SELF STUDY REPORT (SSR)

Submitted by







Sanjivani Rural Education Society's

Sanjivani College of Engineering,

Kopargaon Dist: Ahmednagar, Maharashtra Pin: 423 603

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Email- principalcoe@sanjvani.org.in Phone Nos. +91-2423-222862, 223362

Submitted to



NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL (NAAC)

P.O. Box No.1075, Nagarbhavi, Bangalore, Karnataka, India – 560072

Self Study Report [SSR]

WITH HIS BLESSINGS

























Self Study Report [SSR]

ABBREVIATIONS

ABET	Accreditation Board for Engineering & Technology
AICTE	All India Council for Technical Education
ASCE	American Society of Civil Engineers
ASME	American Society of Mechanical Engineers
BCUD	Board of College and University Development
BE	Bachelor of Engineering
BoS/ BOS	Board of Studies
CAP	Centralized Admission Process
CAT	Common Admission Test
CII	Confederation of Indian Industry
CSI	Computer Society of India
DAB	Departmental Advisory Board
DRDO	Defence Research & Development Organization
DST	Department of Science & Technology
EDC	Entrepreneurship Development Cell
ERP	Enterprise Resource Planning
FDP	Faculty Development Program
GATE	Graduate Aptitude Test in Engineering
GB	Governing Body
GRE	Graduate Record Examination
HoD/HOD	Head of the Department
ICT	Information and Communication Technology
IEI	The Institution of Engineers India
IEEE	Institute of Electrical and Electronics Engineers
IETE	Institute of Electronics and Telecommunication Engineers
IIIC	Industry Institute Interaction Cell
IPR	Intellectual Property Rights
IQAC	Internal Quality Assurance Cell
IQAS	Internal Quality Assurance Service
ISLE	Indian Society of Labour Economics
ISO	International Organization for Standardization

ISR	Institutional Social Responsibility
ISTE	Indian Society for Technical Education
IUCEE	Indo-US Collaboration for Engineering Education
LMC	Local Managing Committee
LOI	Letter of Intent
ME	Master of Engineering
MODROBS	Modernization and Removal of Obsolescence
MOU	Memorandum of Understanding
MSEDCL	Maharashtra State Electricity Distribution Company Limited
NBA	National Board of Accreditation
NCC	National Cadet Corps
NDRF	National Disaster Response Force
NGO	Non-Governmental Organization
NMEICT	National Mission on Education through Information and
	Communication Technology
NPTEL	National Programme for Technology Enhanced Learning
NSS	National Service Scheme
NT	Nomadic Tribes
OBC	Other Backward Class
OPAC	Online Public Access Catalog
PEO	Programme Education objectives
PG	Post Graduate
Ph.D.	Doctor of Philosophy
PLC	Programmable Logic Controller
PO	Performance Outcome
PUC	Pollution Under Control
QIP	Quality Improvement Program
RPS	Research Promotion Scheme
SBC	Special Backward Class
SC	Scheduled Caste
SPEED	Student Platform for Engineering Education Development
SPPU	Savitribai Phule Pune University

SRES	Sanjivani Rural Education Society
ST	Scheduled Tribes
STTP	Short Term Training Programme
TOEFL	Test of English as a Foreign Language
TPO	Training and Placement Office
UG	Under Graduate
UGC	University Grants Commission
UTLP	Unified Training & Learning Platform
ISSN	International Standard Serial Number
SNIP	Source Normalised Impact per Paper

Self Study Report [SSR]

CONTENTS

Sr. No.	Particulars	Page No.
1	Covering letter by the Principal	01
2	Preface	05
3	Executive Summary	07
4	SWOC analysis of the Institute	11
5	Profile of the Institute	13
	Criterion-wise Analytical Report	
	Criterion I: Curricular Aspects	27
	Criterion II: Teaching-Learning and Evaluation	51
	Criterion III: Research, Consultancy and	101
	Extension	
6	Criterion IV : Infrastructure and Learning	167
	Resources	
	Criterion V : Student Support and Progression	215
	Criterion VI: Governance, Leadership and	271
	Management	
	Criterion VII: Innovations and Best Practices	307
	Evaluation Report of the Departments	
	Department of Civil Engineering	319
	Department of Computer Engineering	353
	Department of Electronics & Telecommunication	383
7	Engineering	
,	Department of Information Technology	417
	Department of Mechanical Engineering	435
	Department of Master of Business Administration	459
	(MBA)	
8	Declaration by the Head of the Institute	479
9	Certificate of Compliance	481
10	Annexures	483
	a) Trust registration document	

b)	Land documents
	N. A. Order
d)	College opening/permission letters
e)	University affiliation Letter 1999
f)	University affiliation Letter 2013
g)	Letter of Permission for Research centre in
	ETC 2015
h)	University affiliation Letter 2015
i)	University academic approval Letter 2016-17
j)	AICTE Approval Letter 2016-2017
k)	NBA Accreditation Letter 2003
1)	NBA Accreditation Letter 2003
m	NBA Accreditation Letter 2008
	NBA Accreditation letter 2013
	NBA Accreditation Letter 2015
p)	NBA Accreditation Letter 2016

Sanjivani Rural Education Society's

Sanjivani College of Engineering

ISO 9001 - 2008 Certified

At. Sahajanandnagar, Post. Shingnapur - 423 603, Tal. Kopargaon, Dist. Ahmednagar (MS)

Approved by AICTE, Accredited by NBA No. FMS. 45/B-II/RC(BB)/93/14136 Dt. 17-1-1994 Affiliated to Savitribai Phule Pune University, Pune ID No. PU/AN/Engg. 026/(1983)

Phone: (02423) 222862, 223362, 223947
 Fax: 02423-222682
 Website: www.sanjivanicoe.org.in
 e-mail: principalcoe@sanjivani.org.in

Ref:-SRES/SCOE/NAAC /2016-17/7325

Date: 10/02/2017

To,

The Director

National Assessment and Accreditation council

P.O. Box No. 1075, opposite NLIU, Nagarbhavi,

Banglore-560072, Karnataka

Subject: Submission of Hard and soft copies of SSR of Sanjivani College of Engineering,

Kopargaon, Track ID- MHCOGN26913

Reference: your mail dated 07/02/2017 regarding acceptance of LOI.

Dear Sir,

With reference to the above, we had prepared the Self-study report which had been uploaded on our college website.

We are pleased to submit the five Hard copies of SSR and one soft copy (CD) to National Assessment and Accreditation Council, Bangalore. The SSR has been prepared accordance with the guidelines prescribed by the NAAC for the accreditation of the affiliated college.

Sr. No	Particular	Detail
. 1	Name of Institution	SRES's Sanjivani college of Engineering, Kopargaon Maharashtra
2	LOI Track ID	MHCOGN26913
	Mail ID	principalcoe@sanjivani.org.in
3	Web site	www.sanjivanicoe.org.in
4	A & A fee demand draft and date	Rs.345000/-, DD No.686221 HDFC Bank, dated 10/02/2017

This is for your kind information and necessary action

Thanking you

Yours Faithfully,

Dr. D. N. Kyatanavar Principal

Self Study Report [SSR]

Preface

It gives me immense pleasure to submit the Self-Study Report (SSR) of Sanjivani Rural Education Society's (SRES), Sanjivani College of Engineering, Kopargaon to the National Assessment and Accreditation Council (NAAC), Bangalore for assessment and accreditation. The SSR report has been prepared with utmost care and as per the guidelines provided by NAAC. The report comprises three sections: Section I - Profile of the Affiliated Institute, Section II - Criterion-Wise analytical report, Section III- Evaluation report of the Departments.

SRES's Sanjivani College of Engineering, Kopargaon was established in 1983 and is affiliated to Savitribai Phule Pune University (SPPU), Pune, Maharashtra. The institute is ISO 9001:2008 certified offers 05 undergraduate, 05 post graduates and 03 Ph.D courses out of which 05 under graduate courses are permanently affiliated to SPPU, Pune. The institute was honored with the best college award in 2014-15 by Savitribai Phule Pune University, Pune, in Professional-Rural category.

We are devoted to impart quality engineering education and create opportunities for rural students to become intelligent engineers and technocrats. This accreditation process will provide us an opportunity to know our strengths and weaknesses and to implement the suggestions given by the peer team.

It is tough to complete this self-study report (SSR) without the cooperation and help of entire team of Sanjivani College of Engineering. I would like to express my profound thanks to the members of the Steering Committee, the Heads of the Departments, the faculty and staff for their contribution in the preparation of SSR. I take this opportunity to thank our Management for their help and whole hearted support for this endeavor.

We look forward for the visit of the Peer Team and you will appreciate our efforts.

Dr. D. N. Kyatanavar,
Principal
Sanjivani COE, Kopargaon (M. S.)

Self Study Report [SSR]



Executive Summary

SRES's Sanjivani College of Engineering, Kopargaon is among the premier self-financing Engineering Colleges in Maharashtra. The College was established in 1983 by the Sanjivani Rural Education Society under the dynamic leadership of Hon'able Shri. Shankarraoji Kolhe Saheb, former Minister, Government of Maharashtra.

The mission of the institute is to make use of science, engineering and technology as the Principal instruments for economic development and to improve the quality of life of rural people through education, training and research. The institute aims at harnessing the technical human resources in the field of Civil, Computer, Electronics, Information Technology and Mechanical Engineering towards the socio-economic transformation of rural India.

The College has been approved by AICTE, New Delhi and permanently affiliated to Savitribai Phule Pune University, Pune. The institute is ISO 9001: 2008 certified. Institute is awarded with BEST COLLEGE Award by Savitribai Phule Pune University in 2014-2015.

CURRICULAR ASPECTS

Sanjivani COE has set its own Vision, Mission and Quality Policy and is trying to adopt Outcome based Education into practice. The curriculum of our programmes is revised every four years by Savitribai Phule Pune University to meet the needs of industry, current research and societal requirements. The Board of Studies of each programme in SPPU is constituted by eminent scientists, academicians and Industry Professionals. Further, our industry tie-ups, alumini interactions and co-curricular activities make the students more competitive and industry ready. Good number of events/programs on soft skills and professional development are conducted within the campus to enrich the skills of students.

TEACHING - LEARNING AND EVALUATION

The institute gives wide publicity of its infrastructure, staff and other facilities through website and newspaper advertisements. Eighty percent of the seats are filled through CET by DTE, Mumbai, while twenty percent by the Management for both UG and PG.

Admissions through CET are as per the rules framed by the respective authorities. Financially weaker students are supported with scholarships as per state and central government norms. Female population surpasses male population and the institution is gender un-biased. Policies adopted by Govt. of Maharashtra are strictly followed for differently-abled students. The institution follows a well-structured plan for conduction of courses. Subject allotment is done well in advance and a course file containing information of academic calendar, teaching plan, teaching notes etc. The library has a good collection of books, e-books, e-journals and NPTEL videos. The language laboratory, internet labs, virtual labs, computer lab facility provide a good environment for students to learn the concepts and apply them to practical projects. A number of events on academic improvement, societal and environmental issues etc. are organized time to time. The college is having a health care facility with well-equipped ambulance. The college has provided the hygienic canteen and mess facility for students. The placement cell is well established with GD, Interview rooms and seminar halls. The College is having a computing centre with sufficient no of systems with LAN and 100MBPS Wi-Fi facilities, with licensed software as per requirements. The college campus is green with well-maintained tress bushes, lawns, buildings etc. The equipment's, furniture, computers and generator are well maintained to satisfy the needs.

STUDENT SUPPORT AND PROGRESSION

Sanjivani COE provides all the welfare measures such as scholarships, free ships and student safety insurance scheme to ensure a financially trouble free environment. It provides information about the competitive examinations and offers career counselling, soft skills training, entrepreneurial skills to enhance the employable opportunity of the students. The Placement cell is well equipped with staff and infrastructure to ensure smooth placement process. Sanjivani COE has grievance redressal, sexual harassment prevention and Anti ragging cells to address the issues. The alumni association is registered and provides a platform for aluminous to interact with the college. It also monitors the career growth of the students. The students are encouraged to take part in several responsible administrative positions which not only improves their leadership skills but also helps them to achieve the academic excellence. Participation in several events, NSS, blood donation camp, swachh bharat abhayan inspires social responsibility amongst the students.

GOVERNANCE, LEADERSHIP AND MANAGEMENT

Sanjivani College of Engineering was established by Sanjivani Rural Education Society (SRES) in the year 1983 at Kopargaon and is governed by board of trustess of SRES. The institute has been contributing to Engineering and Management Education with a focus towards developing graduates with a global outlook and with necessary Entrepreneurial, Managerial & Software Development skills to succeed in a competitive world. As an academic institution, Sanjivani COE has the richness and depth commonly found in the larger Engineering Colleges and students of Sanjivani COE receive individual attention and concern. Sanjivani COE is continuously learning, evolving with every year and updating the needs of the companies by promoting all necessary requirements. Sanjivani COE believes in overall development of its all stakeholders. The institute is striving towards excellence and imparting practical knowledge through Technical expertise since its inception. Engineering students at Sanjivani Engineering College are privileged to have world class Education and ultra-modern lab facilities for their over all personality development with the support of Management and dedicated staff. Management of the SRES has empowered its faculty at all the levels of the organization. The participation of teaching faculty in the governing body of institution has been ensured. The entire stakeholders are involved in the development of the institution.

INNOVATIONS AND BEST PRACTICES

The Sanjivani COE has adopted various measures to maintain a green campus which helps in developing an eco-balanced environment. The College ensures environmental consciousness in the minds of the students by conducting environmental awareness programmes time to time. A mandatory course Basic Civil and Environmental Engineering Studies is prescribed in first semester of UG program by affiliating university. Innovation and Entrepreneurship development cell has been established to meet the challenges and needs of the society. College has adopted certain Best Practices "Mentoring System", "Research initiatives among the students and faculty" which make the Sanjivani COE as one of the best institution to enhance the performance of the students.

SWOC ANALYSIS OF THE INSTITUTE

> STENGTHS:

- o ISO 9001:2008 Certified Institute
- NBA Accreditation of IT, Mechanical, E&TC, Computer and Civil Engineering
- Accredited By Institutions of Engineers, (India)
- Winner of various state and National level awards
- o Thirtythree years of Establishment
- Strong Alumni base
- Visionary Leadership
- o Consistency in University Rank holders
- Good staff retention
- Good Placement Record
- Adequate Infrastructure
- Good University results
- Good Team work
- Good Brand image amgost the students
- Good Teaching Learning Process
- Foreign Collaboration with three Universities
- Mentorship Scheme
- State of the art Library
- o Wi-fi Campus

WEAKNESS

- Because of primary education of the students in vernacular language, the students are weak in English communication
- In nearby vicinity very few small scale industries, due to this less industry exposure to the students.

OPPORTUNITIES

- Industry Interaction
- Rural Development work
- Consultancy on various projects
- Networking with other institutes and organizations
- Research Grants

> CHALLENGES

- O To reduce skill gap between students and industry expectation
- Involvement of industry professionals
- Improving the quality of admitting students
- Quality research work

PROFILE OF THE INSTITUTE

Self Study Report [SSR]

PROFILE OF THE INSTITUTE

1. Name of the Institute:

Name:	Sanjivani Rural Education Society's Sanjivani College		
	of Engineering, Kopargaon		
Address:	At: Sahajanandnagar, Post: Shingnapur, Tal - Kopargaon		
	Dist:- Ahmednagar (Maharashtra State) Pin – 423 603		
City:	Kopargaon		
Website:	Website: <u>www.sanjivanicoe.org.in</u>		

2. For Communication:

Designati on	Name	Telephone With STD code	Mobile	Fax	Email
Principal	Dr. D. N. Kyatanavar	O:02423- 222862,223362	9850866855	02423- 222682	principalcoe@ sanjivani.org.in
Vice Principal	Dr. A. G. Thakur	O:02423- 222862,223362	9923217056	02423- 222682	hodmechcoe@ sanjivani.org.in
Steering Committee Co- ordinator	Dr. M. V. Jadhav	O:02423- 222862,223362	9552021276	02423 222682	jadhavmadhuka rcivil@sanjivani .org.in

3. Status of Institute:

Affiliated College	✓
Constituent College	
Any Other (Specify)	

4. Type of Institute:

1 By Gender:

i.	For Men	
ii.	For Women	
iii.	Co-education	✓

2 By Shift:

i. Regular 🗹

ii. Day

iii. Evening

_				
_	14:~ ~	***		institution?
_	11 16 3	recoonizea	minariiv	ingillilinn /
\sim	11 13 a	I CCUZIIIZCU		montanti.

Yes	
No	✓

6. Source of Funding:

Government	
Grant-in-aid	
Self-financing	√
Any other	

- 7. a Date of establishment of the college: August 1983
 - b. University to which the college is affiliated/or which governs the college (If it is a constituent college)

Savitribai Phule Pune University, Pune

c. Details of UGC recognition:

Under Section	Date, Month & Year (dd-mm-yyyy)	Remarks (If any)
i. 2(f)	24/06/2004	-
ii. 12(B)	N.A.	-

(Enclose the Certificate of recognition u/s 2(f) and 12(B) of the UGC Act)

d. Details of recognition/approval by statutory/ regulatory bodies other than UGC (AICTE, NCTE, MCI, DCI, PCI, RCI etc.)

