanjawi	Ved
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04	Kamakshi V. Rajgure	Beebleck
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Session: 2017-18

## "Optimization Tool of MATLAB and Introduction to Power World Simulator"

# Workshop Attendance

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

Department of Electrical Engineering

Two Days Workshop

On

"Circuit simulation using Proteus ISIS and PCB design by ARES"

Department of Electrical Engineering of P. R. PotePatil College of Engineering and Management, Amravati had organized technical workshop on "Circuit simulation using Proteus ISIS and PCB design by ARES", conducted by Prof A.A.Ghute Assi tant Professor, Department of EE for second year relectrical students on 5<sup>th</sup> & 17<sup>th</sup> Feb 2018.

A hand on training was conducted at departmental computer centre.

The main objective of this workshop was to

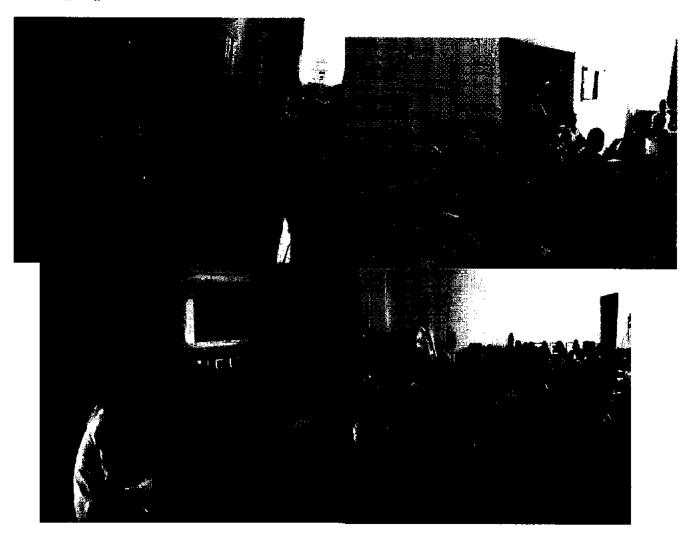
- Provide basic knowledge f electronics components,
- Designing and simulation of basic circuits using software Proteus ISIS
- Development of PCB design using ARES software.
- Provide practical applications of real-world problems using MATLAB.
- Help students link the theoretical and practical knowledge
- This knowledge will be very useful for the students for their project development

# **Workshop Details**

1.	Title of the Training Programme	"Circuit simulation using Proteus ISIS and PCB design by ARES"	
2.	Broad Area of Training	Designing of electrical Circuits      Introduction of Proteus ISIS and its application to different electrical circuit.      Introduction of and PCB design by ARES and its application to different electrical circuit.      Hands on training of practical simulation of electrical circuithrough labpractice module.	
3.	Objectives of Training Program		
4.	Outcomes expected from the Program	Students will be able to developed mini projects using Proteus software     Students will be able to design any type of circuit & simulation usingProteus ISIS and PCB design by ARES	
5.	Relevance	The objectives and the outcomes are beneficial to the students since the students have regular practice of developing electrical circuits in their practical session.	

P.R.Pote (Patil) College of Engg. & Management Armiavati.

## Photograph:



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

# PCB design workshop registration

SE-I (2017-18)

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#### Report on

ISTE Approved(Self Sponsored)Short Term Training Program (STTP)

On

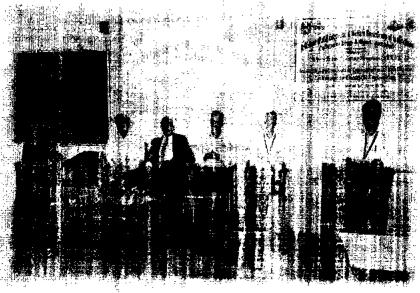
"Research Applications and Computational Intelligence Techniques in Electrical Engineering"

Date: 18th June to 23rd June

The Short Term Training Program on "Research Applications & Computational Intelligence Fechniques in Electrical Engineering" had been successfully organized by Electrical Engineering Department of P. R. Pote (Patil) Education & Welfare Trust's College of Engineering & Management, Amravata from 18<sup>th</sup> June-23<sup>rd</sup> June 2018. The self-sponsored one week course had been organized by Electrical Engineering Department. Dr.Sanjay B. Warkad and Dr.Aparna S. Telang were coordinators of the programme.

The program was designed to draw the attention of young researchers, academicians and industry Fraternity towards the latest research & development trends in the field of Electrical Engineering. Computational Intelligence Techniques is swiftly budding as a prominent research domain for realization complex problems existing in this vast area. The 6-days long program was meticulously designed to endow with a balanced exposure of the major aspects of Research Applications and Computational tools available in field of Electrical Engineering, so that participants can take advantage of available resources and can apply them into their field of research.

The course commenced with Inaugural Function on 18<sup>th</sup> June at morning with the benign presence of Chief Guest Dr. M. K. Khedkar, Ex-Vice Chancellor SGBAU, Amravati, and a Guest of Honour Dr. D. G. Wakde, Director, P. R. Pote (Patil) Education & Welfare Trust's College of Engineering& Management, Amravati, and Dr. V. N. Bapat, Adjunct Faculty, Technical advisor, P.R.P.C.E.M., Amravati, along with dignitaries on Dice including Prof. D. A. Shahakar, Head of EE department and STTP Cordinators Dr.S. B. Warkad and Dr. A. S. Telang and various participants from intra as well as inter colleges.

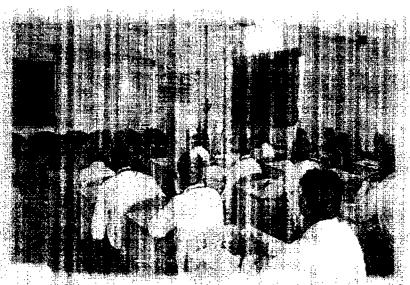


The ceremony started with a floral welcome of Chief Guest and followed by lighting the lamp and offering the flowers atOur Faith & Source of Inspiration ShriSantGajananMaharaj's feet. Later Chief Guest officially inaugurated

the Program by cutting down the ribbon.CoordinatorDr. S. B. Warkad explained the need of arranging the STTP and its features. He also discussed the 6 day Schedule of program and highlighted the important key note speakers.



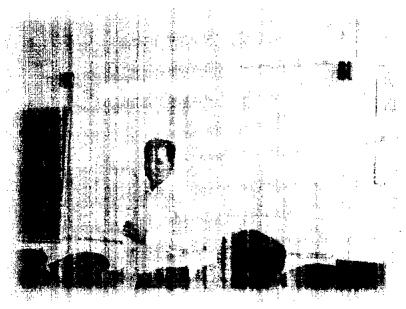
At Day 1, afternoon session started with Speaker Dr. M. K Khedkar, the chief guest, with topic "Research Orientation in Electrical Engineering". He explained the meaning of Research and why the research is necessary and how to conduct it by discussing day to day Eve examples. He also shared various possible fields of research in Electrical Engineering.



The Day 2 of STTP was started with morning session on "Overview of Electrical Drives & Control with Introduction to FACTs devices-STATCOM" by Dr. M. M. Renge, Professor, Shri. Ramdeobaba College of Engineering & Management, Nagpur. He commenced the session with introduction to basic FACTs devicesand their significance, which are available in present Electrical Engineering scenario. He started with basic Transmission line models and explained how power flow can be varied by introducing FACTs devices. He explained the role of reactive power flow in power system and highlighted the importance and role of shunt & series compensation techniques.



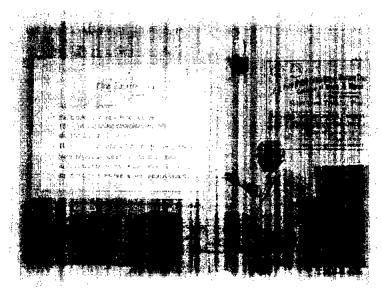
Through his presentation, he explained TSC, TCR, SVC, as an important FACTs devices available. Along with this, he put forth the comparative study and analysis of both SVC and STATCOM based on Size, response time & reactive power support. Later he explained regarding SSSC and UPFCas powerful FACTs devices in area of compensation of power flow requirement. At Afternoon session, he continued with the discussion on Vector Control along with voltage and frequency control and there applications. He also shared his views on SVPWM technique and how it can be applied in research areas. At last he presented the demonstration on how vector control implementation can be done on 3 Phase Induction Motor and showed how performance parameters like speed, torque can be improved using this approach with the help of MATLAB Software.



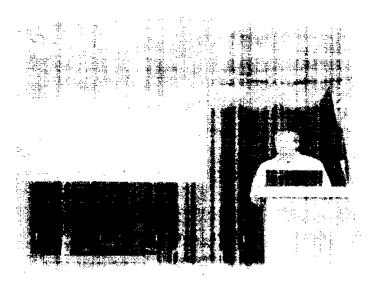
On Day 3, Dr. S. B. Warkad started the morning session with "Fuzzy Logic & ANN". He just briefly introduced basics of Neural Network and various goals of Neural Computation by correlating it with Human Brain. While explaining the definition of ANN, he also shared the various types of Neurons are there and how Neural Network Taxonomy can be applied to any problem in field of Research. Later he explained various areas where ANN can be used as a powerful tool with various existing applications. He also shared some real life applications with some general advantages and historical background of ANN. At last, he gave the Demonstration of IEEE-30 bus system where how Electricity Price Prediction can be done on 400kV MSETCL system in India.



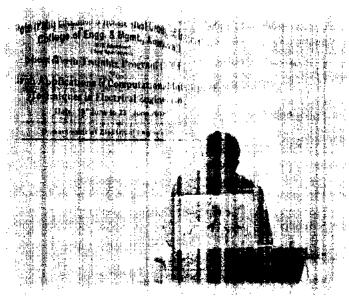
Within a short while, he also touched on today's budding area of research i.e. "Fuzzy sets theory", in which he explained how Fuzzy logic can be applied to every existing problem in engineering field. He shared what are the properties involved while forming the Membership Function (MF) and various types of MF exists. Later he explained how Fuzzy logic controller can be applied to 3 Phase Induction Motor and he presented the demonstration using this controller and he showed its effects on Motor's Performance parameters with the help of MATLAB Simulink. At last he asked the participants to explore the power of Fuzzy Tool box available in MATLAB to perform some research in this field.



On same day, Dr. V. N. Bapat, took over the afternoon session on "Applied research- A sure way to Teacher Empowerment". He explained in his humorous way how the research thinking can be developed just by finding the simple solutions to problems. Through his presentations he asked the participant's views on problems encountering during the research. He also shared his opinion how problems can be tackled if the problem on which we are going to research is fixed and properly defined. At last he promised the participants to ask for any help if they require in their area of research and requested the participants to become free enterprise not just for wealth creation but for life satisfaction.



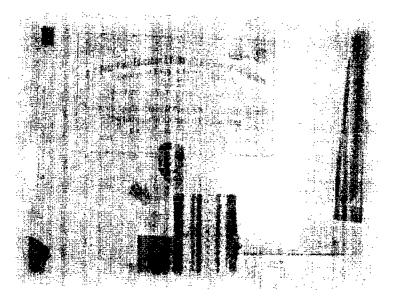
On Day 4i.e. on 21<sup>st</sup> June, Mr.TusharDhande delivered the expert talk on "Electrical Software Applications in Power System". Very first he started with IT applications in Electrical Power System, major components and requirements of Distribution system. He explained customer requirements and various supply standards and need of automation in Distribution system, he touched the vast opportunities available in Distribution automation with live projects undertaking in Metro cities like Mumbai. Later he explained how SCADA can be enhanced with concept of self-healing Grid. He presented some load flow study examples using Powerworld Simulator Software and told the significance of various buses available in Load flow Analysis. At last he had given live Demonstration on case studies like Phase Shifting Transformer alongwith Installation of Capacitor Banks which he is been presently working at work site. While aftending the participant's doubts, he asked them to work on Distribution Automation as a research area for their future study.





At afternoon sessionDr. A. B. Marathe, Principal, HVPM's. College of Engineering & Technology, Amravati, introduced "Research Methodology-TRIZ", an another way of Lateral Thinking which is basically a Theory of Inventive Problem solving, invented by Altshuller. Нę explained TRIZ(TheoriaResheneyvalsobretatelskehuhZadach, a Russian Acronym) is based on Basic Principles. He explained the brief history of TRIZ, and its Motto and various objective Laws governing this methodology. He told 8 patterns of technical system evolution with different levels of inventions involved in TRIZ and how to form TRIZ contradiction Matrix with help of 40 Principles of TRIZ. Later he explained the TRIZ method using some examples like Boeing 737 with some advanced techniques of TRIZ and he touched on S-field analysis and standard solutions governing them. At last he told participants about Tech-Optimizer Software which is based on TRIZ Methodology to solve engineering problems in Innovative way. During answering the questions raised by participants, he told them to excavate the TRIZ in their area of research and to find solutions to problems.





On Day 5, Dr. P. P. Bedekar, Professor of Electrical Department, GCOE, Chandrapur, started the morning session with "Optimization of Electrical Power Systems". Hehad explained how optimization can be applied on day to day basis and what are the available areas in field of Electrical Engineering, where optimization can be done. As he has done contributing work in optimization areas, he explained various methods and algorithms involved in this process. Through his presentation, he asked the participants to explore the vast ocean of optimization and to go for research with the help this tool.

Day 6 of STTP commencedwith 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 23<sup>rd</sup> June, in the presence of participants and distinguished faculty members of EE department. The chief guest of the function was the Chairman, ISTE, Maharashtra-Goa State, **Dr. H. Y. Mohod.** Alongwith the Chief Guest, the Guest of Flonour for the ceremony were **Dr. A. B. Mundhada**, Professor at Civil Dept., PMIETR, Badnera, **Dr. D. G. Wakde**, Director of P. R. Pote(Patil) Group of Institutions, & **Dr. S. D. Wakde**, Principal, PRPCEM, Amravati. The honourable chief guest through his inspiring words touched on Quality of Technical Education existing today and highlighted research areas available which may even solve national issues and society problems. Following this, Guest of honour explained how the spirituality can be extended and research can be carried out with rationalize thoughts. Later Dr. D. G. Wakde shared some experiences connecting spirituality and research through his motivational views. Further, participants have shared their experiences and views about the course. The certificate of participation was distributed to the Participants. The anchoring was done by Prof. Hemant S. Kulai. The course content, its delivery and other facilities were rated adequate through verbal as well as written feedback of participants. In concluding part of the ceremony, vote-of-

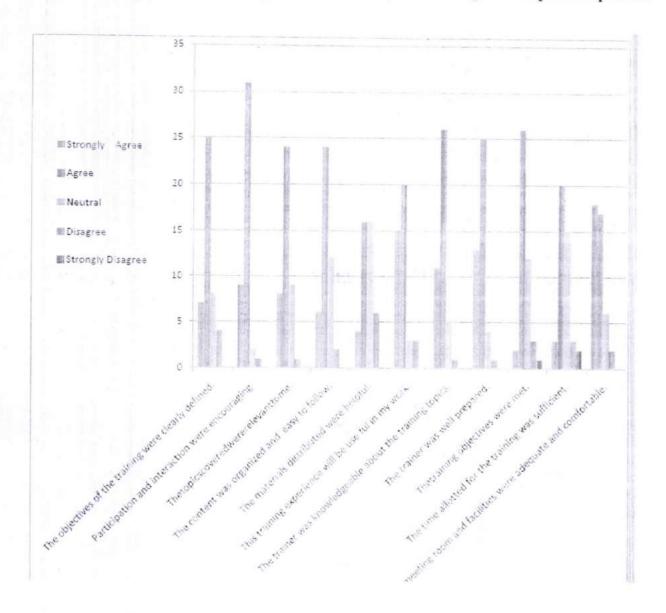
thanks was given by Prof. Hemant S. Kulatand the entire course ended in the exquisite evening of 23<sup>rd</sup>June 2018 with National Anthem followed by Hi-Tea.



