# SSR-Corrigendum

For

# Institutional Assessment & Accreditation Submitted to National Assessment and Accreditation Council (NAAC)



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

### College of Engineering and Management

Pote Estate, Kathora Road, Amravati.

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March 2017

#### 1. Profile of the Affiliated / Constituent College

#### 20. Number of teaching and non-teaching positions in the Institution

Positions	Teaching faculty					Non-		Tecl	nnical	
	Prof	essor	or Associate		Assistant		teaching		staff	
			Profe	essor	Professor		Staff			
	*M	*F	*M	*F	*M	*F	*M	*F	*M	*F
Sanctioned by the										
UGC / University	02	01	09	01	27	14	00	00	00	00
/State Government	02	01	09	01	21	14	00	00	00	00
Recruited										
			As pe	r adver	tisemei	nt				
Sanctioned by the				C	ollege l	Level Re	egular			
Management/	02	01	00	00	25	13	25	01	35	00
society or other	02	01	00	00	23	13	23	01	33	00
authorized bodies					I	Adhoc				
Recruited										
	00	00	00	00	43	29	42	3	10	00

<sup>\*</sup>M-Male \*F-Female

#### 21. Qualifications of the teaching staff:

Highest	Pro	Professor		Associate Professor		Assistant Professor			
qualification	Male	Female	Male	Female	Male	Female			
		Per	rmanent	teachers					
D.Sc./D.Litt.	00	00	00	00	00	00	00		
Ph.D.	02	01	03	01	01	02	10		
M.Phil.	00	00	00	01	03	02	06		
PG	00	00	06	00	41	16	63		
		Tei	mporary	teachers					
Ph.D.	02	01	00	00	02	01	06		
M.Phil.	00	00	00	00	00	00	00		
PG	00	00	00	00	48	34	82		
	Part-time teachers								
Ph.D.	00	00	00	00	00	00	00		
M.Phil.	00	00	00	00	00	00	00		
PG	00	00	00	00	00	00	00		

#### 24. Details on students enrolment in the college during the current academic year:

Type of students	UG	PG	M. Phil.	Ph.D.	Total
Students from the same	617	112			729
state where the college is located	017	112			12)
Students from other states of India					
NRI students					
Foreign students					
Total					

#### 31. Number of working days during the last academic year. – 222

#### 32. Number of teaching days during the last academic year -184

(Teaching days means days on which lectures were engaged excluding the examination days)

#### **CRITERION-I**

#### **CURRICULAR ASPECTS**

#### 1.1 Curriculum Planning and Implementation

1.1.6 What are the contributions of the Institution and/ or its staff members to the development of the curriculum by the University? (Number of staff members/ departments represented on the Board of Studies, student feedback, teacher feedback, stakeholder feedback provided, specific suggestions etc.)

#### Ans:

Following teachers are actively involved in curriculum development workshops and have given suggestions as per the feedback received from stakeholders.

Name of faculty	Curriculum Revision Workshop	Subject
	Chairmen of B.O.S. of SGBAU.	Applied sciences and humanities
Dr. D. G. Wakde	Member of Academic Council SGBAU.  Member of Faculty of Engineering and Technology SGBAU.  Ex Dean Faculty of Engineering and Technology SGBAU.	
Dr. S. D. Wakde	Member of B.O.S. of SGBAU.	Applied sciences and humanities
Dr. S. B. Warkad	Workshop on "Curriculum Review" at Ramdeobaba Kamala Nehru College of Engineering & Management, Nagpur	Electrical Engineering
Prof. R. D. Ghongade	Workshop on "Curriculum Review" organized by Jawaharlal Darda Institute of Technology, Yavatmal on 27 <sup>th</sup> June 2014.  One day Workshop on "Scheme updation of the programmes in Board of Studies (Electronics Engg.)" organized by Department of Electronics and Telecommunication, SSGMC, Shegaon on 30 <sup>th</sup> Dec. 2015	Electronics & Telecommunication Engg.  Electronics & Telecommunication Engg.
Prof. G. D. Dalvi	Workshop on "Curriculum Review" organized by Jawaharlal Darda Institute of Technology, Yavatmal on 27 <sup>th</sup> June 2014.  One day Workshop on "Scheme updation of the programmes in Board of Studies (Elctronics Engg.)" organized by	Electronics & Telecommunication Engg. Electronics & Telecommunication Engg.

	Department of Electronics and Telecommunication, SSGMC, Shegaon on 30 <sup>th</sup> Dec. 2015	
	One day workshop on "Syllabus finalization of the program in Board of Studies (Electronics Engg.)" on 13 <sup>th</sup> August 2016 at Mauli College of Engg, Shegaon.	Electronics & Telecommunication Engg.
Prof. P. N. Pusdekar	One day Workshop on "Scheme updation of the programs in Board of Studies (Electronics Engg.)" organized by Department of Electronics and Telecommunication, SSGMC, Shegaon on 30 <sup>th</sup> Dec. 2015	Electronics & Telecommunication Engg.
Prof. S. P. Bhonge	One day workshop on "Scheme Updation and Syllabus Restructuring of the Programs in Board of Studies (Electronics Engg.) SGB Amravati University" on 28 <sup>th</sup> April 2016 at PRMIT & R, Amravati.	Electronics & Telecommunication Engg.
Prof. P. N. Pusdekar	One day workshop on "Scheme Updation and Syllabus Restructuring of the Programs in Board of Studies (Electronics Engg.) SGB Amravati University" on 28 <sup>th</sup> April 2016 at PRMIT & R, Amravati.	Electronics & Telecommunication Engg.
Prof. A. U. Trivedi	One day workshop on "Syllabus finalization of the program in Board of Studies (Electronics Engg.)" on 13 <sup>th</sup> August 2016 at Mauli College og Engg, Shegaon.	Electronics & Telecommunication Engg.
	Workshop on "Curriculum Review" organized by Jawaharlal Darda Institute of Technology, Yavatmal on 27th June 2014.	Electronics & Telecommunication Engg.
Prof. U. W. Hore	One day Workshop on "Scheme updation of the programmes in Board of Studies (Elctronics Engg.)" organized by Department of Electronics and Telecommunication, SSGMC, Shegaon on 30 <sup>th</sup> Dec. 2015	Electronics & Telecommunication Engg.
	One day workshop on "Syllabus finalization of the program in Board of Studies (Electronics Engg.)" on 13 <sup>th</sup> August 2016 at Mauli College of Engg, Shegaon.	Electronics & Telecommunication Engg.
Prof. A. P. Dhande	One day workshop on "Syllabus finalization of the program in Board of Studies (Electronics Engg.)" on 13 <sup>th</sup> August 2016 at	Electronics & Telecommunication Engg.

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	Mauli College og Engg, Shegaon.	
	One day workshop on "Scheme Updation and Syllabus Restructuring of the Programs in Board of Studies (Electronics Engg.) SGB Amravati University" on 28 <sup>th</sup> April 2016 at PRMIT & R, Amravati.	Electronics & Telecommunication Engg.
Prof. V. B. Gadicha	One day workshop on "Scheme Updation and Syllabus Restructuring of the Programs in Board of Studies	Computer Science
Prof. K. K. Chhajed	One day workshop on "Scheme Updation and Syllabus Restructuring of the Programs in Board of Studies	Computer Science
Prof. K. B. Bijwe	One day workshop on "Scheme Updation and Syllabus Restructuring of the Programs in Board of Studies	Computer Science
Prof. P. V. Kale	One day workshop on "Scheme Updation and Syllabus Restructuring of the Programs in Board of Studies	Computer Science
Prof. P. B. Sambare	One day workshop on "Scheme Updation and Syllabus Restructuring of the Programs in Board of Studies	Computer Science
Prof. P. D. Sone	One day workshop on "Scheme Updation and Syllabus Restructuring of the Programs in Board of Studies	Computer Science
Dr. Nilima Kalambe	One day workshop on "Scheme Updation and Syllabus Restructuring on 20 <sup>th</sup> July 2017	Chemistry
Dr. Amol D.Bhoyar	One day workshop on "Scheme Updation and Syllabus Restructuring on 20 <sup>th</sup> July 2017	Chemistry
Sarika Bhojane	One day workshop on "Scheme Updation and Syllabus Restructuring on 20 <sup>th</sup> July 2017	Mathematics
Mr. G. B. Malviya	One day workshop on "Scheme Updation and Syllabus Restructuring on 20 <sup>th</sup> July 2017	Mathematics
Ms. Shilpa A. Khapare	One day workshop on "Scheme Updation and Syllabus Restructuring on 20 <sup>th</sup> July 2017	Mathematics
Dr. Nilesh R. Thakare	One day workshop on "Scheme Updation and Syllabus Restructuring on 20 <sup>th</sup> July 17	Physics
Mr. Yogesh Vyawahare	One day workshop on "Scheme Updation and Syllabus Restructuring on 20th July 17	Chemistry
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Mr.Hemant R. Dhanbhar	One day workshop on "Scheme Updation and Syllabus Restructuring on 20 <sup>th</sup> July 17	Chemistry
Sarika P. Shahare	One day workshop on "Scheme Updation and Syllabus Restructuring on 20 <sup>th</sup> July 17	Mathematics
Ms. Jyotsna S. Wath	Ms. Jyotsna S. Wath One day workshop on "Scheme Updation and Syllabus Restructuring on 20 <sup>th</sup> July 17	
Ms. Sheetal S. Nerkar	One day workshop on "Scheme Updation and Syllabus Restructuring on 20 <sup>th</sup> July 17	Mathematics
Dr. Smita A. Patil	One day workshop on "Scheme Updation and Syllabus Restructuring on 20 <sup>th</sup> July 17	Physics
Ms. Simi S. Khan	One day workshop on "Scheme Updation and Syllabus Restructuring on 20 <sup>th</sup> July 17	Mathematics
Mr. Kundan S. Lilhare	One day workshop on "Scheme Updation and Syllabus Restructuring on 20 <sup>th</sup> July 17	Mathematics
Manisha Golchha	One day workshop on "Scheme Updation and Syllabus Restructuring on 20 <sup>th</sup> July 17	Physics

#### 1.2 Academic Flexibility

- 1.2.3 Give details on the various institutional provisions with reference to academic flexibility and how it has been helpful to students in terms of skills development, academic mobility, progression to higher studies and improved potential for employability. Issues may cover the following and beyond:
  - Range of Core / Elective options offered by the University and those adopted by the college.
  - Choice Based Credit System and range of subject options.
  - Courses offered in modular form.
  - Lateral and vertical mobility within and across programmes and courses.
  - Enrichment courses.

#### **Ans:** Summary of Direct Second Year Admitted students:

Sr. No.	Academic Year	Number of Direct Second
51. 140.	Academic Tear	Year Admissions
01	2014-15	198
02	2015-16	237
03	2016-17	202
04	2017-18	166

#### Summary of students who availed Change of Branch facility

Sr.	Academic	Number of Students availed
No.	Year	the Change of Branch Facility
01	2012-13	18
02	2013-14	21
03	2014-15	23
04	2015-16	19
05	2016-17	20
06	2017-18	15

#### Criteria-II

#### **Teaching – Learning and Evaluation**

#### 2.1 Student enrollment and profile

2.1.3 Give the minimum and maximum percentage of marks for admission at entry level for each of the programs offered by the college and provide a comparison with other colleges of the affiliating university within the city/district.

**Ans.:** Details of the minimum and maximum marks of admitted students along with comparison are given in Table below.

#### B. E. First Year

Sr.	Programme	Year of	Maximum	Maximum CET/combine score			Minimum CET/combine score			
No	1 Togi amme	Admission	PRPCE&M	PRPCET	GHRCEM	PRPCE&M	PRPCET	GHRCEM		
1	EPS		90	102	74	45	51	32		
2	MECH		100		70	47		30		
3	EXTC	2013-14	88	70	66	54	32	32		
4	CSE		78	80	56	22	21	24		
5	CIVIL		80	95	82	45	41	25		
6	EPS		66	54	24	35	26	9		
7	MECH		68		43	17		17		
8	EXTC	2014-15	63	42	43	3	18	15		
9	CSE		50	49	42	25	18	9		
10	CIVIL		61	70	42	34	28	18		
11	EPS		60	48	42	29	25	4		
12	MECH		65		49	11		18		
13	EXTC	2015-16	47	28	29	12	10	10		
14	CSE		48	59	42	12	20	17		
15	CIVIL		64	57	71	22	26	22		
16	EPS		65	60	48	30	53	5		
17	MECH		66		60	41		42		
18	EXTC	2016-17	56	39	100	40	5	64		
19	CSE		60	60	57	15	43	48		
20	CIVIL		69	65	60	45	37	55		

21	EPS		91	-	66	41	-	25
22	MECH		88	-	40	75	-	24
23	EXTC	2017-18	82	-	65	21	-	43
24	CSE		90	-	82	37	-	47
25	CIVIL		97	-	92	50	-	45

#### M. E.

Sr. No.	Branch	Academic year	Maximum GATE/CET marks	Minimum GATE/CET marks	Maximum Inst. Level exam / B.E. score	Minimum Inst. Level exam / B.E. score
1	EPS		190 (41)	31	69.50	22.00
2	Thermal	2013-14	46.00	25.00	72.00	64.71
3	EXTC	2013-14	41.00	31.00	73.62	58.54
4	CSE		49.00	35.00	68.96	58.36
5	EPS		18.83	3.98	72.07	57.85
6	Thermal	2014-15	20.88	1.30	82.10	67.86
7	EXTC	2014-13	18.76	1.60	70.00	51.50
8	CSE		9.85	2.51	65.26	59.00
9	EPS		12.50	8.06	81.28	51.00
10	Thermal	2015-16	23.26	3.71	68.29	68.14
11	EXTC	2013-10	17.04	11.82	75.36	58.58
12	CSE		11.02	-	67.00	56.85
13	EPS		12.47	3.93	9.51	9.51
14	Thermal	2016-17	13.75	3.29	6.79	6.79
15	EXTC	2010-17	9.71	7.59	-	-
16	CSE		11.04	3.15	-	-
17	EPS		17.43	8.53	69.50	22.00
18	Thermal	2017-18	10.18	3.18	72.00	64.71
19	EXTC	2017-10	6.18	2.94	75.36	58.58
20	CSE		11.66	0.25	67.00	56.85

2.1.6 Provide the following details for various Programs offered by the Institution during the last four years and comment on the trends, i.e. reasons for increase / decrease and actions initiated for improvement.

**Ans.:** The following Table shows the details for various Programs offered by the Institution during the last five years.

UG

Name of Program	Academic year	Intake Capacity (A)	No. of student admitted (B)	Demand ratio (B/A)
	2013-14	60	61	1
	2014-15	60	61	1
Electrical Engineering	2015-16	60	63	1
	2016-17	60	60	1
	2017-18	60	52	0.86
Electrical	2013-14	60	40	0.66
Engineering	2014-15	60	35	0.58
Linginicorning	2015-16	60	60	1
	2016-17	60	54	0.9
(2 <sup>nd</sup> Shift)	2017-18	60	45	075
	2013-14	120	126	1
	2014-15	120	126	1
Mechanical Engineering	2015-16	120	126	1
	2016-17	120	122	1
	2017-18	120	113	0.94
	2013-14	60	59	1
Electronics &	2014-15	60	62	1
Telecommunication	2015-16	60	39	0.61
Engineering	2016-17	60	26	0.41
	2017-18	60	47	0.78
	2013-14	120	93	0.73
Commutan Coionas 0-	2014-15	120	75	0.59
Computer Science & Engineering	2015-16	120	102	0.80
Engineering	2016-17	120	107	0.84
	2017-18	120	118	0.98
	2013-14	60	56	0.88
	2014-15	60	63	1
Civil Engineering	2015-16	60	63	1
	2016-17	60	62	1
	2017-18	60	62	1

#### **Post Graduate:**

Name of Program	Academic year	Intake Capacity (A)	No. of student admitted (B)	Demand ratio (B/A)
	2012-13	24	24	1
	2013-14	24	24	1
M. E. (Electrical Power system	2014-15	24	24	1
Engineering)	2015-16	24	15	0.625
	2016-17	24	06	0.25
	2017-18	24	15	0.625
	2012-13	24	24	1
	2013-14	24	24	1
M. E. (Thormal Engineering)	2014-15	24	24	1
M. E. (Thermal Engineering)	2015-16	24	10	0.416
	2016-17	24	04	0.166
	2017-18	24	03	0.125
	2013-14	30	30	1
M. E. (Electronics &	2014-15	30	30	1
Telecommunication	2015-16	30	16	0.53
Engineering)	2016-17	30	02	0.066
	2017-18	30	03	0.1
	2013-14	30	30	1
M. E. (Computer Science & Engineering)	2014-15	30	30	1
	2015-16	30	09	0.3
	2016-17	30	06	0.2
	2017-18	30	08	0.266

#### 2.2 Catering To Student Diversity

2.2.3 What are the strategies adopted by the Institution to bridge the knowledge gap of the enrolled students (Bridge/Remedial/ Add-on/Enrichment Courses, etc.) to enable them to cope with the programme of their choice?

#### Ans:

Sr. No.	PROGRAMMES ORGNISED	NUMBERS
1	Soft Skills	20
2	Workshops	44
3	Technical Festivals (eg.Techelons)	07

#### 2.4 Teacher Quality

2.4.1 Provide the following details and elaborate on the strategies adopted by the college in planning and management (recruitment and retention) of its human resource (qualified and competent teachers) to meet the changing requirements of the curriculum.

#### Ans.:

#### **Recruitment strategies**

**Recruitment of faculty** is as per AICTE norms. Applications are invited from the desirable candidates upon the approval of advertisement from the University. The Vice Chancellor appoints the committee consisting of experts and this committee for the scrutinized candidates conducts interviews.

However, for appointments on ad-hoc basis, applications are invited through advertisement in newspaper and the local selection committee identifies desirable candidates after conducting demo lectures and interviews.

#### **Retention strategies**

- Institute has time bound and performance based promotion policy.
- Institute deputes faculty for higher studies as well as for attending/participating conferences, workshops etc.
- Institute encourages staff members for the membership of professional bodies.
- Employee welfare facility that includes group insurance, medi-claim, gratuity.

Following table shows the details of staff of the Institute:

Highogt	Professor		Associate Assistan		istant	Total	
Highest Qualification	1101	essui	Professor		Professor		Total
Qualification	Male	Female	Male	Female	Male	Female	
	Permanent Teachers						
Ph.D.	02	01	03	01	01	02	10
PG	00	00	06	01	44	18	69
	Temporary Teachers						
Ph.D.	02	01	00	00	02	01	06
PG	00	00	00	00	48	34	82

- 2.4.3 Providing details on staff development programs during the last four years elaborate on the strategies adopted by the Institution in enhancing the teacher quality.
  - a) Summary of staff development programs

Academic Faculty member Development Programs	Number of faculty nominated
Refresher course	02
HRD programmes	174
Orientation programmes	37
Staff training conducted by the university	03
Staff training conducted by other institutions	46
Summer / winter schools, workshops, STTP,FDP etc.	207

b)

Few of the Faculty training programs organized during last three years

Sr. No.	Type of Training	No. of
		programs
1	Teaching learning methods/approaches	06
2	Handling new Curriculum	13
3	Content/knowledge management	13
4	Selection, development and use of enrichment materials	03
5	Assessment 1	
6	Audio Visual Aids/Multimedia	48
7	OER's	2
8	Teaching learning material development, selection and use	04

2.4.5 Give the number of faculty who received awards /recognition at the state, national and international levels for excellence in teaching during last four years. Enunciate how the institutional culture and environment contributed to such performance/ achievement of the faculty.

#### Ans.:

The Institutional culture and environment welcome the innovative ideas put forth by faculty and whole heartedly support in terms of guidance, time and finance, which eventually contributes to performance and achievement of the faculty. To name few awards/recognition of the faculty

Name of faculty member	Award/ Recognition		
Dr.D. G. Wakde	IEEE Outstanding Branch Counselor & Advisor		
	Acharya Award by Mama Kshirsagar Shaikshanik Pratistha,		
	Nagpur		
	Krushak Bushan Award by Dr.Panjabrao Deshmukh Award by		
	Lokssewa & Vikas Sanstha, Chandrapur, Maharashtra		
	Maniklal Smruti Award Gandhi Charitable Trust, Nagpur		
Dr. S. B. Warkad	Received "Union Ministry of Energy (now Ministry of Energy,		
	Department of Power, Government of India) -Department of		
	Power Prize" for the paper entitled "Optimal Electricity Nodal		
	Pricing in a Restructured Electricity Market" (published in the		
	Electrical Engineering Journal of IEI, Vol. 91, June 2010		
	issue). The prize- Gold Medal and Certificate of merit is		
	presented by The Institution of Engineers (India) in 26 <sup>th</sup> Indian		
	Engineering Congress at Bangalore on 06/12/11.		
Dr. S. B. Warkad	Editor/ reviewer of several National/ International journals.		
	Best Paper Award for the paper titled "Evaluation of		
	Mechanical properties of Al-AlN MMCs synthesized using		
	chemical processes" at Indian science Congress, 2012,		
Prof. S. G. Fale	Bhubaneswar		
P101. S. G. Fale	Best Paper Award for the paper titled "Thermodynamics basis		
	for nanostructured AlN formation in Al matrix by nitridation"		
	at National Conference, Rajiv Gandhi College of Engg. &		
	Research, Nagpur.		
Prof. P. S. Ardak	Best Teacher Award at Dept. Level		
Prof. A. W. Mahore	Best Teacher Award on Teachers Day 2014 by State Bank of		
	India, Main Branch Amravati		
Prof.V. B. Gadicha	Best Paper Award for the paper title "Extensive approach for		
	strong password generation assign content- cloud Mechanism"		
	at 3 <sup>rd</sup> International conference on Computing, Communication,		
	Control and Automation 2017, Pune, Maharashtra		

Prof. Atul A. Ghute	Best Faculty Award at an International Event Techelons 2012		
Prof. M. S. Burange	Best Teacher Award at an International Event Techelons 2012		
Prof. Prof. A .D. Lonare	Best Paper Award at ICPVS-2014, "An approach to analysis		
	facial expression from videos using PHOG"		
Prof. Aniket U. Trivedi	Best Teacher Award in Techelons Event		
Prof. Gauri P. Borkhade	Best Paper Award for the paper entitled "A modified CMOS		
	design of low noise amplifier for ultra wide band		
	application" in International conference on Electronics,		
Prof. Suryakant P. Bhonge	Electrical and Data Communication held on 20th October,		
	2012		
Prof. N. R. Pohadre	Best Teacher Award at an International Event Techelons 2012		
Prof. P. M. Mankar	Best Paper Award. Title of paper "S-2013, Battery based		
	Vehicles"		

#### 2.6 Student performance and Learning Outcomes

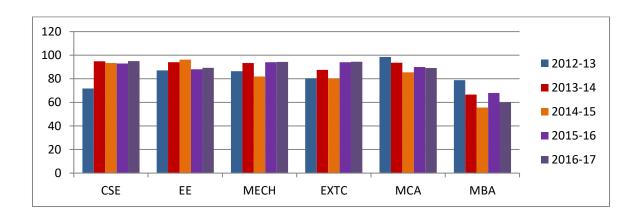
2.6.2 Enumerate on how the institute monitors and communicates the progress and performance of students through the duration of the course/Program? Provide an analysis of the student's results/achievements (Program/course wise for last four years) and explain the differences if any and patterns of achievement across the programs/courses offered.

#### Ans:

- To monitor the student progress, Institute has the continuous internal evaluation system, which consists of unit tests, assignments, seminars, etc.
- Continuous Assessment Report is displayed on notice board of the respective department every month.
- Institute communicates the grades, marks obtained in the internal examination to the parents and students regularly.
- Institute organizes regular parents' teacher meet for establishing communication with students and parents.
- The University also conducts the theory and practical examinations at the end of semester. The result of same are communicated to the student.

• The Institute analyzes the University examination result for each Program for setting new targets.

Final year result analysis for last four years					
Branch /Year	2012-13	2013-14	2014-15	2015-16	2016-17
CSE	71.76	94.9	93.33	93.00	95.00
EE	87.08	93.96	96.25	88.00	89.23
MECH	86.36	93.36	81.98	94.00	94.30
EXTC	80.28	87.5	80.15	94.00	94.42
MCA	98.55	93.68	85.5	90	89.12
MBA	78.79	66.67	55.56	68.00	60.11



#### **CRITERIA-III**

#### RESEARCH, CONSULTANCY AND EXTENSION

#### 3.1 PROMOTION OF RESEARCH

3.1.2. Does the Institution have a research committee to monitor and address the issues of research? If so, what is its composition? Mention a few recommendations made by the committee for implementation and their impact.

**Ans:** A core Research body and Committee has been formed under the chair of Principal. It includes senior faculty member and student members.

SN	Body	Designation	
1	Governing Council	Chairman, Secretary, Institute Director	
2	Advisory Council	Principal/Vice Principal of Institution, Dean (Academics), Heads of Department, External Consultants, Industry/Research organization Experts	
3	R&D Council	Dean (R&D), Coordinator, IEDC coordinator, FDP coordinator, Core Faculty members and Student members from all concerned Departments	
4	Research Scholar	Interested students and faculties	

The R & D Council for 2015-16 is as follows.