Under Section/ Clause	Recognition/Approval details Institution/ Department Programme	Day, Month and Year (dd- mm-yyyy	Validity	Remarks
i.	F.No. Western/1-	10/04/2017	One	
			year	
	3323363852/2017/EOA			

8.	Does the affiliating university Act provide for conferment of autonomy (as
	recognized by the UGC), on its affiliated colleges?

Yes	✓	No		
If yes, has the College	applied for	or availing the autono	mous stati	us?
Yes		No	✓	

9. Is the college recognized?	
1. By UGC as a College with Pote	ential for Excellence (CPE)?
Yes If yes, date of recognition: 2. for its performance by any othe	
Yes ✓	No
If yes, Name of the agency Savid	tribai Phule Pune University, Pune for
the Best College Award Rural of	category and date is 10/02/2015.
10. Location of the campus and area in s	sq.mts:
Location *	Rural
Campus area in sq. mts.	40200 m ² (10.05 Acres)
Built up area in sq. mts.	18136.9 m ²
(* Urban, Semi-urban, Rural, Tribal,	Hilly Area, Any others specify)
numbers or other details at appropria agreement with other agencies in usi information on the facilities covered	(Tick the available facility and provide the places) or in case the institute has an anguany of the listed facilities provide under the agreement. with infrastructural facilities
• Playground	
Swimming Pool	
• Gymnasium	
• Hostel	
Boys hostel	
\circ Number of hostels -04	1
 Number of inmates–69 	2
 Facilities: Gymnasium water facility, 24 Hrs E 	n, reading room, TV Room, RO Water, Hot Electricity, wifi facility
• Girls hostel	
○ Number of hostels −03	3 (Shared)
 Number of inmates-52 	25

24 Hrs Electricity and wi-fi facility

o Facilities: Reading room, TV Room, RO Water, Hot water facility,

- Residential facilities for teaching and non-teaching staff (give numbers available—cadrewise)
 - Type A–12Nos., Type B–12Nos., Type C –12Nos.

 \checkmark Cafeteria:

Health Centre:

- First aid, Inpatient, Outpatient, Emergency care facility, Ambulance...
- Qualified Doctors: Available Part Time

Facilities like banking, post office, book shops:

Transport facilities to cater to the needs of students and staff:

Animal house : N. A.

Biological waste disposal : N. A.

Solid waste management facility:

Waste water management:

Water harvesting:

Generator or other facility for management/regulation of electricity and \checkmark voltage:

12. Details of programmes offered by the college (Give data for current academic year) 2016-17

		2010 17					
Sr. No.	Programme Level Nameofthe Programme/ Course		Duration	Entry Qualification	Mediumof instruction	Sanctioned/ approved Student strength	No.ofstudents admitted
01.		Civil Engineering	4 Years	H.S.C. Science (50% Marks in PCM)	English	120	115
02.	ıte	Mechanical Engineering	4 Years	H.S.C. Science (50% Marks in PCM)	English	120	110
03.	Under-Graduate	Computer Engineering	4 Years	H.S.C. Science (50% Marks in PCM)	English	120	112
04.	Under	Electronics & Tele. Engg.	4 Years	H.S.C. Science (50% Marks in PCM)	English	120	104
05.		Information Technology	4 Years	H.S.C. Science (50% Marks in PCM)	English	60	55
06.		Civil . Direct II nd Year II nd Shift	3 Years	Diploma Pass (55% Marks)	English	60	60

07.		Mech . Direct IIndYear IInd Shift	3 Years	Diploma Pass (55% Marks)	English	60	60
08.		Mechanical Engineering	2 Years	B. E. Mech	English	18	10
09.	ate	Civil Engineering	2 Years	B. E. Civil	English	18	11
10.	Post-Graduate	Elect &Tele . Engineering	2 Years	B. E. ETC	English	18	02
11.	Pos	Computer Engineering	2 Years	B. E. Comp	English	18	08
12.		M.B.A.	2 Years	Any Graduation	English	60	60
13.		Civil Engineering	3 Years	M. E. Civil	English	03	03
14.	Ph.D	Mechanical Engineering	3 Years	M.E. Mech	English	04	04
15.		Elect &Telect. Engineering	3 Years	M.E. E &TC/ Elect/ Comp	English	04	

13. Does the college offer self-financed Programmes?

Ye	S	✓			No
If yes, how many?	UC	G-05, P	' G-0	5 & Ph.D0	3

14. New programmes introduced in the college during the last five years if any?

Yes	✓	No		Number	04
-----	----------	----	--	--------	----

- 1) Ph.D. Research Center in Electronics & Telecommunications: 2013
- 2) Ph.D. Research Center in Civil Engineering: 2015
- 3) Ph.D. Research Center in Mechanical Engineering: 2015
- 4) Electrical Engineering (UG): 2017-18

15. List the departments: (respond if applicable only and do not list facilities like Library, Physical Education as departments, unless they are also offering academic degree awarding programmes. Similarly, do not list the departments offering common compulsory subjects for all the programmes like English, regional languages etc.)

Faculty	Departments (eg. Physics, Botany, History etc.)	UG	PG	Research
Science				
Arts				
Commerce				
Engineering	Civil Engineering	✓	✓	✓
	Mechanical Engineering	✓	✓	✓
	Electronics & Tele. Engg.	✓	✓	✓
	Computer Engineering	✓	✓	
	Information Technology	✓		
	MBA		✓	
	Electrical Engineering	√		

16. Number of Programmes offered under (Programme means a degree course like BA, BSc, MA, M.Com...)

a)	annual system	
b)	semester system	10
c)	trimester system	

1	7	•	N	lum	ber	of	Pr	ogi	ran	ımes	Wi	t	1
---	---	---	---	-----	-----	----	----	-----	-----	------	----	---	---

a.	Choice Based Credit System	PG-05
b.	Inter/Multidisciplinary Approach	
c.	Any other (specify and provide details)	UG-05

18. Does	the conege offer UG and/or PG programmes in Teacher Education
	Yes No ✓
If	yes,
a.	Year of Introduction of the programme(s)(dd/mm/yyyy)and
	number of batches that completed the programme
b	NCTE recognition details (if applicable): NA
c.	Is the institution opting for assessment and accreditation of Physical Education Programme separately?
	Yes No ✓
19. Does	the college offer UG or PG programme in Physical Education?
	Yes No ✓
If y	es,
a	. Year of Introduction of the programme(s) (dd/mm/yyyy) and number of batches that completed theprogramme
b	Notification No.:
	Date:(dd/mm/yyyy)
С	Validity:

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

		To	eaching t	facult	y		Non-teaching Technical			ical
Positions	Prof	essor	Assoc Profe		Assis Profe		sta	ıff	staff	
	*M	*F	*M	*F	*M	*F	*M	*F	*M	*F
Sanctioned by the UGC/University/ State Government	28		52		127					
Recruited	11		16	02	130	29				
Yet to recruit	17	7	34							
Sanctioned by the Management/ society or other authorized bodies Recruited							146	12	46	
Yet to recruit										

^{*}M-Male *F-Female

21. Qualification of Teaching Staff

Highest	Pı	ofessor	Associat Professo		Assista Profess		 18 01 146		
Qualification	Male	Female	Male	Female	Male	Female			
Permanent Teachers									
D.Sc./D.Litt.						-			
Ph.D.	10	-	07	01	00	-	18		
M.Phil.	-	-	-	-	-	01	01		
PG	01	-	07	-	120	18	146		
Temporary Tea	Temporary Teachers (Ad-hoc basis)								
Ph.D.			01		01				
M.Phil.									
PG					11	10			
PG Pursuing									
Part Time Teac	chers						•		
Ph.D.									
M.Phil.									
PG									

22. Number of Visiting Faculty /Guest Faculty engaged with the College

Nil

23. Furnish the number of the students admitted to the college during the last four academic years

	Number of students admitted									
Year	SC (13%)	ST (07%)	NT (8%)	OBC (19%)	Open (50%)	Total (100%)				
2012-13	238	45	269	814	959	2377				
2013-14	228	42	261	830	1197	2622				
2014-15	215	43	291	784	1462	2553				
2015-16	304	44	353	1069	1130	2964				
2016-17	261	33	356	1032	1067	2749				

24. Details on students enrollment in the college during the current academic year:(2016-17)

Type of students	UG	PG	M. Phil.	Ph.D.	Total
Students from the same state where the college is located	2961	210	-	07	3178
Students from other states of India	09		-		09
NRI students			-		
Foreign students			-		
Total	2970	210	-	07	3187

				10001		_10		<i>o</i> ,	010,
25. Drop	out ra		3 an	d PG (a	verage of		two batch	es)	
		UG		2%		PG	2%		
26 Unit	Cost	of Educe	tion	(Unit e	net – tota	l annual	rocurring	ovnonditu	ro.
26. Unit Cost of Education (Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled)									
a) Including the salary Component						7939=00			
b) Excluding the salary component			Rs. 20	0004=00					
27. Does the college offer any programme/s in distance education mode (DEP)?									
		Ye	es			N	0 ,		
If	f yes,								
a) Is it a registered center for offering distance education programmes of									
Yes No another University									
b) Name of the University which has granted such registration.									
c) Number of programmes offered									
d) Programmes carry the recognition of the Distance Education Council.									
		Yes				No)		

28. Provide Teacher-student ratio for each of the programme / Course offered

Sr. No	Name of Course	Teacher-Student Ratio		
110		UG	PG	
1	Civil Engineering	1:15	1:12	
2	Mechanical Engineering	1:15	1:12	
3	Computer Engineering	1:15	1:12	
4	Electronics & Telecommunication Engineering	1:15	1:12	
5	Information Technology	1:15		
6	MBA		1:15	

29. Is the college applying for Accreditation:
Cycle 1 Cycle 2 Cycle 3 Cycle 4
Re-Assessment:
(Cycle 1refers to first accreditation and Cycle 2, Cycle 3 and Cycle 4 refers to re- accreditation)
30. Date of accreditation* (applicable for Cycle 2, Cycle 3, Cycle 4 and reassessmentonly)
Cycle 1: N. A.(dd/mm/yyyy) Accreditation Outcome/Result
Cycle 2: N.A. (dd/mm/yyyy) Accreditation Outcome/Result
Cycle 3: N.A (dd/mm/yyyy) Accreditation Outcome/Result
Kindly enclose copy of accreditation certificate(s) and peer team report(s)
as an annexure.
31. Number of working days during the last academic year. (Including vacation) 300
32. Number of teaching days during the last academic year
(Teaching days means days on which lectures were engaged excluding the
examination days)
180

33. Date of establishment of Internal Quality Assurance Cell (IQAC)IQAC: 23/07/2016

34. Details regardi (AQAR) to N	_	sion of Annual Q	uality A	ssurance	Reports
AQAR (dd/mm/yyyy)	` /	N.A			
AQAR (dd/mm/yyyy)	` /	N.A			
AQAR (dd/mm/yyyy)	. ,	N.A			
AOAR	(iv)	ΝA			

- 35. Any other relevant data (not covered above) the college would like to include. (Do not include explanatory/descriptive information)
 - Other institutes run by the society
 - 1. Sanjivani College of Pharmaceutical & Research, Kopargaon
 - 2. Sanjivani Arts Commerce and Science College, Kopargaon
 - 3. Shri Saibaba College of Education (B.Ed.) & Diploma in Teacher Education (D.T.Ed.), Khirdi Ganesh, Kopargaon
 - 4. Sanjivani K.B.P. Polytechnic, Kopargaon
 - 5. Sanjivani Institute of Pharmacy And Research, Kopargaon
 - 6. Sanjivani Jr. College, Kopargaon
 - 7. Sanjivani Sainiki School and Jr. College, Khirdi Ganesh, Kopargaon
 - 8. Sanjivani International School, Kharghar, Navi Mumbai
 - 9. Sanjivani Academy- A CBSE School, Khirdi Ganesh, Kopargaon
 - 10. Sanjivani Toddler- A pre primary School, Yeola
 - 11. Sanjivani Toddler- A pre primary School, Shirdi
 - 12. Eklavya Adivasi Ashramshala, Kopargaon

Self Study Report [SSR]



CRITERION- I CURRICULAR ASPECTS





CRITERION I: CURRICULAR ASPECTS

1.1 Curriculum Planning and Implementation

1.1.1 State the vision, mission and objectives of the institution, and describe how these are communicated to the students, teachers, staff and other stakeholders.

• Vision:

Our vision is to achieve academic excellence and to make world class engineers for socio-economic upliftment of rural India.

• Mission:

Our mission is to make use of Engineering and Technology, the principal instruments of Economic development to improve the quality of life of people through Education, Training and Research.

We are committed to the development of technical human resources towards socio-economic growth of rural India for global competitiveness.

• Objectives:

- To provide students adequate understanding of scientific and engineering fundamentals to become competent engineering graduates.
- o To accelerate industry institute interaction.
- o To provide assistance for placement and entrepreneurship development.
- o To encourage R & D activities.
- o To produce engineering professionals with high moral values.

Vision and Mission of the Institution are communicated to the students, teachers, staff and other stakeholders through the following ways:

Displays are wall mounted at main entrance of the Institute and at all important places in the Departments, Library, Hostels, etc. in college campus.

- Conveyed during various Student/Faculty Orientation/Induction Programs.
- Published regularly in Institute Prospectus, Annual Institute Magazine, Departmental Newsletters.
- Printed on stationery provided to students and other stakeholders by institute.
- Distribution of leaflets stating vision, mission and objectives to parents in parents meet.
- Lectures for awareness are conducted for students and stakeholders on vision, mission and objectives of the Institute.

1.1.2 How does the institution develop and deploy action plans for effective implementation of the curriculum? Give details of the process and substantiate through specific example(s).

Development of Action Plan:

The institute is affiliated to Savitribai Phule Pune University (SPPU), Pune. The Curriculum is framed by SPPU, Pune, and is revised by University after every four years. The yearly academic calendar is designed and published by the Savitribai Phule Pune University (SPPU), Pune.

- Before commencement of each semesteracademic calendar is prepared by the institute and implemented by all Departments. A specimen copy of academic calendar is provided in section 2.3.1.
- Subject allocation to the faculty is done as per area of specialization and their choice by HODs. Subject distribution is planned well in advance for proper academic implementation.
- Theory teaching plans, practical teaching plans, and lab manuals are prepared by faculty for the respective subject allotted before commencement of semester considering academic calendar and time table.
- Faculty maintain course file which contain following information:
 Mission and Vision of Institute and Department, Academic calendar, Individual time table, Syllabus, Teaching plan, Teaching notes, practical write-ups, assignment/tutorial questions, ppt. handouts, and university question papers.

Deployment of Action Plan:

After preparation of course file, as per academic calendar and time table lectures are conducted by respective department.

- Review of syllabus to HOD
- Report of syllabus coverage is submitted to the HOD at the end of every month.
- Monthly class attendance is displayed and conveyed to students as well as parents.
- Continuous assessment of term work is done.
- Academic progresses, grievances, feedback from stakeholders are conveyed to the concerned authority for necessary action.

1.1.3 What type of support (procedural and practical) do the teachers receive (from the University and/or institution) for effectively translating the curriculum and improving teaching practices?

- After every four years syllabus revision is done by the University.
- For the revised syllabus, University/Board of Studies (BOS) organizes workshop on syllabus detailing, teaching methodology for the faculty. The institute deputes faculty to attend these workshops.
- The text and reference books are also prescribed by the University in syllabus.
- The Institute also encourages the faculty to attend faculty development program, industrial training on latest technological and academic development, and to enrich their subject knowledge.

- Internet connectivity is available in the central library for the access of e-journals and e-books and e-learning resources and NPTEL Video Lectures etc.
- Departments have a student chapter of professional societies like IEEE, IETE, SAE, CSI, IEI and ISTE.
- Every department has students association like ETESA, ITERA, ACES, MESA and CESA.
- The University provides funds under various BCUD/QIP schemes such as seminar grant, research project grant, laboratory and office equipment. Institute also supports further by providing seed money to carry out extensive research.
- Faculty is also supported financially to attend conferences, seminars and workshops at national and international level.
- The advanced labs like Networking, Embedded Systems and Robotics and Dr. A.P.J. Kalam research forum are set up in the college. Advanced equipments are procured in respective labs to promote research among the faculty members and also to strengthen the curriculum delivery and to provide consultancy services.
- Institute has a well-established Central Library and each department has a separate department library.
- The faculty uses modern teaching aids such as LCD projectors, online resource etc. to conduct classes more effectively.
- E-learning facilities are provided to all the faculty members of the institute which help them in effective teaching. Internet facility through Wi-Fi is also available in the campus.
- Senior faculty counsel and guide newly joined faculty for effective teaching learning process.
- The institute encourages faculty for up-gradation in their educational/academic qualification.

1.1.4 Specify the initiatives taken up or contribution made by the institution for effective curriculum delivery and transaction on the Curriculum provided by the affiliating University or other statutory agency.