#### Outcome

All the sessions were very much informative. The discussed areas are of great benefit for the participants as the topics match with the current working domain. Participants were enlightened with the most widely used advance technologies in this domain. This in turn will help in teaching & learning activity and student's success.

# Graphical representation of questionnaire (feedback) from participants:



P.R. Pote (Patil) College of Engg. & Management
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Advisor, MIL

Executive Secretary, ISTE

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

#### **Department of Mechanical Engineering**

Date: - 01-08-2017

### Report

#### 7 days Training Program on Automobile & Vehicle Dynamics

- 7 days Training Program on 'Automobile & Vehicle Dynamics (AVD)' took place at P. R. Pote (Patil) College of Engineering & Management, Amravati on July 24 – 30, 2017.
- 2. Over 200 Students from various Colleges in Amravati region,
- 3. This type of training program was held first time with joint venture of AMZ Automotive & Team Optimech Racing Dept of Mechanical Engineering, PRPCEM in Amravati region.
- 4. It will helps the students for converting their theoretical ideas into practical for upcoming Automotive Competitions like SAESUPRA, SAEBAJA, RCDC & Go- Kart.
- 5. It will build the actual practical knowledge for students by providing 4 days separate practical session in training program.
- 6. The Guest of the training program Mr.Khushal Singh, (Research Associates of AMZ Automotive), who provide grass root training to students on vehicle dynamics.







H.O.D. (Mech. Dept.)

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

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

Department of Mechanical Engineering

AICTE- ISTE Sponsored One Week Refresher/ Induction Program on 
"Basics of Technical Research Paper Writing for Indexed Journals"

18<sup>th</sup> to 23<sup>rd</sup> June 2018

# List of Resource Persons Invited

Sr. No.	I Nomeo	Tpoic	Contact Number & Email ID	Address		
<u> </u> <b>↑</b> 1	Dr. M. G. Chandekar	inaugural speech	0721-2662373	Vice- Chancellor, Sant Gadage Baba Amravati		
ļ			vc@sgbau.ac.in	University, Amravati, Maharashtra.		
			9421825191	Civil Engineering Department,		
2	Dr. A. I. Dhatrak	Inaugural speech	anantdhatrak@rediffmail. com	Government college of engineering, Amravati, Maharashtra.		
3	Dr. V. K. Deshpande	Research: A journey of challenges, excitement and satisfaction.	0712-2801354 vkdeshpande@phy.vnit.ac .in	Head, Applied Physics Department, VNIT, Nagpur, Maharashtra.		
4	How to conduct academic research?		94234 46018 sanjaykherde@gmail.com	Principal, Dr. Sau Kamlatai Gawai institute of engineering and technology, Darapur, Dist: Amravati, Maharashtra.		
5 Dr. M. A. Gaikwad		Role of research methodology & statistical analysis in research paper publication: A	9822722881 gaikma@rediffmail.com	Bapurao Deshmukh college of engineering, Sevagram, Wardha, Maharashtra.		

<u> </u>		Heuristic			
		approach			
6	Dr. P. R. Gandhi	Patent filling	9423722962	Ramdeo baba College of Engineering and management,	
	2777 At Gallad,	, 3.0	gandhipr@rknec.edu	Nagpur, Maharashtra.	
			9422407575	P R Pote (Patil) Group of	
7	Dr. V. N. Bapat	Applied research	vbkanhaji2015@gmail.co m	Education Institutions, Amravati, Maharashtra.	
	Prof. D. V.		9226743354	Vikramshila Polytechnic, At	
<b>^</b> 8 	Shirbhate	Virtual reality	dipakvshirbhate@gmail. com	post Darapur Tq. Daryapur Dist: Amravati, Maharashtra.	
	70 V D	Process of	9890659696	Vidya Pratishthan's, Kamalnayan Bajaj Institute of	
9	Dr. V. B. publishing paper Gawande in scholarly journals		vipingawande@gmail. com	Engineering and Technology Baramati, Dist. Pune Maharashtra.	
		Research	0721-2573027	Joint Director Technical Education, Govt. Polytechnic	
10	10 Dr. D. V. Jadhav metho		roamravati@dtemaharasht ra.gov.in	Campus, Gadge Nagar, Amravati, Maharashtra.	
	D- D C II	Writing Research Papers for	9881100789	Prof. Ram Meghe Institute of	
11	Dr. D. S. Ingole	Journals - The Reviewer's Perspective	dsingole@rediffmail.com	Technology & Research, Badnera, Maharashtra.	
	Prof. C. V.	Role of mathematical	9822229387	Shri Bapuji Agnihotri School	
12	Kothari	analysis in modern research	chandraknat.kothare@redi ffmail.com	of Technology, Nagthana Road, Sindi(Meghe) Wardha,Maharashtra 442001	

.

13	3 Dr. S. V. Bansod Paper presentation - case study		9850336126  satishbansod@rediffmail.c  om	Prof. Ram Meghe Institute of Technology & Research, Badnera, Maharashtra.		
14	Mr. Sanjay Gadekar	Art of living	9822572976	Radha Nagar, Amravati, Maharashtra.		
15	Education 4.0:		9890798181 dragmattani@gmail.com	Mechanical Engineering Department, Government college of engineering, Amravati, Maharashtra.		
56			9422917672 nwkale@mitra.ac.in	Prof. Ram Meghe Institute of Technology & Research, Badnera, Maharashtra.		
17	Data analysis tools: AHP & FAHP		9890631965 rsdalu@gmail.com	Principal, Department, Government college of engineering, Amravati, Maharashtra.		
18	Dr. S. B. Warkad Fuzzy Logic & ANN		7693896006 sbwarkad@gmail.com	P R Pote (Patil) Group of Education Institutions, Amravati, Maharashtra.		
19	9 Dr. H. Y. Mohod Valedictory speech		9423622896	Dr. Punjabrao Deshmukh Polytechnic, Amravati, Maharashtra.		

H.O.D. (Mech. Dept.)
P.R.Pote (Patil) College of Engg. & Management
Amravati.

# Hon. Pravinkumar R. Pote

Minister of State of Industries and Mining, Group of Educational Institutes, Amravati. Guardian Minister of Amravati District. Environment and Public works, President, P. R. Pote (Patil)

# Hon, Dilip Bhau Nimbhorkar

Group of Educational Institutes, Amravati. Vice - President, P. R. Pote (Patil)

# Convener encommental and a second of the second sec

Prof. Mohammad Zuhair, Vice-Principal, PRPCE&M, Amravati. Dr. D. G. Wakde, Director, PRPCE&M, Amravati. Dr. S. D. Waldle, Principal, PRPCE&M, Amravati.

# Coordinator \*\*\*\*

Mechanical Engg. Department, PRPCE&M, Amravati. Dr. P. S. Ardak

# Advisory Committee International Property of the Property of t

Dr. D.V. Jadhav, Joint Director, Technical Education, RO, Amt. Or. Anand Dhatrak, ISTE Executive Council Member. Mr. Sanjay Jadhay, MD, Jadhay Group of Industries. Or. Ashish Mahalle, Professor, GCOE, Amravati. Dr. S. K. Deshmukh, Principal COET, Akola. Dr. R.S.Dalu, Principal GCOE, Amravati.

# Organizing Committee

Prof. S. J. Deshmukh, Mech. Engg. Prof. S. S. Mendhe, Mech. Engg. Prof. R. S. Pokale, Mech. Engg. Prof. S. P. Yeole, Mech. Engg. Prof. N. P. Bhople, Civil Engg. Prof. S. G. Dalu, Mech. Engg. Prof. H. S. Kulat, Elect. Engg. Prof. P. B. Sambhare, CSE Prof. A. P. Dhande, EXTC



infrastructure and 24 hours library. Our constant endeavor is to art auditorium, well equipped laboratories, international quality P. R. Pote [Patil] Group of Educational Institutes Amravatt, is a foremost name in higher education in Maharashtra. 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 BE, ME, MBA, MCA, Polytechnic, B. Arch, B. Pharmacy, B.Sc. Agriculture, B.Ed. 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 highly believes in nurturing ethics and moral values in students. 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-ofprovide gamut of opportunities for our students to make them practical engineers, top class managers and also good citizens. About Mechanical Engineering Department

successful in previous years. Many projects are being brought on the public platforms. The high moral, confidence of students have ab of the department is equipped with softwares like Auto-CAD and CATIA. The Department is focusing on knowledge based studies through practical approach. The overall facilities and team efforts are enough to develop technical skills in each student to become a skilled engineer. The practical based approach of the department is found Students are motivated to deliver on the topics taught in class room to develop their presenting skills right from the beginning. Our and dedicated staff to look after the practical activities in each lab. CAD succeeded them in grabbing projects from research labs like DMRL, knowledge based education to our students. The work is very well performed by our dedicated and highly qualified faculty members. aboratories are fully equipped and well established with experienced At department of Mechanical Engineering, we are imparting MGIRI, SCS Renewable Energy Ltd., Baramati etc.

■ To become a lead center for creating potential mechanical engineers having capabilities to accept new challenges.

- Dedication towards achieving highest standard of technical
- Promotion for innovative research in Mechanical Engineering.
- Application of comprehensive engineering knowledge and skills for meeting important societal needs.
- Strive for overall personality development of students to make them globally competitive Mechanical Engineers.













Engineering & Wanagement, Amravati Pote Estate, Kathora Road Amrayati, 444604 AICTE - ISTU SPONSORED

ONE WEEK REFRESHER / INDUCTION PROGRAM Research Paper Writing for Indexed Journals Basics of Technical

18th to 23th June, 2018

Organized by

Department of Week Trical Engineering



good research paper is a skill and each researcher needs take intense care of avoiding the plagianism. Writing a of research. While writing the paper, authors need to only gives recognition to authors but also forms firm social importance of research, etc. basics and important process of research like problem mentioned key aspects, thrust will also be given on paper writing skills in participants. Along with above to enhance it in order to present his work effectively language, format, etc. Furthermore, one also needs to take care of various key aspects like contents of paper Thus, it is of utmost importance to publish the findings base of knowledge and information for new aspirants. published in form of research paper. Research paper not doing research is not enough if research findings are not academicians, but also for all professionals. Merely identification, carrying out effective literature survey, Hence, primary objective of this STTP is to enhance the Research is required not only for students and

accommodation available. However, participant will have to bear expenses of travel to PRPCE&M, Amravati. Registration includes kit, funch and dinner. Limited This workshop is free of cost for all participants



Dr. V. B. Gawande, Pune. Dr. P. R. Gandhi, Ramdeo Baba COE Nagpur. Dr. P. S. Chande, Ex. Director MANIT, Bhopai Mr. Atul Deshmukh, JCB Pune Dr. R. C. Ramola, Director, DfT Deharadun. Dr. Rajan Patrikar, VNIT Nagpur. Dr. V. K. Deshpande, VNIT Nagpur

personnel Academicians, Research Scholars, Industrial

Nearest Railway Station is Amravati (8 km), Badnera Nearest Airport is Nagpur 150 km from the

 $(18\,\mathrm{km})$  from the Institute.

participants) (Registration will close after receiving 40 Last date of registration is 31" May 2018

Emai

Prof. S. P. Yeole, 9960759355 Dr. P. S. Ardak, 8830384560 Prof. A. P. Dhande, 9403619463 sttp.prpcem@gmail.com

Note: A evolution test will be conducted at the end of the program &

HoD/Principal Signature of

Certificates will be issued only to those who qualify the test.

Applicant's Sign









# ONE WEEK REFRESHER / INDUCTION PROGRAM Department of Mechanical Engineering AICTE - ISTE SPONSORED 18" to 23" June, 2018

			Address	Organization/Institution	ISTE Membership No.	Name
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#### intugurateCeremony of ICS Stratent Chapter &

# Enciparayorkshop. On Advancement Intersections Enginesisme

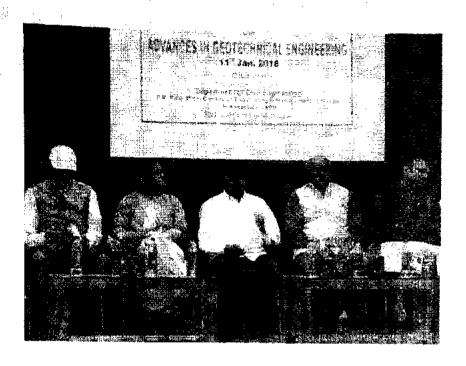
The linaugural ceremony of "Indian Georechnical Society"—Student Chapter followed by one day workshop was held on dated II" January 2018 by the hands of entirent personal ries in the area of geotechnical Engineering Dr. Yashiyani Kolekar (Assistant protessor, COEP). Dr. A. I. Dhattak (Dean Academics Govt. College of Engineering Annayati). Dr. S. S. Pusadkar (HOD, Govt. College of Engineering Jalgaon), Dr. S. P. Bajadak (Professor, Govt. Polytechnic Annayati). Dr. S. D. Wakde (Principal of PRPCEM). Prof. Mohammad Zuhair (Vice Principal of PRPCEM) and coordinate, of the workshop Prof. S. S. Saraf and Prof. N. P. Bhopale, The IGS local chapter of student committee of 1.5 students was formed at the inaugural ceremony.





Prof. S.S. Saraf formally welcomed all the dignitaries and students, gave a list introduction of "Indian Geotechnical Society". The students were made aware about the significance of IGS and various programs in all over the country running associated with IGS.

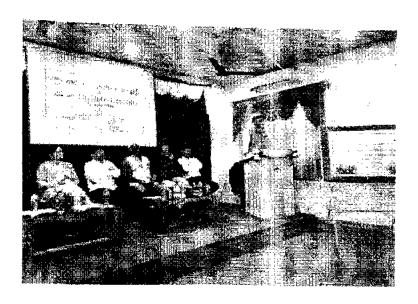
He described the objectives of IGS and its activities.





dive. We described and explained the importance of inventory and transportation is tollows.

Dr. S.P. Bajad appreciated the organizers for formation of "Indian Geotechnical Society". Student Local Chapter followed by conducting workshops "Advancements in Geotechnical Engineering". Sir emphasis on various applications of this topic in diverse fields and guide the students to become active member of IGS.

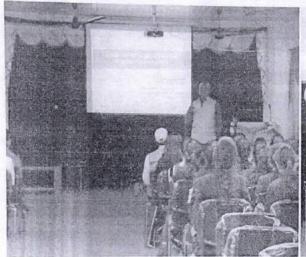




In the first session Dr. Yashwant Kolekar introduced students with rock mechanics, its application and its implementation along with methods of rock drilling, also highlighted the importance of rock mechanics and advancement in it.

In the second session Dr. S. S. Pusadkar enlighten the advancement in geotechnical engineering, Failures of structure due to poor geotechnical investigation. He also had interactive session with students for solving their queries and guiding them for making career in the field of geotechnical engineering.