Sr. No.	Name	Position	Designation
1	Dr. S. D. Wakde	Chairperson	Principal
2	Dr. Sandeep G. Fale	Dean (R&D)	Professor & Head,
			Deptt. of Mechanical Engg.
3	Dr. Sanjay B. Warkad	Chief Coordinator	Associate Professor & Head,
			Deptt. of Electrical Engg.
4	Prof. M. P. Randive	Deptt. Coordinator	Asstt. Prof. (EXTC)
5	Prof. S. P. Bhonge	Faculty Member	Asstt. Prof.
6	Miss Sneha Aglave (FY)	Student	Member
7	Mr. Aniket Yavale (FY)	Student	Member
8	Dinesh Bhogekar (TY)	Student	Member
9	Miss Shubhangi Palekar (TY)	Student	Member

10	Prof. D. C. Dhanwani	Deptt. Coordinator	Asstt. Prof. (CSE)
11	Miss Shrutika Goenka (FY)	Student	Member
12	Miss Sneha Deshmukh (FY)	Student	Member
13	Mr. Priyadarshan Joshi (TY)	Student	Member
14	Mr. Pratik Kale (TY)	Student	Member
15	Prof. P. S. Ardak	Deptt. Coordinator	Asstt. Prof. (ME)
16	Mr. Pawan Banubakode (FY)	Student	Member
17	Mr. Shubham Murkute (FY)	Student	Member
18	Mr. Ankush Kadu (TY)	Student	Member
19	Mr. Utkarsh Rathod (TY)	Student	Member
20	Prof. A. A. Ghute	Deptt. Coordinator	Asstt. Prof. (EE)
21	Prof. Pankaj Verma	Faculty Member	Asstt. Prof
22	Mr. Anant Pachpor (FY)	Student	Member
23	Mr. Ajinkya Parate (FY)	Student	Member
24	Mr. Nikhil Pande (TY)	Student	Member
25	Mr. Saket Mishra (TY)	Student	Member
26	Prof. M. A. Rehman	Deptt. Coordinator	Asstt. Prof. (CE)
27	Prof. A. K. Chitkeshwar	Faculty Member	Asstt. Prof
28	Miss Vaishnavi Bherde (SY)	Student	Member
29	Mr. Swapnil Pote (SY)	Student	Member
30	Miss Kshama Tekode (TY)	Student	Member
31	Mr. Akshay Jipkate (TY)	Student	Member
32	Dr. N. R. Thakre	Deptt. Coordinator	Asstt. Prof. (FYE)
33	Prof. N. A. Kalambe	Faculty Member	Asstt. Prof
34	Prof. N. S. Kariya	Deptt.	Asstt. Prof. (MBA)
	Name	Position	Designation
		Coordinator	
35	Prof. S. R Shah.	Faculty Member	Asstt. Prof
36	Prof. A. N. Tondre	Faculty Member	Asstt. Prof
37	Miss Manjiri Kadam (SY)	Student	Member
38	Mr. Anup Yadav (SY)	Student	Member
39	Mr. Akshay Falke (FY)	Student	Member
40	Miss Payal Raut (FY)	Student	Member
41	Prof. V. M. Kale	Deptt. Coordinator	Asstt. Prof. (MCA)
42	Prof. R. V. Mahule	Faculty Member	Asstt. Prof
43	Mr. Nikhil Zagade (TY)	Student	Member
44	Mr. Anand Kakad (TY)	Student	Member
45	Miss Pooja Raut (TY)	Student	Member

#### \* The R & D Council for 2016-17 is as follows.

Sr. No.	Name	Position	Designation
1	Dr. S. D. Wakde	Chairperson	Principal
2	Dr. Sandeep G. Fale	Dean (R&D)	Associate Professor & Head, Deptt. of Mechanical Engg.
3	Dr. Sanjay B. Warkad	Chief Coordinator	Professor & Head, Deptt. of Electrical Engg.

4	Prof. M. P. Randive	Deptt. Coordinator	Asstt. Prof. (EXTC)
5	Prof. A. R. Pawade	Faculty Member	Asstt. Prof.
6	Prof. S. P. Bhonge	Faculty Member	Asstt. Prof.
7	Mr. Dinesh Bhogekar (FY)	Student	Member
8	Miss Shubhangi Palekar (FY)	Student	Member
9	Mr. Priyanka Gosavi (TY)	Student	Member
10	Mr. Pranit Vishwakarma (TY)	Student	Member
11	Prof. D. C. Dhanwani	Deptt. Coordinator	Asstt. Prof. (CSE)
12	Mr. Pratik Kale (FY)	Student	Member
13	Mr. Priyadarshan Joshi (FY)	Student	Member
14	Mr. Akshay Mahulkar (TY)	Student	Member
15	Mr.Mohammad Ahfaz (TY)	Student	Member
16	Miss Swamini Lunge (TY)	Student	Member
17	Prof. P. S. Ardak	Deptt. Coordinator	Asstt. Prof. (ME)
18	Mr. Ankush Kadu (FY)	Student	Member
19	Mr. Utkarsh Rathod (FY)	Student	Member
20	Mr. Shubham Waghmare (TY)	Student	Member
21	Mr. Pratik Kadukar (TY)	Student	Member
22	Prof. A. A. Ghute	Deptt. Coordinator	Asstt. Prof. (EE)
23	Prof. T. A. Mohammad	Faculty Member	Asstt. Prof
24	Mr. Nikhil Pande (FY)	Student	Member
25	Mr. Saket Mishra (FY)	Student	Member
26	Mr. Shubham Kale (TY)	Student	Member
27	Mr. Mayur Nirgule (TY)	Student	Member
28	Prof. M. A. Rehman	Deptt. Coordinator	Asstt. Prof. (CE)
29	Prof. S. V. Dhoke	Faculty Member	Asstt. Prof
30	Miss Vaishnavi Bherde (TY)	Student	Member
31	Mr. Swapnil Pote (TY)	Student	Member
32	Mr. Somesh Doba (SY)	Student	Member
33	Miss Diksha Tayade (SY)	Student	Member
34	Prof. S. A. Khapre	Deptt. Coordinator	Asstt. Prof. (FYE)
Sr. No.	Name	Position	Designation
35	Prof. S. A. Patil	Faculty Member	Asstt. Prof
36	Prof. N. A. Kalambe	Faculty Member	Asstt. Prof
37	Dr. N. R. Thakre	Faculty Member	Asstt. Prof
38	Prof. N. S. Kariya	Deptt. Coordinator	Asstt. Prof. (MBA)
39	Prof. A. N. Tondre	Faculty Member	Asstt. Prof
40	Prof. S. R. Shah	Faculty Member	Asstt. Prof
41	Mr. Jagat Jasapara (FY)	Student	Member
42	Miss Lalita Bang (FY)	Student	Member
43	Mr. Akshay Falke (SY)	Student	Member
44	Miss Payal Rathi (SY)	Student	Member
45	Prof. V. M. Kale	Deptt. Coordinator	Asstt. Prof. (MCA)
46	Prof. S. M. Jadhav	Faculty Member	Asstt. Prof
47	Miss Prapti Hinge (SY)	Student	Member
48	Miss Vaishnavi Thakre (SY)	Student	Member
49	Mohammad Zuhed (SY)	Student	Member
50	Mr. Yogesh Ingle (FY)	Student	Member

#### **❖** The R & D Council for 2017-18 is as follows.

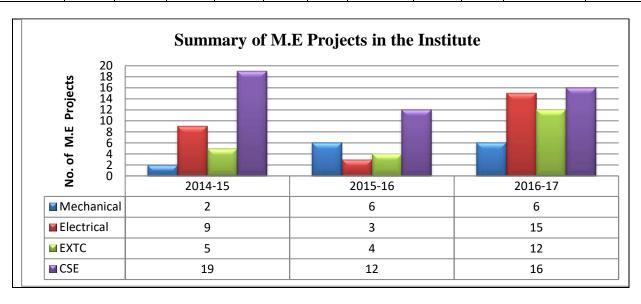
Sr. No.	Name	Position	Designation	
1	Dr. S. D. Wakde	Chairperson	Principal	
2	Dr. Sandeep G. Fale	Dean (R&D)	Associate Professor & Head,	
	The state of the s	Deptt		
3	Dr. Sanjay B. Warkad	Chief Coordinator	Professor & Chairman IQAC	
4	Prof. M. P. Randive	Deptt. Coordinator	Asstt. Prof. (EXTC)	
5	Prof. A. R. Pawade	Faculty Member	Asstt. Prof.	
6	Prof. S. P. Bhonge	Faculty Member	Asstt. Prof.	
7	Mr. Jivan Sarode (FY)	Student	Member	
8	Miss Kalyani Barbuddhe (FY)	Student	Member	
9	Miss Ankita Nathe (TY)	Student	Member	
10	Mr. Akash Lodh (TY)	Student	Member	
11	Prof. D. C. Dhanwani	Deptt. Coordinator	Asstt. Prof. (CSE)	
12	Mr. Akshay Mahulkar (FY)	Student	Member	
13	Mr.Mohammad Ahfaz (FY)	Student	Member	
4	Miss Swamini Lunge (FY)	Student	Member	
15	Mr.Krunal Dhaskat (TY)	Student	Member	
16	Mr. Anurag Bhakre (TY)	Student	Member	
17	Prof. P. S. Ardak	Deptt. Coordinator	Asstt. Prof. (ME)	
18	Mr. Akash R. Kulkarni (FY)	Student	Member	
19	Mr. Shubham A. Chhapare (FY)	Student	Member	
20	Mr. Abhishek S. Bonde (FY)	Student	Member	
21	Mr. Pratik V. Yeotkar (FY)	Student	Member	
22	Prof. A. A. Ghute	Deptt. Coordinator	Asstt. Prof. (EE)	
23	Prof. T. A. Mohammad	Faculty Member	Asstt. Prof	
24	Mr. Mayur D. Nirgule (FY)	Student	Member	
25	Mr. Shubham G. Kale (FY)	Student	Member	
26	Mr. Yogesh V. Pophale (TY)	Student	Member	
27	Mr. Bhushan G. Khupse (TY)	Student	Member	
28	Prof. Nilesh Bhopale	Deptt. Coordinator	Asstt. Prof. (CE)	
29	Mr. Swapnil Pote (FY)	Student	Member	
30	Miss Vaishnavi Bherde (FY)	Student	Member	
31	Mr. Somesh Doba (TY)	Student	Member	
32	Prof. S. A. Khapre	Deptt. Coordinator	Asstt. Prof. (FYE)	
33	Prof. S. A. Patil	Faculty Member	Asstt. Prof	
34	Prof. N. A. Kalambe	Faculty Member	Asstt. Prof	
Sr. No.	Name	Position	Designation	
35	Prof. N. R. Thakre	Faculty Member	Asstt. Prof	
36	Prof. N. S. Kariya	Deptt. Coordinator	Asstt. Prof. (MBA)	
37	Prof. A. N. Tondre	Faculty Member	Asstt. Prof	
38	Prof. S. K. Singh	Faculty Member	Asstt. Prof	
39	Prof. M. I. Qureshi	Faculty Member	Asstt. Prof	
40	Miss Priyanka Ghumnani (FY)	Student	Member	
41	Anurag Mohod (FY)	Student	Member	
42	Miss Lalita Bang (SY)	Student	Member	
43	Miss Shrilaxmi Bhanupratap	Student	Member	

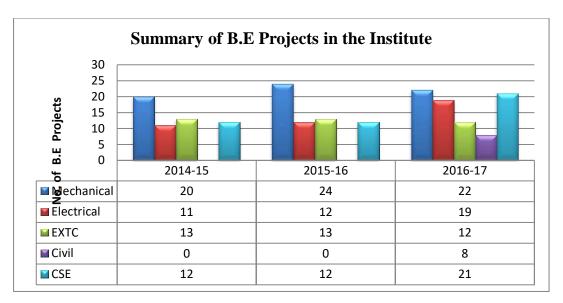
44	Parool Dhanusevak (SY)	Student	Member
45	Prof. V. M. Kale	Deptt. Coordinator	Asstt. Prof. (MCA)
46	Mohammad Junaid (FY)	Student	Member
47	Miss Gayatri Pardikar (FY)	Student	Member
48	Mr. Yogesh Ingle (SY)	Student	Member
49	Miss Vaibhavi Deshmukh (SY)	Student	Member

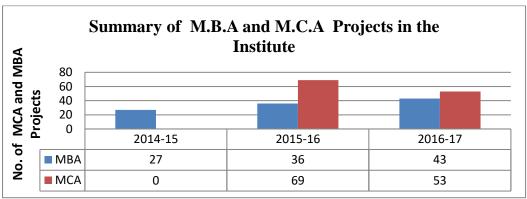
# 3.1.5 Give details of the faculty involvement in active research (Guiding student research, leading Research Projects, engaged in individual/collaborative research activity etc.)

Ans.: Details of M.E and B.E Projects

Year	Mech	anical	Elect	rical	EX	TC	Civil	CS	E	MCA	MBA
1 еаг	M.E	B.E	M.E	B.E	M.E	B.E	B.E	M.E	B.E	Final Yr. l	Projects
2014-15	2	20	9	11	5	13	0	19	12	-	27
2015-16	6	24	3	12	4	13	0	12	12	69	36
2016-17	6	22	15	19	12	12	8	16	21	53	43
Total	14	66	27	42	21	38	8	47	45	122	106







#### Faculties involved in Research projects sponsored by IEDC:

#### Academic Year 2013-14

Sr.	Name of Mentor	Department	Grant (Rs.)	Name of Project
No.				
1	Prof. A. A. Ghute	Electrical Engineering	1,00,000/-	Maximum Utilization on Solar
				Energy Using Inc. Conductance
				MPPT
2	Prof. D. A.	Electrical Engineering	1,00,000/-	House Utility Land Limiting &
	Shahakar			Control Mechanism
3	Prof. D. A.	Electrical Engineering	1,00,000/-	Hybrid Pesticide Pump
	Shahakar			
4	Prof. D. A.	Electrical Engineering	1,00,000/-	Seed Sowing Robot
	Shahakar			
5	Prof. Amol M.	Mechanical	1,00,000/-	Use of Black Box in Automobile
	Tembhare	Engineering		to improve safety of vehicle

#### **Academic Year 2014-15**

Sr.	Name of Mentor	Department	Grant (Rs.)	Name of Project
No.				
1	Prof. Rahul D.	Electronics &	1,00,000/-	Hybrid Solar Cooker
	Ghongade	Telecomm.Engg.		
2	Prof. Amit R.	Civil Engineering	1,00,000/-	Use of Waste Plastic in Flexible
	Wadnerkar			Pavement
3	Prof. G. S. Mahalle	Mechanical	1,00,000/-	Hybrid Moped
		Engineering		
4	Prof. D. A. Shahakar	Electrical Engg.	1,00,000/-	Roof Top Wind Generator
5	Prof. Atul A. Ghute	Electrical Engg.	1,00,000/-	Gravity Light

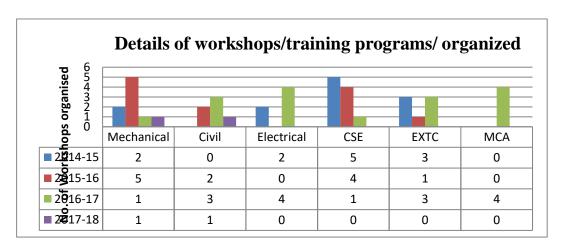
#### **Academic Year 2015-16**

Sr.	Name of Mentor	Department	Grant (Rs.)	Name of Project
No.				
1	Prof. Atul A. Ghute	Electrical	1,00,000/-	Spring Operated LED Light
		Engineering		System
2	Prof. Mohd. Zuhair	Civil Engineering	1,00,000/-	Effect of Fire on Compressing
				Strength of Concrete
3	Prof. Ganesh S.	Mechanical	1,00,000/-	Solar Thermal Power Plant
	Mahalle	Engineering		
4	Prof. S. P. Yeole	Mechanical	1,00,000/-	Fabrication of LPG Stove Burner
		Engineering		with Porous Medium Combustion
5	Prof. Yogita Khair	Electrical	1,00,000/-	Motorized Personal Transportation
		Engineering		Device

#### **Academic Year 2016-17**

Sr.	Name of Mentor	Department	Grant (Rs.)	Name of Project
No.				
1	Prof. Vipin	Mechanical	1,00,000/-	Electricity generation for classroom
	Gawande	Engineering		using roof top wind generator.
2	Dr. S. B. Warkad	Electrical Engg	1,00,000/-	Smart power sensor based irrigation
				system
3	Prof. S. P. Yeole	Mechanical	1,00,000/-	Design and fabrication of Discicant
		Engineering		Air cooling system.
4	Prof. Mohd. Zuhair	Civil Engg.	1,00,000/-	Experimental Investigation of
				precast beam Colum joined under
				cyclic loading.
5	Prof. B. R. Mankar	Electronics &	1,00,000/-	Smart city application for future
		Telecommunication		ready smart society.
		Engg.		

3.1.6 Give details of workshops/ training programmes/ sensitization programmes Conducted/ organized by the Institution with focus on capacity building in terms of research and imbibing research culture among the staff and students.



Department	S.N	Name of the Event	Coordinator	Date of the
Department	D•11	rame of the Event	Coordinator	Event
	1	Workshop:-Vehicle	Vidhisha Edutech Services	21/08/2014-
	1	Overhauling	Pune	23/08/2014
	2	Workshop:-Integrated	I.G.T.R Aurangabad	26/06/2015-
	2	Course in ANSYS	1.G.T.K Aurangabau	14/08/2015
		Workshop on "The Auto		01/08/2015-
	3	Quotient" with assistance of	M.E.S.A	02/08/2015
		Vidhisha group Pune.		02/08/2013
		Training Program- Nano		
34 1 1	4	technology- applications in	Dr. S. G. Fale	22/08/15
Mechanical		architecture.		
	5	Training Program -Skill of		
		Writing a research paper in	Dr. S. G. Fale	28/12/2015
		FDP on trends and challenges	DI. S. G. Fale	26/12/2013
		in Engg education.		
	6	Workshop:- Integrated	I.G.T.R Aurangabad	16/02/2016-
	U	Course in CATIA	1.O.T.K Aurangabau	28/03/2016
		Training Program -		24/07/2017-
	7	Automobile and Vehicle	AMZ, Jaipur	30/07/2017
		Dynamics		30/07/2017
			1) Dr. R. K. Ingle,	
Civil		Workshop:- "Introduction To	Prof. & HOD, VNIT Nag.	01/01/2016
Civii	1	Finite Element Method"	2) Dr. Nitin P. Kataria,	&
		Time Dement Method	PRMIT&R, Badnera,	02/01/2016
			Amravati.	

			3) Dr. K. N. Kadam,	
			Government College of	
			Engineering, Amravati.	
			4) Dr. S. G. Morkhade.	
			Er. Nawab Mudassar nazar	
	2	Workshop: Mix Design	, Project Manager ,	27/02/ 2016
	2	r,	CES .India Pvt, Ltd	27/02/ 2010
			CES inidia i vi, Etd	2/1/2017 to
	3	Workshop:- E-Tabs Software	Prof. S. V. Dhoke	7/1/2017 to
		Workshop:-		2/1/2017 to
	4	Auto-CAD Software	Prof. M. S. Deshmukh	7/1/2017
		Tuto CID Software		30/3/2017-
	5	Workshop:- Total Station	P.N. Surveyor Company	1/4/2017
				03/07/2017
	6	Workshop:- E-Tabs Software	Prof. S. V. Dhoke	To 8/07/17
		Workshop on	ı	
	1	microcontroller by MDB	Mr. Mangesh Bharati	11/1/2016
		Softtech Pvt. Ltd.	-	to 16/01/16
		Workshop on PCB & Circuit		19/08/2016
	2	Design using Proteous	Mr. Mangesh Bharati	to
Electrical		Simulator		20/08/2016
Electrical	3	Workshop on	Do Doode at Dedden	25/08/2016
		MatLAB/Simulink Basis	Dr. Prashant Bedekar	to 27/08/16
	4	Workshop on PLC &	Mr. Ravindra Sharma	29/08/2016
		SCADA (Shift-1)	MII. Kaviilura Silarilla	to 06/09/16
	5	Workshop on PLC &	Mr. Ravindra Sharma	07/09/2016
	3	SCADA (Shift-2)	MII. Kaviilura Silarilla	to 15/09/16
	1	Workshop on Project	Prof. A.S. Bhande	11/01/2017
	1	development	Fior. A.S. Difance	11/01/2017
	2	Workshop on Project	Prof. A.S. Bhande	13/01/2017
	2	development	1101. A.S. Dilande	13/01/2017
M.C.A			Prof. Pratik Battad	
WI.C.A	3	Workshop on Soft Skill	Prof. Rishikesh Bhagwatkar	15/01/2017
	3	Workshop on Soft Skill	Prof. Ashwini Tondre	to 22/01/17
			Prof. Sagar Sonkaskar	
	4	Workshop on ASP.Net	Prof. V. M. Kale	24-
	4	Workshop on ASF. Net	FIOI. V. IVI. Kale	27/01/2017
		Entrepreneurship workshop		30/08/2016
Electronics	1	based on Embeded system	EXTC Department	and
&	1	with Arduino & Interfacing	DATE Department	03/09/2016
Telecommu		through MATLAB		
nications	2	Workshop "Introduction to	EXTC Department	27/01/2017
		Arduino with Hands on	Diff Department	and

		Training		29/01/2017
	3	C & C <sup>++</sup> Language Training	EXTC Department	28/07/2017 & 08/08/17
	4	MATLAB Integration with Hardware	EXTC Department	24/06/2015
	5	Entrepreneurship, Arduino & Respberry Pi	EXTC Department	22/02/2016 to 26/02/16
	6	C & C++ Language Training	EXTC Department	4-20/08/14
	7	Robotics Workshop	EXTC Department	12/04/2015
	1	Workshop on PHP	Prof. R. D. Jadhav	8 <sup>th</sup> & 9 <sup>th</sup> Feb. 2014
	2	Workshop on Hacking	Prof. R. D. Jadhav	14/3/2014
	3	Android Workshop	Prof. R. D. Jadhav	23 <sup>rd</sup> June to 4 <sup>th</sup> July 14
	4	Workshop on online tutorials	Prof. R. D. Jadhav	23 <sup>rd</sup> July to 30 <sup>th</sup> Aug.14
	5	Workshop on online tutorials	Prof. R. D. Jadhav	9 <sup>th</sup> , 10 <sup>th</sup> & 28 <sup>th</sup> Aug.14
CSE	6	Workshop on ASP.Net	Prof. S. S. Saghane	23/01/2016
	7	Workshop on C, C <sup>++</sup> , JAVA, SQL	Prof. S. S. Saghane	24/02/2016 to 26/02/16
	8	Workshop on Cloud Computing	Prof. S. S. Saghane	19/03/2016 to 20/03/16
	9	Technical Workshop On Various Technology	Prof. S. S. Saghane	13/06/2016 to 04/07/16
	10	4 Days Android Workshop for 3 <sup>rd</sup> Year	Prof. S. S. Saghane	20 <sup>th</sup> to 3 <sup>rd</sup> Jan 2017

# 3.1.7. Provide details of prioritized research areas and the expertise available with the Institution.

Sr. No.	Expertise	Prioritized Research Areas
Departmen	t of Applied Science	
1	Dr. D.G. Wakde	Material Science and Electronics.
2	Dr. S. D. Wakde	Material Science and Electronics.
3	Dr. N. R. Thakare	Material Science & Ionic Battery.
4	Dr. Y. K. More	Condensed Matter Physics.
5	Dr. N.A. Kalambe	Physical Chemistry.

	T	
6	Dr. A.D. Bhoyar	Organic Chemistry.
7	Dr.Y. K. Vyawahare	Inorganic & Catalysis.
8	Dr. S. A. Khapare	Integral Transform.
9	Prof. G. B. Malviya	Relativity
10	Dr. M.C. Golchha	Nano Composites and Polymers
11	Dr. S.A. Patil	Spectroscopic Techniques
12	Prof. S. A. Bhojne	Relativity
13	Prof. H.R. Dhanbhar	Waste Water Treatment
14	Prof. S.P. Shahare	Relativity
Department	of Mechanical Engineer	ing
1	Dr. S. G. Fale	Metal Matrix Nan composites
2	Dr. V. B. Gawande	Heat Power Engineering
3	Prof. P. R. Wadnerkar	Supply chain Management.
4	Prof. P. S. Ardak	Production Engineering
Department	of Electrical Engineerin	g
1	Dr. S. B. Warkad	Electrical Power System
2	Dr. Vishram Bapat	Electrical Power System
3	Prof. H.S. Kulat	Control System
4	Prof.A. S. Telang	Power System
5	Prof. P. R. Rane	Power System
Department	of Civil Engineering	
1	Dr. R.S. Ingole	Environment Engineering
2	Prof. Mohd. Zuhair	Structural Engineering
Department	of Electronics and Telec	ommunication Engineering
1	Prof. R. D. Ghongade	Signal & Image processing, ANN
2	Prof. G. D. Dalvi	Digital Communication
3	Prof. V. B. Padole	Signal & Image processing
Department	of Computer Science an	d Engineering
1	Prof. V. B. Gadicha	Cloud Computing, Information Security
2	Prof. A. B. Gadicha	Network Security
3	Prof. C. J. Shelke	Network Security
Department	of M.B.A	

1	Prof. S. R. Shah	Finance
2	Prof. A. N. Tondre	Human Resource Management
3	Prof. M. I. Qureshi	HRM, MRKT
4	Prof. S. K. Singh	Marketing
Department	of M.C.A	
1	Dr. C. A. Dhawale	Image & Video Processing

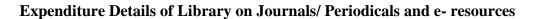
#### 3.2 Resource Mobilization for Research

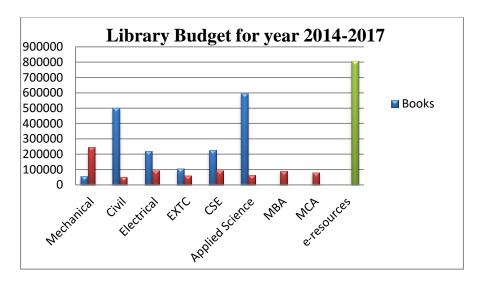
## 3.2.1 What percentage of the total budget is earmarked for research? Give details of major heads of expenditure, financial allocation and actual utilization.