- Institute has adopted the ISO 9001:2008 standards for effective and qualitative transaction of curriculum delivery.
- Content beyond syllabus, self-learning, industrial visits and Extra classes for direct second year admitted students for effective curriculum delivery.
- Remedial classes for slow learners as well as for backlog students.
- Book bank facility for first year students through Central Library.
- Institute is having ample number of subscriptions to e- books, e-journals, to cope up with recent trends and demand of industry.
- Multiple Choice Questions (MCQs) are provided to students for practice of online examination for F.E. and S.E. students.
- NPTEL and Language laboratory resources are provided to staff and students for qualitative learning.

- Theory /practical classes monitored at department level for the completion of the syllabus.
- FDPs are conducted at college level and department level for effective teaching.
- Industrial visits are arranged for students in every semester to get exposure to practical implementation and corporate world.

1.1.5 How does the institution network interact with beneficiaries such as industry, research bodies and the university in effective operationalization of the curriculum?

- Industry Institute Interaction Cell (IIIC) tries to bridge the gap between industry and institute by undertaking expert lectures, industrial visit and industrial training.
- Industry sponsored projects.
- Institute has established super research center under Indian Institute of Technology, Mumbai. Staff members undergo Faculty Development Programs (FDPs) conducted under this scheme.
- Through valuable guidance by eminent personalities during their visit to the campus.
- Senior alumni are visiting for guiding the students. Technical meet like Tech-Horizon are conducted at institute level. Institute has established collaboration with Foreign Universities like University of Lethbridge, Canada, Pozonan University, Poland and Shenker College of Engineering Design, Israel.

For effective operationalization of the curriculum staff members participate in teaching methodology, orientation/seminars/workshops conducted by SPPU, Pune.

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.)

- University appoints faculty as a member of syllabus revision committee / chairman periodically.
- Following faculty members have contributed in the curriculum development at University level.

Dep	Department of E & TC Engineering							
Sr. No.	Name of Faculty	Contributed as						
1	Dr. D.N.Kyatanavar	Member, BOS (Electronics Engineering and Electronics & Telecommunication Engineering) SPPU Pune						
2	Dr.B.S.Agarkar	Member, Senate UoP, Pune, Evaluation of PG Project in PG project exhibition, Expert lecture in						

		"Faculty Orientation Workshop" on BE (E &			
		,			
		Tc/Elex) Revised Syllabus 2012 Course for the			
		subject "Computer Networks".			
3	Prof. S.George	Resource person in FDP for the subject Industrial			
		Management 2012 course			
4	Mr. N.Y.Siddiqui	Member of Syllabus Design for Wireless Network of			
		M.E. Electronics, SPPU Pune			
Department of Mechanical Engineering					
		Member of LIC Committee SPPU, Pune			
1	Dr. A. G. Thakur	Subject Chairman- CAD-CAM at BE mechanical			
		Resource Person in Syllabus Setting.			
		Paper Setter in– SE, TE, BE and ME Mechanical			
2	Prof. S. V. Bhaskar	Member of LIC Committee SPPU, Pune			
		Paper Setter in– TE and ME Mechanical			
Dep	artment of Civil Engi				
		Member of LIC Committee SPPU, Pune			
		Subject Chairman and Resource Person for – M.E			
1	Dr. M.S.Purkar	Geotech			
1	DI. WI.S.I UIKU	Paper Setter in– SE, TE and ME Geotechnical			
		Engineering, Subject Chairman and Resource Person			
		for – SE Civil			
		Member of LIC Committee SPPU, Pune			
		Resource person in syllabus revision SE Civil			
2	Dr.M.V.Jadhav	Subject Chairman and Resource Person for – M.E			
		Environmental Engineering			
		Member Syllabus Design SE, TE, BE			
		Member of LIC Committee SPPU, Pune			
		Subject Chairman – B.E Elective II (Matrix methods			
3	Dr.A.S.Sayyad	of structural Analysis)			
		Subject Chairman – M.E Theory of plasticity.			
		Syllabus Detailing-B.E 2012 Course			
		Member of LIC Committee SPPU, Pune			
4	Dr. S. V. Patankar	Member of Syllabus Design Building Materials and			
		Construction			
		Member of LIC Committee SPPU, Pune			
		Subject Chairman - Building Materials and			
		Construction at SE Civil- 2008 course			
5	Dr. C. L. Jejurkar	Subject Chairman- Building Technology and			
		Materials at SE Civil- 2012 course			
		Resource Person in Syllabus Revision for SE Civil			
		Member Syllabus Design SE, TE, BE			
Dep	artment of Computer	· ·			
	Dr. D. B.	Member of LIC Committee SPPU, Pune			
01	Kshirsagar	Subject Chairman-Digital Signal Processing (DSP),			

	Subject Chairman-Digital Signal Processing and				
	Application(DSPA)				
	Subject Chairman- Neural Networks				
	Subject Chairman-Advanced Computer Architecture				
artment of IT Engine	ering				
	Member of LIC Committee SPPU, Pune				
Prof A A Barbind	Subject Chairman-Paper Setter of Web Engineering				
1 101.71.71.Daroma	and Technology TE IT				
	Subject Chairman- Computer organisation SE IT				
	Subject Chairman DSF-2008 Course,DAA-2012 TE				
	IT				
Dr. M.A. Jawale	Paper Setter TOC-2012 TEIT				
	Subject Chairman cloud computing-2008 Course BE				
	COMP, Member of Syllabus Design DSF-2015 SE				
	IT				
Prof.M.B.Gawali	Member of Syllabus Design Mobile computing BEIT				
Drof D. D. Nilsom	Member of discussion about conduction of SL-I				
Prof.R.R.Nikam	2012 TE IT 2012 Course				
artment of MBA					
Dr. D. M. Landha	Member of LIC Committee SPPU, Pune				
DI. B. W. Londie	Resource Person in Syllabus Setting				
	Member of LIC Committee SPPU, Pune				
Dr. V. R. Malkar	Subject Chairman- Industrial Marketing				
	Subject Chairman- Supply Chain Management				
	Resource Person in Syllabus Setting				
	Prof.A.A.Barbind Dr. M.A. Jawale Prof.M.B.Gawali Prof.R.R.Nikam artment of MBA Dr. B. M. Londhe				

Specific Suggestions implemented from Feedback of stakeholders

Stakeholders	Suggestions Implemented
Student	Internal assessment of curriculum adequately conducted needs more weightage.Practical orientation of course shouldinclude industrial requirements, such as Industrial visit, Institute industry interaction. For selection of electives more précised and informative counseling needed as per career planning.
Parent	Communication skill development programs added, Timely competitive exam guidance.
Employer	A flexible manufacturing system lab includes - CNC Machine, CMM Machine - Co-ordinate measuring machine, industrial robotic arm, to build competitive abilities, in-plant training, software training to students.
Teacher	Value added courses and FDP as per the industry demand. Internet facility, books and journals in accordance with University syllabus.
Alumni	Industry requires other skills for career: skill based courses, personality development and soft skill training.

1.1.7 Does the institution develop curriculum for any of the courses offered (other than those under the purview of the affiliating university) by it? If "yes", give details on the process (Needs Assessment, design, development and planning) and the courses for which the curriculum has been developed.

Yes:

- Courses are offered in collaboration with professional agencies/ consultancies to cater to the needs of industry with the objective of enhancement of knowledge and placement of the students.
- Courses designed in-house to meet specific objectives.
- Communication skills curriculum developed with the help of college faculty and delivered by experts from respective field.
- Institute offers add-on courses to students for bridging the gap between curriculum and industry requirement.
- Short term courses and workshop organized and conducted by faculty members at respective departments based on latest technology.

1.1.8 How does institution analyze/ensure that the stated objectives of curriculum are achieved in the Course of implementation?

Heads of Objectives	Analysis component
To provide students adequate	Through recent teaching aids, extra lectures,
understanding of scientific and	remedial classes, academic monitoring, value –
engineering fundamentals to	additions, result analysis and remedial measures.
become competent engineering	
graduates	
To accelerate industry - institute	Industrial visit, sponsored projects, social
interaction.	activities, seminars, workshops, mock test etc.
To produce engineering	Industry institute interaction cell and Expert
professionals with high moral	lectures by eminent alumni.
values.	
To provide assistance for	Training: GD/ PI, mock test, pre placement and
placement & entrepreneurship	EDP workshop, aptitude test.
development	Awareness: Previous statistics of placement
	through presentation, display of major recruiters
	list, pre placement sessions.
To provide and encourage R & D	Research & development cell, BCUD research
activities.	proposals, DST Research Proposals, Sponsored
	Projects and Consultancy

1.2 Academic Flexibility

1.2.1 Specifying the goals and objectives give details of the certificate/diploma/ skill development courses etc., offered by the institution.

Goals and Objectives

- To attain the concurrent demand of recent and skill based knowledge of students.
- To develop center of excellence in various streams of engineering.
- To ensure maximum placements.
- To bridge the gap between industry and academia.
- To train the students for analysis and programming.
- To cope up the students with latest technological knowhow.
- Apart from the program affiliated to SPPU, institute offers certification courses which basically serve the purpose of value addition. These courses enhance the employability skills of the students.

Sr. No.	Title	Needs and Assessment	Resources Institute/Person
1.	SAE Organizing the One day workshop on FEA (ANSYS)	For Higher Studies and Soft skills	Mr. Dhawal Dhakkar,Access Cadd Centre, Nashik
2.	Certificate Course in Finite Element Analysis	Enhance the Knowledge	Extreme Group
3.	IGTR certified CATIA & ANSYS course for SE & TE students.	For enhancing industry skills	Mr. Prashant Ghatage Mr. Devendra Kumar IGTR,Aurangabad
4.	STAAD-PRO	For enhancing Design skills	Mr. Patel Kishor Mr. Rakesh Gujare Dr. A.S.Sayyad Prof.S.M.Ghumare
5.	Concrete Mix Design and Durability Aspects	For enhancing industry skills	Dr. S. V. Patankar Prof. S.R.Nawale Prof. R. S. Rajguru
6.	Workshop on IOT	For enhancing industry skills	Mr. Hitesh Panjwani, Hi-Tron Componets, Pune
7.	Two week course of Core Java for BE IT Students.	For enhancing Programming skills	Seed Infotech , Nashik
8.	Two Days workshop on Cloud Computing for BE IT Students	For enhancing Software skills	Mr.Tapan Palei Technophilia, Mumbai
9.	One Day workshop on LaTex for BE IT Students	For Higher Studies and Soft skills	Prof. D.P. Bhamare Prof. S.A. Abhang

1.2.2 Does the institution offer programmes that facilitate twinning /dual degree? If "yes", give details.

NO.

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:

- Elective options offered by the University and those opted by the college.
- Project/seminar selection done as per area of interest of the students.
- University curriculum has a provision of 2 electives in the 7th Semester and 2 electives in the 8th Semester wherein one is open elective which can be interdisciplinary for the undergraduate students.
- Choice Based Credit System and range of subject options for UG and PG
- Content beyond syllabus topics

The academic flexibility that exists at the Institute and offered by the SPPU in the following form:

- Institute offers electives as per the University curriculum for all final year students. Students can select the elective of their choice. As per the university syllabus two electives per semester are to be opted by the students. One of the elective of final semester can be an open elective from other disciplines.
- Institute has flexibility in choosing the experiments from the assigned list of experiments provided by the University. In addition to this, apart from syllabus additional experiments are conducted to enrich the practical knowledge of students.
- Content beyond syllabus topics

Choice Based Credit System (CBCS) and range of subject options.

CBCS is applicable for UG, PG Engineering courses and MBA. The range of subject options for P.G., are provided by offering electives in first and second semester.

- Courses offered in modular form.: Not Applicable (N.A.)
- Credit transfer and accumulation facility: N. A.
- Lateral and vertical mobility within and across Programmes and Courses.

Lateral entry for direct second year and branch change facility from first year to second year is availed by the students as per the DTE and University guidelines.

Summary of direct second year admitted students (lateral entry)

Sr. No.	Academic Year	Total Number of Students
1	2016-17	319
2	2015-16	352
2	2014-15	322
3	2013-14	222
4	2012-13	251

Summary of students who availed change of branch facility:

Sr.	Course	2016-17		2015-16		2014-15		2013-14	
No.		To	From	To	From	To	From	To	From
1.	Civil	12	03	15	02	21	00	16	01
	Engineering								
2.	Mechanical	08	02	20	01	05	00	10	00
	Engineering								
3.	Computer	08	02	08	02	02	07	09	07
	Engineering								
4.	E & TC	00	14	00	24	03	13	04	14
	Engineering								
5.	Information	00	05	00	02	00	14	00	13
	Technology								

1.2.4 Does the institution offer self-financed programmes? If "yes", list them and indicate how they differ from other programmes, with reference to admission, curriculum, fee structure, teacher qualification, salary etc.

Yes-All programmes are self-financed.

Admission-For the entire programme is regulated by Directorate of Technical Education (DTE) Government of Maharashtra.

Curriculum -Is prescribed by Savitribai Phule Pune University (SPPU), Pune.

Fees Structure-Is governed by —Shikshan Shulk Samiti (SSS), Government of Maharashtra.

Teacher Qualification and Salary-is decided and monitored as per the rules and regulations of All India Council of Technical Education (AICTE), New Delhi.

1.2.5 Does the college provide additional skill oriented programmes, relevant to regional and global employment markets? If, yes; provide details of such programme and the beneficiaries.

Yes:

With the help of departmental students association and professional bodies skill development programmes are being conducted. The institute provides additional skill oriented programmes, which are relevant to regional and global employment markets. Details of such programmes and its beneficiaries are as follows.

Sr.	Topic	Beneficiary	Date
No.	_	Department	
1	Ferro Cement Technology	Civil	15/02/2017
2	CNC Training for T. E. (Mech.)	Mechanical	09/02/2016
	student.		to 16/02/2016
3	CATIA SOFTWARE	Mechanical	05/06/2015
			to 18/06/2015
4	Two week course of Core Java for BE	IT	20/08/2015
	IT Students.		to 22/09/2016
5	Workshop on JAVA	E & TC	19/01/2016
			to 29/01/2016
6	Workshop on C+ +	E & TC	08/02/2016
			to 09/03/2016
7	How to prepare aptitude and interview	IT	26/09/2015
	for campus Recruitment for BE IT		
	Students		

1.2.6 Does the University provide for the flexibility of combining the conventional face-to-face and Distance Mode of Education for students to choose the courses/combination of their choice" If yes, how does the institution take advantage of such provision for the benefit of students?

N. A.

1.3 Curriculum Enrichment

1.3.1 Describe the efforts made by the institution to supplement the University's Curriculum to ensure that the academic programmes and Institutions goals and objectives are integrated?

Integration of Institute goals and objectives with University curriculum

- Conduction of value add on courses
- Professional trainings like soft skills and technology certification courses are regularly conducted.
- Conduction of workshops and seminars
- Conduction of topics beyond syllabus in theory
- Conduction of topics beyond syllabus in Practicals
- Conduction of expert lectures by thought leaders
- Conduction of symposium (Techfest) for students
- Conduction of soft skill training programs

1.3.2 What are the efforts made by the institution to enrich and organize the curriculum to enhance the experiences of the students so as to cope with the needs of the dynamic employment market?

- Project seminars, project exhibition, technical fest and HR-Meet is being conducted.
- Bridging the gap, beyond syllabus, self-learning.
- Industrial visits
- Industry sponsored projects.
- Students association in every department supplements the University curriculum by inculcating the leadership and managerial skill in students.
- The alumni working in Government/Private Sectors on higher positions are regularly invited for Guest Lectures.
- One Day/ Two Days workshops for students are arranged on the topics having relevance of industry.
- Faculty members are motivated to cover certain content beyond syllabus to get deep insight of subject.
- Soft Skill and Personality development courses are arranged by the institute for students.

1.3.3 Enumerate the efforts made by the institution to integrate the cross cutting issues such as Gender, Climate Change, Environmental Education, Human Rights, ICT etc., into the curriculum?

Institute has started Women's Empowerment Cell, Career Counseling Cell, Blood Donation Camp and social activities like visit to Snehalaya and collecting and distributing the clothes for the needy people.