The workshop was concluded with the Certificate distributions to the participants by the hands of Dr. S. S. Pusadkar & vote of thanks given by Prof. T. S. Junghare.





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

P.R.Pote (Patil) College of Engg. & Management
Amrayati

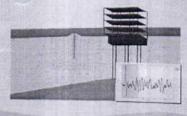
#### ABOUT STTP

This training programme intends to cultivate the interest of participants in structural and geotechnical actions of dynamics in Civil Engineering structures. Dynamics in this context means time varying. The study of dynamics ber s increasingly important to ensure that the dynamic response of Civil Engineering structures is reduced to prevent significant damage during earthquakes.

In Civil Engineering it is important in the design and retrofit of structures to withstand severe dynamic loading from earthquakes and strong winds or to identify the location of damage within an existing structures. The study of dynamics is helpful in studying the basic and essential input parameters for conducting ground response analysis.

This course enables the participants to gain an understanding of basic research orientation and fundamental areas of structural & geotechnical dynamics.

- The prime objective of this STTP is to Study the applications & mathematical modeling of structural & geotechnical dynamics related to Civil Engineering structures.
- This STTP is relevant to faculty, and researchers who pursuing their higher studies in are structural & geotechnical engineering.



#### RESOURCE FACULTY:

Dr. L. M. Gupta, Professor, VNIT, Nagpur
Dr. Y. M. Ghugal, Professor & Head, CoE. Karad
Dr. P. S. Pajgade, Professor, PRMIT&R, Badnera
Dr. Mrs. S. N. Madhekar, Asso. Prof., CoE Pune
Dr. S. N. Khante, Asso. Prof., GCoE, Amravati
Dr. S. S. Pusadkar, Asso. Prof. & Head, GCoE. Jalgaon
Dr. R. N. Khapre, Asso. Prof., Ramdeobaba CoEM, Nag
Dr. Ratnesh Kumar, Asst. Prof., VNIT, Nagpur
Prof. S. W. Thakre, Asst. Prof., GCoE, Amravati

#### TARGET PARTICIPANTS:

Academicians, Research Scholars, Industry Personal

#### HOW TO REACH INSTITUTE:

Nearest Airport is Nagpur-150 Kms Nearest Railway station is Amravati -8 Kms, Badnera-18 Kms from Institute.

#### IMPORTANT DATES:

Last date for submission of duly filled registration form along with prescribed fees on or before 10th June 2018

#### REGISTRATION DETAILS:

Participants have to pay registration fees of Rs. 1000/only (For ISTE members) and Rs. 1200/- (for Non-ISTE members), & for P.G. students Rs. 500/- which includes the cost towards Breakfast, Lunch, and course material (if any).

Registration fees can be paid in cash or remitted through Demand Draft drawn in favour of "Principal, P, R. Pote (Patil) College of Engineering & Management" payable at Amravati. Registration form must accompany the registration fees.







#### Registration Form

ISTE Approved
(Self Sponsored)
Short Term Training Program (STTP)

O

"BASICS OF STRUCTURAL & GEOTECHNICAL DYNAMICS"

Date: 18th June to 23rd June 2018

Name of Participant:	DECEMBER OF A
2. Designation:	
3. Organization:	
4. ISTE member No.:	
5. Mobile Number:	

6. E-Mail: \_\_\_\_\_\_\_

7. Mailing Address: \_\_\_\_\_

8. Payment Details: - Cash / DD\_

(Applicant's Signature)

Date:

Place:

(Signature of HoD/Principal)

H.O.D. (Civil Dept.)

P.R.Pote (Patil) College of Engg. & Manaca

Amravati.

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CONVEYER

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Anamasi

Prof. Mohammad Zuhan, Head & Vice-Pencepa

PRINCESM, Annavati

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Empl. Sectionate/2014(Septem com.)
(+01545/22555505)
Wr. Edward P. Shopate, Assistant Professor
Empl. Biggstein Egypticion (+2188732516374)

ADVIBIORY COMMITTEE:
Poof IP & K. Deshmodi, Principa, Coc. Akola
Prist DKA, R. Akundhada, PRMITAR, Badhera
Prof. CK, S. N. Kitania, GCoE, Amrayat,
Publ. CJ; P. S. Pajgade, PRMITAR, Bachers,
Prof. CK, S. S. Pusadkar, GCoE, Jajgadri
Prof. CK, N. Kadam, GCoE, Amrayati

GRIGARIZING COMMITTEE

Mr. A. K. Chillosphess, Civil, Enggl. Dept

Mr. S. V. Chicker, Civil, Engg., Dept

Mr. A. Rohmen, Civil, Engg., Dept

Mr. A. A. Watthertar, Civil, Engg., Dept

Mr. R. D. Watthertar, Civil, Engg., Dept

Mr. R. D. Watthertar, Civil, Engg., Dept

Mr. R. D. Watthert, Civil, Engg., Dept

Mr. T. S. Bunghara, Civil, Engg., Dept

#### ABOUT INSTITUTE: #

P. R. Pote (Petil) Group of Educational institutes Amravati, le a foremost name in Higher education in Mahamashira. The group has become a symbol of quality education in diverse fields rareging from primary ediscution to technical & photospional educations. Over a about span of time, the group has become cynonymous with its educational institutes of highest standards renowned for their academic excellence and the commitment to the holistic development of the includes and the society. Founded in year 2009, P. R. Pole (Pall) College of Engg. & Mgmt. is a consument und of the parent educational group. The institute has beat and assessing to develop as a centre of excellence in engineering education and research, catering to the peeds of organizations in different sectors of the edizioniy with special emphasis on fectinology driven and knowledge-based inclusions that are characterized by high degrees of globalisation, dynamism, complexity and innevation.

#### ABOUT DEPARTMENT OF CIVIL ENGINEERING

The Department of CNS Engineering seeks to combine excellence and discipline in technique editeation, developing students for intellectual skill and practical experience that anable them to serve a variety of societal needs, nurtured students to become trest professionals as project managers, structural designars in industry of become entrepreneurs in their own throughtva way. The department has a team of dynamic and experienced faculties whose expertise spans the tange, of disciplines at CNR. Engineering students specially shown for their excellent plant coordination and a very healthy wrote-curing for our fland-winning students. The department is well equipped with taleat software's and laboratory equipments.

The Department of Civil Engineering believes in building career, enriching minds and provides a remarkable experience that leasts a life time.







151E Approved

(Self Sponsored)

Short Term Training Program (Se

On

"BASICS OF STRUCTURAL & GEOTECHNICAL DYNAMICS"

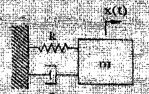
Date: 18" June to 23" June 2018

\*\*\*\* Organized by \*\*\*\*\*

Ospartment of CIVII Engineering
P. R. Pote (Paul) Education & Welfare Trus Group of Institutions
College of Engineering & Management,

Pote Estate, Gajanan Township, Kathora Roed Amravali 444605 0721-2970110, Fax: 0721-2530341

E-mail : procepationlage@gmail.com Web : www.procem.org



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

# Department of Civil Engineering ISTE Approved (Self Sponsored) STTP on

# "BASICS OF STRUCTURAL DYNAMICS AND GEOTECHNICAL DYNAMICS"

(From 18th June to 23rd June2018)

Schedule of Short Term Training Programme (STTP) 2018-19

Sr. No.	Date	Session 1 Guest Speaker	Time	Topic .	Lunch	Session 2	Time	Topie
Ď <b>a</b>	18-06-2018	Dr. M.G. Chandeker (VC.SGBALI Argrevati) Dr. A. L. Dhetrak GCoE Argrevati	11:08 am to OF 60 pm	Mauguration of STIP		Guest Speaker  By A. J. Dheirek GCoB'Amtayat	02:00 to .04:00 pm.	Imperiance of Soil Dynamics
2	19-06-2018	ProEDr. L. M. Gupta VNIT, Nagpur	11:00 am to 01:00 pm	Structural Steel Design- A Limit State Approach	<b>E</b> .	Prof. Dr. Ramesh Kumar, VNIT Naggur	02:00 to 04:00 pm	Seismic Design & Detailing: Philosophy & Principles & Overview of Geotechnical Earthquake Bugingering for
	20-06-2018	Dr. S. N. Madhekar CoB.Puna	11:00 am to 01:00 pm	Solving Practical Problems using concepts of Structural Dynamics	to 2:00	Dr. S. S. Pusadkar GCoE.Jalgaon	02:00 to 04:00 pm	Sesanic Gesign Georgechnical Earthquisko Resistar Structures - A perspective
	21-06-2018	Dr. P. S. Pajgade PRMITR, Badnera	11:60 am to 01:00 pm	Learning's from the Past Earthquakes	8.	Dr. S. N. Khante GCoE Amravati	92:00 to 94:00 pm	Basics of Sinuctural Dynamics &
	206-2018	Dr. R. N. Khapre Ramdeobaha CoR. Nagpur	11:00 am to 01:00 pm	Solving Examples of Dynamic Analysis using ANSYS		Prof. S. W. Thakre GCoE Amravati	02:00 to:	Advance Applications  Dynamic Properties of Soil
	23-66-2018	Dr. A. R. Mundhada PRMITE Endnern	09:00 am to 10:30 am	Importance & Applications of Dynamics		Dr. H. Y. Mohod (ISTE Chairman) (M.S. & Goe) Dr. A. R. Munithada PRMITE Badnera	11:00 mm te 01:00 pm	Maiodictory/Renotion 17



# 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)

NAAC Accredited at the 'A' Level

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

Email: prpotepatilcollege@gmail.com

Ref.: PR PCOEM/ISTE/2236/2018-19

Date: 06/07/2018

To,

The Executive Secretary

ISTE, New Delhi.

Subject: Report Submission for ISTE approved (Self Financed) one week Short Term Training Program.

Reference: ISTE/Proceedings/STTP-SF/MAH-044/2018-19

Respected Sir/Madam.

With reference to the above, the ISTE approved (Self Financed) one week Short Term Training Program on "Basics of Structural & Geotechnical Dynamics" was scheduled from 18-6-2018 to 23-6-2018 and successfully completed at Department of Civil Engineering. Kindly find herewith the enclosures mentioned below. Hereby requesting to kindly issue the 22 STTP Certificates (15 for ISTE Members & 07 for new ISTE membership). We are very much thankful for granting us the pennission to conduct the Short Term Training Program.

Thank You.

P.Bhopale Prof. S. S. Saraf Assistant Prof. (STTP Coordinator)

Prof. Molammad Zuhair

.O.D

H.O.D. (Christinent)

Principal.

Encl:

- P.R.Pote (Path) College of Engr. & Management College of Engineering & Management Demand Draft (Number 415848) of ISTE members (15 x 354 = 5310/-) for Certifical of STTP
- Demand Draft (Number 415864) of Non-ISTE members (10 x 3540 = 35400/-) for Life Membership of ISTE
- Demand Draft (Number 415866) of Non-ISTE members (07 x 354 = 2478/-) for Certificate of
- List of ISTE members, List of Non-ISTE members
- List of Non-ISTE members for Life Membership
- Registration forms (10 no's ) of "Non-ISTE members for Life Membership"
- Result of ISTE members
- Result of Non-ISTE members
- Schedule of the STTP
- List of Resource Persons
- Copy of "Sample Course Notes"
- Question Paper of STTP
- Report of STTP with photographs

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

#### Department of Civil Engineering

ISTE Approved (Self Sponsored) STTP on

#### "BASICS OF STRUCTURAL DYNAMICS AND GEOTECHNICAL DYNAMICS"

(From 18th June to 23rd June2018)

## List of Resource Persons (Guest Speaker)

Sr. No.	Name of Guest Speaker	Address	Contact Details Mail id & Contact Number	Date	Topics	
Ol	Dr. A. I. Dhatrak	Associate Prof., Government College of Engineering Amravati Maharashtra State	anantdhatrak@rediffmail.com 09421825191	18-06-2018	Importance of Soil Dynamics	
02	Right L.M. Cright	Professor, Vigvesvaraya National Institute of Technology, Nagpur Maharsahira State	lmgupta_vrce@yahoo.co.in 09422125802	19-06-2018	Structural Steel Design-A Limit State Approach	
03	Prof. Dr. Ramesh Kumar	Associate Prof. Visvesvaraya National Institute of Technology, Nagpur Maharashtra State	ratneshkumars@apm.vnit.ac.in 09372548232	19-06-2018	Seismic Design & Detailing: Philosophy & Principles & Overview of Geotechnical Earthquake Engineering for Seismic Design	
04	Dr. S. N.Madhekar	Associate Prof. College of Engineering Pune Maharashtra State	suhasini madhekar@gmail.com 09822325683	20-06-2018	Solving Practical Problems using concepts of Structural Dynamics	
<b>05</b>	Dr. S. S. Pasadicar	Associate Prof. Government College of Engineering Julgaon Maharashtra State	ss_pusadkar@yahoo.co.in 09422915635	20-06-2018	Geotechnical Earthquake Resistant Structures - A perspective	
8	Dr. P. S. Pajgade	Professor Prof Ram Meghe Institute of Technology & Research Badnera	ppajgade@gmail.com 09765405343	21-06-2018	Learning's from the Past Earthquakes	
	De S. N. Kliante	Associate Prof. Government College of Engineering Amravati Maharashira State	snkhante@yahoo.com 09860441250	21-06-2018	Basics of Structural Dynamics & Advance Applications	
)8	Dr. R. N. Khapre	Shri Ramdeobaba College of Engineering and Management Nagpur	khaprern@rknec.edu 09960256533	22-06-2018	Solving Examples of Dynamic Analysis using ANSYS	

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

Department of Civil Engineering

ISTE Approved (Self Sponsored) STTP on

# \*BASICS OF STRUCTURAL DYNAMICS AND GEOTECHNICAL DYNAMICS"

(From 18th June to 23rd June2018)

## List of Resource Persons (Guest Speaker)

S Name of Guest Address	Contact Details
On Prof. S. W. Histor, Schooling Pub. Govern	Mail id & Contract Number Date Topics
Colegent Commercial	A Sanjay Unkare 1964 (a) email com
E me Vo Monardare State	22/06-2018 Dynamic Properties of Soil
A Processor of the Committee of the Comm	
Suite.	19822470880 21:06:2018 Importance & Applications of

#### **FINAL REPORT**

Self financed ISTE approved

#### **Short Term Training Program**

On

# "BASICS OF STRUCTURAL DYNAMICS AND GEOTECHNICAL DYNAMICS"

#### Date and Venue:

The STTP took place on 18<sup>th</sup> to 23<sup>rd</sup> June 2018 at Department of Civil Engineering, P.R.Pote(Patil) Education & Welfare Trust's, Group of Institutions, College of Engineering & Management, Pote estate Kathora road, Amravati.

#### Training Team:

The members of the training team were -

- 1. Dr. M.G. Chandekar, Vice Chancellor, SGBAU Amravati University
- 2. Dr. A. I. Dhatrak, Dean Academics, Government College of Engineering, Amravati.
- 3. Dr. L. M. Gupta, Professor, VNIT Nagpur.
- 4. Dr. S. N. Madhekar, Professor, COEP Pune.
- 5. Dr. P. S. Pajgade, Professor, PRMIT&R, Badnera, Amravati.
- 6. Dr. R. N. Khapre, Professor, RKNEC, Nagpur
- 7. Dr. Ratnesh Kumar, Asso. Professor, VNIT Nagpur.
- 8. Dr. S. S. Pusadkar, Asso. Professor, GCOE Jalgaon.
- 9 Dr. S. N. Khante, Asso. Professor, GCOE Amrayati.
- 10:Mr. S. W. Thakre, Asso. Professor, GCOE Amrayati.
- 11. Dr. H. Y. Mohod, ISTE Chairman, Maharashtra& Goa
- 12.Dr. A. R. Mundhada, Professor, PRMIT&R, Badnera, Amravati,

#### STTPContents:

Following are the topics covered in the Workshop.