Ans.: Institute has a financial provision for research in the annual budget. These funds are utilized for high-end equipment, internet facility and e-journals as per the demand of the research scholars. The details of equipments, software that regularly used in research, projects, etc. are as follows.

Department	Year	Equipment/ Software	Cost (in Rs.)
	2014-15	MIC Trainer,	1,62,691/-
Electronics & Telecommunication	2011-12	MATLAB software (Modeling & Simulation tool)	4,60,018/-
Engg.	2011-12	Micro-wind software	1,87,000/-
	2015-16	PLC trainer kit	34,143/-
Electrical Engg.	2012-13	Relay testing kit	63,000/-
Electrical Engg.	2012-13	Transformer protection simulation panel	1,58,400/-
Computer Science & Engineering	2014-15	Rational Rose suit enterprises	3,30,000/-
Mechanical Engg.	2013-14	CATIA Software	5,50,000/-
Civil Engg.	2013-14	Universal Testing Machine	7,50,000/-

For the enhancement of research activity, institute has provided very good library facility with good resources such as E-Journals, Print journals, Magazines and periodicals. These resources are extensively used by faculty members and students in their research work.





<b>Department- Mechanical</b>		Books	Journals/Periodicals	e-resourses
Budget allocation	2014-15	Rs. 49720	(17) Rs. 1,19,391	No
	2015-16	Nil	(14) Rs 98,335	Rs. 8,06,360
				(ASME&
				IEEE)
	2016-17	Rs. 6900	(09) Rs. 27,000	No
Total		Rs. 56,620	Rs. 2,44,726	Rs. 8,06,360

<b>Department- Civil</b>		Books	Journals/Periodicals	e-resourses
Budget allocation	2014-15	Rs.2,43,120	06 Rs.12,500	No
	2015-16	Rs.2,45,040	06 Rs. 12,500	Rs. 8,06,360
				(ASME&
				IEEE)
	2016-17	Rs.12,000	09 Rs.27,000	No
Total		Rs.5,00160	Rs.52,000	Rs. 8,06,360
<b>Department- Electrical</b>		Books	Journals/Periodicals	e-resourses
Budget allocation	2014-15	Rs.32,450	18 Rs.31,650	No
	2015-16	Rs.1,44,299	18 Rs.31,650	Rs. 8,06,360
				(ASME&
				IEEE)
	2016-17	Rs.43,784	09 Rs.31,500	No
Total		Rs.2,20,533	Rs.94,800	Rs.8,06360

<b>Department- EXTC</b>		Books	Journals/Periodicals	e-resourses
Budget allocation	2014-15	Rs.84,975	11 Rs.17,017	No
	2015-16	Rs.20,915	10 Rs.15,470	Rs. 8,06,360
				(ASME&
				IEEE)
	2016-17	-	09 Rs.27,000	No
Total		Rs.1,05,890	Rs.59,487	Rs.8,06360

<b>Department- CSE</b>		Books	Journals/Periodicals		e-resourses
Budget allocation	2014-15	Rs. 1,33,906	16	Rs.32,550	No
	2015-16	Rs.84,334	16	Rs.32,550	Rs. 8,06,360 (ASME& IEEE)
	2016-17	Rs.7,500	06	Rs.27,000	No
Total		Rs.2,25,740		Rs.92,100	Rs.8,06360

Department- Applied		Books	Journals/Periodicals	e-resourses
Science Department				
Budget allocation	2014-15	Rs.2,70,401	07 Rs.49,161	No
	2015-16	Rs.2,28,633	08 Rs.12,376	Rs. 8,06,360 (ASME& IEEE)
	2016-17	Rs.95,684	No	No
Total		Rs.5,94,718	Rs.61,537	Rs.8,06360

Department- MBA		Books	Journals/Periodicals	e-resourses
Budget allocation	2014-15	No	12 Rs.28,336	No
	2015-16	No	13 Rs. 30,590	Rs. 8,06,360 (ASME& IEEE)
	2016-17	No	09 Rs.29,000	No
Total		No	Rs.87,826	Rs.8,06360
<b>Department- MCA</b>		Books	Journals/Periodicals	e-resourses
Budget allocation	2014-15	No	18 Rs.39,180	No
	2015-16	No	13 Rs.39,180	Rs. 8,06,360 (ASME& IEEE)
	2016-17	No	No	No
Total		No	Rs.78,360	Rs.8,06360

#### Availability of Books and Journals for R &~D

Sr.	Department	Year	No. of	No. of	No. of	No. of E-
No.	_		Books	Ref.	Print	journals
				Books	Journal	

		2014-15	123		17	NO
1	Mechanical	2015-16		27	14	IEEE & ASME
		2016-17	30		09	NO
	2 Electrical	2014-15	60		18	NO
2		2015-16	288	32	18	IEEE & ASME
		2016-17	69		09	NO
		2014-15	544		06	NO
3	Civil	2015-16	486	08	06	IEEE & ASME
		2016-17	40		09	NO
		2014-15	152		11	NO
4	Electronics and Telecommunication	2015-16	36	14	10	IEEE & ASME
		2016-17	-		09	NO
	Computor Science	2014-15	236		16	NO
5	Computer Science and Engineering	2015-16	126	24	16	IEEE & ASME
	and Engineering	2016-17	30		09	NO
	Applied Science	2014-15	429		07	NO
6	Dept.	2015-16	419	18	08	IEEE & ASME
	Бері.	2016-17	279		-	NO
		2014-15	-		12	NO
7	M.B.A	2015-16	-		13	IEEE & ASME
		2016-17	-		09	J-Geat
		2014-15	-		18	NO
8	M.C.A	2015-16	-		20	IEEE & ASME
		2016-17	-		-	NO

#### Details of journals available in the library

S.No	Department	Journal List
1	Mechanical	40
2	Electrical	45
3	Civil	21
4	Electronics and Telecommunication	30
5	Computer Science and Engineering	41
6	Applied Science Dept.	15
7	M.B.A	34
8	M.C.A	36

#### 3.3 Research Facilities

## 3.3.1 What are the research facilities available to the students and research scholars within the campus?

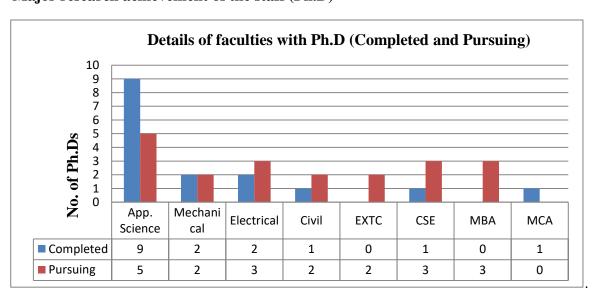
Ans: List of Software Available in the department

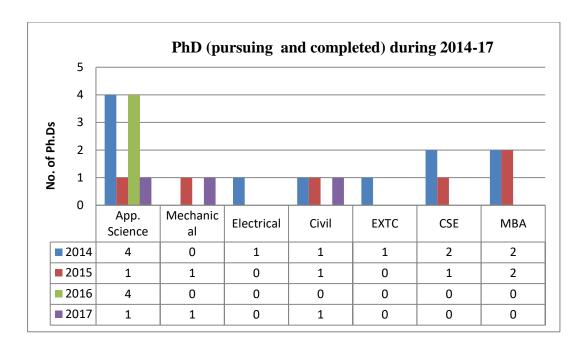
Sr. No.	Department	Name of Equipment	Laboratory	Year of procurement	Cost in Rs.
1.	Mechanical Engg.	CATIA Software	CAD CAM	2013-14	5,50,000/-
1.	Wicchamear Engg.	AutoCAD	CAD CAM	2011-12	Open Source
2.	Electronics and	MATLAB Software.	P.G. Lab	2011-12	4,60,018/-
	Telecommunication Engg.	Micro Wind Software.	P.G. Lab	2011-12	3,74,000/-
3.	<b>Computer Science</b>	Rational Rose Suit	P.G. Lab	2014-15	3,30,000/-
	Engineering	Enterprises.	1.G. Lab	2017 13	
4	Open	MATLAb, Scilab, Open Foam, Auto CAD.			

#### • Summary of NPTEL lectures available in the Institute

Year	Mechanical	Electrical	EXTC	Civil	CSE	MCA	MBA	App.Sci.
2014-17	606	339	405	181	293	85	250	104
Total	1947							

#### Major research achievement of the staff (Ph.D)





Sr. No.	Expertise	Prioritized Research Areas	Remark	Year	
Department of Applied Science					
1	Dr. D.G. Wakde	Material Science and Electronics.	Completed	1981	
2	Dr. S. D. Wakde	Material Science and Electronics.	Completed	1992	
3	Dr. A.D. Bhoyar	Organic Chemistry.	Completed	2008	
4	Dr. N. R. Thakare	Material Science & Ionic Battery.	Completed	2014	
5	Dr. M.C. Golchha	Nano Composites and Polymers	Completed	2014	
6	Dr. N.A. Kalambe	Physical Chemistry.	Completed	2014	
7	Dr. S. A. Patil	Spectroscopic Techniques	Completed	2016	
8	Dr.Y. K. Vyawahare	Inorganic & Catalysis.	Completed	2016	
9	Dr. S. A. Khapare	Integral Transform.	Completed	2017	
10	Prof. H. R. Dhanbhar	Waste Water Treatment	Pursuing	2010	
11	Prof. S. A. Bhojne	Relativity	Pursuing	2014	
12	Prof. M. M. Gupta	Organic Chemistry	Pursuing	2015	
13	Prof. G. B. Malviya	Relativity	Pursuing	2016	
14	Prof. S.P. Shahare	Relativity	Pursuing	2016	
Department of Mechanical Engineering					
1	Dr. S. G. Fale	Metal Matrix Nan composites	Completed	2015	
2	Dr. V. B. Gawande	Heat Power Engineering	Completed	2017	
3	Prof. P. R. Wadnerkar	Supply chain Management.	Pursuing	2011	

4	Prof. P. S. Ardak	Production Engineering	Pursuing	2013
Departi	nent of Electrical Engine	ering		
1	Dr. Vishram Bapat	Electrical Power System	Completed	1989
2	Dr. S. B. Warkad	Electrical Power System	Completed	2011
4	Prof. H.S. Kulat	Control System	Pursuing	2013
5	Prof.A. S. Telang	Power System	Pursuing	2013
6	Prof. P. R. Rane	Power System	Pursuing	2014
Departi	nent of Civil Engineering	J		
1	Dr. R.S. Ingole	Environmental Engineering	Completed	2017
2	Prof. Mohd. Zuhair	Structural Engineering	Pursuing	2014
3	Prof. S. S. Saraf	Geotechnical	Pursuing	2015
Departi	nent of Electronics and	Telecommunication Engineering		
1	Prof. R. D. Ghongade	Signal & Image processing, ANN	Pursuing	2012
2	Prof. G. D. Dalvi	Digital Communication	Pursuing	2014
3	Prof. V.B. Padole	Signal & Image processing	Pursuing	2014
Departi	nent of Computer Science	e and Engineering		
1	Prof. R.R. Bhure	Computer Information Systems	Completed	2017
2	Prof. V. B. Gadicha	Cloud Computing	Pursuing	2014
3	Prof. Chetan Shelke	Network Security	Pursuing	2014
4	Prof. A. B. Gadicha	Network Security	Pursuing	2015
Departi	nent of M.B.A	L		
1	Prof. A. N. Tondre	Language	Pursuing	2014
2	Prof. M. I. Qureshi	Marketing	Pursuing	2014
3	Prof. S. R. Shah	Finance	Pursuing	2015
4	Prof. S. K. Singh	Marketing	Pursuing	2015
Departi	nent of M.C.A	I		
1	Dr. C. A. Dhawale	Image & Video Processing	Completed	2009

#### **3.4 Research Publications and Awards**

3.4.3-Give details of publications by the faculty and students: Publication per faculty Number of papers published by faculty and students in peer reviewed journals (national / international) Number of publications listed in International Database (for Eg: Web of

Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) Monographs— Chapter in Books— Books Edited— Books with ISBN/ISSN numbers with details of publishers: "Investigation of— dual Fuel diesel Engine with hydrogen and LPG Fuel", By Prof. D. B. Laata,— ISBN/ISSN: 978-3-659-15025-8, LAMBERT Publication Germany.— Citation Index: 66— SNIP:— SJR:— Impact factor: 24— h-index: 5—

#### Ans:

#### 1) Institute -Research Paper Publications Summary (Institute)

S. No	Department	National and International Journal	National and International Conference
1	Mechanical	55	29
2	Electrical	72	64
3	EXTC	35	11
4	Civil	11	06
5	CSE	205	63
6	MCA	08	
7	MBA	25	48
8	Applied Science	55	04
	Total	466	218

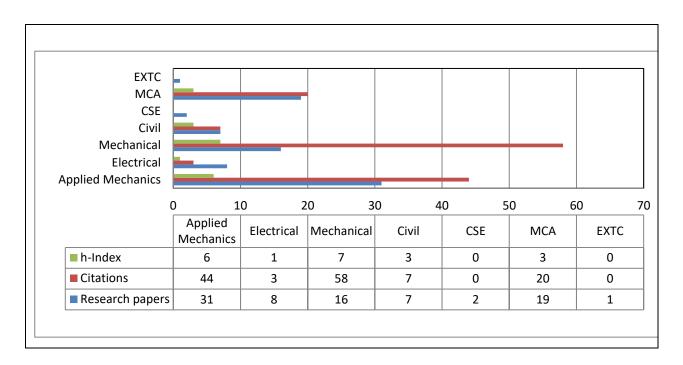
#### 2) Details of Book publications/ Books Edited/Chapter in Books

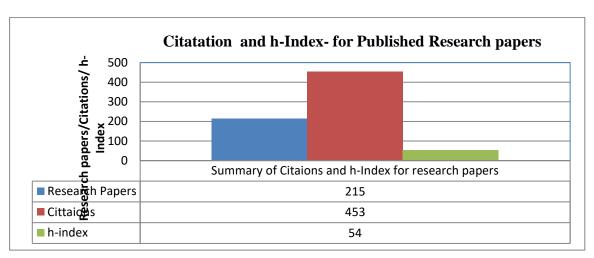
S.No	Name of Faculty	Department	Title of Book	Publisher Name	ISBN No.
1	Dr. S.D. Wakde Applied Science		Engineering Physics	S.S.G.M.C.E Publications	81-902900-02
	Sc	Science	Electronic Devices & Technology	S.S.G.M.C.E Publications	81-902900-8-8
2	Dr. S.B. Warkad	Electrical	Electricity Sector Reforms and Electricity Pricing in Developing Countries: A Study in India	LAP LAMBERT Academic Publishing GmbH & CO, Saarbrucken Germany	978-3-659-95066-7
3	Prof. M.G. Walecha	Mechanical	Fluid Mechanics	Mc-Graw Hill Publication	Edited/Review
4	Prof. M.G. Walecha	Mechanical	Flow through open	Mc-Graw Hill	Edited/Review

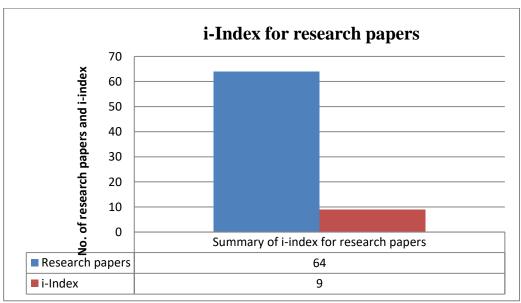
			channel	Publication	
	Prof. P. R. Wadnerkar	Mechanical	Engineering	Dyanpeeth	978-81-931863-3-6
	FIOI. F. K. Wauncikai	Wiechanicai	Drawing	Publication	
5	Dr. N. R. Thakre	Applied	Engineering	Dyanpeeth	978-81-931863-1-2
3	DI. IV. K. Thakie	Science	Physics	Publication	
6	Dr. G. B. Malviya	Applied Science	Engineering Mathematics-I	Dyanpeeth	978-81-931863-0-5
				Publication	
7	Dr. G. B. Malviya	Applied Science	Engineering Mathematics-II	Dyanpeeth Publication	978-81-931863-4-3
8	Dr. A. D. Bhoyar	Applied Science	Engineering Chemistry	Dyanpeeth Publication	978-81-931863-5-0
9	Prof. S. A. Jalit	Electrical	Electrical	Dyanpeeth Publication	13:978-81-931863-7-4
		Engineering	Engineering	Publication	

# 3) List of published research papers with Scopus citation and h-index.

Sr. No.	Department	Name of Faculty	Research Papers	Citations	h-Index
1	Applied Sci.	Dr. D.G.Wakde	16	34	03
2	Applied Sci.	Dr. N. R. Thakare	07	09	02
3	Applied Sci.	Dr. N. Kalambe	05	01	01
4	Applied Sci.	H.R. Dhanbhar	03	-	-
5	Electrical	Dr. S.B. Warkad	08	03	01
6	Mechanical	Dr. S.G. Fale	07	15	03
7	Mechanical	Dr. V. B. Gawande	08	43	04
8	Mechanical	Prof. P.S. Ardak	01	00	00
9	Civil	Dr. R. S. Ingole	04	07	02
10	Civil	Dr S. G. Morkhade	03	04	01
11	C.S.E	Prof. Ajay Gadicha	02	00	00
12	M.C.A	Dr. Chitra Dhawale	19	20	03
13	EXTC	Prof. G. D. Dalvi	01	00	00







Sr. No.	Department	Name of Faculty	Research Papers	Citations	h-Index	i-10 index
1	Mechanical	Dr. S. G. Fale	08	25	04	
2	Mechanical	Dr. V.B. Gawande	10	80	05	03
3	Mechanical	Prof. P.S. Ardak	05			
4	Mechanical	Prof. V. G. Gore				
4	MCA	Dr. C. A. Dhawale	20	65	05	01
5	CSE	Prof. Pravin Soni	22	89	04	03
6	CSE	Prof. V. B. Gadicha	20	25	03	
7	CSE	Prof. Ajay Gadicha	19	24	03	
8	CSE	Prof. Komal Bijwe	02	03	01	
9	CSE	Prof. Ankush Dahat	01	01	01	
10	CSE	Prof. Anup Date	04	01	01	
11	CSE	Prof. Arvind Kapse	09	04	01	-
12	CSE	Prof. Amit Jamnekar	02			
13	CSE	Prof. C.Deshmukh	02	04	01	
14	CSE	Prof. Chetan Shelke	11	08	02	
15	CSE	Prof. D. Dhanwani	03	09	02	
16	CSE	Prof. Falesh Shelke	09	21	01	01
17	CSE	Prof . K.Chhajed	01	01	01	
18	CSE	Prof. Mayur Burange	04	14	02	
19	CSE	Prof. Nitin Chauhan	01	06	01	
20	CSE	Prof. Praful Sambhare	05			
21	CSE	Prof. P. Deshmukh	02	01	01	
22	CSE	Prof. Priti Dafale	02	01	01	
23	CSE	Prof. N.D. Ghuse	14	03	01	
24	CSE	Prof. Puja Tekade	01	03	01	
25	CSE	Prof. Sagar Pande	05	01	01	
26	CSE	Prof. S.Deshmukh	03	13	01	01
27	CSE	Prof. Sneha Sontakke	03	06	01	
28	CSE	Prof. Sumit Sagane	02	01	01	
Sr. No.	Department	Name of Faculty	Research Papers	Citation Index	h-Index	i-10 index
29	CSE	Prof. Vaishali Bhagat	17	12	02	
30	Civil	Prof. R. Ingole	04	22	03	

31	Civil	Prof. S. Morkhade	06	05	01	
32	EXTC	Prof. Umesh Hore	04	03	01	
33	EXTC	Prof. R. D. Ghongade	06	02	01	

# 4) List of the Published Research Papers Journals with Impact Factor

S. No	Journal Name, Vol.No, Issue, Page No and year	Impact Factor
1	Renewable and Sustainable Energy Reviews (Elsevier).	8.050
2	Solar Energy (Elsevier).	4.018
3	Journal of alloy and Compounds (Elsevier) .	3.133
4	Alexandria engineering Journal. (Elsevier).	2.81
5	Case Studies in Thermal Engineering (Elsevier).	1.472
6	Journal of Hazardous, Toxic and Radioactive Waste (ASCE).	1.352
7	Journal of Composite Materials (Sage Publication) .	1.494
8	Journal of the Brazilian Society of Mechanical Sciences and Engineering (Springer).	1.235
9	Transactions of the Indian Institute of Metals (Springer) .	0.533
10	The Scientific World Journal (Hindawi).	1.220
11	Water Science and Technology.	1.197
12	International Journal in Mechanical Engineering.	1.95
13	International Journal of Engineering Reasearch & Application.	1.69
14	International Journal of Engineering Reasearch & Technology.	3.78
15	International Journal of Modern Engineering Research.	1.32
16	VSRD International Journal.	3.75
17	International Journal of Mechanical Engineering Applications Research.	3.71
18	International conference on advances in civil & Mechanical Engineering systems.	2.37
19	International Journal of Engineering & Applied Sciences.	2.11
20	International Journal of Engineering Research & Technology.	3.78
21	International .Journal of Pure and Applied Research in Engg. &Tech.	4.22
22	Indian Journal of Science and Technology	0.68

23	International .Journal of Advanced Research in Computer and Communication Engg.	5.947
24	International Journals of Pharmacy and Technology.	1.2106
25	International Journal For Administration In Management, Commerce And Economics.	1.031
26	Indo Global Journal of Applied Management Science.	3.002
27	International Journal of Application or Innovation in Engineering and Management.	2.0
28	International Journals For Administration in Management, Commerce and Economics.	1.031

3.4.4 Provide details (if any) of Research awards received by the faculty.— Recognition received by the faculty from reputed professional bodies and—agencies, nationally and internationally. Incentives given to faculty for receiving state, national and international—recognitions for research contributions.

	<b>Department of Applied Science</b>
Dr. D. G. Wakde, Director, P.R.P.C.E & M, Amravati	

#### **Awards**

- Aacharya Award by Mama Kshirsagar Shaikshanik Pratisthan, Nagpur, 2003.
- Krushak Bhushan (Dr.Panjabrao Deshmukh) Award by Loksewa & Vikas Sanstha, Chandrapur, Maharashtra (2005).
- Outstanding Branch Counselor & Advisor Award for the year 2002 by the Institute of Electrical & Electronics Engineers, NJ 08854, U.S.A.

# No. of Ph.D. awarded: 03, Thesis Submitted: 02 & Registered for Ph.D.: 06 Association with University Authorities / Bodies

- Member Senate , Academic Council, Board of Examination, Board of University & College Development (BCUD), Board of University & Teaching Research (BUTR), Buildings & Works Committee, Library Committee, Committee 32 (5) (a), Advisory Committee for N.S.S.
- Dean Faculty & Engineering & Technology.
- Chairman/Member Board of Studies in General Engineering, Applied Science &

Humanities under the faculty of Engg. & Tech.

- Chairman/Member-Research Recognition Committee, Faculty of Engg. & Tech.
- Chairman Local Enquiry Committee.
- Vice-Chancellor's Nominee/University experts on Selection Committees for appointments of teachers on following posts -Lecturers, Asstt. Professors, Professors, Principals in colleges affiliated to Sant Gadge Baba Amravati University, Amravati.

#### Name of faculty:- Dr. S. D. Wakde

• Board of Studies in Humanities & Sciences, SGBAU, Amravati.

### Name of faculty:- Dr. N. R. Thakare

- Reviewer for Elsevier Journals
- University Grant Comission funding of 1,60000/- for research project.

# **Department of Electrical Engineering**

# Name of faculty:- Dr. S.D. Warkad

- Electricity Sector Reforms and Electricity Pricing in Developing Countries: A Study in India, LAP LAMBERT Academic Publishing GmbH & CO, Saarbrucken Germany
- Received "Union Ministry of Energy (now Ministry of Energy, Department of Power, Government of India) -Department of Power Prize" for the paper entitled "Optimal Electricity Nodal Pricing in a Restructured Electricity Market" (published in the Electrical Engineering Journal of IEI, Vol. 91, June 2010 issue). The prize- Gold Medal and Certificate of merit is presented by The Institution of Engineers (India) in 26<sup>th</sup> Indian Engineering Congress at Bangalore on December 16, 2011.
- Member of Advisor / Editorial Board, International Journal of Application or Innovation in Engineering & Management (IJAIEM), (ISSN 2319 – 4847).
- Advisory Board Member, *International Journal of Engineering & Management Research* (IJEMR), (ISSN 2250 0758).
- Member of Editorial Board, *International Journal for Research Science* (IJRS), (ISSN 9999 9999).
- Technical Program Committee, 2<sup>nd</sup> International Conference on Advances in Computing, Communication & Automation (ICACCA 2016), 30-1 October 2016, Bareilly (UP).
- Technical Program Committee, 2<sup>nd</sup> IEEE International Conference on Recent Advances and Innovations in Engineering (ICRAIE-2016), 23-25 December 2016,

Jaipur.