Gender

Sr. No.	Type of activity	Duration	Details of activity	Participants (students & faculty)
1.	Hemoglobin Checking for Girls	2013-14	Hemoglobin Checking exclusively for girls	178 students
	Guest lecture series as a health education module exclusively for		Balancing Study or Career and Personal Responsibilities 24/12/2014	165 students
2.	girls under Vidyarthini Arogya Prabodhan Program sponsored by SPPU, Pune	2014-15	Psychological Health Impulsive Behavior and its consequences 26/12/2014	108 students
			Personal and Community Hygiene 29/12/2014	113 students

			Cornel Harrager	1
			Sexual Harassment	121 students
			Recognition and Reaction 02/01/2015	121 Students
			An essay and Poster competition was	
			organized on 7thof	
			March 2015 on the	
			occasion of International	
2	Poster Competition and	2014 - 15	Woman's Day.	10 students,
3.	Essay Competition	2014 - 15	On topics	5 faculty
			• Role of woman in	-
			developmentWoman	
			Empowerment	
			A workshop was organised on 4 th	
			- 6	
	One day workshop on		February 2016, exclusively for Girls	150 Girl
4.	'Cyber Secured Digital	2015-16	Students. Very useful	students,
٦.	India for Women's	2015-10	and motivating	13 Lady
	Safety'		information is shared	Faculty
			among the Girl students	
			by the experts.	
5.	Hemoglobin Checking	2015-16	Hemoglobin Checking	602 students
J.	for Girls	2015 10	exclusively for girls	002 stadents
			Depression 11/01/2016	93 students
			_	
			Stress Management with	88 students
	Guest lecture series as a health education module exclusively for girls under Vidyarthini Arogya Prabodhan Program sponsored by		Respect to Examination	
			and or Campus stay	
			12/01/2016	
6		2015 17	Gender Sensitization	85 students,
6.		2015-16	with Introduction to	2 Faculty
			Laws and Regulations	
	SPPU, Pune		Regarding Women	
	or rotte		22/01/2016	
			Self Defence- Sexual	46 students,
			Harassment recognition	2 Faculty
			and reaction 23/01/2016	
		2016-17	NSS has organized	Total 68
			different activities during	students and
	Swachha Bharat		the period 13 August 2016	6 faculties
7			to 15 August 2016, to mark the occassion of	
	Abhiyan Pakhwada		"Swachha and Swastha	
			Bharat Abhiyan"	
			pakhwada.	
1	1	1	1 4	

1.3.4 What are the various value-added courses/enrichment programmes offered to ensure holistic development of students?

Env	Environmental Education							
Sr. No.	Type of activity	Duration	Details of activity	Participant (students & faculty)				
1.	Tree Plantation: National Service Scheme (NSS)	2012-13	Tree plantation Program organized under the heading "My Earth-My Duty", on Saturday, 8 th Sept. 2012 at 2.30 pm. Total 150 plants were planted at Village Kumbhari.	75 students and 5 Faculty				
2.	Poster Competition	2012-13	A poster competition was organized on 18 th Dec, 2012; the topic was "Save water for Future/ Water Conservation /Effective Use of Tap water". The presentation of these posters was arranged so that the message can be spread about water conservation.	20 students				
3.	Tree Plantation:	2013-14	Tree plantation Program organized under the heading "My Earth -My Duty", on Saturday, 15 th August 2013 at 10 am. Total 120 plants were planted at Sanjivani Academy school campus, At Post Khirdi ganesh Ta: Kopargaon, Dist: Ahmednagar.	85 students and 5 Faculty				
4.	Tree Plantation:	2014 - 15	Tree plantation Program phase I organized under the heading "My Earth -My Duty", on Saturday, 9 th August 2014from 10 am to 1 pm. Total 120 plants were planted at Yesgaon lake area. Ta:Kopargaon, Dist: Ahemadnagar.	50 students and 2 Faculty				
			This is followed by a II phase of Tree plantation program on 15 th of August 2014 at 10.30 am to 1 pm, 205 Bamboo trees were planted. Total 325 bamboo trees were planted at Yesgaon lake.	60 students and 5 Faculty				
Hu	man Rights							
1.	One day workshop on Awareness of Important Laws	2014 - 15	One day workshop on "Awareness of Important Laws" related to students such as Anti ragging, Cyber law, Right to education, Juvenile justice act etc. was arranged on Saturday, 23 rd , August 2014 at 10.10 am. Four advocates with a district Judge from Kopargaon have delivered the useful information about the different laws.	130 students				

Sr. No.	Type of activity	Duration	Details of activity	Participants (students & faculty)
Mo	ral and ethical	Value		
01.	An expert Lecturer on Personality development:	2011-12	A lecture on personality development was organized on Wednesday 19 Jan. 2012 for the first year students of all the branches of Engineering which was conducted by Mr. Sonowane from Pune	152 students
02.	Workshop on stress management	3 rd Feb, 2012	A workshop on stress management was organized on 3 rd Feb, 2012. It was conducted by Mr. Ganesh Shinde, Director of Innovation Training and development centre Pune.	200 students
03.	NSS week Celebration	2011-12 (1 st to 8 th Feb. 2012)	We have celebrated NSS Cleanliness week During this, we created awareness towards cleanliness. We have conducted 1. Best Group of College Competition, 2. Best Class of each department competition 3. Best room of each Hostel competition Inspection committee of staff had selected the above categories based on the defined cleanliness, social, and personal criteria.	152 students
04.	Youth week	2012-13	On the occasion of 150 th Birth Anniversary of Swami Vivekananda, 12 Jan. to 18 Jan. 2013 Youth week was celebrated, which consists of following competitions. Essay competition on 12 th Jan2012: Following topics are given for essay writing, Effect of media on youth, Changing mentality of youth, and Role of youth in nation building. Jago Re: This was a video cum PPT session to spread awareness among students about Plastic waste, Electronic Waste, Different types of pollutions, Extensive use of fuels, water & electricity, etc. the small mistakes which will demand large penalties in near future. It was conducted on 15 th of January Poster Competition: Topic for preparing poster was "Woman Guest lecture: A lecture on "Youth Power" was arranged on 16 th of Jan.2013. It was delivered by Mr. Sachin Pawar from Pune.	50 students
05.	Essay competition	2013-14	An essay competition was organised on 25 th Sep, 2013 on the topic 'Gandhiji's concept of Swadeshi'.	52 students
06.	A Guest lecture on Art of	2014 - 15	Guest lecture on 'Art of Living' was arranged on Friday 5th September 2014 for	152 students

	Living			
			Rural Education Society. It was delivered by Mr. Abhijit Patil, from Ahmednagar.	
	One week		one week personality development program	135 students
07	personality	2014 15	was organized under the heading	and 02
07.	development	2014 - 15	'Happiness Program' with the help of Art of Living volunteers from 10 th to 15 th	Faculty
	program		September 2014.	racuity
08.	Essay competition	2014 - 15	An essay competition was organized on 17 th of September under the banner of Red Ribbon Club on the topics such as Donate blood: Donate life, Open your eyes before AIDS close them and Nutrition: It can save your life.	150 students
	Swachha		Swachha Bharat Abhiyan is carried out on 2 nd October 2014.We have cleaned total five	500 students
09.	Bharat Abhiyan	2014 - 15	major roads which meet at centre point of Kopargaon near Bus stand. This is followed by celebration of Mahatma Gandhi Jayanti.	500 students
10.	Cloth collection and distribution programs	2014 - 15	Cloths collection and distribution program is carried out in college of Engineering on 22 to 24 January 2014. Staff distributed those cloths to the needy people in adopted village.	35 students, 10 Faculty
11.	Total Cleanliness Drive	2014 - 15	A cleanliness program is carried out in College of Engineering campus by NSS volunteers on Tuesday 27 th January 2015. All the grounds and all the service roads are cleaned by NSS students.	50 students, 6 Faculty
12.	International Yoga Day celebration	2015 -16	An International Yoga day is celebrated in open auditorium on 21 st of June 2015 from morning 7.45 am to 9 am.	200 students, 50 faculty
13.	Survey of school dropped children	2015 -16	The survey of school dropped children is carried out from 20th of January to 30th of January in the Shinganapur village which is nearby college.	30 students
14.	Young Union student group	2015-16	Visited ADIWASI EKLAWYA AASHRAM School, Takali, Kopargaon on 15 th February 2015.	50 students, 4 Faculty
15.	Celebration of Mother's Day	2015-16	Program was organized for Placed Students in various companies through Campus Interview. Parents visited the Campus and shared their happiness.	85 Students, 200 Parents
Em	ployable Life S	Skills		
01.	An expert Lecturer on "Wonders of Attitude"	2012-13	An expertLecture on "Wonders of Attitude" was organized on Sunday 2 nd Sept. 2012, for the students of Engineering. It was delivered by Swami Bramha Viharidas.	145 students
02.	Video Lectures	2013-14	An expertlecture on "How to change our way of life to get success" was organized on Monday 23 rd Sep, 2013, for the Engineering students. It was delivered by Mr. Sandip	160 students

			Maheshwari.				
03.	Essay competition	2013-14	An essay competition was organised on 25 th Sep, 2013 on the topic 'Gandhiji's concept of Swadeshi'.	85 students			
Community Oriented							
01.	One day camp	2011-12	A one day camp on 22 nd January, 2012 was arranged. This was conducted at Jeur Kumbhari, Ta. Kopargaon which is 12 km away from college campus. Interaction of the students with the villagers to understand their problems. The volunteers have given the message of cleanliness through actually sweeping the all the majors roads of this village at the same time they have presented different street plays to create the awareness among the people	30 students, 05 Faculty			
02.	Blood donation camp:	2011-12 (March 2012)	A blood donation Camp was organised by NSS and the students have donated the blood for the society on the occasion of Birth day celebration of Hon'ble Shri. Shankarraoji Kolhe Saheb	185 students			
03.	Winter special camp	2011-12 (8 th to 14 th Dec, 2011)	A winter camp was conducted at Karanji, Ta. Kopargaon, Dist Ahmednagar. Different activities conducted during this camp are Blood group check up, HB check up, Preparing Adhar card, History writing, Health Rally, cleanliness of village, leveling of road, Tree plantation, Street plays etc.	50 students and 05 Faculty			
04.	Winter special camp	2013-14 (1 ^{s t} to 7 th Dec, 2013)	A winter camp was conducted at Sonewadi Ta. Kopargaon, Dist Ahmednagar. Different activities conducted during this camp are surveying, cleanliness, health care, and tree plantation.	30 students and 07 Faculty			
05.	Blood donation camp	2014 - 15	Blood donation camp was organized in college campus for three days as on Thursday, 18 th , 24 th and 25 th of March 2015 from 8.00 am to 12.00 pm.	297 students and faculty			
06.	Winter special camp	2014-15 (1 st to 7 th Dec, 2014)	A winter camp was conducted at Kokamthan Ta. Kopargaon, Dist Ahmednagar. Different activities conducted during this camp are Surveying, cleanliness, health care, and tree plantation.	30 students and 08 Faculty			
07.	Blood donation program	2015 -16	A Mega Blood donation program was conducted by the students of Sanjivani group for the society on Wednesday 23 rd to 25 th of March 2016	350 students and 20 Faculty			

1.3.5 Citing a few examples enumerate on the extent of use of the feedback from stakeholders in enriching the curriculum?

Institute takes feedback from stakeholders and considers it in enriching the curriculum. As per industry requirement workshops, seminars are conducted for students to bridge the gap between curriculum and industry.

For example:

The active participation of stakeholders is considered as a part of improvement in the curriculum through their valuable feedbacks. Feedbacks from stakeholders like alumni, employers and parents are analyzed which plays a key role in enriching the curriculum to come up with corrective measures which helps to fulfill the needs of technological up gradation. The feedback responses of these stakeholders are presented in front of the head of the department for taking necessary decisions in regards to enriching the curriculum as follows:

- 1. Alumni feedbacks evaluate the improvements in various aspects like skill enhancements, aptitude building, employability skill upgradation, software literacy, etc. Soft skill development programs are organized through alumni guest lectures. Alumni feedbacks are collected during every alumni meet.
- 2. Employers feedback visualizes the field and market demands on the need of communication skills, leadership and managerial qualities, knowledge on emerging technologies and advanced innovative practices. Employability skills are introduced as one of the subject in the curriculum by the university on the feedback from the industry. Employer survey feedbacks are taken from recruiters.
- 3. Parents feedback helps in organizing trainings related to placement and market needs. It also clarifies the need for technocrats to approach for government services like MPSC and UPSC. This helps to improve the coordination between the students and parents with the college curriculum which assists in their overall personality development through efficient career planning. Mentorship scheme helps to create a continuous interaction with parents. Parent feedbacks are collected during every parent meet.

1.3.6 How does the institution monitor and evaluate the quality of its enrichment programmes?

Enrichment	Nature of programme	Evaluating authority	
programme			
III Cell	Internship	Company Representative	
Competetive Exam Guidance	Written	Concern Body	

1.4 Feedback System

1.4.1 What are the contributions of the institution in the design and development of the curriculum prepared by the University?

Experienced teachers from the institute contribute to update syllabus to incorporate the requirement of stakeholders. Faculties contributed in the design and revision of syllabus is as below:

Sr. No.	Name of Facility Contributed as				
Depa	rtment of E&TC				
1	Dr. D.N.Kyatanavar	Member,BOS (Electronics Engg. & Electronics & Telecommunication Engg.) SPPU Pune			
2	Dr.B.S.Agarkar	Worked as a member and subject coordinator under Revised Syllabus 2012 Course for the subject "Computer Networks".			
3	Prof. S.George	Resource person in FDP for the subject Industrial Management 2012 Pattern			
4	Prof.N.Y.Siddiqui	Worked as a Member of Syllabus framing Design for Wireless Network of M.E. Electronics, SPPU Pune			
Depa	rtment of CIVIL				
1	Dr. M. S. Purkar	Subject coordinator – M.E Geotech Resource Person (SE Civil Syllabus Setting-2013)			
2	Dr.M.V.Jadhav	Subject coordinator – M.E Env. Resource Person (SE Civil Syllabus Setting-2013)			
3	Dr.A.S.Sayyad	Subject coordinator –Elective II (Matrix methods of structural Analysis). Subject coordinator – M.E Theory of plasticity. Syllabus Detailing-B.E 2012			
4	Dr.C.L.Jejurkar	Subject coordinator - SE Civil BC Subject (2008 course) Subject coordinator - SE Civil BTM Subject Worked as a Resource Person (SE Civil Syllabus Setting-2013)			
Depa	rtment of Compute	r			
1	Dr. D. B. Kshirsagar	subject coordinator Digital Signal Processing (DSP) subject coordinator Digital Signal Processing and Application(DSPA) Subject coordinator Digital Electronics and Logic Design			

		(DELD)				
		Subject coordinator Neural Networks				
		Subject coordinator Advanced Computer Architecture				
Depa	rtment of IT					
		Subject coordinator, Paper Setter of Web Engineering and				
1	Prof.A.A.Barbind	Technology TE IT				
		Computer organisation SE IT				
		Subject coordinator DSF-2008,DAA-2012 TE IT				
2	Dr.M.A.Jawale	Subject coordinator cloud computing-2008 BE COMP				
2		Member of Syllabus Design DSF-2015 SE IT				
4	Prof.M.B.Gawali	Member of Syllabus Design Mobile computing BEIT				
5	Prof.R.R.Nikam	Member of discussion about conduction of SL-I 2012 TE				
3	P101.K.K.INIKalli	IT COURSE				
Depa	rtment of MBA					
1	Dr. B. M. Londhe	Member of Syllabus setting in the subject of HR				
		Subject Chairman- Industrial Marketing				
2	Dr. V. R. Malkar	Subject Chairman- Supply Chain Management				
		Member of Syllabus Setting in the subject of Marketing				

1.4.2 Is there a formal mechanism to obtain feedback from students and stakeholders on Curriculum? If "yes", how is it communicated to the University and made use internally for curriculum enrichment and introducing changes/new programmes?

Yes:

- The Institute has a well-established mechanism to obtain feedback of Thory/ Practical classes from students. Also, feedback of alumnus and parents is obtained during parents meets / Alumni meets.
- The feedback of students is analyzed and conveyed to the faculty members for improvements and faculties having excellent feedback are is the constructive feedback of parents and alumnus which are helpful for curriculum improvement are implemented.
- The feedback of parents and alumnus regarding creation of additional facilities in infrastructure /laboratories/career guidance and planning are also implemented.
- To comply the parents and alumnus feedback additional Workshop, Seminars, Courses on Softwares, GATE Exams, Soft Skills Courses, Expert Lectures by alumni on higher positions and Expert Lectures by thought leaders are arranged throughout academic year.

1.4.3 How many new programmes/courses were introduced by the institution during the last four years? What was the rationale for introducing new courses/programmes?) Any other relevant information regarding curricular aspects which the college would like to include.

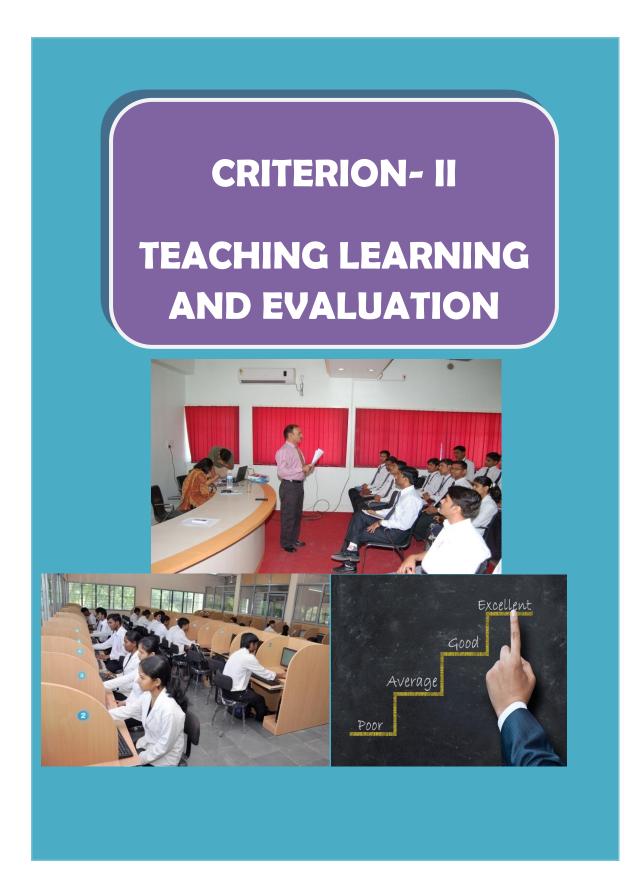
Following programmes and courses are introduced by the Institute.