- 1. Structural Steel Design-A Limit State Approach
- 2. Solving Practical Problems using concepts of Structural Dynamics
- 3. Learning's from the Past Earthquakes
- 4. Solving Examples of Dynamic Analysis using ANSYS

- 5. Importance & Applications of Dynamics
- 6. Importance of Soil Dynamics
- 7. Seismic Design & Detailing: Philosophy & Principles &
- 8. Overview of Geotechnical Earthquake Engineering for Selsmic Design
- 9. Geotechnical Earthquake Resistant Structures -A perspective
- 10.Basics of Structural Dynamics & Advance Applications
- 11. Dynamic Properties of Soil

#### STTP Objectives:

- The prime objective of this STTP is to Study the applications & mathematical modeling of structural & geotechnical dynamics related to Civil Engineering structures.
- This STTP is relevant to faculty, and researchers who pursuing their higher studies in areas of structural & geotechnical engineering

#### STTPProgram:

#### Day 1

#### Session I:Inaugural function

Inaugural function of the STTP was conducted on 18th June 2018 at 11.00 am by the hands of Dr. M.G. Chandekar, Vice Chancellor, SGBAU Amravati University, Dr. A. I. Dhatrak, Dean Academics, Government College of Engineering, Amravati, Principal Dr. S.D. Wakde, Director Dr. D. G. Wakde, Vice-Principal Prof. Mohammad Zuhair. All HOD's &faculties were present on this occasion.

### Session II: Importance of Soil Dynamics.

This session was delivered by Dr. A. I. Dhatrak, Dean Academics, Government College of Engineering, Amravation Importance of Soil Dynamics.Basics of soil dynamics were nicely delivered. Also each & every aspects of soil dynamics and its importance on structural stabilitywas explained by Dr. Dhatrak wisely:

#### <u>Day: 2</u>

# Session I:Structural Steel Design-A Limit State Approach

Session was conducted by Dr. L. M. Gupta, ProfessorVNIT, Nagpur. Dr. Gupta explained the basics of steel design by using new code IS 800: 2007. He has also explained difference between both new and old steel design code.

# Session II: Seismic Design & Detailing: Philosophy & Principles & Overview of Geotechnical Earthquake Engineering for Seismic Design

Dr. Ratnesh Kumar, Associate Professor, VNIT, Nagpurdelivered this session; He discussed the practical situations where structure can be made earthquake resistant. Dr. Ratnesh Kumar also discussed past earthquake studies in India and also learnings from the same.

#### **Day: 3**

# Sessions I: Solving Practical Problems using concepts of Structural Dynamics

The session was delivered by Dr. S. N. Madhekar, Professor, College of Engineering, Puneon Solving Practical Problems using concepts of Structural Dynamics. Dr. Madhekar explained the practical examples where structural dynamics comes into picture. Also some practical examples were solved in the session as an assignment.

# Session II: Geotechnical Earthquake Resistant Structures - A perspective

Dr. S. S. Pusadkar, Associate Professor, GCOE, Jalgaondelivered this session; He discussed the geotechnical aspects of earthquake engineering. Dr. Pusadkar also discussed failures of structure during past earthquake due to sudden changes in properties of soil.

#### Dav:4

## Session I: Learning's from the Past Earthquakes

This session was delivered by Dr. P. S. Pajgade, Professor, PRMITR, Badnera on Learning's from the Past Earthquakes. Dr. Pajgade highlighted the structural failures during most of the severe earthquake studies in India as well as out of India. Dr. Pajgade also discussed some structural failures in nearby Amravati region and suggested remedial measures for the same.

# Session II: Basics of Structural Dynamics & Advance Applications

Session was conducted by Dr. S. N. Khante, Associate Professor, GCOE Amravati. Dr. Khante explained the basics and advancement instructural dynamics, SDOF and MDOF systems. He has also explained importance of dynamics for structural design.

Dr. Khante also discussed about piezoelectric materials and its application in structural health monitoring.

#### **Day: 5**

# Session I: Solving Examples of Dynamic Analysis using ANSYS

This session was delivered by Dr. R. N. Khapre from Ramdeobaba College of Engineering, Nagpur, on Dynamic Analysis using ANSYS.Dr. Kharpemnicely explained most of the simulations and types of analysis available in ANSYS software.

#### Session II: Dynamic Properties of Soil

This session was delivered by Prof. S. W. Thakre Associate Professor, GCOE Amravati, on Dynamic Properties of Soil.Prof. Thakre explained the importance of dynamic properties of soil during structural design. Sir has explained the various laboratory and field test for checking dynamic properties of soil.

#### Day: 6

#### Session I: Importance & Applications of Dynamics

This session was delivered by Dr. A. R. Mundhada from PRMITR, Badnera, Amravati, on Importance & Applications of Dynamics. Sir wisely explained applications of dynamics and its importance for structural designing.

#### Session II: Valedictory Function

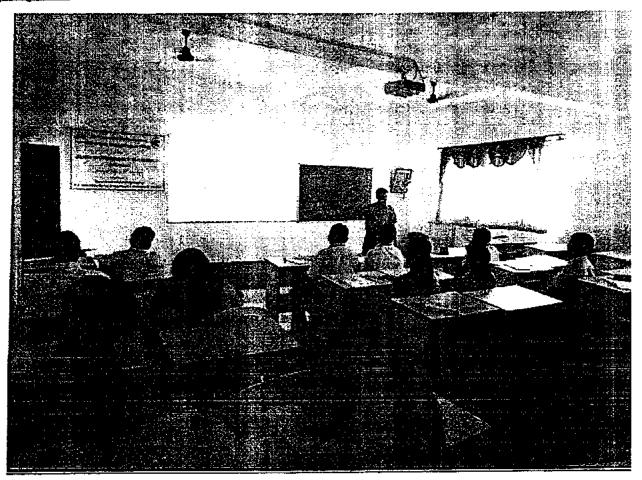
The chief guest for Valedictory function was Dr. H. Y. Mohod, ISTE Chairman, Maharashtra state& Goa, Dr. A. R. Mundhada from PRMITR, Badnera, Principal Dr. S. D. Wakde, Vice-Principal Prof. Mohammad Zuhair All HOD's & faculties were present on this occasion.

#### **Outcomes of the Training-Workshop:**

- 1) Participants got familiar with the basics of structural and geotechnical dynamics.
- 2) Participants were able to understand the application & practicability of structural and geotechnical dynamics& possibilities of their application in Civil Engineering.
- 3) Participants got familiar Advanced analysis options available in ANSYS.

At the end, test of participants was taken and feedback from participants were collected. Certificates were distributed to all participants.

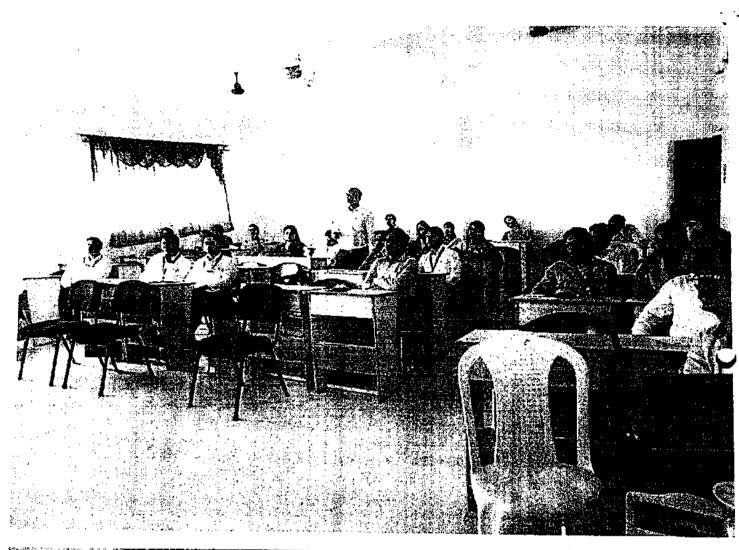
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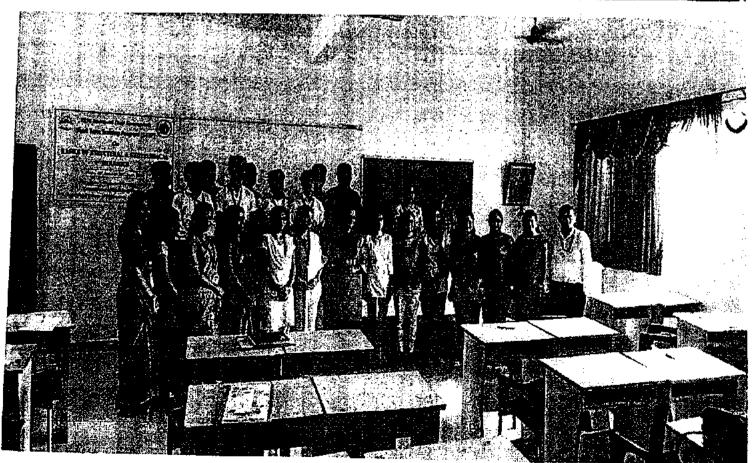


Dr. R. N. Khapre delivering expert lecture



Dr. S. N. Madhekar delivering expert lecture





Feedback Form

One Week Short Term Training Program (STTP) on

# Basics of Structural and Geotechnical Dynamics

18 to 23 June 2018

Name of Participant:	Ms.	Sampuddhi	<u>C,</u>	Sagane	<u> </u>
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ne of Institute :- PRMIT SCALE: 1-STRONGLY AGE	E; 2	agrei	c; 3·	NEUTI	RAL;	4 -Disagree; 5 - Strongly disagree
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The event location was appropriate and satisfactory	9	ū	D	6	D	
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The trainer responded to questions in an informative; appropriate and sensitivities of the manner.		ø		83		
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# P. R. Pote (Patil) College of Engineering & Management, Amravati

### Civil Engineering Department

#### Feedback Form

One Week Short Term Training Program (STTP) on

## Basics of Structural and Geotechnical Dynamics

Name of Participant: - Ku Projecti Ashokroo Damke

SCALE: 1- STRONGLY AGR	ee; 2	— AGREI	E; 3	– NEUTI	RAL;	4 DISAGREE; 5 STRONGLY DISAGREE
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Overall, the sessions were informative and valuable.	13-	-		O	72.	
). What aspects of the event, if any, would you change in future? Why?						
. Which session/elements of the event did you find most useful? Why?						
Do you have any suggestions for future workshop/events that you would like us to organize?	I be		u ist	nse	hat d	, this type of STIP will by Athis institute in table also
Whomew skills have you learnt from the event that you think you will be able to put into practice?	27.06 % 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				jalovy Valovy	

Feedback Form

One Week Short Term Training Program (STTP) on

#### Basics of Structural and Geotechnical Dynamics

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Feedback Form

One Week Short Term Training Program (STTP) on

# Basics of Structural and Geotechnical Dynamics

18 to 23 June 2018

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#### Feedback Form

One Week Short Term Training Program (STTP) on

# Basics of Structural and Geotechnical Dynamics

18 to 23 June 2018

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आता उपास्यत कला जात आह. मुख्याधिकारी अवघ्या महिन्यापूर्वी रुजू झालेड मात्र त्यांना लागल्यान नगरसवकाना बसायला जागासुद्धा शिल्लक नाही. गळतीने महत्त्वाच्या फायली व कागदपत्रे

ताडपत्र्याना आच्छाादत करून नगरपंचायतने स्वतःला वाचविण्याचा केविलवाणा प्रयत्न केला.

# पोटे अभियांत्रिकीत आयएसटीईचे प्रशिक्षण

अमरावती, ता. १३: पी. आर. पोटे पाटील कॉलेज ऑफ इंजिनिअरिंग ऑण्ड मॅनेजमेंटमधील स्थापत्य अभियांत्रिकी विभागात: बेसिक ऑफ स्ट्रक्चरल ऑण्ड जिओटेक्नॉलॉजी डायनॅमिक्स: या विषयावर कार्यशाळा झाली. नागपूर व्हीएनआयटीचे प्रा. एल. एम. गुप्ता, प्रा. रत्नेशकुमार, पुण्याचे

डॉ. एस. एन. मधेकर, अमरावती शासकीय अभियांत्रिकीचे प्रा. एस. एन. खंते, प्रा. एस. एस. पुसदकर, प्रा. एस. डब्ल्यू. ठाकरे, प्रा. पचगाडे व प्रा. खापरे यांनी मार्गदर्शन केले. महाराष्ट्र तथा राज्याबाहेरील ४५ प्राध्यापकांनी या प्रशिक्षण कार्यशाळेत सहभाग घेतला होता. कुलगुरू डॉ. मुरलीधर चांदेकर व डॉ. ए. आय. घात्रक, आयएसटीई अध्यक्ष प्रा. हेमंत मोहोड व प्रा. अशोक मुंधडा यांनी विस्तृत माहिती दिली. संस्थाध्यक्ष प्रवीण पोटे, उपाध्यक्ष दिलीप निंभोरकर, संचालक डॉ. डी. जी. वाकडे, उपप्राचार्य प्रा. मोहंमद जुहेर तथा स्थापत्य विभागातील प्राध्यापकवृंद उपस्थित होता.

# सर्फापुरातून लाखाची बैलजोडी चोरली

अमरावती, ता. १३ : चांदूरबाजार तालुक्यात सर्फापूर शिवारात दिवाकर काटोलकर यांच्या



H.O.D. (Civil Dept.)
P.R.Pote (Patil) College of Engg. & Management
Amravati.

# **Content**

# 1.3.2

Sr. No.	Particulars	Page No.
1	Cover Page	2
2	Design and analysis of power transmission systems for cotton feeding automatic central trolley.	3-11
3	Design and analysis of horizontal hydraulics press machine.	12-14
4	Smart bus system (Automatic Brake Failure Detection with Auxiliary Breaking System)	15
5	Project & Dissertation	16-17
6	Internship undertaken during the year	18-35

# NAAC Criteria-1 AQAR 2017-18

# **List of Supporting Documents**

Item No.	Content
1.3.2	Field Projects/ Internship under taken during the year Internship under taken during the year

## "Design and Analysis of Power Transmission System for Cotton Feeding Automatic Central Trolley"

## Submitted for the degree of Bachelor of Engineering in MECHANICAL ENGINEERING

#### Submitted by

Mr. Achyut V. Bhoyar

Mr. Akash R. Kulkarni

Mr. Vaibhav S. Ghodeswar

Mr. Rupesh S. Hanskar

Mr. Sumit B. Bhusari

Mr. Sarang S. Landge

Under the Guidance of Prof. V. G. Gore



## DEPARTMENT OF MECHANICAL ENGINEERING

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

Academic Year (2017-18)

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



#### CERTIFICATE

This is to certify that project report entitled "Design and Analysis of Power Transmission System for Cotton Feeding Automatic Central Trolley" is confided work and it is submitted to Sant Gadge Baba Amravati University, Amravati.