- Technical Program Committee, *International Conference on Advances in Computing, Communication & Automation* (ICACCA 2016), 30-31 March 2016, Dehradun.
- Member in International Reviewer's Board Members of Journal of Electrical Systems (JES), Algeria (ISSN 1112-5209)
- Member, National Advisory Board, *International Conference on Advanced Research in Engineering and Technology*, (ICARET 2012), Vijayawada, AP, India.
- Associate Editor, Journal of Electrical and Electronic Engineering (IJEEE),
   InterScience Open Access Journal, (ISSN: 2231–5284).
- Associate Editor, *Journal of Electronic and Electrical Engineering*, Bioinfo Publications, (ISSN: 0976–8106).
- Executive Editor, *International Journal of Neural Networks*, Bioinfo Publications, (ISSN: 2249–2763).
- Member–Editorial Board, *International Journal of Advances in Engineering & Technology* (IJAET), (ISSN: 2231-1963)
- Member–Editorial Board, *International Journal of Recent Technology and Engineering* (IJRTE), (ISSN: 2277 3878).
- Member–Editorial Board and Reviewer, International Journal of Computer and Electrical Engineering (IJCEE), Published by International Association of Computer Science and Information Technology Press (IACSIT), Singapore, (ISSN: 1793-8198).
- Member–Editorial Board and Reviewer, *International Journal of Engineering Trends and Technology (IJETT)*, Seventh Sense Research Group, India, (ISSN: 2231-5381).
- Member–Editorial Board and Reviewer, *International Journal of Soft Computing and Engineering* (IJSCE), India, (ISSN: 2231-2307).
- Member–Editorial Board, International Journal of Innovative Science and Modern Engineering (IJISME), (ISSN: 2319-6386), India.
- Member–Editorial Board, International Journal of Recent development in Engineering & Technology (IJRDET), (ISSN: 2347-6435), India.
- Member-Editorial Board, International Research Network (IRNet) Undergraduate
   Academic Research Journal (URJA), India.
- Member Advisory Board, *International Journal of Engineering & Innovative Technology* (IJEIT), UK, (ISSN: **2277-3754)**.

- Advisory Board member, International Journal of Innovative Research in Engineering, Medical and Pharma science (IJIRMPS)
- Advisory/Editorial Board member, International Journal of Emerging Technology and Advanced Engineering (IJETAE), (ISSN 2250–2459).
- Board Member, SSRG International Journal of Electrical and Electronics Engineering (SSRG-IJEEE) (ISSN: 2231-5381)
- Section Editor and Reviewer, International Journal of Electrical & Computer Engineering (IJECE), Institute of Advanced Engineering and Science publication, Malaysia, (ISSN: 2088-8708).
- Reviewer, *International Journal of Advanced Manufacturing Technology*, Springer Publications, (ISSN: 1433-3015).
- Reviewer, International Journal of Engineering Intelligent Systems (IJEIS), UK.
- Reviewer, International Journal of Computer Applications (IJCA), New York, USA, (ISSN: 0975–8887).
- Reviewer, International Journal of Electrical, Electronics and Computer Systems (IJEECS), (ISSN: 2221-7266).
- Reviewer, *International Journal of Electrical Power & Energy Systems* (IJEPES), Elsevier publications, (ISSN: 0142-0615).
- Reviewer, Indonesian Journal of Electrical Engineering (TELKOMNIKA), Ahmad Dahlan University, Indonesia, (ISSN: 1693-6930).
- Reviewer, *International Journal of Advancements in Technology*, (ISSN: 0976-4860).
- Reviewer, International Journal of Environmental Science & Development (IJESD),
   IACSIT publications, (ISSN: 2010-0264).
- Reviewer, International Journal of Innovative Technology and Creative Engineering (IJITCE), UK, (ISSN: 2045-8711).
- Reviewer, *International Journal of Computational Science and Engineering* (IJCSE), Inder Science Publications, UK, (ISSN: 1742-7193).
- Reviewer, Journal of Advances in Electrical and Electronic Engineering (AEEE),
   VSB Technical University of Ostrava, Czech Republic, (ISSN: 1336-1376).
- Reviewer, *International Journal of Neural Networks*, EBSCO Publishing Inc, USA, (ISSN: 2249- 2771).
- Reviewer, International Journal of Integrated Engineering, (IJIE), (ISSN: 2229-838X)

- Reviewer, International Journal of Computer Engineering and Computational Sciences (IJCECS).
- Reviewer, Scientific Journal Internationals (SJI), State of Minnesota, (ISSN 1556-6757).
- Reviewer, *TransStellar Journal Publications and Research Consultancy* Private Limited (TJPRC), India.
- Reviewer, *Advances in Electrical Engineering Systems* (AEES), World Science Publisher United States.
- Reviewer, International Journal of Artificial Intelligence and Expert Systems (IJAIES), CSC Journals, Kuala Lumpur, Malaysia (ISSN: 2180-124X)
- Reviewer, *Journal of Clean Energy Technologies* (JOCET), IACSIT Press, Singapore (ISSN: 1793-821X)
- Reviewer, 2011 4th IEEE International Conference on Computer Science and Information Technology (IEEE ICCSIT 2011), Chengdu, China.
- Member, i-Explore International Research Journal Consortium (IIRJC)
- Reviewer, International Conference on Environmental and Computer Science series,
   Singapore.
- Technical Session Chair, International Conference on *Electrical and Electronics Engineering* (ICEEE)", Inter Science Research Network, 4<sup>th</sup> Feb, 2012.
- Technical Committee member, International Conference on *Global Innovations in Technology and Sciences*, Kerala, 2013.

# Name of faculty:- Prof. D.A. Shahakar

• Member–Editorial Board, 1) IJET (ISSN: 0974-3588) 2) AESJ (ISSN: 0975-6736)

# **Department of Mechanical Engineering**

#### Name of faculty:- Dr. S. G. Fale

- Best Poster Paper Award, 99<sup>th</sup> Indian Science Congress, Bhubaneswar.(2012).
- M. Tech Projects Reviewer @ V.N.I.T Nagpur
- Foreign Travel Grant from council of Scientific and Industrial research (CSIR), Govt. of India. (CSIR Ref. No- TG/7755/13-HRD, Dated- 22May 2013).
- Foreign Travel Grant From Department of Science and Tecnology Govt. of India. (DST ref No- SD/ITS/02400/2014-15, Dated- 15 July 2014).
- Research Fellowship- Ministry of H.R.D Govt. of India, During July 2010-June 2014.

#### Name of faculty:- Dr. V. B. Gawande

- Reviewer for Elsevier Journals, -1) Applied Thermal Engineering. 2) Alexandria Engineering Journal.
- Research Fellowship- Ministry of H.R.D Govt. of India, During July 2012-May 2016.

#### Name of faculty:- Prof. M.G. Walecha

- Reviewer for McGraw Hill Publications,
  - 1) Fluid Mechanics. 2) Flow Through Open Channel.

# **Department of Electronics and Telecommunication Engineering**

#### Name of faculty:- Prof. S.P. Bhonge and Prof. G.P. Borkhade

Best Paper Award (ICETE-2012)

### **Department of Computer Science and Engineering**

### Name of faculty:- Prof. V. B. Gadicha

• Member-Editorial Board, 1JOC 2) IEJRD 3) IJAETNAS 4) IORD

#### Name of faculty:- Prof. A.D. Lonare

• Best Paper Award at ICPVS-2014

# Department of M.C.A

### Name of faculty:- Dr. C. A. Dhawale

#### **Editorial board member**

- 1) IJCA
- 2) International Journal of Electronics and Electrical Engineers.
- 3) International Journal of Innovative Research in Information Security.
- 4) International Journal of Advancements in Computing Technology.
- 5) International Journal on Advances in Information Sciences and Service Sciences
- 6) International Journal on Advances in Information Sciences and Service Sciences
- 7) International Journal on Advances in Information Sciences and Service Sciences.
- 8) Covenant Journal of Computer Science, Vietnam.

# 3.5 Consultancy

# 3.5.4 List the broad areas and major consultancy services provided by the institution and the revenue generated during the last four years.

#### Ans.:

- TCS conducted exams like IIM CAT, GATE, IBPS etc. along with department of Computer Science & Engineering of the Institute and revenue of approximately Rs.
   25, 00,000/- were generated in the last four years.
- Also some other exams for various posts are conducted by the Institution and the revenue generated of approximately Rs. 5, 00,000/-.
- Consultancy for technical solution to Shree Aqua, Amravati and revenue generated of approximately Rs. 25,000/-.

# 3.6 Extension Activities and Institutional Social Responsibility (ISR)

3.6.1-How does the institution promote institution-neighborhood- community network and student engagement, contributing to good citizenship, service orientation and holistic development of students?

# Ans.: Awareness programs- for institution society Interactions

#### **❖** Mechanical Engineering

Sr.No.	Name of Program	Date and Venue	Duration	Faculty Present
1	Automobile Technology and Android Technology.	26/04/2015, Teaching Center @ Warud	01 day	Prof. P.S. Ardak, Prof. S. P. Yeole, Prof. G. S. Mahalle, Prof. Sagar Khade
2	On Wheel Career Fair.	26-8/12/2016,@  Tompe College  Chandur-Bazar.	01 Day	Prof. A.S. Shaikh Prof. P.B. Pathond
3	Solar energy awareness program [for S.S.C and H.S.S.C students.	09/01/2017 @Dr. Mukundrao Pawar Sainik School, Dhamangaon Railway	01 day	Dr. S.G. Fale, Prof. V.G. Gore Prof. R. K. Kulkarni, Prof. G. S. Mahalle Prof. S.P. Yeole

# **❖** Civil Engineering

Sr.No.	Name of Program	Date and Venue	Duration	Faculty Present
1	Motivational Talk on Social Awareness.	29/03/2016 @ P.R.P.C.E & M, Amravati	1 Day	Prof. M.A. Rehman Prof. A.K. Chitkeshwar

# **\*** Electronics and Telecommunication Engineering

Sr.No.	Name of Program	Date & Venue	Duration	Faculty Present
1	Robotics & Recent Trends in Technology [for S.S.C and H.S.S.C students]	12 <sup>th</sup> April 2015 @ at Paratwada	01 day	Prof. R. D. Ghongade, Prof. G. D. Dalvi, Prof. V. B. Langote, Prof. D. A. Shahakar, Prof. R. D. Shushir, Prof. P. B. Ingle
2	Student Enrichment program "Introduction to BHIM app"	14 <sup>th</sup> Feb. 2016 @ Siddhartha Jr. College, Paratwada	01 day	Prof. U. W. Hore, Prof. R. V. Tambat, Prof. R. D. Sushir, Prof. M. P. Kalmegh
3	Student Enrichment program "Introduction to IRCTC app"	16 <sup>th</sup> Feb. 2016 @  Muncipal Jr.  College,  Paratwada	01 day	Prof. A. P. Dhande , Prof. R. P. Dhewale, Prof. P. B. Ingle, Prof. J. L. Pawde

# **\*** Computer Science Engineering

Sr.No.	Name of Program	Date and Venue	Duration	Faculty Present
1	Promoting Digital Payments in India	04/01/2017@ Sitabai Sanghai High School, Anjangaon Surji	01 day	Prof. V. B. Gadicha, Prof. P. V. Kale, Prof. F. M . Shelke , A. K. Jamnekar
2	Workshop on Recent Technologies (Android & Web Technologies)	04/01/2017 @ Prabodhan Vidyalya, Daryapur	01 day	Prof. V. B. Gadicha, Prof. C. J. Shelke, Prof. A. V. Dahat, Prof. P. V. Kale, Prof. F. M . Shelke
3	Workshop on Web Site Development	04/01/2017 @ Sitabai Sanghai High School, Anjangaon Surji	01 day	Prof. V. B. Gadicha, Prof. S.S. Sagane Prof. A. V. Dahat, Prof. P. V. Kale,

# **❖** M.B.A Department

Sr.No.	Name of Program	Date and Venue	Duration	Faculty Present
	Workshop on	11/01/2017 @		
	awareness about	1. Mahatma Phule		
	cashless transaction	College, Warud		Prof. S.R. Shah
1	and Economics of	2. Janta High School &	One Day	Prof. A. N. Tondre
1	Demonetization -	Junior College,		Prof. S. K. Singh
	MAKING INDIA	Shendurjanaghat		
	CASHLESS	3. Arts & Commerce		
	ECONOMY	College, Jarud		

# **Department of Applied Science**

S. No.	Name of Program	Venue	Duration	Faculty Present
1	ROBOTICS [for S.S.C and H.S.S.C students]	06/05/2016 @ Coaching classes, Akot	01 day	Prof. P. R. Wadnerkar, Prof. N.R.Bobade, Prof. S. S. Nerkar, Prof M. M. Gupta, Prof. J.S.Wath, Prof. A. T. Bundele
2	Digital India Awareness Program	01/10/2016 @ Chandur Railway	01 day	Prof. P. R. Wadnerkar, Prof. G. B. Malviya, Dr. N. A. Kalambe, Prof M. M. Gupta, Prof. A.V.Dahat, Dr. Y.K. Vyawahare

# **\*** Electrical Engineering Department

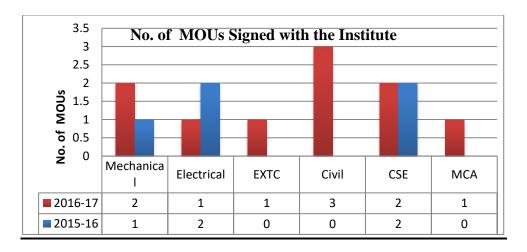
Sr.No.	Name of Program	Date and Venue	Duration	<b>Faculty Present</b>
1	Robotics Workshop	00/05/0014 0 35	01 day	Prof, P. S. Varma
1	Robotics Workshop	02/05/2014 @ Mozari	01 day	Prof. A.A. Ghute
2	Dobotics Workshop		O1 day	Dr. S. B. Warkad
2	Robotics Workshop	10/05/2015 @ Wathoda	01 day	Prof. A. H. Hade
2	Dobotics Workshop		O1 days	Prof. A.A. Malik
3	Robotics Workshop	07/05/2016 @ Arvi	01 day	Prof. D.A. Saharkar

# 3.7 Collaboration

3.7.2 Details of the MoUs/ collaborative arrangements (if any) with institutions of national importance/ other universities/industries/ Corporate (Corporate entities) etc. and how they have contributed to the development of the institution.

# • Summary of MOUs signed with the institute

S.No	Department/Year	2014-15	2015-16	2016-17	Total
1	Mechanical	NIL	01	02	03
2	Electrical	NIL	01	02	03
3	EXTC	NIL	NIL	01	01
4	Civil	NIL	NIL	03	03
5	CSE	NIL	02	02	04
6	MCA	NIL	NIL	01	01
				<b>Grand Total</b>	15



# (A) Mechanical Engineering Department

S.No	Year	Name of industry	Subject/Field of MOU	Date of M.O.U	Period of M.O.U
1	2015-16	Indian Biodiesel  Corporation  Research Lab  Baramati	Biodiesel / For the associate research project work	27/12/2016	For next 07 years from date of M.O.U

2	2016-17	Indian Biodiesel  Corporation  Research Lab At  Baramati	Biodiesel / For the associate research project work	18/01/2017	For next 07 years from date of M.O.U
3	2016-17	A.M.Z, Automotive. Mahatma Gandhi Nagar, Near Elements Mall, Ajmer Road Jaipur	Automobile and Vehicle Dynamics	24/07/2017	For next 01 year

# (B) Electrical Engineering Department

S.No	Year	Name of industry	Subject/Field of MOU	Date of M.O.U	Period of M.O.U	
1	2015 16	Kothari Power	Projects, Training,	20/06/2015	Next 05	
1	2015-16	systems	Expert Faculty Sharing	20/00/2013	Years	
2	2016-17	Auto Sys, Indore	Industrial Automation	20/12/2016	Next 05	
2	2010-17	Auto Sys, muore	Training Program	20/12/2010	Years	
3	ME.D.C.L ,		Projects, Training, Visits	03/05/2017	Next 01	
3	2010-17	2016-17 Nashik		etc	03/03/2017	Year

# (C) Electronics and Telecommunication Engineering

Sr. No.	Year	Name of industry	Subject/Field of MOU	Date of M.O.U	Period of M.O.U
1	2016-17	MDB Electro	Corporate Induction	19/02/2016	For next
1	2010-17	Soft,Amravati	Training	18/02/2016	01 Year

# (D) Civil

Sr.	Year	Name of industry	Subject/Field of MOU	Date of	Period of
No.				M.O.U	M.O.U
		M/S Tongse and	Laboratory Testing in		
1	2016-17	Patil Engineers,	Geotechnical	20/04/2017	For next 01 Year
		Amravati	Engineering		i ear

2	2016-17	M/S S.L. Kothari & Sons Pvt. Ltd.Amravati.	Support for laboratory testing	20/06/2017	For next 01 Year
3	2016-17	M/S Daga Infratech Pvt. Ltd.Amravati.	Support for laboratory testing	05/07/2017	For next 01 Year

# (E) Computer Science and Engineering Engineeering

Sr.	Year	Name of industry	Subject/Field of	Date of	Period of
No.			MOU	M.O.U	M.O.U
1	2015-16	Syntego Global IT System Pvt. Ltd, Kothrud Pune.	Corporate Induction Training	08/01/2016	For next 03 years
2	2015-16	Redmap eLearning Solution LLP, Gurgaon.	Corporate Induction Training	27/01/2016	Mutual
3	2016-17	Axiom Softech Pvt. Ltd, Nagpur.	Summer/Winter Internship	13/01/2017	Two Years
4	2016-17	KONGO Educational Sevice Pvt Ltd. Kurla, Mumbai.	Gate Coaching	31/05/2017	Mutual

# (F) M.C.A Department

Sr.	Year	Name of	Subject/Field of MOU	Date of	Period of	
No.		industry		M.O.U	M.O.U	
1	2017-18	Ctronics	Software Training &	24/07/2017	1 Year	
1	2017-18	Systems	Current Trends in Industry	24/07/2017	1 Teal	

### **CRITERION-IV**

### INFRASTRUCTURE & LEARNING RESOURCES

# 4.1 Physical Facilities

4.1.3 How does the Institution plan and ensure that the available infrastructure is in line with its academic growth and is optimally utilized?

Give specific examples of the facilities developed/augmented and the amount spent during the last four years (Enclose the Master Plan of the Institution/ campus and indicate the existing physical infrastructure and the future planned expansions if any).

#### Ans.: Planning and Ensuring of Infrastructure:

- The Institute develops the infrastructure as per the norms of AICTE. The experts from the regulatory authorities regularly monitor and visit the Institute. This enables the Institute to ensure the infrastructure adequacy and optimum use for academic growth.
- Classrooms, Laboratories, Library, Amenities, and all other facilities are designed and constructed as per AICTE norms in connivance towards total intake capacity.
- SGBAU, Amravati deputes the LEC to our institute every year since establishment for necessary inspection and decision on continuation of affiliation.

#### Facilities developed in last four years -

- In last four years the Institute has developed the class rooms, labs, tutorial rooms and seminar halls to meet the requirement of regulatory bodies and also for effective implementation of academics. The Institutes has enriched the labs with needed equipments, instruments, computers and software, etc.
- Institute has also developed the special labs to meet the requirements of PG courses for research and development.

Amount spent in last five years are as follows-

Sr.	Infrastructure	Particulars			Amount	in lakhs.		
No.		<b>2 H. V. C. H.</b>	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
1	Immovable	Building	0.00	0.00	0.00	0.00	0.00	0.00
		Computers & accessories	52.09	21.05	26.96	8.33	2.36	4.71
		Office equipment	7.99	8.56	0.00	0.00	2.86	4.15
		Networking equipment	1.87	0.00	0.00	0.00	0.00	0.00
		Furniture & fixtures	18.06	13.70	6.56	22.28	5.23	16.86
2	Movable	Library books	10.51	12.08	15.57	9.92	4.82	3.62
		Sports equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Laboratory equipment	26.21	73.43	34.83	25.15	7.26	5.01
		Vehicles	0.00	0.00	0.00	0.00	0.00	0.00
		Electrical installations	0.00	0.00	9.79	0.00	0.00	8.02
		Total	116.73	128.82	93.71	65.68	22.53	42.37

# 4.2 Library as a Learning Resource

# 4.2.3 How does the library ensure purchase and use of current titles, print and e-journals and other reading materials? Specify the amount spent on procuring new books, journals and e-resources during the last four years.

Ans.: Library is taking due care to purchase published titles every year. The latest catalogues are available with the Library. Furthermore, faculties are consulted while recommending books. The catalogue is also mailed to the concern department for their information and recommendations. The library requisition form is given to the staff for recommending books. In addition, the students' demand for books is processed through department by preparing and submitting list to the library. Library always takes care to fulfill the norms given by Apex bodies regarding books, journals and other library holding.

# Expenditure on procuring new books, journals and e-resources during last four years.

Library	2012	2-2013	2013-2	014	2014	4-2015	20	15-16	2010	6-17
Holdings	Number	Total Cost(Rs.)	Number	Total Cost(Rs.)	Number	Total Cost(Rs.)	Number	Total Cost(Rs.)	Number	Total Cost(Rs)
Text Books and Ref. Books	3206	13,50,035/	2390	11,24,985	1833	9,61,186	1389	7,06,407 /-		95461/
Journals/ Periodicals	93	1,,93,000/	94	2,44,139/-	105	3,02,489	105	2,95422/		
e- resources	for IEEE & ASME	237471/-	(08) IEEE , ASME, TMH Digit, EMARALD, ELSEVIER, JGATE,AST M WILEY-BL. WELL JGATE- MBA.	1387500/-			IEEE & ASME	8,06,360 /-		197200

# 4.3 IT Infrastructure

- 4.3.1. Give details on the computing facility available (hardware and software) at the institution.
  - Number of computers with Configuration (provide actual number with exact configuration of each available system)
  - Computer-student ratio
  - Stand alone facility
  - LAN facility
  - Wi-Fi facility
  - Licensed software
  - Number of nodes/ computers with Internet facility
  - Any other

Ans.:

Sr.	Particulars	Hardware	Number		
No.					
1	Number of computers with Configuration (provide actual number with exact configuration of each available system)	Intel Dual Core, 1GB Ram,160 GB HDD,18.5" TFT Monitor	588 computers		
3	Stand alone facility	Yes	CCTV camera:45, LCD Projectors:42, Printer: 25		
4	LAN facility	Yes	70 Mbps		
5	Wi-Fi facility	Yes			
6	Licensed software	Microsoft campus Agreement, Windows 7 os license, Rationa CATIA-V5, ODLL(Orall Digital language			
		Rational Rose Suit Enterprises	S		
		Ms DesktopEdu AllLang Lic/SA Pack OLV			
		Ms Windows Server Std AllLang Lic/SA, Pack OLV2			
		MS Visual Studio Pro W/MSDN Lic /SA Pack OVL			
		MS.Windows SL 8.1 Get Genuine			
		Desktop Edu Alng LicSA Pk (	DLV E1Y Acdmc Ent		
		License. Consist of Windows 8 Enterprises Updg,Ms Office Pro.Plus Windows CAL,Exchane Cal SCCM Cal,Lync,Cal			
		SharePoint CAL,ForeFront	CCWI Cai,Lylic,Cai		
		Ms Windows Server Std All L	ang Lic/SA		
			_		
		Pack OLV E 1 year Acdmc AP 2Proc  MS Visual Studio Pro W/MSDN Lic /SA Pack OVL E 1			
		yr Acdmc Ap	DIVERSITATION OVER I		
		Desktop Edu Alng LicSA Pk OLV E1Y Acdmc Ent			
		License.Consist of Windows 8.1 Enterprises Updg,Ms			
		Office Pro. Plus Windows CA	1 1 0		
		Cal,Lync,Cal SharePoint CAL	<i>'</i>		
		Ms Windows Server Std AllLa			
		Pack OLV E 1 year Acdmc AF			
		MS Visual Studio Pro W/MSDN Lic /SA Pack OVL E 1			
		yr Acdmc Ap			
		MATLAB 11.0 and toolboxes (25 user)			
		Micro wind 3.5			
7	Number of nodes/ computers with Internet facility	365 computers			

4.3.4 Provide details on the provision made in the annual budget for procurement, up gradation, deployment and maintenance of the computers and their accessories in the Institution (Year wise for last four years)

**Ans.:** The details of annual budget and its utilization is as follows.

Sr. No.	Financial Year	Provision in the budget, (in Lakh)	Utilization
1	2017-18	10.79	-
2	2016-17	10.00	4.71
3	2015-16	5.00	2.36
4	2014-15	10.00	8.33
5	2013-14	30.00	26.96

# 4.4 Maintenance of Campus Facilities

4.4.1 How does the Institution ensure optimal allocation and utilization of the available financial resources for maintenance and upkeep of the following facilities (substantiate your statements by providing details of budget allocated during last four years)?