Sr. No.	Academic Year	Name of the Programme	Sanctioned Intake
1.	2013-14	Ph.D. E&TC Engineering	
2.	2015-16	Ph.D. Civil	
3.	2015-16	Ph.D. Mechanical	
4.	2016-17	Electrical Engineering	60

Rationale behind introducing these courses:

- Institute has set a standard benchmark of academic excellence at U.G. and P.G. level. Since last 30 years and all programs are accredited by NBA.
- To provide assistance to nearby private and Government technical/construction industries in the form of consultancy services and live problems of nearby areas.
- To meet the contemporary requirements of corporates at global level.
- To create self-disciplined, motivated research scholars.
- To create research environment in the institute by enhancing R & D activities.
- To fetch research grants from agencies like BCUD, DST, ISRO, AICTE etc.

Self Study	Report	[SSR]
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Self Study	Report	[SSR]
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CRITERION II:

TEACHING LEARNING AND EVALUATION

2.1 Student Enrollment and Profile

2.1.1 How Does the College ensure publicity and transparency in the admission process?

Publicity

The admission process of students is conducted and monitored by the Directorate of Technical Education (DTE), Government of Maharashtra. The DTE publishes brochure involving details regarding engineering disciplines (Courses) offered by our college and intake capacity. And all the required information is made available during the admission process on the DTE website www.dte.org.

Transparency

Institute ensures transparency in admission process, guidelines regarding reservations policy in the admission and strictly adheres to the rules and regulations formulated by the Government of Maharashtra and SPPU, Pune. The merit lists for various programs, are displayed on the DTE website. Institute takes efforts to reach up to the students and also to make admission process a transparent one.

Publicity and Transparency is made through

- College prospectus, institute website <u>www.sanjivanicoe.org.in</u>
- Advertisement in local as well as National daily newspapers and in electronic media.
- Hoardings and information brochure.
- Students' counseling.

2.1.2 Explain in detail the criteria adopted and process of admission (Ex. (i) merit (ii) common admission test conducted by state agencies and national agencies (iii) combination of merit and entrance test or merit, entrance test and interview (iv) any other) to various programs of the Institution.

The Institute follows admission rules and regulations of centralized admission process (CAP) conducted by DTE. The allotment of the seats is carried out on the basis of the order of preference given by the applicants and their position in the merit list,

considering the reservation policy. The criteria for the selection of students for admission in different levels of courses are given in table below:

Sr.No	Course	Criteria for UG, PG and Ph.D admission
1.	F.E.	HSC / Diploma in engineering / B.Sc. Degree at least 50% marks (at least 45% in case of Backward class categories and person with Disability) AND Obtained score in MHT-CET (For J&K migrant JEE main I)
2.	Direct S.E.	Merit list on the basis of final year diploma marks
3.	M.E.	General merit list / GATE centralized admission process conducted by DTE
4.	Ph.D.	GATE / Ph.D. entrance examination / Exempted faculty from entrance examination as per rules and followed by interview organized by Institute
5.	M.B.A.	50% marks in Graduation (45% in Case reserved category) and shold appeared CET condicted by DTE, Maharashtra of CMAT, ATMA, XAT, CAT

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.

The marks during admission (MHT-CET/JEE & 12th standard marks) at entry level are compared with other colleges in table given below for academic year 2015-16

Course (Engineering)	SRES'		SCOE A.V.C		PREC	
Course (Engineering)	Max	Min	Max	Min	Max	Min
Electronics & Telec. Engg	73.67	42.99	82.00	45.33	74.67	44.67
Computer Engg	79.33	57.33	86.00	45.00	83.33	45.67
Mechanical Engg.	88.83	72.83	89.67	45.33	84.30	45.00
Civil Engg.	81.33	65.31	88.00	46.67	89.67	44.67
IT Engg.	72.33	50.64	71.33	44.67	73.33	44.67

 $\textbf{SRES'SCOE} = S.R.E.S \ Sanjivani \ College \ of \ Engineering, \ Kopargaon$

AVCOE = Amrutvahini College of Engineering, Sangamner

PREC = Pravara Rural Engineering College, Loni, Tal- Rahata

2.1.4 Is there a mechanism in the institution to review the admission process and student profiles annually? If 'yes' what is the outcome of such an effort and how has it contributed to the improvement of the process?

A. Review of admission process

• Institute follows rules, regulations and guidelines set up by the government as the engineering admission process in the state is governed by DTE.

B. Review of student profile

- Institute analyses student profile on the basis of their CET, JEE and PCM scores.
- Profile of student is created as database in ERP software and is maintained in the
 department and efforts are taken for continuous monitoring of the performance of
 every student. In this students can see their attendance. Marks in test and
 attendance are sent to Parents through ERP and Mobiles by Mentors allotted to
 students.

Outcome

- This has been reflected in improvements in results of first year and direct second year students. It also helped in understanding the potential of the students (Through Mentoring scheme).
- Sharing of student related (academic and extracurricular activities) data with parents.

2.1.5 Reflecting on the strategies adopted to increase/improve access for following categories of students, enumerate on how the admission policy of the institution and its student profiles demonstrate/reflect the National commitment to diversity and inclusion.

* SC/ST *Differently abled

* OBC * Economically weaker sections

* Women *Minority community *Any other

Institute follows the reservation policy framed by the DTE in accordance with state and central government policies on the reservations.

A separate merit list is prepared category wise i.e. SC, ST, OBC, NT, VJ, women, differently abled, J&K quota. All the students of category and Minority receive scholarships as per rules. Eligible candidates belonging to OPEN category also receive EBC scholarship.

	Number of students admitted						
Year	SC (13%)	ST (07%)	NT (8%)	OBC (19%)	Open (50%)	Total (100%)	
2012-13	238	45	269	814	959	2377	
2013-14	228	42	261	830	1197	2622	
2014-15	215	43	291	784	1462	2553	
2015-16	304	44	353	1069	1130	2964	
2016-17	261	33	356	1032	1067	2749	

- Son/Daughter of defense service personnel (5% of total sanctioned intake): nil
- Persons with disability candidate (3% of total sanctioned intake):

AY 2013-2014:02.

AY 2014-2015:01.

The proportion of boys and girl students admitted during last four years is tabulated below.

Year	No. of Boys	No. of Girls
2012-13	1565	812
2013-14	1471	877
2014-15	1701	993
2015-16	1869	1095
2016-17	1707	1042

A reservation under J & K quota is also provided as per the DTE and state government policy. Under this quota total 14 **students** took admission during the last four years.

The institute is having "Earn and Learn Scheme" for the students from economically weaker sections.

- The institute admits students under TFWS (Tuition Fee Waiver Scheme) of DTE. During the last four years total **105 students** took the benefit of this scheme.
- Ramps and lift is provided to assist the physically challenged students.

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.

Table below shows various programs offered by the Institute and growth in intake of various programmes:

Sr. No.	Programme	Year	Number of Applications	Number of Students Admitted	Demand Ratio
			Y	X	X/Y
	Machanical Engineering	2016-17		116	
	Mechanical Engineering (Intake: 127)	2015-16		125	
	120+6TFWS+1 J&K	2014-15		127	
	120+01F WS+1 J&K	2013-14		127	
	Civil Engineesing	2016-17		121	
	Civil Engineering (Intake: 127)	2015-16		122	
	120+6TFWS+1 J&K	2014-15		127	
	120+011 W5+1 3&K	2013-14		127	
	Electronics &	2016-17		110	
	Telecommunication	2015-16		112	
	Engineering.	2014-15		115	
	(Intake: 127) 120+6TFWS+1 J&K	2013-14	The Centralized	126	
		2016-17	Admissions	118	
	Computer Engineering	2015-16	Process (CAP) is carried out by	125	
	(Intake: 127)	2014-15	the DTE	123	
	120+6TFWS+1 J&K	2013-14	Maharashtra	126	
		2016-17	State. The	58	
	Information Technology	2015-16	institute wise	60	
	(Intake: 60)	2014-15	data for number	29	
		2013-14	of applications is	63	
		2016-17	not made	60	
	MBA	2015-16	available by the	60	
	(Intake: 60)	2014-15	DTE.	59	
		2013-14	(for demand	60	
		2016-17	ratio calculation	10	
	M.E.(Mech.)	2015-16	sanctioned	7	
	(Intake: 18)	2014-15	intake of	11	
		2013-14	programme is	18	
		2016-17	considered as	11	
	M.E. (Civil)	2015-16	denominator)	10	
	(Intake: 18)	2014-15		11	
		2013-14		7	
		2016-17		02	
	M.E. (E&TC)	2015-16		8	
	(Intake: 18)	2014-15		4	
		2013-14		16	
		2016-17		08	
	M.E. (Comp)	2015-16		14	
	(Intake:24)	2014-15		26	
		2013-14		18	

^{*}Demand ratio is one as admissions are done through Centralized admission process and actual admitted number of students applied is unknown. And reported students take admissions.

Reasons for increase / decrease actions initiated for improvement:

Every year approximately 50000 Engineering First year and MBA seats remain vacant in Maharashtra state. It is also found that only 90 % of F.E. seats are filled in number of reputed institutes. In comparison admission in Sanjivani College of Engineering is satisfactory every year.

2.2 Catering to Students Diversity

2.2.1 How does the institution cater to the needs of differently-abled students and ensure adherence to government policies in this regard?

As a part of social values Institute gives comfortable environment for differently-abled students, the institute follows government policies to cater to their needs:

- Provision of Ramp, wheel chairs and lift
- Extra time in the examination hall as per the SPPU, Pune rules.
- For the differently-abled students as per the SPPU, Pune rules a writer is also provided.
- Medical facility is provided to these students / staff in our parent organization,
 Sanjivani C-operative Sugar Factory Ltd Sahajanandnagar.

It is also noted from last few years that no differently-abled students admitted in Institute and no such type of staff is working in Institute.

2.2.2 Does the institution assess the students' needs in terms of knowledge and skills before the commencement of the Programme? If 'yes', give details on the process.

Yes, the Institute has well defined mechanism for assessing the students' knowledge immediately after the commencement of program. After admissions all the admitted students undergo following procedure

F.E. Induction Programme: Every year, before the commencement of First Year Engineering (FE) course, a formal assembly of F.E. students, parents and teachers is organized.

Assessment method

- At the beginning of the semester MENTOR conducts orientation classes group wise (20 students) to ascertain knowledge based needs and skills of the students followed by individual students assessment.
- Assessment is carried out using Tutorials, Assignments, and Final Year Projects.
- Also GD, debate quiz, aptitude tests and value added courses -competitive exams and GATE coaching are organized.

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 program of their choice?

The newly admitted students at first year with basic knowledge of physics, chemistry and mathematics are oriented through bridge courses immediately after commencement of first semester. For candidates with the lateral entry extra classes are arranged particularly in the mathematics subject. Special classes, remedial classes and tests are conducted for the slow learners.

Add-on and enrichment courses

- **APPART training:** APPART bridges the gap between corporate and educational institutions through its campus connect services. The campus connect feature facilitates effective hiring by end-to-end assessments and evaluations.
- **SCOUT Training**: Improves soft skill sets.
- Courses are conducted by faculty
- Alumni Interactions
- Professional bodies interactions
- Industrial visits.

Branch	Year (Visit Data)				
	2012-13	2013-14	2014-15	2015-16	2016-17
Mechanical	19	20	11	10	08
Computer	01	02	Nil	01	NIL
E&TC	Nil	Nil	15	11	02
Civil	18	20	22	23	22
IT	Nil	10	06	Nil	01
MBA	Nil	04	06	05	02

Knowledge gap

- Institute organizes technical events, paper and poster presentations, and seminars to bridge the knowledge gap to enable them to cope with advances in their respective fields of studies.
- Industrial visits / Technical trainings are arranged for the students with the industries. Students are encouraged for implant training during their vacation period.
- Guest lectures of eminent personalities from various organizations are organized. This ensures the fulfillment of Institutional academic and employability objectives.

Remedial classes

• The institute offers remedial classes and extra classes as per the student needs and to fulfill the curriculum/syllabus prescribed by the University.

Sr. No.	Department	Subject
1.	Mechanical	Engg. Graphics
2.	Wicemanicar	Mathematics
3.	Computer	TOC
4.	Civil	Engg. Mechanics

• **Self-learning and Content beyond syllabus.** Special topics for each subject to bridge the gap in the SPPU syllabus are covered by the faculty.

Branch	Year				
	2012-13	2013-14	2014-15	2015-16	2016-17
Mechanical	28	29	29	30	30
Computer	47	47	40	40	40
E&TC	31	35	34	33	34
Civil	25	58	64	75	74
IT	30	30	31	31	32
MBA	20	21	24	25	27

2.2.4 How does the college sensitize its staff and students on issues such as gender, inclusion, environment etc.?

Environment awareness: The Institute consciously takes care of Work environment issues through various activities like Stress management program through Yoga courses to both students and faculty. Also various motivational lectures are organized under NSS.

Events	Year				
Events	2012-13	2013-14	2014-15	2015-16	2016-17
Events such as blood donation camp, tree plantation, art of living workshop etc.	06	09	14	16	11

Gender sensitization

At the commencement of each semester, authorities at the Institute address the staff on the importance of handling students with sensitivity.

- The college provides equal opportunity to ladies and gents faculty with respect to appointments, administration, deputation to courses, higher studies.
- The college provides equal opportunity to girls and boys students with respect to participation in extracurricular activities, sports and placements.
- The Anti-Ragging committee functions actively in the Institute to handle carefully the issue of ragging by scheduling a duty chart of faculty members to monitor it.
- The mentors are advised to look out for sensitive issues related to gender discrimination or caste and handle it with caution or avert it by careful counseling. As such a secular environment promotes a joy of learning.
- Harassment committee is formed to take care of such issues. The Institute has
 Grievance Redressal committee and Women's Grievances Redressal committee
 which also plays an important role in sensitizing the gender issues.
- Hemoglobin checkup camp for ladies staff and students are organized.

2.2.5 How does the institution identify and respond to special educational/learning needs of advanced learners?

Advanced learners are motivated and encouraged by providing various platforms.

- Advanced learners are identified based on their MHT-CET/JEE results, and subsequent performance in continuous internal assessment tests and university results.
- Students are encouraged to participate in paper and poster presentations, project exhibitions held at state and national level.
- Students are being provided financial support for getting rank and appreciation in their Projects / poster presentation / Paper presentation in various competitions.
- Institute also organizes value added courses and training programs for the students also they are awarded for winning in any such Programme.

• Students are motivated to participate in activities like DIPEX
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Sr.No	Value added course	No.of students	Department
1	3D Printing	60	Mech.
2	Quad copter	65	Mech.
3	Workshop on LATEX	42	Comp.
4	Advance C with basic	38	Comp.
5	STAD –PRO Software	40	Civil

2.2.6 How does the institute collect, analyze and use the data and information on the academic performance (through the programme duration) of the students at risk of drop out (students from the disadvantaged sections of society, physically challenged, slow learners, economically weaker sections etc. who may discontinue their studies if some sort of support is not provided)?

Procedure adopted to collect and analyze data: Root cause analysis

- Results of class tests, in-semester examination, online and end-semester
 university examinations are readily available with the concerned faculty for
 the result analysis. This analysis gives us indication about the students who
 are probably at the risk of drop out.
- A root cause analysis is performed on the results and percentage attendance

of the students.

Mentor identifies the reason for poor performance, poor attendance of his
mentee and tries to improve it with counseling and appropriate measures.
 Feedbacks received from the students and the discussions carried out during
counseling gives us insight about the poorly performing students.

Students from the disadvantaged sections

- The students from the disadvantaged sections of society, physically challenged, economically weaker sections are also identified.
- These students are regularly counseled to know their special needs and difficulties in learning process and their problems are then resolved as per the need.
- For the students from disadvantaged sections of the society the benefits of reservations in admissions and scholarships are provided as per government norms.

Slow learners

- Special classes, remedial classes and tests are conducted for the slow learners
 after the regular classes of the Institute. Handouts, class notes are provided to
 the slow learning students for easy understanding of the topic
- learners progress is discussed with their parents for academic improvement.