#### Submitted By

Mr. Achyut V. Bhoyar

Mr. Akash R. Kulkarni

Mr. Vaibhay S. Ghodeswar

Mr. Rupesh S. Hanskar

Mr. Sumit B. Bhusari

Mr. Sarang S. Landge

In partial fulfillment of the requirements for the award of degree of Bachelor of engineering in Mechanical Engineering during the academic year of 2017-18 under the guidance of Prof. V.G. Gore.

Prof.V. G. Gore

Dr.F. SArdak

HoD

Guide

Dr. S. D. Wakde

Principal

## ABSTRACT

Cotton ginning plays very important role of separation of fibers from cotton seed and converts raw cotton into lint. Ginning acts as a bridge between cotton farmer and textile industry. In Ginning plant, the automated central trolley plays a vital role in a conveying raw cotton from inclined belt to double roller gin machine.

The existing scenario of power transmission of cotton feeding automatic central trolley having two symmetrical compartment of power transmission and this transmission drives with two different power inputs. Due to that electric consumption, cost of trolley and other some respective parameters get enhanced.

To overcome this drawback of existing central trolley system we are planning to modified it and suggested to JADHAO GEARS LIMITED Amravati.

Following are the key points of our project: -

- Central trolley
- Cost
- Weight
- Double roller gin



JGT CAP PHA/18-19/75

Dated: 24th May 2018

## **CERTIFICATE**

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that, Mr. Achyut V. Bhoyar, (Student of P. R. Pote College of Engineering & Management, Amravati) has completed his Project work on the topic "Design & Analysis of Power Transmission System for Cotton Feeding Automatic Central Trolley" during the period from 8th Aug 2017 to 16th Feb 2018 in our organization.

He has been sincere, hardworking and punctual in his work.

We wish him success in his future endeavors.

For Jadhao Gears Limited

Authorized Signatory





JGL/CAF/PHA/18-19/76

Dated: 24th May 2018

## **CERTIFICATE**

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that, Mr. Akash R. Kulkarni, (Student of P. R. Pote College of Engineering & Management, Amravati) has completed his Project work on the topic "Design & Analysis of Power Transmission System for Cotton Feeding Automatic Central Trolley" during the period from 8th Aug 2017 to 16th Feb 2018 in our organization.

He has been sincere, hardworking and punctual in his work.

We wish him success in his future endeavors.

For Jadhao Gears Limited

Authorized Signatory



## JADHAO GEARS LIMITED

0.82 10 & 11. MIDC Area, Amravati - 444 605 IMS) INDIA. Telefax ; + 91 - 721 - 2522967, 2521382, 
"Roste Www.jednatigin.com; www.jednatigroup.in; a-mail; jednatigearspytttchnkt@gmail.com; jepnatikating@jednatign.com;
Cotton Ginning Machinea, Cotton Belling Presses, Cotton Cleaning & Macarial Findding Systems, 
Flattons Commit Penals, Oil Expeller & Cotton Seed Organ



tGL CAF PHA/18-19/77

Dated: 24th May 2018

## **CERTIFICATE**

#### **TO WHOMSOEVER IT MAY CONCERN**

This is to certify that, Mr. Vaibhav S. Ghodeswar, (Student of P. R. Pote College of Engineering & Management, Amravati) has completed his Project work on the topic "Design & Analysis of Power Transmission System for Cotton Feeding Automatic Central Trolley" during the period from 8<sup>th</sup> Aug 2017 to 16<sup>th</sup> Feb 2018 in our organization.

He has been sincere, hardworking and punctual in his work.

We wish him success in his future endeavors.

For Jadhao Gears Limited.

Authorized Signator







161 CAF/PHA/18-19/80

Dated: 24th May 2018

## **CERTIFICATE**

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that, Mr. Rupesh S. Hanskar, (Student of P. R. Pote College of Engineering & Management, Amravati) has completed his Project work on the topic "Design & Analysis of Power Transmission System for Cotton Feeding Automatic Central Trolley" during the period from 8<sup>th</sup> Aug 2017 to 16<sup>th</sup> Feb 2018 in our organization.

He has been sincere, hardworking and punctual in his work.

We wish him success in his future endeavors.

For Jadhao Gears Limited.

Authorized Signator





JGL/CAF/PHA/18-19/78

Dated: 24th May 2018

## **CERTIFICATE**

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that, Mr. Sumit B. Bhusari, (Student of P. R. Pote College of Engineering & Management, Amravati) has completed his Project work on the topic "Design & Analysis of Power Transmission System for Cotton Feeding Automatic Central Trolley" during the period from 8<sup>th</sup> Aug 2017 to 16<sup>th</sup> Feb 2018 in our organization.

He has been sincere, hardworking and punctual in his work.

We wish him success in his future endeavors.

For Jadhao Gears Limited.

Authorized Signatory



## JADHAO GEARS LIMITED



IGL CAF PHA/18-19/79

Dated: 24th May 2018

## **CERTIFICATE**

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that, Mr. Sarang S. Landge, (Student of P. R. Pote College of Engineering & Management, Amravati) has completed his Project work on the topic "Design & Analysis of Power Transmission System for Cotton Feeding Automatic Central Trolley" during the period from 8<sup>th</sup> Aug 2017 to 16<sup>th</sup> Feb 2018 in our organization.

He has been sincere, hardworking and punctual in his work.

We wish him success in his future endeavors.

For Jadhao Gears Limited,

Authorized Signatory



#### A

#### PROJECT REPORT

#### ON

"Design and Analysis of Horizontal Hydraulics Press Machine"

Submitted for the fulfilment for the degree of engineering

(MECHANICAL ENGINEERING)

#### Submitted by

Ku. Ekta Chirde

Ku. Kajal Wade

Ku. Nilimi Barad

Ku. Shalini Walke

Ku. Ravina Adhau

Ku. Roshni Nikose

Under the Guidance of Prof. S.S.Dhoke



DEPARTMENT OF MECHANICAL ENGINEERING
P.R. Pote (Patil) College of Engineering & Management,
Amravati.

Sant Gadge Baba Amravati University, Amravati. 2017-18

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

#### DEPARTMENT OF MECHANICAL ENGINEERING



#### CERTIFICATE

This is to certify that seminar entitled "Design and Analysis of Horizontal Hydraulics Press Machine" is confided work and it is submitted to Sant Gadge Baba Amravati University, Amravati.

#### **Submitted By**

Ku. Ekta Chirde

Ku. Kajal Wade

Ku. Nilimi Barad

Ku. Shalini Walke

Ku. Ravina Adhau

Ku. Roshni Nikose

In the fulfilment of the degree of engineering in mechanical engineering during the academic year of 2017-18 under the guidance of

Prof. S.S.Dhoke

(Guide)

SSTheke

Dr. P. S. Ardak

(H.O.D)

#### Abstract:

It required to design, analysis and process optimization manufacturing to reduce quality costs in industrial applications. In this project we design the special purpose machine for inner sleeve used in the silencers. This SPM works on the principle of the hydraulic sequencing circuit. We provide the two cylinder arrangements one is horizontal position which used for performing different operations and pressure used for this cylinder is 20 TONS.

The second Cylinder is operate vertically for clamping purpose under the pressure of 5 TONS. One end of the workpiece is flurred and the other end is squeezed using horizontal hydraulic press. After using this machine the time required for the manufacturing the part reduces and production rate increases.

Keyword: - Techniques, design, manufacturing, cost reduction, quality, industrial companies.

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

## "Automatic Brake Failure Detection with Auxiliary Braking System"

#### Abstract:

Today accident occurs due to many reasons; one of the main reasons is brake failure in vehicle. It caused to due to poor maintenance of the vehicle as well as product defect. In this we made a model which detects brake failure automatically. When primary brake fails only then secondary or auxiliary braking system will starts its working and help the driver to stop the vehicle.

## Uniqueness:

Automatic Brake Failure Detection with Auxiliary Braking System provides effective results than previous braking system. It is very effective and unique as it will alert the driver and its surrounding by means of siren and help the driver to stop the vehicle using auxiliary braking system.

## **Applications:**

- It is useful in four wheelers
- Also applicable in Industries

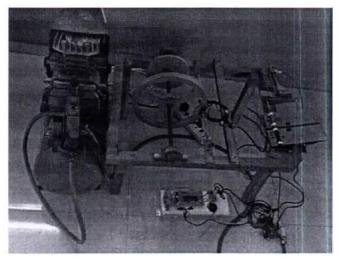


Fig.: System model

## **Future Scope:**

- 1. The power supply can be replaced by solar panels
- 2. The sensors can be integrated in IoT
- 3. The RF transceiver is used for the short distance and GPRS infrastructure can be used for long distance Communication

Presented by

Guided by

Payal Rathi

P. N. Pusdekar

Aparna Kale

H. C. (EXTC Dept.)
P.R.Pote (Patil) College of Engg. & Management
Amravati.

1107- P.R. Pote College of Engg. and Management

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31	Sabha Arzhi Mukhar Ahmed				ch Mub P.K	Amavati			Nikhil Shende
2	19 Sharayu Vijayrao Tuyde	Yugandhar Tikhe		9960047048	9960047048 Technologies Pvt Ltd. //	Sahajanand Nagar, Arjun Nagar Araa, Ammash-444604	www.thinkcode.co.in		Yugandhar Tikhe
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	Anklesh Gajananrao Khurkte	Mr Santosh Selokar	РНР		SSIT Pvt Ltd	Nagpur-22		Santosh Selokar
17	Vaishnavi Ratnakar Thakare		РНР		SSP Technology	2nd Floor, SM Tower, Karve nagar-Pune 411052	hr@ssptechnosvs.com	
27	22 Manish Bobade	Ashish Tiwari	РНР		Encryption Infotech	Above Jijamata Sahakari Bank,3rd Floor, Karve Nagar- Pune411052	hr@encryptloninfotech.com	
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24	24 Syed Mohin Syed Babamiya	Santosh Selokar	PHP		SSIT Pvt Ltd.	Nagpur-22		Santosh Selokar
25	Pratik Sudhakarrao Lavhale			0721-6055000 / 9021532927	JK Innovative Pvt Ltd.	3rd Floor Gulshan Plaza, Badnera Road, Rajapeth Sq., Amravati		Akshav Cahra
26	26 Rehan Shaikh Shakil Ahmad	Arvind Sharma		Code Microsy 9822939054 OPC Pvt. Ltd	Code Microsystems OPC Pvt. Ltd	4, Mahakali Nagar, Manewada-Ring Road, Nagpur-34	Codemicrosystems@email.rnm Arvind Sharma	Arvind Sharma
27	27 Sagar Satish Dandale			0721-6055000 /	JK Innovative Pvt Ltd.	3rd Floor Gulshan Plaza, Badnera Road, Rajapeth Sq, Amravati		Akshav Cabra
28	Saquib Alimad Abdul Sabir	Arvind Sharma		Code Micros 9822939054 OPC Pvt. Ltd	Code Microsystems OPC Pvt. Ltd	4, Mahakali Nagar, Manewada-Ring Road, Nagpur-34	codemicrosystems@gmail.com Arvind Sharma	Arvind Sharma
29	29 Swapnil Agrawal			0721-6055000 / 9021532927	JK Innovative Pvt Ltd.	3rd Floor Gulshan Plaza, Badnera Road, Rajapeth Sq. Amravati		Akshav Cabra

James James

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क्षेत्रिय व्यवस्थापक, क्षेत्रिय व्यवसाय कार्यालय, एस.बी.आय. कॅम्प शाखेजबळ, जुना बायपास रोड, कॅम्प, अमरावती-४४४ ६०२. क्षेत्रिय प्रबंधक, क्षेत्रिय व्यवसाय कार्यालय, एस.बी.आय. कॅम्प शाखा केपास, जुना बायपास रोड्, कॅम्प, अमरावती-४४४ ६०२. Regional Manager, (Regional Business Office) Nr. SBI Camp Branch, Old Bye-pass Road, Camp, Amravati-444 602.

Tel: 0721-255 0125 / 2550 1132 / 255 0345 / 255 0597 /255 0841 Fax: 0721-255 1132 Email: agmr1.zonag2@sbi.co.in

Ms. Priyanka Rajkumar Kela

03.06.2017

Student

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

Ward No. 8,

Shivaji Nagar, Ring Road,

Warud

RBO-II/NAG-II/HR/2017-18/420

Madam/Sir,

## SUMMER INTERNSHIP PROJECT FOR MBA STUDENTS: 2017-18

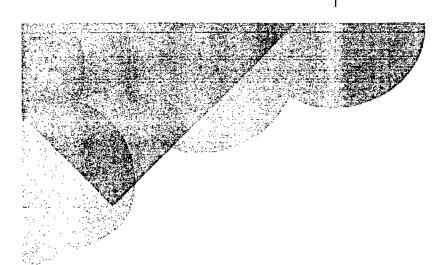
With reference to your application, we are happy to inform you that Competent Authority has allowed you to complete summer internship for your work exposure at our Warud branch, Dist: Amravati from 06.06.2017 to 21.07.2017.

Please note that you will not be allowed direct access to the Banks CBS/system and no confidential information/data will be shared with you. Only guidance will be given about the project in your concerned field. The Bank (State Bank of India) reserves the right to terminate your internship midway, if any misconduct is observed on your part. Also note, that you will not be eligible for any stipend or allowance or any other remuneration of any kind for the internship done by you at the branch.

The student should arrange to produce their ID card of the college as and when demanded.

Yours faithfully,

Regional Manager





#### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Miss. Priya Mukundrao Kubade a student of Patil College of Engineering & Management, Amravati, MBA (Major in Finance) has successfully completed her summer internship with us, as per following details:

Domain Name:

Finance

**Duration:** 

12th June 2017 to 29th July 2017

Her Work is found to be useful in the relevant business and she has submitted a copy of the Work report to us. During her Internship period we find her sincere, hardworking and having good behaviour and moral character. We wish her all success in her future endeavour.

Best regards,

Dr. Krishna S. Ramchaware





#### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Shubham Shekhar Belge a student of P. R. Pote (Patil) College of Engineering & Management, Amravati, MBA (Major in Finance) has successfully completed his summer internship with us, as per following details:

Domain Name:

**Finance** 

**Duration:** 

12<sup>th</sup> June 2017 to 29<sup>th</sup> July 2017

His Work is found to be useful in the relevant business and he has submitted a copy of the Work report to us. During his Internship period we find him sincere, hardworking and having good behaviour and moral character. We wish him all success in his future endeavour.

Best regards,

Dr. Krishna S. Ramchaware



#### TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Miss. Renuka Arun Doifode** a student of P.R. Pote (Patil) College of Engineering & Management, Amravati, MBA (Major in Finance) has successfully completed her summer internship with us, as per following details:

Domain Name:

Finance

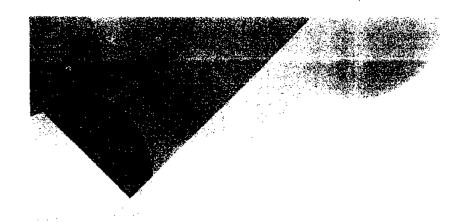
**Duration:** 

12th June 2017 to 29th July 2017

Her Work is found to be useful in the relevant business and she has submitted a copy of the Work report to us. During her Internship period we find her sincere, hardworking and having good behaviour and moral character. We wish her all success in her future endeavour.