Ans.:

Sr.	Dogovintion	Budget Allotted (F.Y)Rs. (in Lakhs)				
No.	Description	2013-14	2014-15	2015-16	2016-17	2017-18
A	Building	0.00	0.00	0.00	0.00	0.00
В	Furniture	25.00	25.00	10.00	20.00	18.60
C	Equipment	26.00	30.00	10.00	10.00	65.00
D	Computers	30.00	10.00	5.00	10.00	10.79
E	Vehicles	0.00	0.00	0.00	0.00	0.00
F	Any other	16.00	10.00	10.00	20.00	40.00

### **CRITERION-V**

# STUDENT SUPPORT AND PROGRESSION

# 5.1 Student Mentoring and Support

5.1.2 Specify the type, number and amount of institutional scholarships /free ships given to the students during the last four years andwhether the financial aid was available and disbursed on time?

#### Ans.:

Institute grants various types of scholarships/ free-ship to the eligible students offered by DTE and AICTE.

It grants

- Scholarship and Free ship to SC/ST/OBC students.
- EBC to students belonging to economically backward class.
- Minority Scholarship to eligible students
- GATE stipend to eligible students.
- In addition, the scholarship for economical weak students at the Institute level.

The details of the amount and number of students are as follows

Type of Scholovship	Academic Year					
Type of Scholarship	2013-14	2014-15	2015-16	2016-17		
No. of students eligible for Scholarship (SC/ST/VJ)	272	311	367	339		
Amount Disbursed	21590704	25542636	30232519	28308413		
No. of students eligible for Scholarship (OBC/SBC)	452	591	691	741		
Amount Disbursed	17563916	23893256	28196685	30067094		
No. of students eligible for Free ship	361	369	356	359		
Amount Disbursed	18634719	19715382	19624283	20506863		
No. of students eligible for EBC	93	113	122	135		
Amount Disbursed	3263139	4351451	4628820	5252975		
No. of students eligible for Minority Scholarship	54	55	42	49		
Amount Disbursed	1350000	1366400	1026310	1225000		
No. of students eligible for Gate stipend	1	1	Nil	Nil		
Amount Disbursed	80000	80000	00	00		

# 5.1.3 What percentage of students receives financial assistance from state government, central government and other national agencies?

Ans.: Following are the details of the percentage of students receiving the financial assistances

Academic Year	2013-14	2014-15	2015-16	2016-17
Percentage of students eligible for Scholarship(SC/ST/VJ)	16.02	15.23	15.47	15.99
Percentage of students eligible for Scholarship(OBS/SBC)	26.58	28.74	31.55	34.95
Percentage of students eligible for Free ship	20.94	16.85	14.96	16.93
Percentage of students eligible for EBC	5.87	5.55	5.65	6.36
Percentage of students eligible for Minority Scholarship	3.32	2.70	1.94	2.31
No. of students eligible for Gate stipend	1	1	0	0

5.1.7 Enumerating on the support and guidance provided to the students in preparing for the competitive exams, give details on the number of students appeared and qualified in various competitive exams such as UGC-CSIRNET, UGC-NET, SLET, ATE / CAT / GRE / TOFEL / GMAT / Central /State services, Defense, Civil services, etc.

Ans.:

Year	Exam	Appeared	Qualified
	GATE/GRE/TOEFL	59	13
2013-14	Central/State Services	05	03
	Defense, Civil services	01	01
	GATE/GRE/TOEFL	56	06
2014-15	Central/State Services	08	04
	Defense, Civil services	NA	NA
	GATE/GRE/TOEFL	69	03
2015-16	Central/State Services	Nil	Nil
	Defense, Civil services	01	Nil
	GATE/GRE/TOEFL	55	01
2016-17	Central/State Services	14	01
	Defense, Civil services	01	Nil

- 5.1.9 Does the Institution have a structured mechanism for career guidance and placement of its students? If 'yes', detail on the services provided to help students identify job opportunities and prepare themselves for interview and the percentage of students elected during campus interviews by different employers (list the employers and the programmes).
- **Ans.:** Yes, Institute has a structured mechanism for career guidance for students. Under the guidance of the Principal, the Institute's Training and Placement Department carry out different activities related to both training and placement of students. These include,
  - Maintaining students' data, maintaining list of companies / organizations with contact details of the concerned HR personnel.
  - Arranging training activities to enhance technical and soft skills. It includes technical
    training as per requirements, positive attitude development, goal setting, development
    of leadership qualities, decision-making, team building, communication and aptitude
    skill development.
  - Arranging group discussions and mock interviews.
  - Arranging expert / guest lecturers of Industry personnel.
  - Arranging Industrial training / tour.
  - Informing students about the vacancies offered by government and other agencies.
  - Arranging Campus placement of different industries.

The placement cell of the Institute invites reputed companies for campus recruitments. The students are also sent to attend off campus drives.

The details of placement are as follows:

Sr.	Department	No. of Students Placed			
No.	Depar unent	2013-14	2014-15	2015-16	2016-17
1	CSE	25	13	22	36
2	EE	07	08	21	20
3	EXTC	18	11	36	13
4	MECH	17	06	10	17
5	MCA	08	18	05	Nil
6	MBA	07	14	21	17

# **List of Employers:**

Sr. No.	Name of Company	Sr. No.	Name of Company
1.	L&T Infotech	52	Enable IT Sol.
2.	TCS	53	PeoplesKart
3.	Wipro	54	Rattan Power
4.	Persistent	55	HDFC Life
5.	Quick Heal	56	Monster Instinct
6.	Dell	57	FACE Pvt. Ltd.
7.	WindWorld	58	NitorInfotech
8.	IBM	59	Triveni Turbine
9.	Zensar	60	EtkinInfotech
10.	HCL	61	TapadiyaPolyster
11.	Abellon Energy	62	Amazatic Sol.
12.	Novatech	63	WhiteSnow
13.	Michelin	64	Anglo Eastern Ltd.
14.	Diffusion	65	iNSPiRE
15.	TAL-Tata Entp	66	NSP Future Tech
16.	Xento Systems	67	Astral Info
17.	Tega Ind. Ltd	68	Indus Tower
18.	John Energy	69	Qualitas Glob.
19	SMS	70	Jaro Education
20	OfficeBox	71	Smc
21	Piaggio	72	Edelweiss
22	Mphasis	73	Force
23	Bajaj Steel	74	Mahindra Finance
24	Ashida Elect.	75	Zeppelin
25	Zeon	76	Nice Software
26	BharatiAirtel	77	Just Dial

27	Yodlee	78	Infocepts
28	Novire Tech	79	Homes4India
29	Excellon	80	Asahi Glass Pltd.
30	Smartdata	81	Syntego
31	Percept Web	82	Eternus Solutions
32	WebtechDevp.	83	Amazon
33	Vodafone	84	CMS Pvt. Ltd.
34	Tata Motors	85	Axiom Soft. Ltd.
35	Clearpath	86	RDP Telecom
36	Inteliment	87	Infosys
37	ParaMatrix	88	IWS
38	Alacrity Sol.	89	CSSCorp.
39	aXYKno	90	IRIS Software
40	Genpact	91	SLK Group
41	KloudData	92	Esense IT Solu.
42	ManthanStd.	93	Capearc
43	Millennium In.	94	Getlogic
44	Spire Pvt. Ltd.	95	NeoSoft Tech.
45	Sthapatya Con.	96	Tudip Tech.
46	Genpact	97	Barclays
47	Sutherland	98	EPIC Research
48	Twist Mobile	99	Cybertech
49	UBE Ind. Ltd	100	TechInfini
50	Unikaihatsu	101	RnRDataLex
51	Vedang Tech	102	Concierge

# 5.1.10 Does the Institution have a student grievance redressal cell? If yes, list (if any) the grievances reported and redressed during the last four years.

**Ans.:** With reference to AICTE letter No. 1-101/DPG/ AICTE/ ombudsman/2012 Dt.9<sup>th</sup>July 2012; Institute has constituted "Grievance Redressal Committee".

# **Suggestion Box:**

Institute keeps suggestion boxes at various places within institute so that stakeholders put their comments, suggestions, and requests without directly meeting to the authorities. Cognizance of all these is taken by concern authority. Suggestions, complaints or feedback given on plain paper provides greater opportunity to serve stakeholder better.

Sr.	Grievances Reported	Grievances Redressed	
No.	Grievances Reported	Grevances Redressed	
01	To increase the recess timings.	Previously first Recess was for 20 minutes, now it is 30 minutes.	
02	Water cooler and Aqua guard is not working in 2 <sup>nd</sup> floor of main building.	It was repaired under AMC	
03	Students reported less no. of books in Library.	New books were purchased & Book Bank was expanded	
04	Two fans of one class room of Dept. of Electronics & Tele. Engg. were not working.	Electrician called & repaired.	
05	College Bus Timings.	Changed the timings as per requirement and the frequency of bus also increased.	
06	Demand of Girls Common room.	Girls' Common room made available in each building.	
07	Students reported less no. of books related to general reading & competitive exams.	New books were purchased& reference section of library was strengthened.	
08	Students reported less no. of sports material.	Letter forwarded to Physical Director to purchase the sports material.	
09	Water Cooler not working	Electrician called & repaired.	
10	Dust & Garbage in college premises	Sweeper sent to clean it	

11	Fan & Tub lights not functional	Electrician called and verifies the electric devices & repaired those which are not functional.
12	Washroom not clean and neat	Sweeper appointed to clean it regularly
13	Internet access time is limited	Internet access provided into lab in free time
14	Cleanness & seating arrangement in canteen	Instruct to canteen supervisor to maintain the same.
15	Two wheeler Parking space in insufficient	Parking space extended for students

# 5.1.11 What are the institutional provisions for resolving issues pertaining to sexual harassment?

### **Ans.: Internal Complaints Committee (Vishakha Committee) Activities:**

The Sexual Anti-Harassment Committee known as Vishakha Committee exists in the Institute as Internal Complaints Committee according to the Indian Pinal Code Act 2013 "Prevention Prohibition and Redressal Act" regarding the sexual Harassment of Women at Workplace.

The members of the **Internal Complaints Committee** (Vishakha Committee) are as follows.

- 1. Chairperson Dr. Mrs. Sadhana D. Wakde (Principal)
- 2. Member Dr. G.G. Wakde (Director, PRPPEWTGICOEM)
- 3. Member Prof. Mohd. Zuhair (Vice Principal & HOD, Civil Engg)
- **4.** Coordinator Dr. Nilima A. Kalambe (Chairperson of Committee)
- **5.** Member Prof. P.S. Ardak (Male Faculty Representative)
- **6.** Member Prof. Y. D. Shahakar (Woman, Faculty Representative)
- 7. Member Mr. Rajiv R. Rajas (Male Non Teaching Staff Representative)
- **8.** Member Mrs. N. A. Vidhale (Female Non Teaching Staff Representative)
- **9.** Member Adv. Pravin M. Mohod (Management representative)
- **10.** Member Mrs. Jayshree K. Deshmukh (NGO Representative)
- **11.** Member Adv. Pallavi A. Zatale (Lady Lawyer)
- **12.** Member Mr. Mohd. Sufian Mohd. Shakeel (Student Representative, Male)
- **13.** Member –Mr. Gopal S. Mohalkar (Student Representative, Male)
- **14.** Member –Ms. Snehal Gadpale (Student Representative, Female)
- **15.** Member –Ms. Juhi Dakhane (Student Representative, Female)

# 5.1.12 Is there an anti-ragging committee? How many instances (if any) have been reported during the last four years and what action has been taken on these?

#### Ans.:

Yes, the Institute has an anti-ragging committee comprising Principal, senior faculty members and other members as follows.

SN	Name	Designation
1	Dr. S. D. Wakde	Principal
2	Dr. N. R. Thakre	Coordinator
3	Shri. Vilas A. Marathe	Editor -Media
4	Adv. P.M. Mohod	NGO in youth activity
5	Shri G. G. Solanke	POLICE
6	Prof. M.S. Nirmal	Parent
7	Ku. Ankita Thakre	Senior Student
8	Mr. Ved V kulat	Fresher Student
9	Mr. Kishor B. Deshmukh	Office Superintendent
10	Mr. Kundan Yadav	Non Teaching Staff member

Till date, no incident of ragging of any kind has been reported in the Institute.

# 5.1.14. Does the Institution have a registered Alumni Association? If 'yes', what are its activities and major contributions for institutional, academic and infrastructure development?

Ans.: Yes', Reg No: MH / 201/ 2013

Institute arranges Alumni meet once in a year. The Alumni take this meet as an opportunity to meet with the juniors and guide them on various aspects. They are associated with the institute and provide their educational or employment related updates.

The association helps rejuvenate the memories of the Institute, and form a network of Alumni. Today it is the backbone of the institution.

Sr	Name of Members	Designation	Age	Nationality	Occupation
No.	N. 44 177	D 11	20	T 1'	G :
1	Mr. Atul Kisanrao Jamnekar R/o At Apatapa Post Apoti (Khurd) Tq Akola Dist Akola Pin 444001	President	30	Indian	Service
2	Mr. Falesh Moreshwar Shelke R/O Devi Nagar, Camp Amravati, Tq & Dist Amravati	Vice- President	23	Indian	Service
3	Mrs. Aparna Sanjay Bhande R/O 752, GTS-4,42 Pote Estate, Kathora Road, Amravati	Secretary	42	Indian	Service
4	Mr. Rushikesh Sudhakar Kene R/O Sonal Colony, Shegaon Naka, Rahatgaon Road, Amravati	Joint Secretary	25	Indian	Service
5	Mr. Mohmd. Amir Malik R/O Quazi Pura, Near Mansuri Masjid, Anjangaon Surji, Dist Amravati.	Treasurer	24	Indian	Service
6	Mr. Shrikant Laxman Borole R/o Plot. 41 Vidhyut Nagar VMV Road Amravati, Tq & Dist Amravati	Member	24	Indian	Service
7	Miss Payal Prabhakar Kilor R/O At Post Walgaon Tq & Dist Amravati	Member	24	Indian	Service
8	Mr. Hemanshu Lalit Khakole R/O State Bank Road Chandur Rly, Tq Chandur Rly Dist Amravati	Member	22	Indian	Business
9	Mr. Aman Shyam Sahu R/O Masanganj Amravati Tq & Dist Amravati	Member	24	Indian	Higher Studies
10	Miss. Apurva S. Ubale R/O Bilanpura (Sawarkar Nagar) Achalpur, Dist Amravati	Member	22	Indian	Higher Studies
11	Miss. Vrushali S. Ajankar R/O Sawata Chowk, Malipura, Morshi, Tq Morshi Dist Amtravati	Member	24	Indian	Higher Studies

# Major activities of this association are

- Networking with alumni
- Arranging alumni meets
- Creating alumni chapters
- Conveying institute updates to alumni
- Getting feedback from alumni
- Maintain record of alumni contributions like expert lectures, placement activities etc.

#### Contribution of Alumni:

- Alumni have their communication network. They post the articles of the new technologies, advancements and career opportunities.
- Alumni always help the institute for the Placement purposes.
- Alumni visit the Institute for sharing their valuable experiences with juniors. They
  provide guidance related to curriculum enhancement, lab development, industry
  oriented project work, trainings and visits.

# **5.2 Student Progression**

5.2.1 Provide the percentage of students progressing to higher education or employment (for the last four batches) highlight the trends observed.

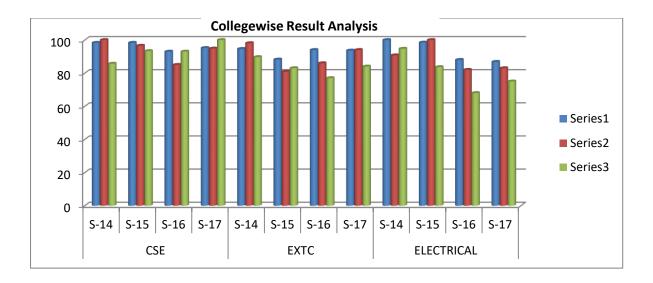
Student Progression	2013-14	2014-15	2015-16	2016-17
State of Togression	Number	Number	Number	Number
UG to PG	50	12	18	23
Campus Recruitment	82	70	115	151
Off Campus Recruitment	37	22	35	39

5.2.2 Provide details of the programme wise pass percentage and completion rate for the last four years (course wise/batch wise as stipulated by the university)?

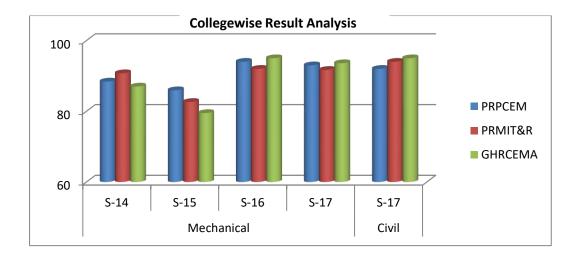
Furnish programme-wise details in comparison with that of the previous performance of the same Institution and that of the Colleges of the affiliating university within the city/district.

Ans: Programme-wise details in comparison with that of the previous performance (Final year Result) of the same Institution and that of the Colleges of the affiliating university within the city/district:-

Branch	CSE			EXTC			ELECTRICAL					
College / Year	S-14	S-15	S-16	S-17	S-14	S-15	S-16	S-17	S-14	S-15	S-16	S-17
PRPCEM	98.31	98.33	93	95.19	94.64	88.24	94	93.65	100	98.46	88	86.82
PRPCOET	100	96.55	85	94.87	98.11	80.88	86	94	90.77	100	82	83
GHRCEMA	85.71	93.33	93	100	89.7	83.02	77	84	94.73	83.67	68	75



Branch		Civil			
College / Year	S-14	S-15	S-16	S-17	S-17
PRPCEM	88.41	85.95	94	93	92
PRMIT&R	90.76	82.64	92	91.7	94
GHRCEMA	87	79.5	95	93.6	95



# 5.3.1 List the range of sports, games, cultural and other extracurricular activities available to students. Provide details of participation and program calendar.

# **Ans.:** Details of participation: (sports)

Participation in Inter collegiate tournaments:

Sr.	Nature of	Recognitions/		No. of Participants			
No.	Activity	Awards	2012-13	2013-14	2014-15	2015-16	2016-17
01	Swimming		05	06	09	07	05
02	Badminton		10	10	10	10	10
03	Kabaddi		12	12	12	12	12
		University					
04	Chess	Color coat : Mr. Aman Munot (MBA)	06	06	6	06	06
05	Cricket		32	16	16	16	16
06	Cross country	University Color coat : Mr. Dinesh Dharpawar(Mec h)	02			01	09
07	Valley ball		11	12	12	12	12
08	Foot ball		16	16	18	17	20
09	Table tennis		04	05	04	04	05
10	Athletics		09	10	19	23	16
11	Kho-kho		12	12		12	12
12	Soft ball		15				
13	Ball Badminton				10		
14	Boxing				03	01	01
15	Basket Ball						12
16	Base Ball						15

# Participation at Institute level, University level, State level & National Level:

	2013-14						
1	Karate	State Level	Gold Medal	01			
2	Karate	University Level		03			
3	Carom competition	Institute Level	Best Player				
4	Kabaddi	Institute Level	Runner up				
		2014-15					
5	Carom competition	Institute Level	First price	02			
6	КНО-КНО	Institute Level	Best Player				
	2015-16						

7	Carom competition	Institute Level	First price	
8	КНО-КНО	Institute Level	Runner up team	
9	Valley Ball	National Level Inter	Dunnerun	10
9	valley Ball	Engg. Soprts Meet	Runner up	10
10	Volley ball	Institute level	3 rd Rank	06
11	Cricket	Institute level	2 nd Rank	11
		2016-17		
12	Carom competition	Institute Level	First Prize	04
13	КНО-КНО	Institute Level	Winner(Ele)	12
14	Valley Ball	Institute Level	Winner(Mech)	12
15	Kabaddi	Institute Level	Winner	12

- Institute organizes a mega technical event, "TECHELONS" every year for the students, so that they will get the information about recent technology. The events details are as follows.
  - > Paper Presentation
  - Project/ Model Competition
  - > Robotics
  - Poster Presentation
  - Contraption
  - ➤ On spot games: Town planning, Junk Art, C coding, etc.

# Prizes and awards for extra-curricular and co-curricular Events:

Sr.	Nature of Activity	Level	Recognitions/	No. of			
No.	ivature of Activity	Level	Awards	participants			
	2013-14						
1	Circuit Mania	International Level	First Prize	02			
2	Junk Art	National Level	Second prize	01			
3	Mehandi Competition	State Level	First Prize				
4	Dance and drama competition	Institute Level	Second rank	08			
5	Fashion show	Institute Level	Third rank	15			
6	Music	Youth Festival, University Level		06			
7	Dance	Youth Festival, University Level		09			
8	Literature event	Youth Festival, University Level		05			

_		Youth Festival,			
9	Theatre	University Level		09	
10	Fine arts	Youth Festival,		05	
10	rine arts	University Level		0.5	
		2014-15			
1	Mehandi Competition	Institute level	First Prize		
2	Fashion Show	Institute level	Second prize		
3	UNMESH	Institute level	Best anchor award		
4	UNMESH	Institute level	Best dancer award		
5	Dance, fashion show & drama.	Institute level	Third prize	15	
6	Music	Youth Festival, University Level		06	
7	Dance	Youth Festival, University Level		10	
8	Literature event	Youth Festival, University Level		03	
9	Theatre	Youth Festival, National &University Level	Third Prize in West Zone Youth	09	
10	Fine arts	Youth Festival, University Level		02	
11	Drama Competition	Institute Level	First (Dept.: ExTc)	01	
		2015-16			
1	Group Dance (Unmesh-16)	Institute level	First prize (Department of ExTc)	16	
2	Ethenic Show	Institute level	First (Department of ExTc)	01	
3	Fashion Show	Institute level	First Prize (Department of ExTc)	01	
4	Departmental Dance	Institute level	Second Prize (Department of ExTc)	10	
5	Engineering Technical Hunt	National (D.C.A. academy and Gram samrudhi sanstha.)	1 <sup>st</sup> Rank	01 (Sanket Bombalge)	
		2016-17			
1	Literature event	Youth Festival, University Level		05	
2	Theatre	Youth Festival, University Level		22	
3	Fine arts	University Level		02	

5.3.2 Furnish the details of major student achievements in co-curricular, extracurricular and cultural activities at different levels: University / State / Zonal / National / International, etc. for the previous four years.

**Ans:** The brief details of major achievements of students are as follows:

Academic	Name of Student	Department	Activity	Award/
Year				Recognition
	Mangesh Band	Mech.	Karate	Gold Medal
	Ku. Vijayshri Ingale	Mech.	Badminton	color coat
	Dinesh Darpawar	Mech.	Cross country	color coat
	Mr. Anchal Pardeshi	Mech.	Table Tennis	color coat
	Nikhil Pande	ExTC	Circuit Mania	First prize
2013-14	Nandu Adhau	ExTC	Circuit Mania	First prize
	Daya Joshi	ExTC	Junk Art	Second prize
	Ms. Sanchita	ExTC	Poster Presentation	First prize
	Mangale			
	Sumedh Gawai	ExTC	Debate Competition	First prize
	Ram Wairale	ExTC	Debate Competition	Third prize
	Ku. Komal Dhok	Mech.	Youth Festival	color coat
	Ms. Sanchita	ExTC	Poster Presentation	Second
	Mangale			prize
	Sumedh Gawai	ExTC	Paper Presentation	Second prize
	Pratiksha Domane	ExTC	Paper Presentation,	First prize
			Techelons-2015	
	Shubham Raut	ExTC	Paper Presentation,	Second
2014-15			Techelons-2015	prize
201113	Siddhesh Alone	ExTC	Drama Competition	First prize
	Pallavi Mutkure	CMPS	Robotics Competition	Second prize
		CMPS	Web Page Design	Second prize
	Saurabh Suramwar		Project/ Model	First prize
	Paankaj Bais		Competition National	
	Lobhesh yeul		Level event Techelons-	
	Dipika Golhar		2015. Project: "Hybrid	
	Kalyani Mandlik		Solar Cooker"	
	Priti Sambe	Civil	Junk Art	First Prize
2016-17	Ankita Tarapure	Civil	Technical Poster	First Prize
			Competition	
	Qazi Mizbah	Civil	Andro Master	First Prize
	Swamini Lunge	CSE	Paper Presentation	First Prize

Rupali Gohad	Electrical	100 to 200 Meters. Long Jump	Color Coat
Shubham Bhange	Electrical	Robo Race (Technocratz-AICTE Delhi)	First Prize
Ajay Gawande	Electrical	Robotics Death Race (Prajwalan)	First Prize
Dhiraj Keche	Electrical	Robo Race (Technocratz-AICTE Delhi)	First Prize
Ajay Gawande	Electrical	Robo Soccer 2.0(ST, Vincent Pallotti College of Engineering & Technology Nagpur)	First Prize
Vikram Thorat	EXTC	Paper Presentation- Techelons-17	First Prize
Pratik Kale	Mech	Government	First Prize
Pratik Dabhade		Polytechnique ,Akola	
Preshit Datarkar			
Pratik Kale	Mech	BHAU Institute Pune	First Prize
Pratik Dabhade			
Preshit Datarkar			

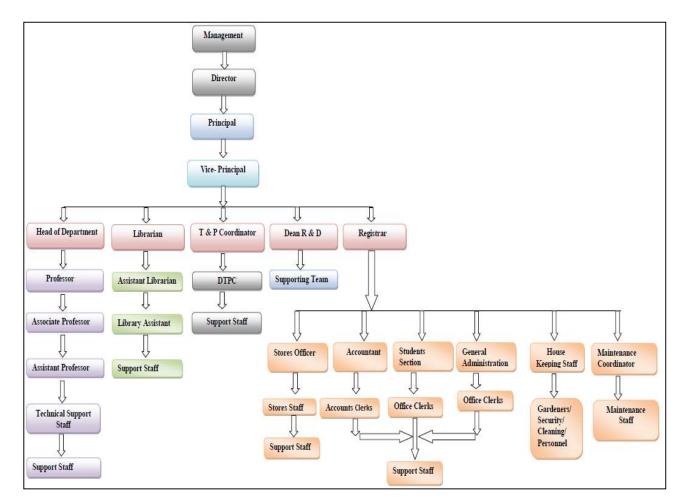
#### **CRITERION-VI**

### **GOVERNANCE, LEADERSHIP AND MANAGEMENT**

### **6.2Strategy Development and Deployment**

6.2.3 Describe the internal organizational structure and decision making processes.

Ans.: The Institute's function is based on the organizational chart shown below.