Sr. No	Remedial classes for Slow learners	No of students attended
1	Subject: Engineering Graphics (FE)	71
2	Subject: Engineering Mathematics (FE)	82
3	Subject: TOC (comp)	32
4	Subject: Engg. Mechanics (Civil)	40

Various scholarships for economically weaker section

- Student section creates awareness and provides all necessary information regarding various scholarships and social welfare schemes available to the students.
- The institute admits students under TFWS (Tuition Fee Waiver Scheme) of DTE.

Scholarships and various schemes available:

- Earn and learn scheme,
- Sanjivani foundation scholarship,
- Book bank scheme,
- Sai Sanstan Scholarship
- The minority cell helps the students from minority communities to avail scholarships provided by government. NGO assistance information is made available on website

2.3 Teaching-Learning Process

2.3.1 How does the college plan and organize the teaching, learning and evaluation schedules? (Academic calendar, teaching plan, evaluation blue print etc.)

Academic Schedule



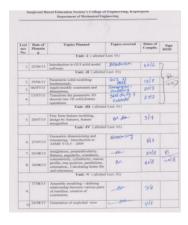
- Academic year starts as per academic calendar prescribed by SPPU.
- The university prepares and publishes the academic Schedule for the academic year which includes plans for curricular and co-curricular activities based on the available working / teaching days as per UGC norms.
- Committee at the Institute level prepares the Institute academic calendar in concurrence with the university calendar which is prepared in advance before the commencement of the semester. Department provides format ACAD F22 ISO

format.

- Academic calendar of the Institute includes schedule of curricular transaction, assessment, class test, midterm submission, list of holidays etc.
- Time table and academic calendar are given to students at the time of reporting.

Teaching Plan





- The detailed lesson plan / teaching methodology according to course contents is prepared by each faculty before start of the semester.
- The lesson plan comprises of contents like learning aid and methodology, faculty approach and course outcomes; and this is uploaded on ERP.
- This enables the students to know the course wise schedule and the content to be learnt in each lecture.
- Monitoring of implementation of lesson plan is done by class coordinator and corrective action is suggested.

Laboratory Schedule

The laboratory schedule is prepared by the concerned faculty and batch wise details with dates are specified in laboratory schedule.

Time Table



- Time table of regular lectures for the semester is prepared as well as displayed on the notice board and uploaded on ERP.
- Academic monitoring committee appointed by the Principal / HOD monitors the day to day conduction of the lectures based on the timetable.

Evaluation Blue Print



2.3.2 How does IQAC contribute to improve the teaching –learning process?

IQAC contributes to improve the teaching – learning process in following way:

Internal Quality Assurance Cell (IQAC) / Under ISO

This cell checks course files, theory and practical attendance sheets, Lab manuals, staff feedback etc. in every semester and submit the report of same to the Principal.

Vigilance/Monitoring Committee (Coordinators)

This cell monitors the classes and interacts with students and faculty regularly and on need basis, suggests remedial measures.

Mentorship Scheme

- Mentor meetings are conducted to counsel the students to develop them at various facets besides academics.
- Mentors also discuss issues related to academics, hostel, mess and overall facilities.
- Based on the issues raised by the above mentioned committees, the Principal takes corrective measures to improve teaching learning process.

2.3.3 How learning is made more student-centric? Give details on the support structures and systems available for teachers to develop skills like interactive learning, collaborative learning and independent learning among the students?

Student centric

To make learning more students centric following activities are carried out at departmental level

Self learning	Project competition	Technical events
Tutorials/ Assignment	Group discussion	Seminar
In-sem Examination	Industrial visits	Workshop
Mock oral / test	Mentorship scheme	Exhibitions

Support structures and systems

To develop skills for various learning among the students Institute provides support in following ways

- Organizations of courses to develop teaching skills like Mission 10X for faculty.
- Organizing video-conferencing workshops to develop various technical skills
- Provision of series of NPTEL video lectures.
- ERP system which helps faculty to upload lesson plans, question bank, notes, lecture content and presentations.
- III cell helps to arrange industrial visits.
- Library, internet facility and language laboratory is available.
- Classrooms with LCD projectors

2.3.4 How does the institution nurture critical thinking, creativity and scientific temper among the students to transform them into life-long learners and innovators?

In line with Institute vision, conscious efforts are taken in the academic and allied activities of the Institute to nurture critical thinking, creativity and scientific temper among the students. Institute aspires to have a transformational impact on students through comprehensive education by inculcating qualities of competence, confidence and excellence. Various activities are enumerated as follows

Critical Thinking

- Institute motivates students to participate in national level project competitions organized by other institutes and universities such as *Avishkar*, Dipex, *Baza* and *Shrujan*.
- Students are motivated to participate different in CAD Wars; Robo Wars assigned which leads to critical thinking in them.
- Industrial visits are organized for the students to gain practical knowledge about the functioning which gives a way to broad thinking.
- Real time, society based and industry sponsored projects are allocated to the students which lead to critical thinking.
- Idea box, Techhorizon was also conducted.

Nurturing Scientific Temper

- Expert lectures of industry persons, scientists, and entrepreneurs are organized to share their experiences and to make them aware of new technology and practices followed in industry.
- Students are motivated to become members of Professional societies chapter and student forums like IEEE, IETE, ISTE etc
- Students who are interested in research and development work are motivated and encouraged to present their work in different conferences / journals.
- Students are rewarded for their best and outstanding performance in project, research and other relevant areas.
- Faculty members are also engaged with research work in association with potential students by sharing their innovative concepts with these students.
- Research forum, Alumni guidance time-to-time.

2.3.5 What are the technologies and facilities available and used by the faculty for effective teaching? Eg: Virtual laboratories, e-learning - resources from National Programme on Technology Enhanced Learning (NPTEL) and National Mission on Education through Information and Communication Technology (NME-ICT), open educational resources, mobile education etc.

The institute makes comprehensive use of cutting-edge technologies in the teaching learning process and provides such facilities for the benefit of the students. Following are the technologies and facilities used by the faculty for effective teaching:

- Collaboration with IIT-Bombay (Nodal center) Knowledge center, Workshop conducted on virtual lab, spoken tutorial. Promote students to go for online certification courses
- The entire campus is connected with high speed Wi-Fi facility (100Mbps). Departments are provided with smart class rooms with Laptops, LCD projectors and inter-net and Wi-Fi connectivity.
- Reference books of reputed authors, Animation and video clips in class and Study material is shared with students: slide share
- Online library subscription: ERP, Special educational software
- IGTR Aurangabad training, Udemy.com online courses.
- Faculty is constantly motivated and encouraged for effective teaching by providing required facilities as given below

Sr. No.	Academic Year	Technology Name
1.	2013-14	PPTs, Video Lectures
2.	2014-16	PPTs, Video Lectures
3.	2015-16	PPTs, IIT Bombay Spoken tutorial
4.	2016-17	PPTs, NPTEL Lectures, IIT Bombay Sopken tutorial, Moodle(ICT)

2.3.6 How are the students and faculty exposed to advanced level of knowledge and skills (blended learning, expert lectures, seminars, workshops etc)?

Number of activities are carried out at the Institute to expose the faculty and students to advance level of knowledge and skills. Institute along with organization pursues to depute faculty and students to various relevant organizations and events. Some of the activities are as listed below

- Institute organizes and motivates students to participate in workshops, conferences, project competitions, and paper and poster presentation competitions.
- Institute financially support and motivates staff to participate in workshops, seminars, conferences, STTPs, and guest lecturers organized by other institutes.
- Faculty is motivated for Higher Studies and courses.
- Industrial visits for faculty and students are arranged to have experiential learning.
- Experts /guest lectures by eminent faculty from various recognized institutes like IIT, industries and Alumni are arranged regularly to augment learning with latest industrial technology.

Guest Lectures

Branch	Year				
	2012-13	2013-14	2014-15	2015-16	2016-17
Mechanical	6	8	6	10	12
Computer	2	5	8	12	09
E & TC	3	3	5	6	07
Civil	7	7	6	7	08
IT	1	2	3	4	05
MBA	2	2	4	5	17

2.3.7 Detail (process and the number of students \benefitted) on the academic, personal and psycho-social support and guidance services (professional counseling/mentoring/academic advise) provided to students?

Academic, personal and psycho social support is provided to students through mentoring scheme at the Institute.

Academic Support

- Book Bank Facility to Engineering Students,
- Printed Laboratory Journals to Engineering Students,
- Printed Laboratory Manuals to higher classes,
- Remedial and extra classes as per the need.
- Advanced courses as per need of industry.

Personal and psycho-social support

- Individual level counseling through mentorship scheme.
- Mentor-mentee scheme is followed in the Institute where every faculty is assigned 20 students. This scheme helps the students to overcome the psychological barriers, and inferiority complex.
- Mentors offer suggestions and advice to the mentee as and when needed and continuously monitor the attendance and progress of the students.
- Mentor is in communication with the parents of their mentees on regular basis.

Lectures for Personal development of students

- Institute conducts lectures on motivation, positive attitude, leadership qualities, stress management, moral values on regular basis.
- Institute organizes yoga classes, Art of living course and meditation.
- The personality, professional development, entrepreneurship awareness sessions are organized for students.
- Guidance for advanced technology, competitive exams and higher studies is provided.
- Various skill development courses are organized.

Counselors

Principal and HODs counsel the students and advise them from time to time about career guidance, competitive examinations, etc.

2.3.8 Provide details of innovative teaching approaches/methods adopted by the faculty during the last four years? What are the efforts made by the institution to encourage the faculty to adopt new and innovative approaches and the impact of such innovative practices on student learning?

The faculty members continuously adopt different innovative teaching methodologies. Some of the innovative teaching methodologies adopted are as follows:

- Faculty members are given specialized training by professionals, I-media (IT), APART,
- Faculty uses computer simulation during the theory and practical classes
- Institute conducts mock online test for students to practice for university online examination.
- Institute conducts mock practical / oral examination for students.
- Faculty uploads video, PPTs, tutorials, assignments, lecture notes and other relevant materials on web portal.
- Use of open educational resources, E-learning resources such as NPTEL.
- Various innovative teaching-learning practices advocated by Mission10X such as role-play, quiz, brainstorming, puzzles, and activities are incorporated in the teaching plan to make learning more effective.
- Project-based learning and experiential learning like field work, visit to industries and guest lectures are organized on regular basis.

Effort by the Institute

- The Institute conducts two days induction seminar for newly joined faculty to give them information regarding Institutes code of conduct.
- IQAC annually organizes training for faculty on innovative pedagogy, best practices in teaching and learning, moral values, question paper setting etc.
- Institute constantly encourages the faculty to adopt various innovative practices by deputing the faculty to various workshops and seminars involving Teaching Learning Process

- Almost 90% of the faculty has undergone Wipro Mission10X workshops which include Dale Carnegie High Impact Presentation Skills Certification, Mission10x certification for teachers.
- Faculty is encouraged to use various online resources such as NPTEL lectures for teaching learning process.

Impact of innovative practices on student learning

Impact on Students:

- Increase attention of students in classes.
- Participation in E/M-BAJA,
- IT-Lab Development by Students,
- Project: Dipex, Society based Projects
- Improvements in result and overall academic performance.
- Increased participation of students is observed in various curricular and extracurricular activities.

2.3.9 How are library resources used to augment the teaching learning process?

The institute provides library facility with access to e-learning resources, e-journals, periodical section with magazines, subscriptions to IEEE journals and transactions, Science Direct, Springer, ASCE, and ASME.

Proceedings, Non printed material- CD's

Books	Title:19836	Volume:53285
Printed Journal	Indian:117	Foreign:16
E-Journal	1651	

Central library houses a wide variety of resources like books, journals, standards-resources, courseware, CD-ROMs and video CDs to assist teaching learning processes Students are made to refer text books, reference books prescribed in curriculum.

- Outsourced courseware such as NPTEL is made available in addition to e –
 resources and web based tutorials to augment teaching learning.
- Other facilities like digital library, Wi-Fi connectivity, reading room.
- Since open access system is followed students have direct access to the books,

- magazines and journals.
- Adequate numbers of books are also issued to the student's for reference.
- Students are encouraged to utilize the library as frequently as possible for referring various magazines and journals.
- Membership of IEEE, ASCE, and Science Direct helps access to thousands of ejournals and research articles.
- Old question papers of midterm tests and final examinations in all the subjects are made available to the students in the library.
- Project library containing CDs of the soft copy of all the completed projects is available.

2.3.10 Does the institution face any challenges in completing the curriculum within the planned time frame and calendar? If 'yes', elaborate on the challenges encountered and the institutional approaches to overcome these.

- Whenever we face challenges like unexpected holidays, extra/remedial classes are arranged for some subjects.
- Certain subjects need more time than allocated in structure (03 classes/week) depending upon the grasping power of students.

Efforts to overcome the challenges:

- Considering above challenges academic calendar is prepared with optimal utilization of available weeks for teaching learning activities.
- Extra lectures and practical sessions are arranged to cover the syllabus.
- Provision of additional working days and extra classes against unexpected holidays helps the Institute to manage this challenge effectively.

2.3.11 How does the institute monitor and evaluate the quality of teaching learning?

- A departmental level Class / Subject Coordinator monitor day to day conduction of lectures and practicals as per time table and gives report to HOD.
- Internal audit of the departments is done by internal auditors during each semester to check teaching learning process followed by the faculty and efforts taken by HODs to monitor the academics.
- Once in a year, self-appraisal report of faculty is evaluated by Principal and

- Management. On the basis of this report, appreciation letter, suggestions for improvements for better performance are given to the faculty.
- Feedback is taken from students to identify the gaps in the teaching and learning process. Subsequently the feedback is given to the faculty on the basis of need for improvement.
- Result analysis of each subject is carried out every semester.
- Institute monitors and evaluates the quality of teaching learning through IQAC.

Evaluation of teaching learning quality

- Institute conducts test, and mock practical / orals and analyzes the results.
- Continuous evaluation of seminars and projects is carried out.
- Analysis of the university examination result (Th/Pr.) is done.
- Remedial Classes for improvement are taken (Refer 2.2.3)

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.

Strategies adopted by Institute in planning and management of its human resources to meet the requirement of the changing requirement of the curriculum are as follows:

Recruitment of faculty

- While recruiting faculty Institute ensures faculty qualification and profile as per AICTE norms.
- Applications are invited after the approval for the advertisement by SPPU, Pune from eligible candidates through advertisement in the national daily news papers.
- The name of the eligible candidates from Employment and Reservation section of the University is obtained.
- Scrutiny Committee is appointed for scrutiny of applications received, by the governing body and call letters are sent to the eligible candidates for interview.
- The Vice Chancellor of University appoints the selection committee consisting of VC Nominee, Reservation Nominee, subject experts and interviews are conducted by this committee.

- Selected candidates are appointed by the management.
- Proposal for approval of the teachers is submitted to the SPPU.
- Recruitment of faculty as per AICTE norms takes place annually.
- However, in case of vacancy arising in between two interviews conducted by University, walk in interviews are conducted. LMC forwards proposal to fill the vacant posts to the GB. After approval from GB, advertisement is given in local newspapers for walk in interviews. Suitable candidates are selected by local selection committee formed by the Principal keeping in views university norms. Proposal for approval of the teachers is submitted to the SPPU. Qualified and competent faculty at the Institute is as given below

Qualifications	Department					
Quantications	Mech.	Civil	E&TC	Comp	IT	MBA
Ph.D.	05	05	03	02	02	3
M.E./M.Sc.	42	41	34	31	14	NA
MBA	NA	NA	01	NA	NA	5

Retention strategies

- Institute has time bound and performance based promotion policy.
- Institute sponsors/deputes faculty for higher studies.
- Institute sponsors/deputes faculty for conferences, workshops etc.
- Faculty is felicitated based on their achievement and performance.
- Resources for research are provided to faculty.

2.4.2 How does the institution cope with the growing demand/scarcity of qualified senior faculty to teach new programs/modern areas (emerging areas) of study being introduced (Biotechnology, IT, Bioinformatics etc)? Provide details on the efforts made by the institution in this direction and the outcome during last three years.

With increase in educational institutes and exponential growth in technology there is growing demand for qualified senior faculty to teach new programs introduced to incorporate emerging areas like IT, Bioinformatics etc. To cope up with the demand following measures are taken.

 The scarcity of qualified senior faculty to teach emerging areas is tackled by conducting expert talks, guest lectures and seminar series. In last three years, the institute has invited/ interacted with number of visiting faculty in emerging fields.

- Experts from academia as well as from industry are called to deliver guest lectures on modern and emerging areas.
- The institute appoints adjunct professors.

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.

Nomination to staff development programs during last four years

Faculty development programs	Number of faculty nominated
Refresher courses	02
HRD programs	02
Orientation programs	34
Staff training conducted by the university	44
Staff training conducted by other institutions	88
Summer/ winter schools workshops etc	202

a) Faculty training programs organized by the institution to empower and enable the use of various tools and technology for improved teaching-learning-Teaching learning methods/approaches, Handling new curriculum, Content/knowledge management, Selection, development and use of enrichment Materials, Assessment, Cross cutting issues, Audio Visual Aids/multimedia, OER's, Teaching learning material development, selection and use.