Best regards,

Dr. Krishna S. Ramchaware





## TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Abhishek Naresh Gupta a student of P. R. Pote (Patil) College of Engineering & Management, Amravati, MBA (Major in Finance) has successfully completed his summer internship with us, as per following details:

Domain Name:

Finance\

Duration:

12<sup>th</sup> June 2017 to 29<sup>th</sup> July 2017

His Work is found to be useful in the relevant business and he has submitted a copy of the Work report to us. During his Internship period we find him sincere, hardworking and having good behaviour and moral character. We wish him all success in his future endeavour.

Best regards,

Dr. Krishna S. Ramchaware







#### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Miss. Rohini Sureshrao Mahalle a student of P.R. Pote (Patil) College of Engineering & Management, Amravati, MBA (Major in Finance) has successfully completed her summer internship with us, as per following details:

Domain Name:

Finance

**Duration:** 

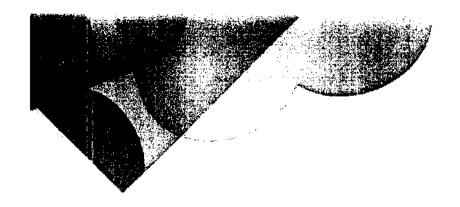
12th June 2017 to 29th July 2017

Her Work is found to be useful in the relevant business and she has submitted a copy of the Work report to us. During her Internship period we find her sincere, hardworking and having good behaviour and moral character. We wish her all success in her future endeavour.

Best regards,

Dr. Krishna S. Ramchaware







#### **TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Miss. Rutuja Vilas Deshmukh a student of P.R. Pote (Patil) College of Engineering & Management, Amravati, MBA (Major in Finance) has successfully completed her summer internship with us, as per following details:

Domain Name:

Finance

**Duration:** 

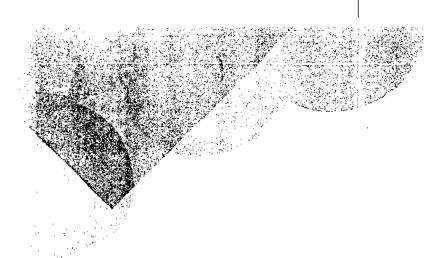
12<sup>th</sup> June 2017 to 29<sup>th</sup> July 2017

Her Work is found to be useful in the relevant business and she has submitted a copy of the Work report to us. During her Internship period we find her sincere, hardworking and having good behaviour and moral character. We wish her all success in her future endeavour.

Best regards,

Dr. Krishna S. Ramchaware







#### **TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Miss. Tejaswini Navanath Thombare a student of P.R. Pote (Patil) College of Engineering & Management, Amravati, MBA (Major in Finance) has successfully completed her summer internship with us, as per following details:

Domain Name:

Finance

**Duration:** 

12th June 2017 to 29th July 2017

Her Work is found to be useful in the relevant business and she has submitted a copy of the Work report to us. During her Internship period we find her sincere, hardworking and having good behaviour and moral character. We wish her all success in her future endeavour.

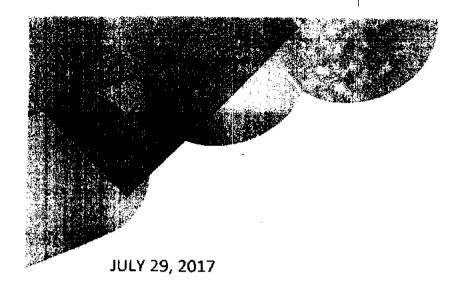
Best regards,

Dr. Krishna S. Ramchaware

Director Training and Development



🐒 floor / Opp Megament Dagody Fune 411012 MH 24 📞 020 RG449999 🗫 info@mcc.sdlations.com 🐠 www.mayeas.





### **TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Miss. Pranita Jairam Patil a student of Patil College of Engineering & Management, Amravati, MBA (Major in Human Resource Management) has successfully completed her summer internship with us, as per following details:

Domain Name:

Human Resource Management

**Duration:** 

12<sup>th</sup> June 2017 to 29<sup>th</sup> July 2017

Her Work is found to be useful in the relevant business and she has submitted a copy of the Work report to us. During her Internship period we find her sincere, hardworking and having good behaviour and moral character. We wish her all success in her future endeavour.

Best regards,

Dr. Krishna S. Ramchaware





भारतीय स्टेट बँक भारतीय स्टेट बैंक STATE BANK OF INDIA

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Avinash Shrikrushna Dakare, who is pursuing his Master of Business Administration degree in Finance from P.R. Pote (Patil) College of Engineering & Management, Amravati has successfully completed his Summer Internship at our Shendurnana Ghat branch from 04.06.2018 to 31.07.2018 in partial fulfillment of requirement for the award of Post Graduate Degree in Business Administration prescribed by the institute.

His Performance was found to be excellent during the period.

We wish him all success in his future career.

Regional Wanager Regional Business Office - Amravati State Bank of India, **AMRAVATI** 

Date: 03.09.2018



Date: 18.09.2018

#### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Hrushikesh D Bhalerao has doing his Summer internship from 12 June 2018 to 20 July 2018 in Sales Department (Marketing) at Aspa Bandsons Auto Pvt. Ltd. NEXA.

His conduct has been excellent and he has shown full dedication and commitment during his Internship.

We wish him all the best in his future endeavors.

Tti B

ASPA BANDSONS AUTO PVT. LTD.

Authorised Signatory

ASPA BANDSONS AUTO PVT. LTD.
Saturna, Badnera Road, Amravati - 444 605
Mobile - 88058 33333
E-mail ID - aspa.nexa@marutidealers.com
www.nexaexperience.com



क्षेत्रीय व्यवस्थापक, क्षेत्रीय व्यवसाय कार्यालय, एस.की.आय. कॅम्प शाखेजवळ, जुना यायपास रोड, कॅम्प, अमरावती - 444 602 क्षेत्रीय प्रवंधक, क्षेत्रीय व्यवसाय कार्यालय, एस.की.आय. कॅम्प शाखा के पास, जुना वायपास रोड, कॅम्प, अमरावती - 444 602 Regional Manager, Regional Business Office, Near S.B.I. Camp Branch Old Bye-pass Road, Camp, Amaravati - 444 602

Tel.: 0721-2550125 / 2551132 / 2550464 / 2550345 / 2550597/ 2550841 | Fax:0721-2550640, 2551132 | E-mail: agmr5.zong@sbi.co.in

Date:

Ref. No.

## **CERTIFICATE**

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Priyanka Rajkumar Kela, who was pursuing her Master of Business Administration degree in Finance from P.R.Pote (Patil) College of Engg. & Management, Amravati has successfully completed her Summer Internship at our Warud branch from 06.06.2017 to 21.07.2017 in partial fulfillment of requirement for the award of Post Graduate Degree in Business Administration prescribed by the institute.

Her performance was found to be excellent during the period.

We wish her all success in her future career.

Regional Manager

Regional Business Office – Amravati State Bank of India,

AMRAVATI

Date: 25.07.2017



क्षेत्रीय व्यवस्थापक, क्षेत्रीय व्यवसाय कार्यालय, एस.बी.आय. कॅम्प शाखेजवळ, जुना वायपास सेड, कॅम्प, अमरायती - 444 602 क्षेत्रीय प्रवेधक, क्षेत्रीय व्यवसाय कार्यालय, एस.बी.आय. कॅम्प शाखा के पास, जुना वायपास रोड, कॅम्प, अमरायती - 444 602 Regional Manager, Regional Business Office, Near S.B.I. Camp Branch Old Bye-pass Road, Camp, Amaravati - 444 602

Tel.: 0721-2550125 / 2551132 / 2550464 / 2550345 / 2550597/ 2550841 | Fax: 0721-2550640, 2551132 | E-mail: agmr5.zong@sbi.co.in

Date:

Ref. No. RBO-IL/NAG-II/HR/2017-18/.

## **CERTIFICATE**

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Amit Balasaheb Bahalekar, who was pursuing his Master of Business Administration degree in Finance from P.R.Pote (Patil) College of Engg. & Management, Amravati has successfully completed his Summer Internship at our Rukmini Nagar branch from 14.06.2017 to 15.07.2017 in partial fulfillment of requirement for the award of Post Graduate Degree in Business Administration prescribed by the institute.

His performance was found to be excellent during the period.

We wish his all success in his future career.

Regional Manager
Regional Business Office – Amravati
State Bank of India,
AMRAVATI

Date: 25.07.2017



क्षेत्रिय व्यवस्थापक, क्षेत्रिय व्यवसाय कार्यालय, एस.बी.आय. कॅम्प शास्त्रेजवळ, जुना बायपास रोड, कॅम्प, अमरावती-४४४ ६०२. क्षेत्रिय प्रबंधक, क्षेत्रिय व्यवसाय कार्यालय, एस.बी.आय. कॅम्प शास्त्र के पास, जुना बायपास रोड, कॅम्प, अमरावती-४४४ ६०२. Regional Manager, (Regional Business Office) Nr. SBI Camp Branch, Old Bye-pass Road, Camp, Amravati-444602.

室 0721-2550125 / 2551132 / 2550464 / 2550345 / 2550597 / 2550841, Fax: 0721-2550640, 2551132, E-mail:agmr1.zonag@sbi.co.in

Mr. Amit Balasaheb Bahalekar

15.06.2017

Student

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

Jewad Nagar

Near Dasturnagar

Amravati.

RBO-II/NAG-II/HR/2017-18/467

Madam/Sir,

## SUMMER INTERNSHIP PROJECT FOR MBA STUDENTS: 2017-18

With reference to your application, we are happy to inform you that Competent Authority has allowed you to complete summer internship for your work exposure at our **Rukmini Nagar** branch, Dist: Amravati from 15.06.2017 to 14.07.2017.

Please note that you will not be allowed direct access to the Banks CBS/system and no confidential information/data will be shared with you. Only guidance will be given about the project in your concerned field. The Bank (State Bank of India) reserves the right to terminate your internship midway, if any misconduct is observed on your part. Also note, that you will not be eligible for any stipend or allowance or any other remuneration of any kind for the internship done by you at the branch.

The student should arrange to produce their ID card of the college as and when demanded.

Yours faithfully,

Regional Manager



Date: July 6, 2017

#### TO WHOM SOEVER IT MAY CONCERN

This is to certify that Ms. Trusha Nachiket Chopade, Student of P. R. Pote (Patil) College of Engineering and Management Amravati, has successfully completed 1 (One) month Internship programme from 08/06/2017 to 06/07/2017 at D-Crypt (A Division Of Goldmine Advertising Limited) at Mumbai branch in Account Planning Department.

During the period of her internship programme with us, she was found punctual, hardworking and inquisitive.

We wish her all the very success in her future endeavors.

For Goldmine Advertising Ltd.

Akash Tambe

Manager - Human Resource



Corp. Office: "Shivam", Plot No. C1, Erandwane (Anant Unit) Co-op.Hsg. Soc. Ltd., Near Minal Garden Ap

Pune - 411 004, Maharashtra, INDIA.

Ph.:+91 9011201234, Email: mkt@kadsun.com

Web Site: www.kadsun.com

CIN No.: U85100PN2013PTC146302

To,

Whomsoever It May Concern

17<sup>th</sup> July 2017

Mr. Pratik Deepak Dasani, pursuing his MBA Marketing 1st year at P.R Pote (Patil) Education & Welfare Trust's Group of Institutions College of Engineering & Management, Amravati has completed an internship at KadSun Healthcare Pvt. Ltd., Pune from June 5th 2017 to July 15th 2017

## Main Tasks Accomplished:

- 1. Field Working
- 2. Marketing related surveys
- 3. Market analysis and Research on competition

We found him sincere, hardworking, technically sound and result oriented.

He worked well as part of a team during his tenure.

We take this opportunity to thank him and wish him all the best for his future.

For KadSun Healthcare Pvt. Ltd

Mr.Dilip R Joshi

National Saics Manager



## Bank of Maharashtra

(H.O. "Lokmangal" 1501 Shivajinogar, Pune - 411 005)
Zonal Office, Lahanuji nagar, AMRAVATI

\$ 2565588,2678206, 2671452, 2657162 Fax- 0721-2565588

Mail: agmama@mahabank.co.in; ritc\_ama@mahabank.co.in

Website: bankofmaharashtra.in

Ref.:No.AX41/AMR/ST/IR/2015-18

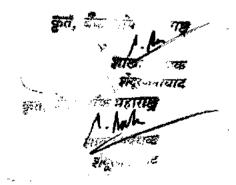
Date: 20.07.2017

#### CERTIFICATE

This is to certify that Miss Bhagyashri Shankarrao Suralkar, a student of M.B.A., P. R. Pote (Patil) College of Engineering & Management Amravati, has completed her Internship in our Shendurjanaghat Branch, Amravati, during the period of 05/06/2017 to 20/07/2017.

Her internship program includes thorough knowledge about financial institution (bank), in which she has completed and acquired thorough knowledge about the same.

We wish her all the Best for her future career.







2017, July July

#### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Mohammad Saddam Mohammad Afzal a student of P R Pote Patil Engineering & Management College, Amravati has successfully completed final summer internship project (SIP) with us from 05<sup>th</sup> 2017 to 20<sup>th</sup> July, 2017.

During the period of his internship, he had exposure to various aspect of Finance in business sector. He displayed commitment, integrity, responsibility and sense of ownership towards the given task and assignment.

we wish him success in his future endeavor.

Con Oxcatech System

memational Finance Manager (Aamir Shaikh)

Augress: Office No. 28, First Floor, Amol Sagar Estate, Poona College Road, Bhavani Peth, Pune - 411002.

www.oxcytech.com Email: info@oxcytech.com Contact: 8605543480



## भारतीय स्टेट बँक भारतीय स्टेट बैंक State Bank of India

र्केनिय व्यवस्थापक, क्षेत्रिय व्यवसाय कार्यालय, एस.बी.आय. कॅम्प शास्त्रेजवक, जुना नायपास रोड, कॅम्प, अमरावती-४४४ ६० क्षेत्रिय प्रबंधक, क्षेत्रिय व्यवसाय कार्यालय, एस.बी.आय. कॅम्प शास्त्रा के पास, जुना वायपास रोड, कॅम्प, अमरावती-४४४ ६० Regional Manager, (Regional Business Office) Nr. SBI Camp Branch, Old Bye-pass Road, Camp, Amravati-44460

☎ 0721-2550125 / 2551132 / 2550464 / 2550345 / 2550597 / 2550841, Fax: 0721-2550640, 2551132, E-mail:agmr1.zonag@sbi.cc

## **CERTIFICATE**

#### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Harshal Prakashrao Dakhare, who was pursuing his Master of Business Administration degree in Finance from P.R.Pote (Patil) College of Engg. & Management, Amravati has successfully completed his Summer Internship at our Shendurjana Ghat branch from 06.06.2017 to 21.07.2017 in partial fulfillment of requirement for the award of Post Graduate Degree in Business Administration prescribed by the institute.

His performance was found to be excellent during the period.

We wish his all success in his future career.