#### **6.4 Financial Management and Resource Mobilization**

6.4.3 What are the major sources of institutional receipts/funding and how is the deficit managed? Provide audited income and expenditure statement of academic and administrative activities of the previous four years and the reserve fund/corpus available with Institutions, if any.

Ans.: Details of Income and expenditure (Rs. in Lakhs)						
<b>Particulars</b>	<b>2012-2013</b>	2013-2014	2014-2015	2015-2016		
Income	<mark>912.61</mark>	1147.93	1398.40	1631.34		
<b>Expenditure</b>	933.41	1110.79	1298.21	1459.85		

#### **CRITERIA-VII**

### INNOVATIONS AND BEST PRACTICES

#### **7.3** Best Practices

#### **List of Best Practices**

Practice -1: Counseling Scheme

Practice-2: IIT Bombay Virtual Lab

Practice-3: Institutional Level Scholarships / Concession in Fees

Practice-4: Introduction of Uniform

Practice-5: Prayer

Practice-6: Free Distribution of First Year Magazine-ARISING

Practice-7: Parents Meet

Practice-8: Departmental Social Activities

Practice-9: Departmental Industrial Visits

Practice-10: National Level Technical Event- **Techelons** 

Practice-11: NPTEL Local Chapter

Practice-12: IIT Bombay Spoken Tutorial

Practice-13: Blood Donation Camp

Practice-14: Distribution of Spiritual Books

### **Evaluative Report of the Departments**

### **Evaluative Report of Mechanical Engineering**

### 9. Number of Teaching Post:

Post( UG+PG)	Sanctioned	Filled
Professor	02	00
Associate Professor	04	04
Assistant Professor	22	24

#### 10. Faculty Profile (PG) with name, qualification, designation, specialization

Sr. No	Name	Qualification	Designation	Specialization	Experience (Years)
1	Dr. S. G. Fale	Ph. D.	Assoc. Prof	Metallurgy	26 (Industry)
2	Prof. V. G. Gore	M. E.	Asstt. Prof.	Thermal Power	17
3	Dr. V. B. Gawande	Ph. D	Assoc. Prof	Thermal Power	8
4	Prof. S. S. Dhoke	M. E.	Asstt.Prof.	CAD-CAM	4

#### 22. Student projects

### a) Percentage of students who have done in-house projects including inter departmental/program

Year	2013-14	2014-15	2015-16	2016-17
Final	100%	100%	100%	100%

#### 24. List of eminent academicians and scientists / visitors to the department

Eminent Academicians	Scientists/ Visitors
Dr. P. M. Padole	Dr. Madhav Chitlange (Visitor)
Dr. Saroj Asthana	Mr. Sumit Malpani (Visitor)
Dr. A. B. Marathe	Mr. Anil Sable (Visitor)
Prof. S. S Bhoyar	Mr. Nitesh Mule (Visitor)
Dr. Sanjay Harimkar	Mr. Aditya P. Tondre
	Dr. Dhiraj Chitalange (Scientist)
	Mr. Waghmare (Visitor)
	Dr. Mrudulata M. Deshmukh (Researcher)
	Mr. Anil Sabale (Visitor)

Dr. P.M. Padole (Researcher)
Dr. Dinesh Pachang (Visitor)
Mr. Nitesh Mule (Visitor)
Mr. Nikhil Kolpyakwar (Visitor)

### 25. Seminars/Conferences/Workshops organized& the source of funding a)National

Sr. No.	Particular	Name of Event	Source of Funding	Date	Remark
1	Workshop	Integrated Course in CAE	Self Finance	26/06/15 to 14/08/15	
2	Workshop	Soft skill training by Globarena	Self Finance	29/02/16 to 02/03/16	
3	Workshop	Soft skill training by Globarena	Self Finance	22/06/15 to 01/07/15	
4	Workshop	Vehicle Overhauling Workshop	Self Finance	21/08/2014	Mr.Kiran Padhya
5	Seminar	On Scope of Automotive Sector		09/03/2017	By Nikhil Kolpyakwar
6	Seminar	Scope for Mechanical Engineer in Agricultural Advancement		15/10/2016	By Dr. M. M. Deshmukh
7	Seminar	Role of Youth in Entrepreneurship		30/01/2017	By Prof. S. S. Bhoyar
8	Seminar	Entrepreneurship Awareness		03/08/2016	By Dr. Madhav Chitlange
9	Workshop	Automobile & Vehicle Dynamics with practical session	Self-Finance	24/07/2017 to 30/07/2017	By Khushal Singh (AMZ Automotive)

### 28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Year	Name of Exam	No. of students
	GATE-2014	04
2013-14	GRE-2014	03
	TOFEL-2014	01
2014-15	GATE-2015	03
2015-16	GATE-2016	06
2016-17	GATE 2017	01

### 29. Student progression

Student progression	Number			Against %enrolled		olled
Batch	2013-14	2014-15	2015-16	2013-14	2014-15	2015-16
UG to PG	17	05		29.31%	4.03%	
PG to PhD	NIL	NIL	NIL	0	0	
Campus Recruitment	17	09	09	29.31%	7.25%	6.33%
Other Campus Recruitment	19	39		32.75%	31.45%	

### **Campus Selection:**

### **Students Placed: 2016-17 batch**

Sr.No	Name of Student	Company
1	Mr. KalpeshDeshmukh	Triveni Turbine Ltd.
2	Mr. NakulDeshmukh	EPIC Research
3	Mr. DiveshGurnule	EPIC Research
4	Mr. ShubhamIngale	EPIC Research
5	Mr. PranitDeolasi	EPIC Research
6	Mr. KalpeshDeshmukh	EPIC Research
7	Mr. NakulDeshmukh	Pompeii TM Connect
8	Mr. KalpeshDeshmukh	Pompeii TM Connect
9	Mr. AnkushRonghe	Pompeii TM Connect
10	Ku. AnujaKalmegh	Pompeii TM Connect
11	Mr. AkshayGaikwad	Pompeii TM Connect
12	Mr. PranavRakhonde	Pompeii TM Connect
13	Mr. Nikhil Pote	Pompeii TM Connect
14	Mr. PranitDeolasi	Amazon India
15	Mr. SaurabhPathak	Amazon India
16	Mr. Rahul Bhoyar	Amazon India

17	Mr. SarangShibhate	Amazon India
18	Mr. Nikhil Pote	Shriram Finance Ltd.
19	Mr. SarangShibhate	Shriram Finance Ltd.
20	Mr. NakulDeshmukh	Shriram Finance Ltd.
21	Mr. AtulGite	Shriram Finance Ltd.
22	Mr. VrushabhVaidya	Shriram Finance Ltd.

### Other Campus Selection:

#### Students Placed: 2016-17 batch

Sr.No	Name of Student	Company
1.	AshutoshShirkhedkar	Mahindra & Mahindra, Nagpur
2.	SaurabhPathak	Time Mauster Industry Pvt. Ltd., Gujrat.

### **30. Details of Infrastructure Facility**

#### b) Internet Facilities for staff & Students

Sr. No.	Name of Lab	No. of terminals
1.	Computer Lab	23 (LAN)
2	Departmental Computer	01 (LAN CARD)
3.	HoD Computer	01 (LAN CARD)

#### 32. Details on student enrichment programs (Special lectures/ workshop/ seminar):

Sr. No.	Name	Subject/Topic	Date
12.	Mr. Nikhil Kolpyakwar	On Scope of Automotive Sector	09/03/2017
13.	Mr. Khushal Singh	Automobile & Vehicle Dynamics	24/07/2017 to
		with practical session	30/07/2017

### **Evaluative Report of Electrical Engineering**

### 9. Number of Teaching Post:

Post (UG+PG)	Sanctioned	Filled
Professor	02	02 (01Adjunct Faculty)
Associate Professor	04	01
Assistant Professor	22	26

# 10. Faculty profile (UG) with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.)

Shift – I:

Sr. No.	Name	Qualification	Designation	Specialization	Experience (Years)
1	Ms.P.R.Rane	Ph. D (Pursuing)	Asst. Prof	Power system	08
2	Mr.A.A.Ghute	M.Tech (EPS)	Asst. Prof	Power system	06
3	Ms.P.M.Mankar	M.E. (EPS)	Asst.Prof	Non Renewable Energy & Machine	05
4	Mr.P.S.Varma	M.E. (EPS)	Asst. Prof	Non Renewable Sources & Control System	07
5	Ms.P.V.Junghare	M.E. (EES)	Asst.Prof	Electrical & Electronics	04
6	Ms.N.N.Sawade	M.E. (EPS)	Asst.Prof	Power system	02
7	Mr.A.A.Malik	M. Tech (EPS)	Asst.Prof	Power system	02
8	Mr.A.N.Kakade	M.E. (EPS)	Asst.Prof	Power system	03
9	Mr.S.R.Sahu	M.Tech (EPS)	Asst.Prof	Power system	05
10	Mr.A.H.Hade	M.Tech (EEE)	Asst.Prof	Electrical & Electronics	04
11	Ms.M.S.Thakare	M.E. (IPS)	Asst.Prof	Power system	01
12	Ms.P.V.Vinchurkar	M.E.	Asst. Prof.	Power system	02

Shift – II:

Sr No	Name	Qualification	Designation	Specialization	Experience (Years)
1	Mrs.A.S.Telang	PhD (Pursuing)	Asst. Prof	Power System	19
2	Mr.H.S.Kulat	PhD (Pursuing)	Asst. Prof	Control System	17
3	Mr.A.D.Tekade	M.E. (EPS)	Asst. Prof	Power System	07
4	Mr.A.K.Duchakke	ME (EPS)	Asst.Prof	Power system	06
5	Mr.T.A.Mohd.	M.E. (EPS)	Asst.Prof	Power system	04
6	Ms.S.V.Pande	M.E. (EPS)	Asst.Prof	Power system	02
7	Ms.S.A.Kohale	M.E. (EPS)	Asst.Prof	Power system	01
8	Ms.M.R.Natkut	M.E. (EPS)	Asst.Prof	Power system	02
9	Ms.R.D.Sonone	M.E. (App.)	Asst.Prof	Power system	05
10	Mr.J.B.Mokalkar	M.E. (App.)	Asst.Prof	Power system	06
11	Ms.P.A.Lohiya(Karwa)	M.E. (EPS)	Asst.Prof	Power system	01
12	Mr.A.G.Khandekar	M.E. (PE)	Asst.Prof	Power Electronics & Drives	01

### Faculty Profile (PG) with name, qualification, designation, specialization

Sr. No.	Name	Qualification	Designation	Specialization	Experience (Years)
1	Dr. S. B. Warkad	Ph.D	Professor	Power System	20
2	Prof. D.A.Shahakar	M. Tech(EPS)	Asso.Prof	Power System	14
3	Prof. Yogita Khair	M. Tech(EPS)	Asst.Prof.	Power System Optimization	9
4	Dr. Vishram Bapat	M. Tech. Ph. D	Adjunct Faculty	Power System	35

# 14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

	Sanctioned	Filled
Technical staff	8	9
Administrative Staff	1	1

### 21. Faculty as members in

### a) National committees, b) International Committees, c) Editorial Boards

Sr. No.	Professional Body/ Society	Name of Faculty Members	Registration No.
1	IEEE	Dr. S.B.Warkad	90645825
2	ISTE	Dr. S.B.Warkad	LM-22510
3	IE	Dr. S. B. Warkad	M-137700-5
4	IET	Dr. S. B. Warkad	PIEI00002
5	IACSIT	Dr. S. B. Warkad	80344630
6	IAENG	Dr. S. B. Warkad	13869
7	IAES	Dr. S. B. Warkad	92000002
8	ESR	Dr. S. B. Warkad	4572390
9	IRED	Dr. S. B. Warkad	AM10100052390
10	Member of Advisor/ Editorial Board	Dr. S. B. Warkad	IJAIEM (ISSN 2319 – 4847)
11	Member of Editorial Board	Dr. S. B. Warkad	IJEMR (ISSN 2250 – 0758)
12	Technical Program Committee	Dr. S. B. Warkad	ICACCA 2016
13	Member, National Advisory Board	Dr. S. B. Warkad	ICARET 2012
14	Associate Editor	Dr. S. B. Warkad	IJEEE (ISSN: 2231–5284), (ISSN: 0976–8106)
15	Executive Editor	Dr. S. B. Warkad	IJNN (ISSN: 2249–2763)
16	Member–Editorial Board	Dr. S. B. Warkad	IJAET (ISSN: 2231-1963)
17	Member–Editorial Board and	Dr. S. B. Warkad	IACSIT, Singapore (ISSN: 1793-8198)
18	Member–Editorial Board and	Dr. S. B. Warkad	IJETT (ISSN: 2231-5381)
19	Member–Editorial Board and	Dr. S. B. Warkad	IJSCE), India (ISSN: 2231-2307)
20	Member–Editorial Board	Dr. S. B. Warkad	IJISME (ISSN: 2319-6386)
21	Member–Editorial Board	Dr. S. B. Warkad	IJRDET (ISSN: 2347-6435)
22	Member–Editorial Board	Dr. S. B. Warkad	URJA
23	Member Advisory Board	Dr. S. B. Warkad	IJEIT, UK (ISSN: 2277-3754)

24	Advisory Board member	Dr. S. B. Warkad	IJIRMPS
25	Advisory/Editorial Board member	Dr. S. B. Warkad	IJETAE (ISSN 2250–2459)
26	LM-ISTE	Prof. H.S. Kulat	LM-2177
27	ISTE	Prof. A.A. Ghute	LM 103681
28	ISTE	Prof. Yogita Khair	LM 77012
29	ISTE	Prof. P.S. Verma	LM103683
30	ISTE	Prof. A. D. Tekade	LM103681
31	Member–Editorial	Prof. D. A. Shahakar	IJET (ISSN: 0974-3588)
32	Member–Editorial	Prof. D. A. Shahakar	AESJ (ISSN: 0975-6736)
33	IEEE	Prof. D. A. Shahakar	94417908

### 22. Student projects

# a) Percentage of students who have done in-house projects including inter departmental/ programmed

Year	2013-2014	2014-2015	2015-16	2016-17
Electrical Engg.	100%	100%	100%	100%

### **Evaluative Report of Computer Science & Engineering**

### 9. NumberofTeaching Post:

Post( UG+PG)	Sanctioned	Filled
Professor	02	00
Associate Professor	04	01
Assistant Professor	23	29

# 10. Faculty profile (UG) with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)

Sr. No	Name	Qualificati on	Designati on	Specialization	Experien ce (Years)
1	Prof. V. B. Gadicha	Ph.D (P)	Asst. Prof.	Information Security	13
2	Prof. C. J. Shelke	M.E.(IT)	Asst. Prof.	Networking	10
3	Prof. P. D. Soni	M.E.(CSE)	Asst. Prof.	Algorithm, Network Security	7.6
4	Prof. V. B. Bhagat	M.E.(CSE)	Asst. Prof.	Networking, Cloud Computing	12
5	Prof. A. B. Gadicha	M.E.(IT)	Asst. Prof.	Network Security	7
6	Prof. P. P. Pawade	M.E.(IT)	Asst. Prof.	Networking	6.3
7	Prof. A. S. Kapse	M.E.(CSE)	Asst. Prof.	Database, Network Security	10.4
8	Prof. Ankush V Dahat	M.E.(CSE)	Asst. Prof.	Secret Sharing Visual Cryptography	6.3
9	Prof.D.C.Dhanw ani	M.E.(CSE)	Asst. Prof.	Image Processing, Data Mining,NN	6
10	Prof.A.R. Ladole	M.E.(CSE)	Asst. Prof.	Cloud computing, Android OS	3.3
11	Prof.S.S.Sagane	M.E.(CSE)	Asst. Prof.	Networking,Cloud Computing	6.3
12	Prof.S. S. Deshmukh	M.E.(CSE)	Asst. Prof.	Data structures and algorithms	3.4
13	Prof. M.N. Haque	M.E.(IT)	Asst. Prof.	Data Mining	5.5
14	Prof. C. S	M.E.(IT)	Asst. Prof.	Wireless Network	7.3

	Deshmukh				
15	Prof. F. M. Shelke	M.E.(CSE)	Asst. Prof.	Network Security, Cloud Computing	4
16	Prof. S. R. Sontakke	M.E. (CSE)	Asstt. Prof.	Data Structure	4.8
17	Prof. R. P. Yawale	M.E.(CSE)	Asst. Prof.	Image Processing	1.4
18	Prof. Pooja Tekade	M.E. (CSE)	Asstt. Prof.	Computer Networking	4.2
19	Prof. P. P. Dafale	M.E. (CSE)	Asstt. Prof.	Computer Networking	6
20	Prof. Nitin B. Chavan	M. E. (CSE)	Asstt. Prof.	Networking,CloudCompu ting	7
21	Prof.Sagar D Pande	M.Tech (CSE)	Asst. Prof.	Data mining	2.1
22	Prof. Anup Date	M.E.(CSE)	Asst. Prof.	Networking, Cloud Computing	7
23	Prof. S. V. Dhole	M.E. (CSE)	Asstt. Prof.	Network Security	6
24	Prof. Sanjivanee R Kale	M.E. (CSE)	Asstt. Prof.	Cloud Computing	4.5
25	Prof. S. R. Gujar	M.E. (CSE)	Asstt. Prof.	Network Security	2

### Faculty Profile(PG) with name, qualification, designation, specialization

Sr. No.	Name	Qualification	Designation	Specialization	Experience (Years)
1	Prof. K. B. Bijwe	M.E.(CSE)	Asst. Prof.	Image Processing	8.7
2	Prof. M. S.Burange	M.E.(IT)	Asst. Prof.	AI	8.9
3	Prof. P. V. Kale	M.E.(CSE)	Asst. Prof.	DBMS, XML Parsing & Data Structure	9.8
4	Prof. K. K.Chhajed	M.E.(CSE)	Asst. Prof.	Network Security, Data Mining	10
5	Prof. P. B. Sambhare	M.Tech.(CSE)	Asst. Prof.	Image Processing	7.2

### ${\bf 14.\ Number of a cademic supportstaff (technical) and administrative staff; sanctioned and filled$

Post	Sanctioned	Filled
Technical Staff	08	08
Administrative Staff	01	01

#### 15. Qualifications of teaching faculty with D. Sc/ D.Litt/ Ph. D/ M. phil. / PG.

Degree	No. of Faculty
Ph.D.	Nil
Ph.D. Pursuing	03
PG	30

#### 19. Publications:

**Publication per faculty** 

- Number of papers published in peer reviewed journals (national / international) by faculty and students
- Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database International Social Sciences Directory, EBSCO host, etc.)
- Monographs
- Chapter in Books
- Books Edited
- Books with ISBN/ISSN numbers with details of publishers
- Citation Index
- SNIP
- SJR
- Impact factor:
- h-index

National Conference: 21International Conference: 38

• National Journal: 06

• International journals: 265

Sr. No.	Name	National Conference	International Conference	National Journal	International Journal
1	Prof. V. B. Gadicha	03	06	02	28
2	Prof. C. J. Shelke	01	02	00	18
3	Prof. P. D. Soni	02	01	02	27
4	Prof. A. S. Kapse	02	03	00	15
5	Prof. V. B. Bhagat	02	02	00	15

				I	1
6	Prof. A. B. Gadicha	00	06	02	19
7	Prof. P. P. Pawade	00	00	00	10
8	Prof.K.B. Bijwe	01	02	00	12
9	Prof.M.S.Burange	01	00	00	10
10	Prof.P.B.Sambhare	00	02	00	23
11	Prof.A. V. Dahat	01	03	00	01
12	Prof.K.K.Chhajed	00	03	00	20
13	Prof. P. V. Kale	02	01	00	04
14	Prof. D. C. Dhanwani	00	01	00	09
15	Prof. S. S. Sagane	02	00	00	02
16	Prof. A. R. Ladole	00	00	00	02
17	Prof C S Deshmukh	01	02	00	05
18	Prof. A. P. Date	00	01	00	03
19	Prof S SDeshmukh	00	00	00	03
20	Prof M N Haque	01	00	00	02
21	Prof. F. M. Shelke	00	00	00	12
22	Prof. S. R. Sontakke	00	00	00	03
23	Prof. S. R. Kale	00	00	00	03
24	Prof. S. R. Gujar	00	00	00	01
25	Prof. P. S. Tekade	01	00	00	03
26	Prof. S. D. Pande	00	01	00	04
27	Prof. R. P. Yawale	00	00	00	03
28	Prof. N. B. Chavhan	00	01	00	00
29	Prof. P. P. Daphale	01	01	00	03
30	Prof. S. V. Dhole	00	00	00	02

### 21. Faculty asmembers in a)National committees, b) International Committees, c) EditorialBoards

Sr. No.	Professional Body/ Society	Name of Faculty Members	Registration No.
1	ISTE CSI JOC (Editorial Board) IEJRD (Editorial Board) IJAETNAS(Editorial Board) IORD(Editorial Board)	Prof. V.B.Gadicha	LM-767990 NI- 084212
2	ISTE	Prof. A. S. Kapse	LM-108797
3	ISTE,IETE	Prof. V. B. Bhagat	LM-77003, M237840
4	ISTE,IJAETMAS,IJAJIT, ICCP2016, IJSRD,IJFEAT, SCIENCE PG GROUP, IJARCSMS, IJSTM, IJAET, GERN(green earth research network), Pakistan Publishing Group (PAK)(Reviewer)	Prof. A. B. Gadicha	LM-77020
5	ISTE	Prof.K.B.Bijwe	LM-77017
6	ISTE	Prof.M.S.Burange	LM-77018

7	ISTE	Prof.P.B.Sambhare	LM-103669
8	ISTE	Prof.K.K.Chhajed	LM-73977
9	ISTE	Prof.D.C.Dhanwani	LM-103673
10	ISTE	Prof.S.S.Sagane	LM-81960
11	ISTE	Prof.C S Deshmukh	LM-81961
12	ISTE	Prof. P. V. Kale	LM76999
13	ISTE	Prof. A. P. Date	LM81961
14	ISTE	Prof. A. V. Dahat	LM103671
15	ISTE	Prof. M. N. Haque	LM90739
16	CSI	Prof. C. J. Shelke	F8001346
17	CSI	Prof. P. D. Soni	F8001345
18	IAENG(International Assosiation of Engineers)	Prof. Priti P. Dafale	152745

### ${\bf 23.\ Awards\ /\ Recognitions received\ by\ faculty\ and students}$

Sr.No.	NameofFaculty	National/International Event
1	Prof. V. B. Gadicha	Ist Merit in Master of Engg Summer-2010 in SGBAU
2	Prof. A. B. Gadicha	Ist Merit in Master of Engg Summer-2011 in SGBAU
3	Prof. V. B. Bhagat	Best Teacher Award in International Event-Techelons 12
4	Prof.M.S.Burange	Best Teacher Award in International Event-Techelons
		2012.