Few of the FDPs organized during the last four years

Year	FDP Event	Number of faculty participated
	One Day Workshop on Condition Monitoring by FFT Analyzer	16
2013-14	One Day Workshop on Teaching Methodology for Material Sci. and Metallurgy	11

	One day workshop on Hydraulics and Pneumatics Lab Practicals	31
2014-15	One day workshop on present status and future trends in renewable energy	5
	Two day workshop on DME	30
	One day workshop on nano composite materials	23
	Four days FDP on "STQA Tools: RQM & RFT" one week	20
2014-15	Organized 5 days FDP on "Application of Soft computing in Pattern Recognition", sponsored by Savitribai Phule Pune University, Pune. 28 /11/2014 to 2/12/2014	15
2015-16	Recent trends in Pattern Classification (02 days) 22,23 Jan 2016	47
2015-16	One day workshop on intellectual property rights (IPR) by Dr.Omprakash Kulkarni, Nasik	80
2016-17	FDP on Teaching and Communication Skils	45

Percentage of faculty

Teachers undergo training by attending various seminars, workshops, conferences as participants/resource persons. Number of faculty who have attended seminars/conferences/workshops/Refresher courses as participants/ resource persons in the last four years is given in the table below

Faculty	Percentage
Resource persons in workshop/seminar / conference	12.55
Participated in external workshop/ seminar / conference	32.84
Presented papers in workshop/ seminar / conference	57.33

2.4.4 What policies /systems are in place to recharge teachers? (e.g. providing research grants, study leave, support for research and academic publications, teaching experience in other national institutions and specialized programs, industrial engagement. Etc.

Add Paper presentation, Peer review Journals, Remove- Refresher, and orientation.

To recharge the teachers, the Institute has following policies:

- Teachers are encouraged to carry out quality research and present/publish papers in national international conferences / peer review of journals.
- Faculty is motivated to undergo online courses such as NPTEL.
- Faculty is also encouraged to visit one industry in every academic year to get a practical knowledge.
- A Fee is paid by institute for participation of teachers in STTP, FDP, Seminar, Conference etc.
- Institute also conducts number of seminars, workshops and special lectures for its faculty.
- A study leave is granted to faculty pursuing higher education such as PG and Ph.D.
- Teachers are motivated to apply for obtaining research grants from various funding agencies such as AICTE, BCUD, DST, UGC etc

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.

The Institutional culture and environment welcome the innovative and 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	Award/ Recognition	
Dr. M. A. Jawale	Best Paper award in National level seminar at DMI Nasik	
Dr. S. V. Patankar	Best Paper award "Utilization of fly ash in the production of Geopolymer concrete"	
Dr. S. V. Patankar	Best Paper award "Effect of alkaline solution on the production of Geopolymer concrete"	
Prof. N.G Pardeshi	Best Paper ICAET 2013	
Dr. A. B. Pawar	Recognition as a reviewer IEEE Conference	
Prof. D. B. Khirsagar	BOS Member, Shivaji University BOS Member, SPPU Pune University	

2.4.6 Has the institution introduced evaluation of teachers by the students and external peers? If yes, how is the evaluation used for improving the quality of the teaching –learning process.

Yes, the Institute evaluates teachers by taking feedback from students and external peers

Direct method:

• Evaluation of Teachers by students:

- The students fill up the online feedback form made available to them by the institute feedback software wherein students respond to a set of questions.
- o The students can also provide suggestions through the suggestion boxes.

Indirect method:

• Evaluation of Teachers by external peers:

- There is no provision as such to evaluate teachers by external peers.
 However, the institute follows the following mechanism wherein interdepartmental faculty performs the evaluation.
- HOD has constituted a Body which included HOD as a Chairman along with faculty coordinator for each class and class representative (CR). This Body take a meeting to evaluate academic issues along with feedback of faculty

Students feedback Analysis

A Committee consisting of HOD and feedback coordinators are formed to analyze
the feedback where the strengths and areas of improvement of faculty are
identified.

- Faculty members are motivated for their efforts by Appreciation letters.
- Faculty members who have areas of improvements give undertaking to HOD, stating improvement in his weak areas.

Effects and improvements due to feedback by students

- Faculty having poor feedback work on their issues and they put more efforts in weak areas.
- Technical know-how and Communication skills of faculty are found improved.
- Need of interaction in class is recognized and faculty have started using interactive teaching methods in the class.
- Faculties have attended FDPs on teaching skills.

2.5 Evaluation Process and Reforms

2.5.1 How does the institution ensure that the stakeholders of the institution especially students and faculty are aware of the evaluation processes?

Institute ensures that the stakeholders are aware of the evaluation process by timely informing them about the various avenues to know about the evaluation process:

- The regulations, curricula and syllabi of all the programs offered by the Institute
 are given to each stakeholder at the time of reporting. And those are available on
 the affiliating University website. The syllabi contain the details of the structure
 of each subject.
- Faculty is deputed to various SPPU FDPs where they are informed about the evaluation processes of each subject.
- Institute offers information well in advance to stakeholder about evaluation process including in-semester examinations, End-semester examinations, Termwork evaluation, Mock oral / practical assessment process and Project / seminar evaluation.
- Institute disseminates all examination time tables on department notice board, on web portal, SMS to students.
- Academic calendar is prepared in the beginning of semester which contains academic activities which is given to the students at the time of reporting.
- The question paper pattern and model answer paper is informed to the students by the concerned faculty members before the commencement of examination.
- Information regarding verification and revaluation for FE to BE and PG

University examination is provided by the college office by displaying notices from time to time.

 Parents are informed about evaluation process during parents meet, induction program and directed to visit the university and Institute websites.



Suggestions given by Alumni advisory Members in meeting: Tie-up of institute with Foreign University, Satellite campus, Virtual lab set up, Cloud computing Think about Industry Specific Inclination. Efforts for Industry- supported Labs, Centre of Excellence, Participation in Industry Exhibitions and Small Scale Business, Organizing Skill Development – MKCL programmes, C/C++, and Certification Courses. To take NPTEL lecture once in a week, Lab to kept open after college hours. Also to Set-up Labs- tools (Customized Syllabus) To start Internship for SE- Onwards students To take Mind training Programme, Internship Programme, (thinking-Innovation)

Transparency is maintained in evaluation process by mentioning it in department Calendar, Evaluation book, Printed Journal etc.

2.5.2 What are the major evaluation reforms of the university that the institution has adopted and what are the reforms initiated by the institution on its own?

Mock Prelim (FE), Continuous Assessment.

Since affiliated, Institute adopts all the major reforms in curriculum, examination pattern and evaluation process prescribed by the university to discuss the adopted reforms in exam pattern.

University has introduced the concept of College Examination officer (CEO) who is an university approved experienced faculty and nominated by the Institute to monitor and ensure the university exams and related work.

First Year Engineering / Second Year Engineering

University has introduced online examination for FE & SE as follows

Examination Pattern for FE and SE				
Old Pattern	New Pattern (2012-13)			
Final Theory	Phase-I Phase-II Final Theor			
Examination	Online	Online	Examination	
	Examination	Examination		
100 Marks	25 Marks	25 Marks	50 Marks	

Third Year Engineering / Final Year Engineering (TE/BE)

University has introduced offline examination for TE & BE as follows

Examination Pattern for TE and BE			
Old Pattern (2008-09)	New Pattern (2014-15)		
Final Theory Examination	In Semester Examination	End semester Examination	
100 Marks	30 Marks	70 Marks	

University has proposed Credit Based System for UG programmes which is effective from June 2015.

Post-Graduation (PG) ME

Examination Pattern for PG				
Old Pattern (2008-09) New Pattern (2013-14)				
Final Theory Examination	In Semester	Final Theory		
	Examination	Examination		
100 Marks	50 Marks	50Marks		

University has introduced Choice based Credit Based System.

MBA

Examination Pattern for MBA						
Old Pattern ((2008-09)	New Pattern	(2013-14)			
In-Semester Examination	Final Theory Examination	Online Examination	In-Semester Examination	Final Theory Examination		
30 Marks	70 Marks	20 Marks	30 Marks	50 Marks		

Passing for online, in-semester & final theory examinations is separate.

Ph.D.

Post graduate research program leading to Ph.D degree has been from academic year 2014-15 as follows-

Course work is compulsory and carries 20 credits as follows

- 5 credits for Research Methodology.
- 10 credits for subject specific (2 subjects) coursework.
- 5 credits for field work, seminar and other academic activities.

Institute Reforms

- Institute has developed ERP system for academic and administrative process.
- Internal test is introduced at department level.
- Tutorial, assignment, problem based learning, content beyond syllabus etc for selected subjects is introduced.

2.5.3 How does the institution ensure effective implementation of the evaluation reforms of the university and those initiated by the institution on its own?

Implementation of university reforms

University has a systematic procedure of online evaluation, offline evaluation rechecking, re-evaluation and photocopying of the answer sheet. Institute helps students for any of these related issues.

- University Evaluation: The reforms recommended by the SPPU, Pune and those initiated by the institute are effectively implemented.
- To conduct online exams, institute has sufficient IT infrastructure.
- Institute has test coordinator in each department for smooth conduction of online exam and internal tests.
- The duty of Chief Examination Officer has been assigned for smooth conduction of University exam.
- FE and SE online exam at university level for which practice sessions are conducted.
- Regular assignments along with self-learning assignments are given and answers are discussed in the class.

2.5.4 Provide details on the formative and summative assessment approaches adapted to measure student achievement. Cite a few examples which have positively impacted the system.

Weightage assessment

Formative assessment approach

Formative assessment is continuous assessment during the complete course.

- It is implemented regularly in teaching process through various activities like quiz, assignments, tests, retests, mock orals, practical, online MCQ tests, project competitions and presentations.
- The continuous internal assessment of 25/50 marks based on students attendance, laboratory work / performance, unit test, assignments / tutorials, orals, etc. is carried out to assign term work marks to the students.

Summative assessment approach

Summative assessment is to evaluate students' learning during semester and till the end of the semester. It is carried out in following ways

- Online / mid semester exams conducted by university.
- Project work demonstrations and presentations in presence of industry experts.
- End semester examination of theory and practical/oral as prescribed in the curriculum.

Impact

- Class tests, quiz, assignments has helped the students to revise curriculum and practice for exams.
- Online mock tests helped the students to get acquainted with online examination system and to boost the confidence of facing such exams.
- Mock oral helps the students to face university oral/practical examination with confidence.
- Enhancement in students' examination performance.
- Improvement in students' behavior, punctuality, attendance etc.
- A student understanding of concepts has reached a deeper level.

Sample Example:

Many of our students achieved excellent performance in the University examinations and obtained University ranks.

Sample list of University Rank holders is given below

Sr. No.	Name of the Student	Brach	Year	University Rank
1.	Miss. Chaphekar Harshda A.	Civil	2015-16	3 rd (All Branches)
2.	Miss. Chaphekar Harshda A.	Civil	2015-16	1 st (Civil)
3.	Miss Gadekar Sonal	Civil	2015-16	7 th
4.	Vanave Devidas	Civil	2014-15	10 th
5.	Miss. Gadekar Sonal	Civil	2014-15	7 th
6.	Miss. Chaphekar Harshda A.	Civil	2014-15	1 st
7.	Miss. Chaphekar Harshda A.	Civil	2013-14	2 nd
8	Mr. Manoj Jadhav	IT	2014-15	6th
9	Avhad Samadhan	Mech.	2013-14	7th
10	Bhawar Sarjerao	Mech.	2013-14	8th
11	Bankar Mahesh	Mech.	2013-14	9th
12	Chapekar Harshada	Civil	2013-14	2nd
13	Kaklij Sachin	Civil	2012-13	2nd
14	Patil Harshal	Civil	2012-13	3rd
15	Jadhav Mayur	Civil	2012-13	8th

2.5.5 Detail on the significant improvements made in ensuring rigor and transparency in the internal assessment during the last four years and weightages assigned for the overall development of students (weightage for behavioral aspects, independent learning, communication skills etc.

Transparency in the internal assessment

- For internal assessment of students' factors such as mid-term submission, unit tests, mock practical/oral, attendance of student are taken into account.
- Institute maintains complete transparency in the internal assessment of student which is disseminated time-to-time.
- Students' attendance is updated regularly in ERP. All the students can see their
 attendance any time through their ERP account. Parents get information about his
 attendance on same day of class. Mentor communicates to parents of his/her
 mentees internal examination marks and attendance. This helps the students and
 parents to ensure their attendance and progress.
- Students' signature is also taken in the practical evaluation book by showing his marks in the said practical.
- Timely display of record of attendance, test results and term work marks is done on the noticeboard.

Weightages assigned for the overall development of students

- Each Mentor is assigned 20 students (mentees) and in the mentor meeting mentees are taught behavioral aspects, independent learning, and communication skills by Mentor.
- Each mentee is given some current issue topic to talk on so to evaluate his communication skills and GKs.
- Extracurricular topics are taken in mentor meetings, in which students are
 encouraged to participate in various activities, and those activities are later
 evaluated by mentor. This evaluation sheet contain evaluation category like
 excellent, good, satisfactory, poor etc. Mentees are guided by mentor for further
 improvements.

SRES' Sanjivani College of Engineering, Kopargaon							
	Department of						
	Performance Appra	usal of Mentee AY: 20:	15-2016				
	Rubri	cs for evaluation					
Events	Events Excellent Good Satisfactory Poor						
Academics	Above 66%	60-66%	40-60%	Below 40%			
Attendance	Above 80%	75-79%	60-74%	Below60%			
Communication/ Soft Skill	Above 9 out of 10	7 to 8 out of 10	4 to 6 out of 10	Below 4 out of 10			
Sports	Intercollegiate	College level	Department level	No			
	Participation	Participation	Participation	Participation			
Organizational Ability(MESA,SAE, Prof Bodies event ,Gathering events)	03 Events/Activity Participation	02 Events/Activity Participation	01 Events/Activity Participation	No Participation			
Int/External Participation	03 Participation (1 Internal & 1 External)	02 Participation (1 Internal & 1 External)	01 Participation (Any)	No Participation			

2.5.6 What are the graduate attributes specified by the Institute/affiliating university? How does the Institute ensure the attainment of these by the students?

Graduate Attributes (GA) for various programmes at the Institute are as mentioned below:

a. Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.

- **b. Problem analysis:** Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- **c. Design / development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- **d.** Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- **e. Modern tool usage**: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- **f. The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- **g. Environment and sustainability**: Understand the impact of the professional engineering solutions in societal and environmental context, and demonstrate the knowledge and need for sustainable development.
- **h. Ethics:** Apply ethical principles and commit to professional ethics, responsibilities and norms of the engineering practice.
- **i. Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- **j.** Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- **k.** Life-long learning: Recognize the need for and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.
- **l. Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

Institute ensures the attainment of GAs by the students:

- Institute has developed Program Educational Outcomes (PEO), Program Outcomes (PO), PSO's Course Objectives and Course Outcomes, which are in accordance with the GAs specified by University.
- Institute develops teaching learning process and infrastructure to meet the above requirements. Institute regularly monitors the attainment of the same. It may modify the academic process to meet the outcomes.
- Interactive teaching learning process is encouraged, which develops in-depth knowledge in the subject, enhances communication skills, lifelong learning & ethics.
- Extra efforts are taken for improvement of communication skills and soft skills and external experts talks are arranged for enriching the same.
- Students prepare for seminars, mini projects and are motivated to take up challenging
 / application based / research based projects which help them to develop the Problem
 Based Learning (PBL) Skills.
- Industrial visits are arranged add on courses are conducted on regular basis to enhance the knowledge about **modern tools usage** of the students.

Varieties of activities are carried out under NSS which help the students in nourishing their **social** responsibility.

- Guest lectures by eminent personalities on technical and spiritual topics helps the students to develop **professional ethics**, **legal and social issues**.
- Institute level programs are organized like Art-of living, Yoga, CHOICE, spiritual topics and lectures under NSS that improves confidence level amongst the students.
- Availability of internet, online and offline journals keeps the students abreast with contemporary technology, through life long learning.
- The projects undertaken by the students in collaboration with industries demonstrate the knowledge and understanding of **project and finance management** to the students. It also helps the students to recognize the need for preparation and ability to engage independent and **life-long learning** of technological changes.

2.5.7 What are the mechanisms for redressal of grievances with reference to evaluation both at the Institute and University level?

The redressal of grievances regarding evaluation in both internal assessment and university examination is ensured through the following process University has committee

Institute level

- The committee constituted by the Principal and HOD consisting of experienced faculty members takes care of the grievances regarding the evaluation process.
- In case of any discrepancy in university result sheet, Institute verifies the details in available records at the Institute and guides the student with possible solution at Institute level or refers him with proper document to the university.
- After conduction and evaluation of the test, the subject teacher distributes
 evaluated copies of their test papers to the students. The solutions for the question
 paper are discussed in the class. The students can approach the teachers in case
 they need a clarification on the award of marks and scheme of valuation discussed
 in the class. The teacher clarifies doubts regarding evaluation.