Regional Manager

Regional Business Office - Amravati

State Bank of India,

**AMRAVATI** 

Date: 04.08.2017

## Content

## 1.1.1

Sr. No.	Particulars	Page No.
1	Index	2
2	Cover Page	3
3	Stakeholder's Feedback of MBA Dept.	4-18
4	Stakeholder's Feedback of E&TC Dept.	19-28
5	Action Taken Report	29-30



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

Department of Computer Science and Engineering

#### **Academic Session 2017-2018**

1.4.1Structured feedback analysis obtained for the design and review of syllabus year wise

#### INDEX

Sr. No.	Particular
1	Analysis of Parents Feedback on Curriculum
2	Analysis of Alumni Feedback
3	Analysis of Teachers Feedback
4	Analysis of Students feedback
5	Analysis of Employer feedback

### NAAC Criteria-1 AQAR 2017-18

### **List of Supporting Documents**

Item No.	Content					
1.4.1	Structured stakeholder		received	from	all	the



Department of \_\_\_\_

MBA

#### **Session 2017-18**

#### Analysis of ParentsFeedbackonCurriculum

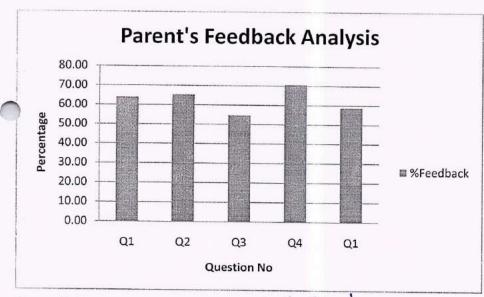
Total No of Sample collected:

30

Date of Analysis:

8/2/2017

Sr.No.	Particulars	% Feedback
1	RatethelearningexperiencegainedbythewardThroughcurricu lumofthecourse	62.00
2	RatethecompetencyofthecurriculumwithrespecttootherUnive rsities	75.33
3	Ratetherelevanceofcurriculumtotheprogram	54.67
4	Ratetheincorporationofrecentchangesoftechnologyinthecurri culum	70.67
5	SatisfactionlevelofcurriculumdesignaspertheRequirementofe mployability/HigherLearning.	58.67



Overall observation: Satisfied.

Key suggestions given:

HOD

P.R. Pote (Patil) College of Engg. & Market Amravati.

Principal Principal

P. R. Pote (Path)
College of Engineering & Managament

Annavan



IQAC Cell

### Session 2017 - 2018

### Parents Feedback on Curriculum

Rate the Particulars by putting tick mark in appropriate cell.

Sr.No	Particulars	High	Moderate	Poor
1 4	Rate the learning experience gained by the ward Through curriculum of the course		and the state of the state of	
2	Rate the competency of the curriculum with respect to other Universities	ä		
	Rate the relevance of curriculum to the program			
4	Rate the incorporation of recent changes of technology in the curriculum			
5	Satisfaction level of curriculum design as per the Requirement of employability/ Higher Learning.			3 % 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

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•	Name & Signature of Parent:	Bhagchand	horwani		7 505
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IQAC Cell

### Session 2017 - 2018

### Parents Feedback on Curriculum

Rate the Particulars by putting tick mark in appropriate cell.

Sr.No	Particulars	High	Moderate	Poor
1 .	Rate the learning experience gained by the ward Through curriculum of the course		4.0.	
2	Rate the competency of the curriculum with respect to other Universities	*		
3	Rate-the relevance of curriculum to the program			200 S
4	Rate the incorporation of recent changes of technology in the curriculum		<u> </u>	
5	Satisfaction level of curriculum design as per the Requirement of employability/ Higher Learning.	, , , , , , , , , , , , , , , , , , ,		

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Department of MBA

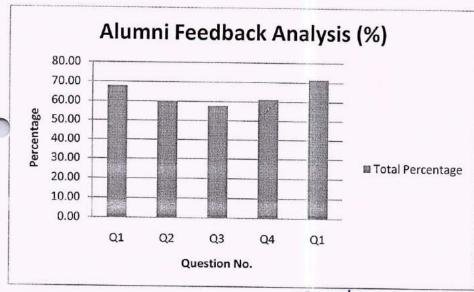
#### Session- 2017-18

### Analysis of Alumni FeedbackonCurriculum

Total No of Sample collected:

Date of Analysis: 10 - 16 - 17

Sr.No	Particulars	% Feedback
1	Curriculummeetspre- requisiteandbasicknowledgerequiredforthecareer.	66.86
2	Use fullness oflearningexperienceincareer.	67.43
3	Electivesofferedinrelationtothetechnologicaladvancements.	72.00
4	Thenewcourses(subjects)Introducedmeetcontemporary(exi sting)requirements.	69.14
5	Designofthecourses(subjects)encourages/motivatesextralea rningorself-learning.	87.43



Overall observation:

Satiesfied.

Key suggestions given:\_

HOD. (MBA Dept.) P.R.Pote (Patil) College of Engg. & Mare. 1 \*\*

Amravati.

Ordege of Engineering & Nectegories



IQAC Cell

Session 2017-18

#### Alumni Feedback on Curriculum

Rate the Particulars by putting tick mark in appropriate cell.

Sr.No	Particulars	High	Moderate	Poor
1	Curriculum meets pre-requisite and basic knowledge required for the career.	V	./	
2	Use fullness of learning experience in career.			
3	Electives offered in relation to the technological advancements.	1		
4	The new courses (subjects) Introduced meet contemporary (existing) requirements.			
5	Design of the courses (subjects) encourages/ motivates extra learning or self-learning.	6		35

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		-	<del>-</del>		
Name & Signature of Alumni:	Paitti	Pandy	<del></del>	······	
Department:	MBA	<del></del>		77 - ma - ma + la +	
Details of Employment:	Ecleax	,			

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IQAC Cell

Session 2017-18

### Alumni Feedback on Curriculum

Rate the Particulars by putting tick mark in appropriate cell.

Sr.No	Particulars	High	Moderate	Poor
1	Curriculum meets pre-requisite and basic knowledge required for the career.		ابار -سرع	
2	Use fullness of learning experience in career.			
3	Electives offered in relation to the technological advancements.	V		A SA
4	The new courses (subjects) Introduced meet contemporary (existing) requirements.	·- · · ·	~	
5	Design of the courses (subjects) encourages/ motivates extra learning or self-learning.		1	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$

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Suggestions for further I	mprovement-	e in the second	Post
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and the season of the season o	·····		7.4.} - के क्टू
	1	The state of the s	-
v		t a marine a service to the	A STATE OF THE STA
Name & Signature of Alumni:	Jagat Jasabana	<del></del>	
Department:	MBA		
Details of Employment:	EPIC Research	<u> </u>	<u> </u>
			<del>- ,</del>



Department of \_\_\_\_MB

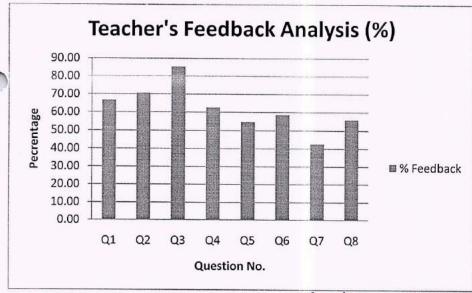
Session2017-18

#### Analysis of Teachers FeedbackonCurriculum

Total No of Sample collected:9

Date of Analysis: 7/02/20187

Sr.No	Particulars	% Feedback
1	Thelearningobjectivesareclearandappropriatetotheprogram.	56.00
2	Thecurriculumandsyllabusarewellorganizedandsuitabletotheprogram.	70.67
3	Thetextbooks/ReferenceBooksare wellsuitedtothecourse.	54.67
4	The system followed by the university for the design and development of curriculum is effective.	65.33
5	Provisiontoupdatecurriculumtimetotime.	54.67
6	Ratethedistributionofcontacthoursamongthecoursecomponents?	55.33
7	Thecurriculumhasagoodbalancebetweentheory and practical.	56.67
8	Ratetheelectivesofferedinrelationtothetechnologicaladvancement s?	60.00



observation:

Satisfied

Key suggestions given:

HOD

H.O.D. (NIEA Dept.)
P.R. Pote (Paul) College of Engg. & Mariagemen

Amravati.

Princip

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

Amravat.

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IQAC Cell

#### Session 2017 - 18

### Teachers Feedback on Curriculum

Rate the Particulars by putting tick mark in appropriate cell.

Sr.No	Particulars	Hìgh	Moderate	Poor
1+	The learning objectives are clear and appropriate to the program.			1.45
2	The curriculum and syllabus are well organized and suitable to the program.			1
3	The textbooks/ Reference Books are well suited to the course.			*
4	The system followed by the university for the design and development of curriculum is effective.		~	
5	Provision to update curriculum time to time.	>.	7 <u>12</u>	
6	Rate the distribution of contact hours among the course components?	~		2.0
-7 -	the curriculum has a good balance between theory and practical.			**************************************
8	Rate the electives offered in relation to the technological advancements?	- , •		<u>Februari</u> 

Suggestions for further Improvement-

(new courses, uncovered topics, obsolete topics, laboratory experiments, software etc.)

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BT B. C.	-	· . ~		
Name & Signature of Teacher:  Department:	Prof. Sanjeev 1	(v. Singh	Thing	
	· · · · · · · · · · · · · · · · · · ·		<del> </del>	



IQAC Cell

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Sessior	-	2017-18
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### Teachers Feedback on Curriculum

Rate the Particulars by putting tick mark in appropriate cell.

Sr.No	Particulars	High	Moderate	Poor
1"	The learning objectives are clear and appropriate to the program.			1200
2	The curriculum and syllabus are well organized and suitable to the program.			**************************************
3 *	The textbooks/ Reference Books are well suited to the course.			7.2
4	The system followed by the university for the design and development of curriculum is effective.			· · · · · · · · · · · · · · · · · · ·
5	Provision to update curriculum time to time.			
6 160 7	Rate the distribution of contact hours among the course components?			
7	theory and practical.			Br.
8	Rate the electives offered in relation to the technological advancements?	,,		FOG

	<u>.                                    </u>	•	***	
No suggestions	!			*;
and a succession	•			••.
				<del>-</del> · <del>- · · · · · · · · · · · · · · · · · </del>
et - Andrews		** *** **		
Name & Signature of Teacher:	. P.w.	Nimbho	10 Kan	<del></del>
Department: IMBA	· · · · · · · · · · · · · · · · · · ·	707000		



Department of MBA

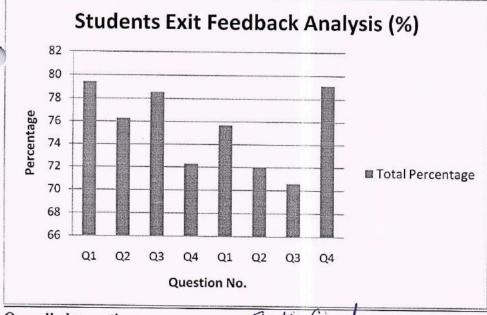
Session: 2017-18

# Analysis of Students Feedback on Curriculum (Design & Review of Syllabus)

Total No of Sample collected: 38

Date of Analysis: 8/15/2017

Sr.No	Particulars	% Feedback			
1	The curriculum is up to date andrelevant from the point of view of employability	70.86			
2	The core courses offer an in-depthexposure to the subject				
3	Pre-requisite courses/ topics arecovered in the curriculum prior to introduction of a course				
4	The courses enhance the analytical/ problem solving/ critical thinking/ innovative skills				
5	Ratetheelectivesofferedinrelationtothetechnologicaladvancements?				
6	Contentofthecoursesencouragesextralearning/self-learning.	69.14			
7	Ratethepercentage(Number)ofcourseshavingpracticalcomponents?				
8	Rate the domain used forDesigning/performingtheexperiments in the laboratory?	74.86			



Overall observation:

Satisfied

Key suggestions given:

MACO MALA Dept )
PRANS (SE) College of English Marketing

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



IQAC Cell

Session 2017-1 8

# Students Feedback on Curriculum (Design & Review of Syllabus)

Rate the Particulars by putting tick mark in appropriate cell.

Sr. No	Particulars	High	Moderate	Poor
1	The curriculum is up to date and relevant from the point of view of employability	······································	~	- N
2 7 7 18	The core courses offer an in-depth exposure to the subject			17
3	Pre-requisite courses/ topics are covered in the curriculum prior to introduction of a course			
4	The courses enhance the analytical/ problem solving/ critical thinking/ innovative skills			
5.	Rate the electives offered in relation to the technological advancements?			•
6	Content of the courses encourages extra learning/self-learning.			· ·
<b>7</b>	Rate the percentage(Number) of courses having practical components?			
	Rate the domain used for Designing/ performing the experiments in the laboratory?			37000

Suggestions for further Improvement- (new courses, uncovered topics, obsolete topics, laboratory)

	At Leonni bouse.	ng should	be more	a ctivity.
.,		:	mo.	· · · — · · · · · · · · · · · · · · · ·
Name & Sign	ature of Student:	Paryanka	Aware	- N
Department:	MBA.		Year & Semester:	gem IV 2017-18



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

**IQAC** Cell

Session 2017 - 18

# Students Feedback on Curriculum (Design & Review of Syllabus)

Rate the Particulars by putting tick mark in appropriate cell.

Sr. No	Particulars	High	Moderate	Poor
1	The curriculum is up to date and relevant from the point of view of employability		~	***************************************
2	The core courses offer an in-depth exposure to the subject	1		43
3	Pre-requisite courses/ topics are covered in the curriculum prior to introduction of a course.	<u> </u>		
4	The courses enhance the analytical/problem solving/critical thinking/innovative skills			
5.	Rate the electives offered in relation to the technological advancements?		. 1	<del></del>
6	Content of the courses encourages extra learning/self-learning.		Kir s. eu, fe L	
7	Rate the percentage(Number) of courses having practical components?	1	,	· · · · · · · · · · · · · · · · · · ·
8	Rate the domain used for Designing/ performing the experiments in the laboratory?			

Suggestions for further Improvement- (new courses, uncovered topics, obsolete topics, laboratory)

Syllabus Should	be up	dated at stea	ific Interval.
	;		
Name & Signature of Student: Department: MBA	Model		ples -
TOP		Year & Semester:	2017-18



Department of _	MBA
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Session: 2017-18

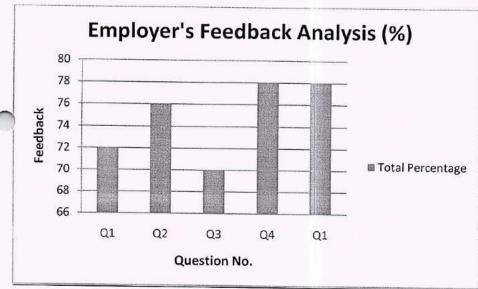
# Analysis of Employers Feedback on Curriculum (Design & Review of Syllabus)

Total No of Sample collected:10

Date of Analysis:

8/7/2017

Sr.No	Particulars	% Feedback
1	The curriculum prepares the graduate to deliver technical services as per industry requirements.	52
2	The graduate has an in-depth exposure to the core courses	78
3	The graduates have adequate practical exposure for undertaking real time projects	50
4	The graduates have necessary soft skills and are successful team players.	76
5	The graduates are capable of continuously upgrading their skill set to meet the industry demands from time to time.	58



Overall observation:		Satiesfied	in	a)1	as Pects.
Key suggestions given:	ilo.				06

H.O.D. (MBA Dept.)
P.R.Pote (Patil) College of Engg. & Managemen.
Amravati.

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P. R. Pots (Park)
College of Engineering & Maxiegome
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# P. R. Pote (Patil) College of Engineering & Management (PRPCEM), Amravati

IQAC Cell

Session 2017-18 (MBA)

### Employer Feedback on Curriculum

Rate the Particulars by putting tick mark in appropriate cell.