Sr. No	Title	Conference/ Seminar	Duration From - To	Organizing Agency	Name
1	Android App Development	Workshop	2 Aug-3Aug 2014	iB@se Technologies	Akshaymahulkar
2	Web Development	Four Day Workshop	21-24 Aug 2014	Pune Academy of Advance Computer Technologies Amravati	HarshaliThombre
3	ETHICAL HACKING	workshop	20-21 Sept 2014	AXIS'14 challenge conventions VNIT	Akshaymahulkar
4	Certificate course in ASP.NET	Three Day Workshop	Nov-14	CAD DESK	Yogesh Badwe
5	CCPC and CPP	Three Month Course	Dec-14	MTSTS	MinalDhore
6	Workshop on Hack Android	One Day Workshop	17-18 jan 2015	Prajwalan 2015(IIT Bombay )	Rahul Udgirakar

7	Opportunities to learn Advanced Web Designing Technology	Three Day Workshop	18-20 may 2015	J.D. College of Engineering & management ,Nagpur	MinalDhore
8	Opportunities to learn Advanced Web Designing Technology	Three Day Workshop	21-23 may 2015	J.D. College of Engineering & management ,Nagpur	Puja Patle
9	Opportunities to learn Advanced Web Designing Technology	Three Day Workshop	21-23 may 2015	J.D. College of Engineering & management ,Nagpur	PourminaPatle
10	Opportunities to learn Advanced Web Designing Technology	Three Day Workshop	21-23 may 2015	J.D. College of Engineering & management ,Nagpur	YogitaPatange
11	Youth For Nation Development	One Day Workshop	13-Jan-16	P.R.Pote College of Engg. &Mngt,Amravati	Shrinil S. Makeshwar
12	Youth For Nation Development	One Day Workshop	13-Jan-16	P.R.Pote College of Engg. &Mngt,Amravati	HarshaliThombre
13	Youth For Nation Development	One Day Workshop	13-Jan-16	P.R.Pote College of Engg. &Mngt,Amravati	Sweety R. Pachbhai
14	Youth For Nation Development	One Day Workshop	13-Jan-16	P.R.Pote College of Engg. &Mngt,Amravati	Pranali S. Mandale
15	Youth For Nation Development	One Day Workshop	13-Jan-16	P.R.Pote College of Engg. &Mngt,Amravati	RoshaniBele
16	Youth For Nation Development	One Day Workshop	13-Jan-16	P.R.Pote College of Engg. &Mngt,Amravati	Puja Potdar
17	Youth For Nation Dev.	One Day Workshop	13-Jan-16	P.R.Pote College of Engg. &Mng	MukeshTayade
18	Youth For Nation Development	One Day Workshop	13-Jan-16	P.R.Pote College of Engg. &Mngt,Amravati	Megha Kaushik
19	Youth For Nation Development	One Day Workshop	13-Jan-16	P.R.Pote College of Engg. &Mngt,Amravati	PritiMotghare
20	Youth For Nation Development	One Day Workshop	13-Jan-16	P.R.Pote College of Engg. &Mngt,Amravati	JuhiB.Dakhane

21	Youth For Nation Development	One Day Workshop	13-Jan-16	P.R.Pote College of Engg. &Mngt,Amravati	YogitaGorde
22	Youth For Nation Development	One Day Workshop	13-Jan-16	P.R.Pote College of Engg. &Mngt,Amravati	MinalBawane
23	Youth For Nation Development	One Day Workshop	13-Jan-16	P.R.Pote College of Engg. &Mngt,Amravati	PratikshaBawank ule
24	Youth For Nation Development	One Day Workshop	13-Jan-16	P.R.Pote College of Engg. &Mngt,Amravati	Jeba Sheikh Jabir
25	Youth For Nation Development	One Day Workshop	13-Jan-16	P.R.Pote College of Engg. &Mngt,Amravati	SnehalShelke
26	Youth For Nation Development	One Day Workshop	13-Jan-16	P.R.Pote College of Engg. &Mngt,Amravati	SonaliHarel
27	Youth For Nation Development	One Day Workshop	13-Jan-16	P.R.Pote College of Engg. &Mngt,Amravati	YogitaPatange
28	Touch & Augmented Reality Workshop	Two Day Workshop	20-21 Feb 2016	Infi-Zeal Technologies	JayshriBhirde
29	Youth For Nation Development	One Day Workshop	13-Jan-16	P.R.Pote College of Engg. &Mngt,Amravati	JayshreeBhirde
30	Youth For Nation Development	One Day Workshop	13-Jan-16	P.R.Pote College of Engg. &Mngt,Amravati	Minal V. Dhore
31	Youth For Nation Development	One Day Workshop	13-Jan-16	P.R.Pote College of Engg. &Mngt,Amravati	SnehalS.Zade
32	Youth For Nation Development	One Day Workshop	13-Jan-16	P.R.Pote College of Engg. &Mngt,Amravati	NamrataMaitre
33	Youth For Nation Development	One Day Workshop	13-Jan-16	P.R.Pote College of Engg. &Mngt,Amravati	divyathavkar
34	Youth For Nation Development	One Day Workshop	13-Jan-16	P.R.Pote College of Engg. &Mngt,Amravati	SonaliHarel
35	Cloud Computing Workshop	Two Day Workshop	19-20 March 2016	NNSC	ShubhangiChikte
36	Cloud Computing Workshop	Two Day Workshop	19-20 March 2016	NNSC	PriyaSakharkar

37	Cloud Computing Workshop	Two Day Workshop	19-20 March 2016	NNSC	Ashwini Ratnaparki
38	Youth For Nation Development	One Day Workshop	13-Jan-16	P.R.Pote College of Engg. &Mngt,Amravati	AnandMohod
39	Cloud Computing Workshop	Two Day Workshop	19-20 March 2016	NNSC	UjwalaDhanule
40	Cloud Computing Workshop	Two Day Workshop	19-20 March 2016	NNSC	Seema Bundele
41	Blunders to avoid during gate preparation	one day workshop	2016	laksha gate	Jebashaikh
42	Android Application Development	Four Day Workshop	2017	iBaseElectrosoft LLP	SnehalZade
43	Android App Development	Four Day Workshop	2017	iBaseElectrosoft LLP	Aksa Shaikh
44	Android App Development	Four Day Workshop	2017	iBaseElectrosoft LLP	JayshreeBhirde
45	Android App Development	Four Day Workshop	2017	iBaseElectrosoft LLP	MinalBawane
46	Android App Development	Four Day Workshop	2017	iBaseElectrosoft LLP	SonaliHarel
47	Android App Development	Four Day Workshop	2017	iBaseElectrosoft LLP	GunjanBadukle
48	Android App Development	Four Day Workshop	2017	iBaseElectrosoft LLP	Megha Kaushik
49	Android App Development	Four Day Workshop	2017	iBaseElectrosoft LLP	PournimaPatle
50	Android App Development	Four Day Workshop	2017	iBaseElectrosoft LLP	Jebashaikh
51	Android App Development	Four Day Workshop	2017	iBaseElectrosoft LLP	JuhiB.Dakhane
52	Android App Development	Four Day Workshop	2017	iBaseElectrosoft LLP	Darshanabadukle
53	Android App Development	Four Day Workshop	2017	iBaseElectrosoft LLP	YogitaPatange

### 24. List of Eminent Academicians/ Scientists/ Visitors to the Department:

Sr. No.	Name eminent Academicians/ Scientists/Visitors/Industry Experts	Subject/Topic	Date
1	MrSubodhDeshmukh	Personality Development (Wipro Technologies)	18/07/2014
2	Mr. Nakul Deshmukh	Web pages Development	06/07/2015
3	Mr. UmeshAaglave	Carrier After GATE	08/07/2015
4	Mr. Aditya Tondre	Guest Lecture on GATE Awareness and Importance	25/07/2015
5	Mr. Bharat Sharma	Opportunities in UPSC/MPSC after BE	1/08/2015
6	Mr. Gurmit Sing	Personality Development	18/08/2016
7	The Gate Academy Pvt. Ltd	Gate Awareness	20/07/2016
8	Anthony Thomas	Guest Lecture on "Effective Communication"	April 2016
9	Mr. MadhurKarwa	Guest Lecture on "Aptitude Preparation"	11/08/2016
10	Mr. Sushil Pudke	Guest Lecture on Network Security	11/02/2017

### 25. Seminars/Conferences/Workshops organized& the source of funding a)National

Sr. No.	Particular	Name of Event	Source of Funding	Date
1	Workshop	Workshop on Linux OS Design by Mr. Krushnakant Mane	Self Finance	18/02/2013 to 20/02/2013
2	Workshop	Android Applications Development by Mr.NakulDeshmukh	Self Finance	23/06/2014 to 04/07/2014
3	Workshop	Soft skill training by Globarena	Self Finance	09/07/2014 to 18/07/2014
4	Workshop	Technical Training by Mr. Ashish Mithole	Self Finance	23/07/2014 to 30/08/2014
5	Workshop	Soft skill training by Globarena	Self Finance	26/12/2014 to 31/12/2014
6	Workshop	Soft skill training by Globarena	Self Finance	03/03/2016 to 05/03/2016
7	Workshop	Web AkrutiPvt.Ltd	Self Finance	13/07/2016 to 30/07/2016
8	Workshop	Workshop on IOT by Axiom Pvt. Ltd	Self Finance	13/01/2017
9	Workshop	Workshop on Android Development by IBase Tech.	Self Finance	20/01/2017 to 23/01/2017

10	Workshop	Workshop on PHP	Self Finance	31/07/2017 to 1/08/2017	
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### 26. Student profile programme/course-wise:

### a) First year UG and PG:

Year	Name of the Programme	Intake	Admitted	Enrolled	
1 cai	Name of the Frogramme	Шаке	Aumitteu	*M	*F
2017-18	Computer Science and Engg.(UG)	120	122	57	65
2017-16	Computer Science and Engg.(PG)	30	08	01	07
2016-17	Computer Science and Engg.(UG)	120	107	59	48
2010-17	Computer Science and Engg.(PG)	30	06	01	05
2015-16	Computer Science and Engg.(UG)	120	102	56	46
2013-10	Computer Science and Engg.(PG)	30	09	00	09
2014-15	Computer Science and Engg.(PG)	120	75	40	35
2014-13	Computer Science and Engg.(UG)	30	30	07	23
2013-14	Computer Science and Engg.(PG)	120	93	39	54
2013-14	Computer Science and Engg.(UG)	30	30	12	18
2012-13	Computer Science and Engg.(PG)	60	63	26	37
2011-12	Computer Science and Engg.(UG)	60	62	24	38
2010-11	Computer Science and Engg.(UG)	60	60	29	31

<sup>\*</sup>M=Male \*F=Female

### 28. Howmanystudentshaveclearednationalandstatecompetitiveexaminations such as NET, SLET, GATE, Civilservices, Defenseservices, etc.?

Year	Number of students	Number of students
	cleared GATE exam	cleared CAT exam
2015-16	00	00
2014-15	00	01
2013-14	02	00

### 29. Student Progression

Student Progression	Number				$\mathbf{A}_{i}$	gainst %	% Enroll	ed		
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
UG to PG	22	08	07	04	04	32.83	13.56	11.67	7.14	3.77
PG to PhD	00	00	00	00	00	00	00	00	00	00
Campus Recruitment	06	22	14	17	45	7.89	37.28	23.33	30.36	42.45
Other Campus Recruitment	16	10	12	8	00	21.05	16.95	20	13.33	00

### **Students Placed: 2016-17 batch**

Sr. No.	Name of Students	Company Name
1	Priydarshn Joshi	NeoSoft Pvt. Ltd
2	Nikhil Jagmlani	NeoSoft Pvt. Ltd
3	Deepak Khirade	NeoSoft Pvt. Ltd
4	BhagyashreeDhopte	NeoSoft Pvt. Ltd
5	AnkitaSurjushe	Epic Research Pvt. Ltd
6	Shreya Patel	Epic Research Pvt. Ltd.
7	Yogesh Badwe	RnRDtataLex, Nagpur
8	HarshwardhanMeshram	Epic Research Pvt. Ltd
9	Pyush Agrawal	Zensar Pvt. Ltd
10		Zensar Pvt. Ltds
11	Priyadarshn Josh ShuaShekh	
	1	RnRDatalex. Nagpur
12	Mohsin Sheikh	Techinfini, Indor
13	Yogesh Badwe	Techinfini, Indor
14	Shubham Kale	Techinfini, Indor
15	AnkitaKorde	Techinfini, Indor
16	Piyush Agrawal	Tudip Technology, Pune
17	Dinesh Jumnnani	Tudip Technology, Pune
18	RenukaWande	Tudip Technology, Pune
19	Hasan Dahiwale	Integrated Wireless Solutions Pvt. Ltd.
20	ShuaShekh	Pompeii Technologies Pvt. Ltd.
21	KajalSanchela	Epic Research Pvt. Ltd
22	RoshaniChaudhari	Unitel
23	Deepak Khirade	Bitwise
24	PrajaktaDiware	Pompeii
25	Priyanka Dhage	RnRDatalex
26	VaibhavTuruk	SmartData, Nagpur
27	Neha Gawande	Unitel
28	Gauri Bhade	RnRDatalex
29	KalpanaBajar	Concierge
30	Harsha Khapre	Pompeii
31	HumeraTabassumSheikh	SmartData, Nagpur
32 33	Kirti Mali PayalKhode	RnRDatalex RnRDatalex
34	Seema Bundele	RnRDatalex
35	UjwalaDhanule	Pompeii
36	AvinashKukade	Pompeii
37	Rahul Udgirkar	Unitel
38	PrajaktaDiware	SmartData, Nagpur
39	Priyanka Dhage	Pompeii
40	Neha Gawande	Pompeii
41	Gauri Bhade	Pompeii
42	HumeraTabassum Sheikh	Pompeii

### ii) Laboratories

### For UG:

Sr. No.	Curriculum Laboratories Description	Shared / Exclusive	Space/ Number of PC's	Course/ Number of experiments	No. of Major instruments/Important software
01	Computer Center	Exclusive	100	Internet use	Computer Sets, windows 7 OS, printer, basic application software.
02	Project Lab	Exclusive	24	Project and Seminar,	Computer Sets, windows 7 OS, basic application software, basic application softwares.
03	Web Technology Lab	Exclusive	50	DSP, AI	Computer Sets, windows 7 OS, Prolog, Matlab and basic application softwares.
04	Programming Lab	Exclusive	32	PM,OOP	Computer Sets, windows 7 OS, tubo C++,Netbeans, JDK 1.1,basic application softwares.
05	Hardware and Net. Lab	Exclusive	24	STLD, C-Lab(II)	Computer Sets, Xling, basic application softwares.
06	System Software Lab	Exclusive	51	SS,OS	Computer Sets, windows 7 OS, Turbo C, basic application software.
07	C- Programming Lab	Exclusive	25	C-Lab(I)	Computer Sets, windows XP OS, Photoshop, Page maker, corol draw, micromedia flash, basic application software.
08	ALP Lab	Shared	25	DAA, ALP	Computer Sets, windows 7 OS, TASM, basic application softwares.
09	Database Lab	Shared	24	DBS, CPA	Computer Sets, windows XP OS, SQL, rational rose

### For PG:

Sr. No.	Curriculum Laboratories Description	Shared / Exclusive	Space/ Number of PCs	Course/ Number of experiments	No. of Major instruments/Important software
01.	PG Lab (Web- Tech lab)	shared	25	RTS,DP, ESD,ACT	Computer Sets, printer, SQL, Turbo C, basic application software.

32. Details on student enrichment programmes (special lectures / workshops /seminar) with external experts

Sr.	ninar) with external ex		aa	
No.	Name of Program	Date	Guest / Speaker	Topic
01	Two days workshop for third year students	12/01/2012 to 13/01/2012	Mr.Nikhil Agrawal Software Engineer from Pune	Basic concepts of Java and Java Project.
02	Seminar	14 <sup>th</sup> January 2012	Ms. RadhaGudadhe MBA (HR) in Cummins college	Personality Development
03	One day workshop for third year students	Second week of February	Mr. Nikhil Agrawal Software Engineer from Pune	Review of project given in previous workshop and
04	Seminar	14 <sup>th</sup> Jully 2012	Mr. KetanChandekar Mr. SaketPatrekar	Software Testing
05	Seminar	24 <sup>th</sup> Jully 2012	Mr. YugandharTikhe	Android Applications Development
06	Workshop	28 <sup>th</sup> August 2012	Mr. Sulabh Jain Mr. Sushant Jain	Ethical Hacking
07	Mock Placement	1 <sup>st</sup> and 2 <sup>nd</sup> September 2012	HR and Technical Expert From various software industry	Aptitude test, group discussion, technical
08	Workshop	24,25/08/2013	Mr. SagarLachure Mr. Prakash Chandure	Latex software
09	Meditation	14 <sup>th</sup> August 2013	Mr. Daniel	Yoga and meditation
10	Workshop	26/09/13	Mr. RajanPani Mr. Sudhish	Creating Android App in Java
11	Workshop	8 <sup>th</sup> and 9 <sup>th</sup> Feb 2014	Mr. SandipkumarMather	Workshop on PHP
12	Seminar	25/03/2014	Mr. Nakul Deshmukh	Android
13	Workshop	14 <sup>th</sup> March 2014	Mr.AniketBhalerao (Wipro)	Ethical Hacking
14	Technical Training	23 <sup>rd</sup> July 2014- 30 <sup>th</sup> August 2014	Mr.AshishMithole	C,C++,DS
15	Guest Lecture	18 <sup>th</sup> July 2014	MrSubodhDeshmuk h	Personality Development (Wipro Tech)
16	Workshop	9 <sup>th</sup> 10 <sup>th</sup> and 28 <sup>th</sup> August 2014	IIT Bombay Online Tutorials	Workshop on IIT spoken tutorial

17	Workshop	10 <sup>th</sup> October 2014	Mr. Shrikant Pandey	Linux OS
18	Guest Lecture	6 <sup>th</sup> July 2015	Mr. Nakul Deshmukh	Web pages Development
19	Guest Lecture	8 <sup>th</sup> July 2015	Mr. UmeshAaglave	Carrier After GATE
20	Guest Lecture	01 <sup>st</sup> October 2015	Mr. Bharat Sharma	Opportunities in UPSC/MPSC after BE
21	Workshop	03 <sup>rd</sup> October 2015	Mr. SachinMahure	Live Project Training
22	Guest Lecture on GATE	25 <sup>th</sup> July 2015	Mr. Aditya Tondre	Awareness and Importance
23	Workshop	23 <sup>rd</sup> Jan 2016	Mr. SachinMahore	ASP.NET
24	Workshop	24 <sup>th</sup> Feb 2016 & 25 <sup>th</sup> Feb 2016	Miss LipuMahanty	C,C++,Java & SQL
25	Workshop	19 <sup>th</sup> March 2016 & 20 <sup>th</sup> March 2016	Mr. Mayank Sharma	Cloud Computing
26	Guest Lecture	18 <sup>th</sup> July 2016	Gurmit Sing	Personality Development
27	Guest Lecture	20 <sup>th</sup> July 2016	The Gate Academy Pvt. Ltd	Gate Awareness
28	Guest Lecture	11, 12, 13 Aug, 2016	Mr. MadhurKarwa	Aptitude Test
29	Guest Lecture	18 Jan 2017	Mr. Nakul Deshmukh	Android App for 3rd Year
30	Guest Lecture	15 July 2017	Mr. PrasannaMehare	Company Scenario in 2018

# Evaluative Report of Electronics & Telecommunication Engineering

# 10. Faculty profile (UG) with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)

Sr. No	Name of Faculty	Qualification	Designation	Specialization	Experience (Years)
1	Mr. R. D. Ghongade	M.E. Ph. D.(p)	Asso. Prof. & Head	Signal & Image processing, ANN	18
2	Mr. U. W. Hore	M.E.	Asst. Prof.	Digital Electronics	16
3	Mr. G. D. Nagose	M.E.	Asst. Prof.	Electromagnetic Fields	12
4	Mr. V. B. Padole	M.Tech. Ph. D.(p)	Asst. Prof.	Signal & Image processing	7
5	Mr. A. P. Dhande	M.E.	Asst. Prof.	Digital Electronics	6.5
6	Ms. J.J. Zunzunwala	M-Tech	Asst. Prof.	VLSI	5
7	Ms. Rupal Walli	M. E.	Asst. Prof.	Electronics Engineering	6
8	Mr. V. B. Langote	M. Tech.	Asst. Prof.	Electronic Circuits, Image Processing	3
9	Mr.M. P. Randive	M. E.	Asst. Prof.	Image Processing, Embedded System Design	2
10	Mr. A. R. Pawde	M. E.	Asst. Prof.	VLSI	5
11	Ms. Dewal Patne	M. E.	Asst. Prof.	Communication, Image Processing	1
12	Mss. Snehal Tingne	M. E.(P)	Asst. Prof.	Electronics Engineering	1

### Faculty Profile (PG) with name, qualification, designation, specialization

Sr. No.	Name	Qualification	Designation	Specialization	Experience (Years)
1	Mr. P. N. Pusdekar	M. Tech.	Asst. Prof.	Antenna Design, Speech Processing	8
2	Ms. S. K. Nanda	M. E.	Asst. Prof.	Digital Electronics	10
3	Mr. R. D. Sushir	M. E.	Asst. Prof.	Digital Electronics	6
4	Mr. S. P. Bhonge	M. Tech.	Asst. Prof.	Image Processing	5
5	Mr. B. R. Mankar	M. E.	Asst. Prof.	Mixed CMOS Design, Signal Processing	6

### 14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Post	Sanctioned	Filled
Technical Staff	08	08
Administrative Staff	01	01

#### 19. Publications:

#### **Publication per faculty**

- Number of papers published in peer reviewed journals (national / international) by faculty and students
- Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database International Social Sciences Directory, EBSCO host, etc.):
- Monographs
- Chapter in Books
- Books Edited
- Books with ISBN/ISSN numbers with details of publishers
- Citation Index
- SNIP
- SJR
- Impact factor:
- h-index
- National Conference:
- International Conference:
- National Journal:
- International journals:

Sr. No.	Name of Faculty Member	National Conference	International Conference	National Journal	International Journal
1	Prof. R. D. Ghongade	05	04		13
2	Prof. Umesh Hore	02	01		10

3	Prof. G. D. Nagoshe	02	01	 
4	Prof. S. K. Nanda	03	01	 14
5	Prof. P. N. Pusdekar			 04
6	Prof. Vishal Padole	01	02	 12
7	Prof. Akshay Dhande	02		 14
8	Prof. R. D. Sushir			 02
9	Prof. B. R. Mankar			 02
10	Prof. S. P. Bhonge		01	 04
11	Prof. J. J. Zunzunwala			 01
12	Prof. Rupal Walli			 02
13	Mr. Vishal B. Langote			 02
14	Prof.M. P. Randive			 02
15	Prof. Aniket R. Pawde			 02
16	Prof. Dewal Patne			 02

# 21. Faculty as members in a) National committees, b) International Committees, c) Editorial Boards

Sr. No.	Name of Faculty Member	Membership of Professional body / Society	Membership No.
1	Prof. R. D. Ghongade	IEEE, IETE, ISTE	M159671, LM36174
2	Prof. P. N. Pusdekar	ISTE	LM56203
3	Prof. S. K. Nanda	IETE, ISTE	AM227846, LM76377
4	Prof. Umesh Hore	ISTE	LM77016
5	Prof. B. R. Mankar	ISTE	LM 103676
6	Prof. S. P. Bhonge	ISTE	LM 103674
7	Prof. V. B. Langote	ISTE	LM 103677
8	Prof. J. J. Zunzunwala	ISTE	LM 103680

### 24. List of Eminent Academicians/ Scientists/Visitors to the Department:

Sr. No.	Name of eminent Academicians/ Scientists/ Visitors/ Industry Experts	Subject/Topic	Date	
1	Prof Swapnil Dhande,	Guest Lecture on Computer	20/07/2012	
	BDCOE, Sevagram	Networking		
2	Prolific System, Nagpur	Guest Lecture on Industrial Automation	07/08/2012	
3	Dr. Avinsh Saoji	Guest lecture on Personality	03/09/2012	
		Development		
4	Mrs. Sindhutai Sapkal	Guest lecture on Women's	18/09/2012	
		Empowerment		
5	Dr. U. A. Belorkar,	Guest Lecture on Introduction	26/07/2013	
	HVPM, Amravati	to VLSI Technology	20/07/2013	
6	Prof Gaurav Raut,	Guest Lecture on Embedded System	29/07/2013	
	PRPCE ,Amravati		29/07/2013	
7	Dr.Avinsh Saoji,	Guest Lecture on Personality	10/08/2013	
	Amravati	Development	10/08/2013	
8	Mrs. Nikki Arora	Guest Lecture on communication skill	27/08/2014	
	,Amravati	Guest Lecture on communication skin	27/08/2014	
9	Mr.Sunil Dhote	Guest Lecture on Microprocessor based	27/02/2015	
		Applications		
10	Mr. Yadav Tarde	Environment Awareness	12/08/2016	
11	Mr. Ajinkya Lohkare	Guest Lecture on Ethical Hacking	04/09/2017	

# 25. Seminars/ Conferences/ Workshops organized & the source of funding a)National

Sr. No.	Particular	Name of Event	Source of Funding	Date
1	Workshop	Workshop on Software languages (C,C++)	Self Finance	28/07/2017 to 08/08/2017
2	Workshop	Embedded system with Arduino and Interfacing through MATLAB.	Self Finance	30/08/2016 to 03/09/2016
3	Workshop	Matlab Interfacing With Hardware Device	Self Finance	26/06/2015
4	Workshop	Soft skill training by Globarena	Self Finance	26/12/2014 to 31/12/2014

5	Workshop	Workshop on C, C++ by	Self Finance	04/08/2014 to
		Mr. Ashish Mithole	Sen Finance	20/08/2014
6.	Workshop	Soft skill training by	Self Finance	09/07/2014 to
		Globarena	Sen Pinance	18/07/2014
7.	Workshop	Workshop on		22/08/2013 to
		Embedded System by	Self Finance	27/08/2013 to 27/08/2013
		Prolific System Pvt. Ltd.		21/06/2013