Sr.No	Particulars	High	Moderate	Poor
1	The curriculum prepares the graduate to deliver technical services as per industry requirements.	V		
2	The graduate has an in-depth exposure to the core courses		1. V. 2.	
3	The graduates have adequate practical exposure for undertaking real time projects			
4	The graduates have necessary soft skills and are successful team players.		~	-
5	The graduates are capable of continuously upgrading their skill set to meet the industry demands from time to time.	1	t	

ui's.		
* · · · · · · · · · · · · · · · · · · ·		
Indostry Requ	should be preparent	ned according to
Name & Signature of the Er	nployer: Ms. Clinton M.	athanda
Designation:	Manager Requitment To	clamps Acardistance
Name of Company:	Metho global	Business service pyt-tod
Feedback perfaining to En	ployee (Name of Employee:	tash Jain



IQAC Cell

Session\_2017-18 (MBA)

### **Employer Feedback on Curriculum**

Pou:

Rate the Particulars by putting tick mark in appropriate cell.

				40
Sr.No.	Particulars	High	Moderate	Poor
1	The curriculum prepares the graduate to deliver technical services as per industry requirements.		L-	
2	The graduate has an in-depth exposure to the core courses		- Esp.	Y <sub>4</sub> 2.
3	The graduates have adequate practical exposure for undertaking real time projects	<del> </del>		**, \
4	The graduates have necessary soft skills and are successful team players.	1		4
5	The graduates are capable of continuously upgrading their skill set to meet the industry demands from time to time.	:	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

	1	•	•	• • •
				<u> </u>
Focus should be give	er on Fract	ical learner		
		(	)	
- 4 m40 r =	·			
	i .			,
Name & Signature of the Employe	er: M.L. Bayan	Tawan-		
Designation:	Executive	HR	······································	
Name of Company:	TREO Fre.	Pvt. Ltd,		
Feedback pertaining to Employe	e (Name of Employee	Tagat	Jasapan	
3			sugar.	
	1			1 1



Department of Electronics & Telecommunication

#### Session 2017-18

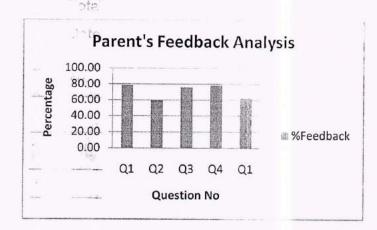
#### Analysis of Parents Feedback on Curriculum

Total No of Sample collected:

15

Date of Analysis: 10/04/2018

Sr.No.	Particulars	% Feedback
1	Rate the learning experience gained by the ward Through curriculum of the course	78.67
2	Rate the competency of the curriculum with respect to other Universities	60.00
3 -	Rate the relevance of curriculum to the program	76.00
4	Rate the incorporation of recent changes of technology in the curriculum	78.67
5	Satisfaction level of curriculum design as per the Requirement of employability/ Higher Learning.	62.67



Overall observation: Satisfactory Response

Key suggestions given:\_\_

**Dean Academics** 

College of Engineering & Management Amravati.

P.R.Pote (Patil) College of Engg. & Management

Amravati.



IQAC Cell

Session 2017-18

#### Parents Feedback on Curriculum

Rate the Particulars by putting tick mark in appropriate cell.

Sr.No	Particulars	High	Moderate	Poor
i	Rate the learning experience gained by the ward Through curriculum of the course		/	
2	Rate the competency of the curriculum with respect to other Universities	/		
3	Rate the relevance of curriculum to the program			44
4	Rate the incorporation of recent changes of technology in the curriculum			
5	Satisfaction level of curriculum design as per the Requirement of employability/ Higher Learning.	/		

No suggestion	ns			
				, , , ,
Name & Signature of Parent:	Raju	Narayanrao	Gawande	Ands



Department of Electronics & Telecommunication

Session: 2017-18

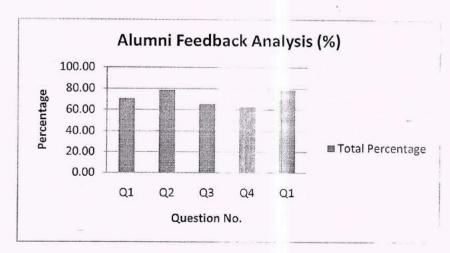
### Analysis of Alumni Feedback on Curriculum

15

Total No of Sample collected:

Date of Analysis: 08/05/2018

Sr. No	Particulars	% Feedback
1	Curriculum meets pre-requisite and basic knowledge required for the career.	70.67
2	Use fullness of learning experience in career.	78.67
3	Electives offered in relation to the technological advancements.	65.33
4	The new courses (subjects) Introduced meet contemporary (existing) requirements.	62.67
5	Design of the courses (subjects) encourages/ motivates extra learning or self-learning.	78.67



Overall observation:	Satistactory	in all	respects.	
Key suggestions given:_				

H.O.D. (EXTC Dept.)

"P Pote (Patil) College of Engr. & Management
Amravati.

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

rincipal

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IQAC Cell

Session 2017-18

#### Alumni Feedback on Carriculum

Rate the Particulars by putting tick mark in appropriate cell.

Sr.No	Particulars	High	Moderate	Poor
1	Curriculum meets pre-requisite and basic knowledge required for the career.	/		
2	Use fullness of learning experience in career.	/		
3	Electives offered in relation to the technological advancements.		/	
4	The new courses (subjects) Introduced meet contemporary (existing) requirements.	/		
5	Design of the courses (subjects) encourages/ motivates extra learning or self-learning.	/		

No.	
N. O. Gi	
Name & Signature of Alumni:	Jeevan V. Sarvele
Department:	EXTC
Details of Employment:	Aricent Technologies, Banglury



Department of Electronics & Telecommunication

Session: 2017-18

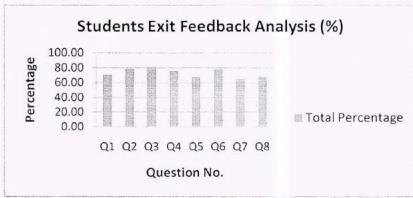
### Analysis of Students Feedback on Curriculum (Design & Review of Syllabus)

Total No of Sample collected: 1

15

Date of Analysis: 11/04/2018

Sr. No	Particulars	% Feedback
1	The curriculum is up to date and relevant from the point of view of employability	70.67
2	The core courses offer an in-depth exposure to the subject	78.67
3	Pre-requisite courses/ topics are covered in the curriculum prior to introduction of a course	81.33
4	The courses enhance the analytical/ problem solving/ critical thinking/ innovative skills	76.00
5	Rate the electives offered in relation to the technological advancements?	68.00
6	Content of the courses encourages extra learning/ self-learning.	78.67
7	Rate the percentage(Number) of courses having practical components?	65.33
8	Rate the domain used for Designing/ performing the experiments in the laboratory?	68.00



Overall observation:

Satisfactory

Key suggestions given:\_\_

> Shall increase library

ity examinations

Principal

P. R. Mote (Path)

Critege of Engl. Saring & Management

Amirona

HOD (EXTC Dept.)

P.R. Pote (P.M.) College of Engg. & Manager:
American

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**IQAC** Cell

Session 2017-18

### Students Feedback on Curriculum (Design & Review of Syllabus)

Rate the Particulars by putting tick mark in appropriate cell.

Sr. No	Particulars	High	Moderate	Poor
1	The curriculum is up to date and relevant from the point of view of employability	<b>√</b>		
2	The core courses offer an in-depth exposure to the subject	~		
3	Pre-requisite courses/ topics are covered in the curriculum prior to introduction of a course	✓		
4	The courses enhance the analytical/ problem solving/ critical thinking/ innovative skills	/		
5	Rate the electives offered in relation to the technological advancements?	/		
6	Content of the courses encourages extra learning/self-learning.		<b>✓</b>	
7	Rate the percentage(Number) of courses having practical components?			
8	Rate the domain used for Designing/ performing the experiments in the laboratory?	/		

Suggestions for further Improvement- (new courses, uncovered topics, obsolete topics, laboratory)

			, but need	extra	Library
hours	during 1	university	exams.		/
Name & Signati	are of Student:	Mr. Dat	tatoay P. Mi	hod	
					th yr sem-8



Department of Electronics & Telecommunication

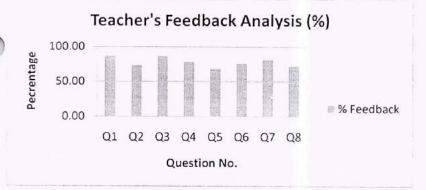
#### Session 2017-18

#### Analysis of Teachers Feedback on Curriculum

Total No of Sample collected: 15

Date of Analysis: 18/04/2018

Sr.No	Particulars	% Feedback	
1	The learning objectives are clear and appropriate to the program.	86.67	
2	The curriculum and syllabus are well organized and suitable to the program.	73.33	
3	The textbooks/ Reference Books are well suited to the course.	86.67	
4	The system followed by the university for the design and development of curriculum is effective.	78.67	
5	Provision to update curriculum time to time.	68.00	
6	Rate the distribution of contact hours among the course components?	76.00	
7	The curriculum has a good balance between theory and practical.	81.33	
8	Rate the electives offered in relation to the technological advancements?	72.00	



5'atisfactor Overall observation:

Key suggestions given:

H.O.D. (EXTC Dept.)

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

College of Engl. saring & Management



IQAC Cell

#### Session\_2017-18

#### Teachers Feedback on Curriculum

Rate the Particulars by putting tick mark in appropriate cell.

Sr.No	Particulars	High	Moderate	Poor
1	The learning objectives are clear and appropriate to the program.	/		
2	The curriculum and syllabus are well organized and suitable to the program.	1		
3	The textbooks/ Reference Books are well suited to the course.	/		
4	The system followed by the university for the design and development of curriculum is effective.	~		
5	Provision to update curriculum time to time.	/		
6	Rate the distribution of contact hours among the course components?			
7	The curriculum has a good balance between theory and practical.	<b>/</b>		
8	Rate the electives offered in relation to the technological advancements?	/		

Suggestions for further Improvement-

(new courses, uncovered topics, obsolete topics, laboratory experiments, software etc.)

No Suggestions			
		(	
Name & Signature of Teacher:	P. N. Pusdekar	John .	
Department: EXTC		)	



Department of Electronics & Telecommunication

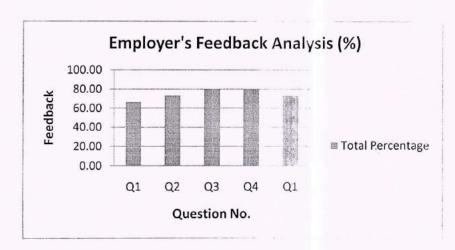
Session: 2017-18

# Analysis of Employers Feedback on Curriculum (Design & Review of Syllabus)

Total No of Sample collected:

Date of Analysis: 25/04/2018

Sr.No	Particulars	% Feedback
1	The curriculum prepares the graduate to deliver technical services as per industry requirements.	66.67
2	The graduate has an in-depth exposure to the core courses	73.33
3	The graduates have adequate practical exposure for undertaking real time projects	80.00
4	The graduates have necessary soft skills and are successful team players.	80.00
5	The graduates are capable of continuously upgrading their skill set to meet the industry demands from time to time.	73.33



Overall observation: Satisfactory

Key suggestions given: MO —

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H.O.D. (EXTC Dept.)

R.Pote (Patil) College of Engg. & Management
Amravati.

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College of Engineering & Management Amravall.



IQAC Cell

Session 2017-18

### Employer Feedback on Curriculum

Rate the Particulars by putting tick mark in appropriate cell.

Sr.No	Particulars	High	Moderate	Poor
1	The curriculum prepares the graduate to deliver technical services as per industry requirements.	<b>/</b>		
2	The graduate has an in-depth exposure to the core courses		/	
3	The graduates have adequate practical exposure for undertaking real time projects	~		
4	The graduates have necessary soft skills and are successful team players.	V		
5	The graduates are capable of continuously upgrading their skill set to meet the industry demands from time to time.	~		***   **** - *   * *****

No suggestions	-	
	А	
Name & Signature of the Employer:	Mr Roshan Churp	Como
Designation:	Resource Manager	,,
Name of Company:	Newsoft Technologies	
Feedback pertaining to Employee (N	lame of Employee: MS. Bhavika	Bhise )

#### Activity/ Feedback Action Taken Report Format

The Action Taken Report (ATR) is compiled after completion of activities. Activities may include, meetings, feedback collected and analyzed. It states the various actions based on the discussions/responses. It is usually submitted after a time gap. This ensures that there is adequate time to act on the matters discussed in the report.

#### ATR For Subject Faculty Feedback:

- Decide the threshold value where action taken report is generated.
- Action taken measures may be for feedback received above and below the threshold value of Feedback.
- Under action taken- Appreciation letter, show cause letters to be mentioned
- Action taken statement to be prepared for the competent authority for example "Feedback is communicated to competent authority"
- Action taken is suggested from Head of Department to the individual faculty for example "The teachers were advised to strengthen the areas of concern highlighted in the student feedback report by attending concerned refresher programs, STTPs, FDPs etc."

#### ATR For Activity Feedback:

- Decide the threshold value where action taken report is generated.
- Action taken measures may be for feedback received above and below the threshold value of Feedback.
- Action taken statement to be prepared for the competent authority for example "Feedback is communicated to competent authority"
- Action taken is suggested from Head of Department/ Activity in charge for the participant's issues raised/suggestions/lower attainment of questions.

### Action Taken Report

Name of Department/Facility: Electronics & Telecommunication Engineering

Name of Activity: Analysis of Student Feedback on Curriculum

Feedback Taken on: 05/04/2018 Feedback Analyzed on: 11/04/2018

SN	Participant's issues raised/suggestions/lower attainment of questions	Observations	Action Taken
1.	Participant's suggestion regarding increase in library hours during university examination.		Issue Conveyed to Library office

Feedback Committee Coordinator

HOD/IQAC Coordinator

H.O.D. (EXTC Dept.) P. R. Pote (Patil) r. in. Pote (Patil) College of Engg. & Management Amiavaff. Amravati.

### NAAC Criteria-1 AQAR 2017-18

### **List of Supporting Documents**

Item No.	Content	
1.4.2	How the feedback obtained is being analyzed and utilized for overall development of the institution	

#### 1.4.2

#### **Feedback Process followed by the Departments**

Institute has a mechanism of obtaining feedback from students and stakeholders on curriculum. The institute takes regular feedback from industry, alumni, students, and parents.

The feedback from the students regarding the faculty, facilities and other entities are taken once in a semester.

The feedback from the students regarding faculty, facilities and other entities are taken at the end of semester. Detail analysis of this feedback is carried out. Also faculty collects the feedback and problems of students during counseling meetings. They report it to HOD. HoDs and Vice Principal convey this information to the Principal. In the meeting of the Principal with the management, this information is discussed. Based on these discussions, activities are revised. Periodic meetings with alumni, parents, students and staff ensure that all the stakeholders are aware of the college activities.

Feedback from other stakeholders i.e. alumni, parents, employer is collected once in a year. Analysis of this feedback is carried out. Based on received feedback, the Institution takes corrective measures to improve its performance. The comments of stakeholders are also communicated to University authorities through workshops, meeting of Dean, Vice Chancellor, and officers of Academic Council. The faculty who is involved in curriculum development gives the feedback to the core group formed by the University.

Head of Department

H.O.D. (EXTC Dept.)

PEr Fote (Paril) College of Engg. & Management

Amravati.

Principal

P. R. Pote (Patil)
College of Engl \*.aring & Management

Amravall