### **26.** Student profile programme/ coursewise:

Year	Name of the Programme	Intoko	Admitted	Enrolled	
1 car	Name of the Programme	Intake	45 03 26 02 39 16	*M	*F
2017-18	Electronics & Telecommunication Engg.(UG)	Intake         Admitted         *N           60         45         22           30         03         0           60         26         0           30         02         0           60         39         19           30         16         0           60         62         34           30         30         12           60         59         20           30         30         8           60         63         30           60         62         42           60         62         42	22	23	
2017 10	Electronics & Telecommunication Engg. (PG)	30	03	01	02
2016-17	Electronics & Telecommunication Engg.(UG)	60	26	07	19
2010 17	Electronics & Telecommunication Engg. (PG)	(PG) 30 02 (UG) 60 39	00	02	
2015-16	Electronics & Telecommunication Engg.(UG)	60	39	19	20
2013 10	Electronics %	30	16	01	15
2014-15	Electronics & Telecommunication Engg.(UG)	60	62	34	28
201113	Electronics & Telecommunication Engg. (PG)	30	30	12	18
2013-14	Electronics & Telecommunication Engg. (UG)	60	59	26	33
2013 14	Electronics & Telecommunication Engg. (PG)	30	30	8	22
2012-13	Electronics & Telecommunication Engg. (UG)	60	63	36	27
2011-12	Electronics & Telecommunication Engg. (UG)	60	62	42	20
2010-11	Electronics & Telecommunication Engg. (UG)	60	60	36	24

<sup>\*</sup>M=Male \*F=Female

# 31. Number of students receiving financial assistance from college, university, government or other agencies

No. of			Ca	ategory			
Students	SC	OBC	VJNT	SBC	ST	TFWS	Year
126	28	70	17	8	00	03	2016-17
192	37	110	25	12	5	03	2014-15
215	39	122	27	15	9	03	2013-14

# 32. Details on student enrichment programmes (special lectures / workshops /seminar) with external experts

Sr. No.	Name of Program	Date	Guest / Speaker	Торіс
01	Workshop for Final Year Students	28/07/2017- 08/08/2017	Webakruti Pvt. Ltd	Workshop on C, C++
02	Soft skill Training	4 Hrs/ Week	Prof. V. B. Langote	Communication skill
03	Soft skill training for final year students	12/09/2016 - 17/09/2016	Barclays	Soft skill Training
04	Workshop for 3 <sup>rd</sup> Year Students by MDB Electrosoft	30/08/2016 - 03/09/2016	Mr. Mangesh Bharati	Embedded systems with Arduino & interfacing through MATLAB
05	Special Lecture for 2 <sup>nd</sup> & 3 <sup>rd</sup> year Students	12/08/2016	Mr. Yadav Tarde	Environment Awareness
06	Special course for final year students	20/06/16 - 04/08/16	Mr. Sumedh Gawai (TCS)	Aptitude Training
07	Workshop for Final Year Students	21/07/2016 - 02/08/2016	Prof. D. C. Dhanwani	C & C++ Language
08	Workshop for 3 <sup>rd</sup> Year Students	22/02/2016 - 26/02/2016	Mr. Mangesh Bharati	Entrepreneurship, Arduino & Raspberry Pi
09	Guest Lecture	27/02/2015	Mr.Sunil Dhote	Microprocessor
10	Guest Lecture	27/08/2014	Mrs. Nikki Arora	Communication skill
11	Workshop for Final Year Students	04/08/2014 - 20/08/2014	Mr. Ashish Mithole	Workshop on C, C++

### **Evaluative Report of Civil Engineering**

### 10. Faculty profile (UG) with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)

Sr.	Name of Faculty	Qualification	Designation	Specialization	Experience
No					(Years)
1	Prof. Mohd. Zuhair	M.E	HOD	Structural Engg.	09
2	Prof. Sachin Saraf	M.E	Asst. Prof	GeotechEngg.	11
3	Prof. Nilesh Bhople	M.E	Asst. Prof.	Structural Engg.	11
4	Prof. Pallavi Bokey	M.E	Asst Prof.	GeotechEngg.	09
5	Prof. A.K. Chitkeshwar	M.Tech.	Asst Prof.	Structural Engg.	07
6	Prof. S. V. Dhoke	M.Tech.	Asst Prof.	Structural Engg.	08
7	Prof. A. R. Wadnerkar	M.Tech	Asst Prof	Structural Engg.	04
8	Prof. S. R. Shirbhate	M.Tech	Asst Prof	Structural Engg.	05
9	Prof. Mohd. Abdul Rehman	M.E	Asst Prof	Structural Engg.	07
10	Dr. R.S. Ingole	M.Tech	Asst Prof	Environmental Engg.	1.5
11	Prof. R. D. Wadhai	M.Tech	Asst Prof	Environmental Engg.	6
12	Prof. T. S. Junghare	M.E	Asst. Prof.	Structural Engg.	03

#### 19. Publications:

#### **Publication per faculty**

- Number of papers published in peer reviewed journals (national / international) by faculty and students
- Number of publications listed in International Database (For Eg:
   Web of Science, Scopus, Humanities International Complete, Dare
   Database International Social Sciences Directory, EBSCO host, etc.):
- Monographs
- Chapter in Books
- Books Edited
- Books with ISBN/ISSN numbers with details of publishers

• Citation Index

• SNIP

• SJR

• Impact factor:

• h-index

• National Conference: 10

• International Conference: 06

• National Journal: 00

• International journals:11

Sr. No.	Name of Faculty Member	National Conference	International Conference	National Journal	International Journal
1	Prof. Mohd.Zuhair	01	01	-	02
2	Prof. SachinSaraf	01	-	-	01
3	Prof. NileshBhople	01	-	-	01
4	Prof. PallaviBokey	-	-	-	01
5	Prof. A.K. Chitkeshwar	02	-	-	-
6	Prof. Subhodh V. Dhoke	02	-	-	-
7	Prof. Amit R. Wadnerkar	01	-	-	-
8	Prof. Snehal R. Shirbhate	01	-	-	01
9	Prof. Mohd. Abdul Rehman	-	-	-	01
10	Prof. R.S. Ingole	-	03	-	04
11	Prof. R. D. Wadhai	03	-	-	-
12	Prof. T. S. Junghare	-	-	-	02

### **Evaluative Report of First year Engineering**

### 9. Number of Teaching Post:

Post (UG+PG)	Sanctioned	Filled	
Professor	01	01	
Associate Professor	03	03	
Assistant Professor	28	28	

# 10. Faculty profile (UG) with name, qualification, designation, specialization, (D.Sc./ D. Litt./ Ph.D. / M. Phil. etc.,)

Sr. No	Name of Faculty	Qualification	Designation	Specialization	Experience (Years)
1	Dr. S.D. Wakde	Ph. D, M.Sc. (Phy.),B.Ed	Principal	Glasses Ionics; Material Science	30
2	Dr. N. R. Thakare	Ph.D , M.Sc. (Phy), B Ed	Associate Professor	Material Science & Ionic Battery	19
3	Dr. A.D. Bhoyar	M.Sc (Chem), B.Ed., Ph.D	Associate Professor	Organic Chemistry	15
4	Dr. N.A. Kalambe	Ph.D, M.Sc.Chem, B Ed., M. Phil,	Associate Professor	Physical Chemisry	09
5	Dr. Y.K. Vyawahre	Ph.D, M.Sc, (Chem.), B.Ed.	Assistant Professor	Organic Chemistry	10
6	Prof. H.R. Dhanbhar	M.Sc (Chem), B.Ed., Ph.D(P)	Assistant Professor	Waste Water Treatment	14
7	Dr. M. C. Golchha	Ph.D, M.Sc.(Phy.)	Assistant Professor	Polymer Nanocomposites	07
8	Dr. S.A.Patil	Ph.D,M.Phil, M.Sc.(Phy.)	Assistant Professor	Spectroscopic Technique	6
9	Prof. G. B. Malviya	M.Sc (Maths), M.Phil. Ph.D(P)	Assistant Professor	Theory of Relativity	21
10	Dr. S.A. Khapre	Ph.D, M. Phil. M. Sc (Maths),B.Ed	Assistant Professor	Functional Transfom	16
11	Prof.S.A.Bhojne	Ph.D(P),M. Phil.M. Sc (Maths),B.Ed	Assistant Professor	Theory of Relativity	10

12	Prof. S.P. Shahare	Ph.D(P),M. Phil.M. Sc (Maths),B.Ed	Assistant Professor	Theory of Relativity	9.5
13	Prof. J.S.Wath	M.Sc (Maths),B.Ed	Assistant Professor	Theory of Relativity	9
14	Prof. S.S. Nerkar	M.Sc (Maths),B.Ed	Assistant Professor	Theory of Relativity	07
15	Prof. S.S. Khan	M.Sc (Maths),B.Ed	Assistant Professor	Theory of Relativity	05
16	Prof. K.S. Lilhare	M.Sc (Maths),B.Ed	Assistant Professor	-	5.5
17	Prof. S.A. Jalit	M.Tech	Assistant Professor	Power System	08
18	Prof. Sarika Gujar	ME	Assistant Professor	Embeded System	01
19	Prof. Akshay Pundkar	ME	Assistant Professor	Power System	3
20	Prof. M.S. Deshmukh	I.S. Deshmukh ME		Power System & Protection	09
21	Prof. P.N. Deshmukh	ME	Assistant Professor	Structural Engineering	05
22	Prof. P.A. Deshmukh	ME	Assistant Professor	Construction Management	4.5
23	Prof. P.G. Patil (Mali)	M.Tech, MBA	Assistant Professor	Thermal Engineering	3
24	Dr. N.V. Chore	PhD, M. Lib	Librarian	Research Methodology & IT	10
25	Prof. S.H. Telkhade	MA, M. Phil, NET	Assistant Professor	English Literature	10
26	Prof. S.A. Thakre	M. PEd	Assistant Professor	-	10
27	Prof. S.V. Sonkhaskar	BE	Assistant Professor	-	02
28	Prof. M.S. Deshmukh	ME	Assistant Professor	-	02
29	Prof. N.K. Chavan	MSc (Geo), PhD(P)	Assistant Professor	Geology	4
30	Prof. R.V. Ambadkar	ME	Assistant Professor	Power System	4
31	Prof. A.R. Sonekar	ME	Assistant Professor	CAD/CAM	8
32	Prof. M.V. Ingalkar	ME	Assistant Professor	CAD/CAM	6

### 14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Post	Sanctioned	Filled
Administrative Staff	2	2
Support Staff (Technical)	8	8

#### 15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/ PG.

Degree	No. of Faculty
Ph. D.	09
M. Phil.	07
PG	31

#### 19. Publications:

#### **Publication per faculty**

- Number of papers published in peer reviewed journals (national / international) by faculty and students
- Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database International Social Sciences Directory, EBSCO host, etc.):
- Monographs
- Chapter in Books
- Books Edited
- Books with ISBN/ISSN numbers with details of publishers
- Citation Index
- SNIP
- SJR
- Impact factor:
- h-index
- National Conference:
- International Conference:
- National Journal:
- International journals:

Sr. No.	Name of Faculty Member	National Conference	International Conference	National Journal	International Journal	Books
1	Dr. S.D. Wakde	9	2	6	4	4
2	Dr. N. R. Thakare	2	Nil	2	2	1
3	Dr. A.D. Bhoyar	1	1	Nil	Nil	1
4	Dr. N.A. Kalambe	4	Nil	2	8	Nil
5	Dr. Y.K. Vyawahre	1	Nil	1	1	Nil
6	Prof. H.R. Dhanbhar	7	1	Nil	8	Nil
7	Dr. M. C. Golchha	Nil	Nil	Nil	2	Nil
8	Dr. S.A. Patil	1	Nil	Nil	2	Nil
9	Prof. G. B. Malviya	2	2	1	2	2
10	Dr. S.A. Khapre	2	8	Nil	23	Nil
11	Prof.S.A. Bhojne	3	7	6	1	Nil
12	Prof. S.P. Shahare	1	2	Nil	4	Nil
13	Prof. J.S. Wath	1	Nil	Nil	1	Nil
14	Prof. S.S. Nerkar	1	2	Nil	1	2
15	Prof. S.S. Khan	1	2	Nil	Nil	Nil
16	Prof. K.S. Lilhare	Nil	Nil	Nil	Nil	Nil
17	Prof. S.A. Jalit	2	Nil	2	5	1
18	Prof. Sarika Gujar	Nil	Nil	Nil	1	Nil
19	Prof. Akshay Pundkar	Nil	Nil	Nil	Nil	Nil
20	Prof. M.S. Deshmukh	Nil	Nil	Nil	Nil	Nil
21	Prof. P.N. Deshmukh	2	1	Nil	2	Nil
22	Prof. P.A. Deshmukh	Nil	Nil	Nil	Nil	Nil
23	Prof. P.G. Patil (Mali)	1	1	Nil	Nil	Nil
24	Dr. N.V. Chore	4	1	2	1	Nil
25	Prof. S.H. Telkhade	4	1	Nil	1	Nil
26	Prof. S.A. Thakre	Nil	Nil	Nil	1	Nil
27	Prof. S.V. Sonkhaskar	Nil	Nil	Nil	Nil	Nil
28	Prof. M.S. Deshmukh	1	Nil	1	Nil	Nil
29	Prof. N.K. Chavan	Nil	2	Nil	2	Nil
30	Prof. R.V. Ambadkar	2	Nil	Nil	Nil	Nil
31	Prof. A.R. Sonekar	Nil	1	2	Nil	Nil
32	Prof. M.V. Ingalkar	Nil	Nil	Nil	2	Nil

### 26. Student profile programme/course wise:

Year	Name of the	Intake	Admitted	Enrolled	
Teur	Programme	munc	Tumitte	*M	*F
2017-18	Bachelor of Enggg. (First Year)	480	451	282	169
2016-17	Bachelor of Enggg. (First Year)	480	430	291	139
2015-16	Bachelor of Enggg. (First Year)	480	452	331	121
2014-15	Bachelor of Enggg. (First Year)	480	422	288	134
2013-14	Bachelor of Enggg. (First Year)	480	435	293	142

<sup>\*</sup>M=Male \*F=Female

### 27. Diversity of Students

Name of the	Year	% of students from	% of students	% of students	
Course	i ear	the same State	From other States	From abroad	
	2017-18	98.98%	0.69 %	Nil	
BE	2016-17	99.76 %	0.23 %	Nil	
	2014-15	99.55%	0.44 %	Nil	
	2013-14	99.77 %	22.98 %	Nil	

### 30. Details of Infrastructural facilities

a) Library: UG Books

<b>T</b> 7	Number of Volumes					
Year	2013-14	2014-15	2015-16	2016-17		
Engg. Drawing	05			30		
Engg. Mechanics	515	123		30		
Chemistry	229			30		
Electrical Engg.	10	60	288	69		
Mathematics	568	10	05	60		
Physics	48			30		
Computer Prog.	604	236	126	30		

### **Evaluative Report of MBA**

# 10. Faculty profile (PG) with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,):

Sr. No	Name	Qualification	Designation	Specialization	Experience (Years)
1	Prof. S. R. Shah	MBA, M.Com, PGDIBO, PhD (P)	Asst. Prof.	Finance	09
2	Prof. N. S. Kariya	MBA, MIRPM, MSc (Statistics)	Asst. Prof.	Marketing	15
3	Prof. A. N. Tondre	MBA, DBM, PDHRM MA, Bed, Mphil, PhD (P)	PDHRM MA, Bed, Asst. Prof.		08
4	Prof. V. A. Ingole	MBA	Asst. Prof.	Finance	06
5	Prof. S. K. Singh	MBA	Asst. Prof.	Marketing	07
6	Prof. P. W. Nimbhorkar	B.A ,MBA	Asst. Prof.	Human Resource Management	06
7	Prof. M. I. Qureshi	BBA, MBA, PhD (P)	Asst. Prof.	HRM, MRKT	04
8	Prof. M. D. Upadhyay	MBA	Asst. Prof.	Human Resource Management, Finance	03
9	Prof. S.B.Kadu	BE ,MBA	Asst. Prof.	Marketing	03

### 14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Staff	Sanctioned	Filled
Administrative staff	01	01

### 15. Qualifications of teaching faculty with D. Sc./ D. Litt./ Ph. D./ M.Phil./ PG.

Degree	No. of Faculty
MBA	08
M. Phil	01

#### 19. Publications:

- Publication per faculty
- Number of papers published in peer reviewed journals (national/international) by faculty and students
- Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities, International Complete, Dare Database, International Social Sciences Directory, EBSCO host, etc.):
  - Monographs
  - Chapter in Books
  - Books Edited
  - Books with ISBN/ISSN numbers with details of publishers
  - Citation Index
  - SNIP
  - SJR
  - Impact factor:
  - h-index
  - National/International Conference: 73
  - National Journal: 46
  - International journals:33

Sr. No.	Name of Faculty Member	National Conference + International Conference	National Journal	International Journal
1	Prof. S. R. Shah	06	03	03
2	Prof. N. S. Kariya	15	14	01
3	Prof. A.N. Tondre	25	10	15
4	Prof. S. K. Singh	11	07	04
5	Prof. P. W. Nimbhorkar	02	01	01
6	Prof. V. A. Ingole	14	8	6
7	Prof. M. I. Qureshi	06	03	03

### 1. List of eminent academicians and scientists/ visitors to the department

Scientists/ Visitors		
Chetan Bhagat,		
Balasaheb Darade,		
Ashok Khade(DAS Offshore)		

### 2. Student profile programme/ coursewise:

Name of the Course/	Year	Applications	Selected	Enro	lled
Programme		Received		*M	*F
	2012-13	60	60	29	31
	2013-14	33	33	22	11
MBA	2014-15	53	53	25	28
WIDA	2015-16	55	55	38	17
	2016-17	56	56	28	28

<sup>\*</sup>M=Male \*F=Female

### 27. Diversity of Students

Name of the Course	Year	% of students from the same State	% of students From other States	% of students From abroad
	2012-13	100%	NIL	NIL
	2013-14	100%	NIL	NIL
MBA	2014-15	100%	NIL	NIL
	2015-16	100%	NIL	NIL
	2016-17	100%	NIL	NIL

### 29. Student progression

Ctudent nucewooden	Number			
Student progression	2013-14	2014-15	2015-16	
Campus Selection	16	16	23	
Other than campus recruitment	13	11	15	

### **Campus selection:**

Students Placed: 2016-17 batch

Sr. No.	Name of Students	Company Name
1	Payal Rathi	Metro Global
2	Akshay Falke	Metro Global
3	Shubham Gudadhe	Metro Global
4	Suraj Dakare	Cordova Publications
5	Akshay Pandey	Goyal Ganga Group
6	Avinash Sukhdeve	Goyal Ganga Group

#### 30. Details of Infrastructural facilities

### a) Library

Total No. of Titles	Total No. of Volumes	Total No. of journals	Total No. of International Journals
959	5694	-	-

b) Internet facilities for Staff & Students: Available

i) Classrooms with ICT facility: yes

ii) Laboratories: NA

# 31. Number of students receiving financial assistance from college, university, government or other agencies

No. of Category						Year
Students	SC	OBC	VJNT	SBC	ST	Teur
45	5	33	6	1	0	2014-15
48	14	31	3	0	0	2015-16
94	14	43	06	01	01	2016-17

**32.** Details on student enrichment programmes (special lectures/ workshops/ seminar) with external experts.

### **GUEST LECTURE REPORT (2016-17)**

Sr.	Name of Guest	Date	Time	Topic
No				
1	Shri Shivaji Joshi	11/08/2016	11:00 am to 1:00 pm	Relevance of Shivaji in
				Management Education
2	Dr. Dilip Singh	30/08/2016	11:00 am to 1:00 pm	Professional Development
3	Mayur Joshi	16/09/2016	11:00 am to 1:00 pm	Yuva Bharat Safal Bharat
4	Dr. Vishram Bapat	03/10/2016	09:00 am to 11:00 am	Stock Market Functioning
5	Sameer Ghule	19/10/2016	12: pm to 01:30 pm	Telemarketing
6	Swami	19/10/2016	01:00 am to 02:00 pm	Micro Finance
	Tanmayanand			

### **Evaluative Report of MCA**

### 8. Number of Teaching Post:

Post( UG+ PG)	Sanctioned	Filled
Professors	01	01
Associate Professors	00	00
Asst. Professors	10	10

### 9. Faculty profile (PG) with name, qualification, designation, specialization

Sr. No	Name	Qualificati on	Designation	Specialization	No. of Years of
1	Dr.C.A.Dhawale	Ph.D	Professor and HOD (College Regular)	Image & Video Processing	Experience 20 Years
2	Prof.P.S.Thombare	MCA	Asst. Professor	Data Mining	8 Years
3	Prof. A.S.Bhande	MCA	Asst. Professor	Data Base Management	7 Years
4	Prof. S.M.Jadhav	MCA	Asst. Professor	Software Project Management	6 Years
5	Prof. V. M. Kale	MCA	Asst. Professor	Advance Java	6 Years
6	Prof. R.V.Mahule	MCA	Asst. Professor	Multimedia Technologies	6 Years
7	Mr.A.K.Jamnerkar	M.E (Appear)	Asst. Professor	Data Base Management	2.5 Yrs
8	Mr.Nikhil Karale	M.E	Asst. Professor	Data Mining	1.7 Yrs
9	Ms.Bhagyashri Purwar	M.C.A	Asst. Professor	Statistical Methods	2.5 Yrs
10	Ms.Radhika Kharode	M.C.A	Asst. Professor	Statistical Methods	4 Yrs.
11	Dr.Roshan Bhure	M.C.A, Ph.D Computer Sc.	Asst. Professor	Information Retrieval	0.1 Yrs

10. List of Senior visiting faculty: 02

Sr.	Name	Qualification	Designation	No. of Years of
No				Experience
				(PG)
1	Ms.Jia Budhwani	M.A Eng.Lit.	Visiting Faculty	08 Years

### 15. Qualifications of teaching faculty with DSc / D.Litt/ Ph.D/ MPhil / PG.

Degree	No. of Faculty
Ph.D	02
MCA	08
M.E	02
M.A	01

#### 19. Publications: Dr.C.A.Dhawale

Sr.	Name	National	Inter -	National	Inter -
No.		Conference	national	Journal	national
			Conference		Journal
1	Dr.C.A.Dhawale	19	26	-	17
2	Ms.A.S.Hande	01	-	-	-
3	Ms.Rachana Mahule	01	02	-	-
4	Mr.A.K.Jamnerkar	03		-	
5	Mr.Nikhil Karale		03	-	
6	Ms.Bhagyashri Purwar			-	
7	Ms.Radhika	02		-	01
•	Kharode				
8	Dr.Roshan Bhure	02	-	-	01

### 26. Student profile programme/course wise:

Name of the Course/ Programme MCA	Year	Applications Received	Selected	Enro	lled *F
Wich		Received		* <b>M</b>	*F
	2017-18	30	30	09	21

<sup>\*</sup>M=Male \*F=Female

### 27. Diversity of Students

Name of the Course	Year	% of students from the same State	% of students from other States	% of students from abroad
MCA	2017-18	100	0	0

**Workshops for Students – Winter – 2017** 

workshops for Students – winter – 2017						
Sr.No.	Dates	Торіс	Expert	Adress		
1	11/1/2017	Project Development Life Cycle	Ms.Aparna Bhande	M.C.A Deptt.		
2	13/1/2017 to 19/1/2017	Database Management for Project Development	Ms.Aparna Bhande	M.C.A Deptt.		
3	17/3/2017	IBM Watson Cloud Developing	Mr.Ameya Kulkarni	Sr.Software Developer, Persistent Systems, Pune		
4	18/7/2017 to 20/7/2017	CSS,HTML5, Javascript	Mr.V.M.Kale	MCA Deptt. P.R.P.C.E.M, Amt		
5	16/8/2017 to 19/8/2017	PHP-MYSQL	Mr.Nikhil Karale	P.R.P.C.E.M, Amt		

Workshops Conducted – IIT –Spoken Tutorial –FOSS-IIT Mumbai

Sr.No.	Date	Topic	Organizer
1	23-Jan-2017	СРР	Mr.V.M.Kale
2	24-Jan.2017	JAVA	Mr.V.M.Kale

#### c) Laboratories:

For PG: MCA

Sr. No.	Lab Name	Total Cost Rs.
1	Computer Center Laboratory	2,269,805
2	Web Technology Laboratory	1,085,300
3	Database Management Laboratory	5,00,000
4	Project Development Laboratory	2,50,000

Note: All the Laboratories are well equipped with internet facility.

### 31. Number of students receiving financial assistance from college, university, government or other agencies

No. of	Category					Year	Branch
Students	SC	OBC	VJNT	SBC	ST	Tour	Diulien
62/88	07	48	01	04	02	2017-18	MCA

### **32.** Details on student enrichment programmes (special lectures / workshops/seminar) with external experts

Sr.No.	Date	Time	Topic	Resource Person	Designation
1	4/2/2017	1:30 pm to 3 pm	S/W Testing and Industry Current Trends	Mr.Wasim Shaikh	Software Tester Testing Pvt.Ltd, Pune
2	6/9/2017	12:00 noon to 1:30 pm	Tester , Slik Web Solutions,Pune	Mr.Anand Deshmukh	Programmer, Jhonson Control Pvt.Ltd. Pune.