University level

- As per the University recommendation, institute has appointed Controller of Examinations (COE) for University exam affairs. Evaluation related grievances are forwarded to the University through the COE.
- In cases of issues related with mistakes in filing examination forms, conduction of online examination & in-semester examination, Institute refers the case to university through proper channel and helps the students in resolving the same.
- In case of any problem at end semester examination assessment, the university has made provision of applying for the photocopy of the evaluated answer sheets. This gives an opportunity to students to get their answer sheets rechecked & revaluated if found incorrect by adhering to the university guidelines.

2.6 Student Performance and Learning Outcome

2.6.1 Does the college have clearly stated learning outcomes? If 'yes' give details on how the students and staffs are made aware of these?

Yes, Institute has stated their own learning outcomes. For every course/subject separate course objective and outcomes are specified by SPPU, Pune.

These are discussed with staff in departmental meetings. These are also reflected in course files.

The students and the faculty are disseminated through:

- Institute website and ERP Portal
- Department notice boards
- Laboratory notice boards
- Department news letters

PEO- for Mechanical Engineering Department

(Modified on 27/06/2016)

PEO1: To provide students with a sound foundation in mathematical, scientific and Engineering fundamentals to develop problem solving skills necessary to prepare for higher studies and for a successful carrier in the Industry.

PEO2: To Prepare graduates to gain theoretical and practical knowledge in Mechanical Engineering and allied disciplines.

PEO3: To inculcate teamwork, communication, interpersonal skills and ethical approach, adapting to changing environments of engineering and technology.

PSO:

- 1. An ability to design, analyse and manufacture mechanical systems to develop technical skills
- 2. An ability to apply various tools and techniques of mechanical Engineering

Course Outcomes (CO): CAD/CAM and Automation

After completion of the course students would be able to,

- a) Analyze and design real world components
- b) Suggest whether the given solid is safe for the load applied.
- c) Select suitable manufacturing method for complex components.

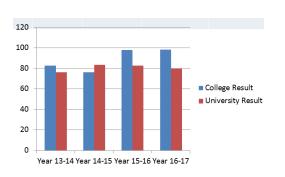
2.6.2 Enumerate on how the institution monitors and communicates the progress and performance of students through the duration of the course/programme? Provide an analysis of the student's results/achievements (Programme/course wise for last four years) and explain the differences if any and patterns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

PBL, Self-Learning, University test, Mid-Term Submission, Display result analysis on college website, show % of student with first class, Distinction (Quality Index)

- The student progress is monitored using continuous evaluation system which
 consists of tutorial, assignments; Problem based learning (PBL) / self-learning,
 SPPU tests, mid-term submission, mock practical and oral exam. Using this,
 institute finds out progress of the students.
- Progress and performance of students is communicated to students and parents through
 - o ERP and Parents meet.
 - Departmental noticeboard
 - o Phone calls by Mentor
 - Sending letters
- Result analysis of university examination is carried out by the Institute for each programme. Result analyses are displayed on college website.
- IQAC conducts meeting with the department faculty periodically for discussing the performance of students. Documents such as result analysis, defaulter list, midterm submission, progressive assessment and test results are analyzed, quality index is found out and proper precautionary measures are suggested.

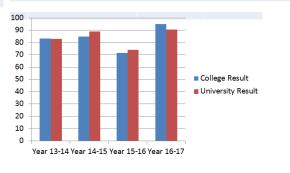
Result Analysis of Final Year for Last Four Academic Years

MBA



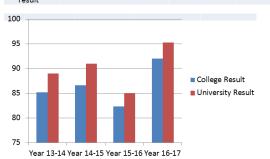
MECH Engg.

	Year13-14 (%)	Year 14-15 (%)	Year 15-16 (%)	Year 16-17 (%)
College result	83.33	84.89	71.42	95
University result	83	89	74	90.46



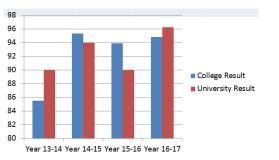
E&TC Engg.

	Year13-14 (%)	Year 14-15 (%)	Year 15-16 (%)	Year 16-17 (%)
College result	85.21	82.37	71.42	92
University result	89	91	85	95.23



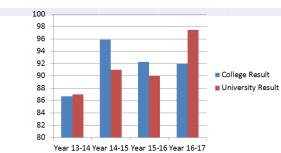
IT Engg.

	Year13-14 (%)	Year 14-15 (%)	Year 15-16 (%)	Year 16-17 (%)
College result	85.50	95.31	93.90	94.80
University result	90	94	90	96.22



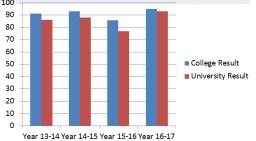
COMP Engg.

	Year13-14 (%)	Year 14-15 (%)	Year 15-16 (%)	Year 16-17 (%)
College result	86.71	95.86	92.25	92
University result	87	91	90	97.46



CIVIL Engg.

	Year13-14 (%)	Year 14-15 (%)	Year 15-16 (%)	Year 16-17 (%)		
College result	91.2	93.08	85.8	94.82		
University result	86	88	77	93.08		
100						



Maximum students are in the range of first class and distinction indicating best results.

Dept	2013-14		2014	-15	2015-16 201		2016	-17
	Dist	Ist Class	Dist	Ist Class	Dist	Ist Class	Dist	I st Class
Mech	64	48	76	41	71	86	115	53
Civil	14	31	49	59	79	56	135	43
E & TC	28	74	28	67	59	72	92	46
Comp	35	57	52	80	59	74	80	49
IT	20	32	25	35	61	16	56	17
MBA	2	24	6	28	9	31	10	39

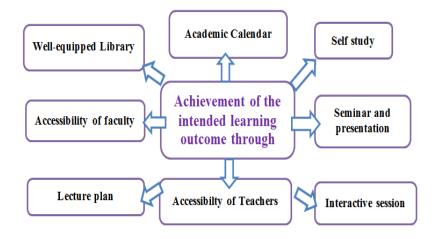
2.6.3 How are the teaching, learning and assessment strategies of the institution structured to facilitate the achievement of the intended learning outcomes?

Learning outcome for overall development of students are achieved through: Soft Skill Training, Self-Learning / Content beyond syllabus. The details are given below

- Qualified, experienced, subject specialized staff is recruited.
- Every faculty prepares teaching plans based on the SPPU curriculum.
- Additional practical considering the subject requirement are conducted.
- Monthly class tests are conducted to check the students 'progress.
- Competitive exam cell provides guidance for GATE, GRE, and Civil Services Exams (Like MPSC, UPSC, etc)
- Students are encouraged for rural based and social need based projects.
 Institute motivates students to participate in national level project competitions such as Avishkar, Dipex, Baja and Shrujan organized by other institutes and the Universities.
- To meet the outcomes, guest and expert lectures are organized for critical subject and current trends in technology.

Assessment strategies:

The Institute facilitates the achievement of the intended learning outcomes through



Teaching, learning and assessment strategies

2.6.4 What are the measures/initiatives taken up by the institution to enhance the social and economic relevance (student placements, entrepreneurship, innovation and research aptitude developed among students etc.) of the courses offered?

Career guidance by various experts and Techmeet events

Social and economic relevance

Institute conducts:

- Soft Skill training,
- GATE Coaching,
- Personality development programs,
- Campus drives,

Percentage of Students Placed through Campus Placement

Sr.	Department Percentage of students placed on Campus					npus
No	No (Engineering)		2013- 14	2014- 15	2015- 16	2016- 17
1	Computer Engineering	11.59	10.74	28.77	37.5	25.0
2	Information Tech.	10.76	1.44	6.25	60.97	40.0
3	E & TC Engineering	2.50	7.00	12.30	28.57	12.0
5	Mechanical Engineering	17.5	6.60	9.50	30.35	13.18
6	Civil Engineering	47.43	2.40	7.90	4.30	10.00
7	MBA	55.76	56.36	66.67	65.11	53.33

Entrepreneurship and innovation

Institute has taken following measures to instill entrepreneurial spirit among the students

- Institute has established an Entrepreneurship Development Cell (EDC).
- Expert lectures of successful entrepreneurs are organized.
- Seminars / workshops on entrepreneurship are organized.

To develop research aptitude

- Students are encouraged to undertake rural based and social need based projects. Institute motivates students to participate in national level project competitions such as Avishkar, Dipex, Baja and Shrujan organized by other institutes and the Universities.
- The projects are exhibited in the project competition and most innovative projects are awarded in order to encourage the creativity and innovation of the students.
- Students are encouraged to use resources in library for research like digital library to improve their research aptitude.
- Students are encouraged to attend seminars / workshops / symposiums to share and express their innovative ideas. Registration / publication fees, TA/DA is provided to the students.

For social relevance Institute takes following steps

- Visits to orphanages, blind schools, old age homes, and differently abled children schools, places of historical and cultural importance through various clubs instituted at the Institute.
- Students and faculty give donations to such schools.
- Social camps organized by National Service Scheme under the SPPU.
- Social drives are arranged for motivating the people about cleanliness, water saving, energy saving etc.

2.6.5 How does the institution collect and analyze data on student performance and learning outcomes and use it for planning and overcoming barriers of learning?

Process to collect and analyze data on student learning outcomes is as given below:

• Continuous evaluation comprising of examination, assignments, group discussions, and quiz are conducted regularly as a part of teaching process.

- Tutorials, laboratory work assessment and mock orals are conducted.
- Seminar presentation is also used as a method to analyze the students learning outcome.
- Analysis of university results is done to evaluate the student's performance.
- Feedback from various stakeholders is taken.

Few of the barriers of learning are analyzed as follows

- Communication skills
- Low confidence
- Economic background
- Issues with family and social support.
- Physical health concern

Institute has taken following steps to overcome barriers of learning outcomes

- Providing English language training through various soft skill courses and Language laboratory.
- Providing question bank.
- Timely redressal of student's grievances.
- Instructing students strictly about attendance limit.
- Remedial classes for slow learners.
- The periodic peer evaluation of teachers helps in the improvement of learning outcome.
- Based on the result analysis and feedback from the students precautionary
 measures are taken such as corrective measures are suggested to the faculty
 for their performance improvement.

2.6.6 How does the institution monitor and ensure the achievement of learning outcomes?

Institute monitors and ensures the achievement of learning outcomes through the following measures

Monitoring

- HOD forms committee at the department to monitor the achievement of learning outcomes.
- Periodic meetings comprising of the discussions of curriculum completed.
- Discussion of the overall response of the students in the regular assessments

during teaching.

- Organize class tests, mock orals, and online mock tests on the notified dates.
- Checking of the assignments, tutorials and tests in a short duration of time and display of the marks for further action.
- Assessment of project work and presentations is done periodically.

Ensuring the achievement of learning outcomes

- Class tests, mock orals, online mock tests are taken on the notified dates and the students are given feedback of their performance with proper tips to help them improve.
- Conducting remedial classes.
- Providing relevant study materials.

Institute develops content delivery methods that are aligned with intended program outcomes which help to achieve the specified learning outcomes.

2.6.7 Does the institution and individual teachers use assessment / evaluation outcomes as an indicator for evaluating student performance, achievement of learning objectives and planning? If 'yes' provide details on the process and cite a few examples.

Yes, the Institute and individual teachers use assessment/evaluation outcomes as an indicator for evaluating student performance, achievement of learning objectives and planning. Following are the indicators for evaluating student performance.



- The overall performance, regularity and sincerity of the students matters as an indicator for evaluating student performance, achievement of learning objectives and planning.
- The individual teachers use the result of class tests and University examination as indicator of student's performance. Slow learners are identified and extra classes are organized for them.
- Institute also uses placement record as indicator of student's performance.

 Institute / individual teachers use assessment / evaluation outcomes for better planning, up gradation of teaching methods and procurement of requisite study materials.

Some of Top Alumni:

Sr. No.	Name of Alumni	Year of passing	Designation	Company Name
1	Vivian Singh	1996 President &	Strontium Tecnologies Pvt.	
1	Vivian Singii	1990	CEO	Ltd, Singapore
2	Akash Khurana	1996	CDO	Mc-Dermott, USA
3	Vandana Jha	2005	Fellowship	NASA, USA
4	Satish Rao	1998	Scientist 'F'	ISRO, India
				Micro Embedded
5	Dipak M.Ghule	1991	Director	Technologies
				Aundh, Pune-411007
				PMI Associates,
6	Sandeep Sharma	1992	Director	114, G.H-3, Paschim Vihar,
U	Sandeep Sharma	1992		Milap Apartments, New
				Delhi - 110063
7	Jitendra Nene	1992	Director	CAB CRAZY
8	Tom Joseph	2003	Director	E-Maximus solutions
9	Manoj Kudale	1992	Director	Baleshhwari, Kopargaon
10	Nitin Bagrecha	1992	Director	Hem Infotech, Kopargaon
11	Jondhale Deepak	1993	Director	Devsree Enggg Services
11	Johanaic Deepak	1773	Director	Nasik
12	Pravin Raina	1993	Self	
12	Travili Kailla	1773	Employed	
13	Vaibav Ghugari	1993	Director	Sai Distributers
	Navdeep Singh			Deep Engineers & Co
14	Sindhu Singh	2001	Director	35,SMIE,phase 1, Mathura
	Siliuliu			Road, Faridabad
15	Salil Akkadan	2000	Director	Hopright

Self Study	Report	[SSR]
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CRITERION-III

RESEARCH CONSULTANCY AND EXTENSION



Self Study	Report	SSR
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CRITERION III:

RESEARCH, CONSUTANCY AND EXTENSION

3.1 Promotion of Research

3.1.1. Does the institute have recognized research center/s of the affiliating University or any other agency / organization?

Yes, the Institute has recognized research centers in three departments, affiliated to Savitribai Phule Pune University, Pune. The recognitions of these centers are as follows.

Sr.No.	Department	Affiliation Details
1	Electronics & Telec.	Ref. No.: CA/2604 Date:20/8/2013
	Engineering	
2	Mechanical	Ref. No.: CA/3076 Date:24/8/2015
	Engineering	
3	Civil Engineering	Ref. No.: CA/3076 Date:24/8/2015

3.1.2. Does the institute 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.

Yes, the Institute has a structured research committee work under **Lead Research** to monitor and address the issues of research. The research committee promotes research work, implements the research policies as prescribed by SPPU and develops collaborations with various organizations. The composition of the Research committee as below:

Sr.No.	Name of the Member	Committee Designation	Department
1	Dr.A.S. Sayyad	Head	Civil Engineering Department
2	Prof.S.M.Ghumare	Member	Civil Engineering Department
3	Dr.A.V. Damale	Member	Mechanical Engineering Department.
4	Prof.M.A.Sayyad	Member	Electronics & Tele. Engineering
5	Dr.M.A.Jawale	Member	Information Technology
6	Prof. P.S.Kawale	Member	Master of Business Administration
7	Prof.S.S.Shaikh	Member	Computer Engineering Department

Major recommendation/responsibilities of the Lead Research are as follows;

- Faculty and student development with respect to training need and arranging the same.
- Industry Institute Linkages, Collaborative Research, Entrepreneurship and incubation centers.
- Motivates faculty to develop project and write projects reports.
- To monitor the effective utilization of funds of externally funded projects.
- Facilitate the consultancy work in the institution.
- Shall maintain and update the records of Research Publications.
- To ensure sponsoring of faculty for attending conferences /seminar/workshops as per institute norms.
- To formulate policy for consultancy projects.

Objectives:

The basic objective of lead search is that teaching and research must remain equally vital and important elements in the shaping of an academic institution. Other objectives of lead research are as follows;

- 1. Stimulating and enhancing the research ability and potential of faculty and students who have the interest and aptitude to carry out innovative research.
- 2. To enhance the quality of research publications of faculty and students.
- 3. To enhance the interaction between the institute and industry for solving technical problems in the broad field of engineering disciplines.
- 4. To encourage consultancy work by faculty members.
- 5. To enhance the sponsored research projects of government agencies such as DST, DSIR, DRDO etc.

The major outcomes of the R & D promotion are;

- From year 2011-12 to 2014-16 significant increase in project grants. The institute has received a total of Rs. 29,45,000/- (Rs. Twenty nine lakhs forty five thousand). Funding proposals from various departments for total Rs.24, 20,000/- (Rs.Twenty four lakhs twenty thousand) are submitted in 2015. Funding from various agencies like Department of Science & Technology (DST), Board of College & University Development (BCUD), and All India Council for Technical Education (AICTE) during last 4 years.
- Principal investigators are provided with necessary infrastructural facility and autonomy.
- National and International Seminars/conferences/workshops related to research are conducted on regular basis.
- Every department has MoUs with industries and research organizations
- Laboratories are modernized with additional latest equipment, experimental setups and software to promote research activity in the campus.

- Considerable increase in number of industry sponsored projects by students.
- Substantial boost in publications of faculty and students in reputed journals.
- Equipment/machinery purchased under funded projects. The detail list and description of equipment/machinery along with grant obtained in last four years are explained in successive points.

3.1.3. What are the measures taken by the institute to facilitate smooth progress and implementation of research schemes/ projects?

The research committee regularly and periodically monitors, motivates and ensures that the research activities are implemented in time. Along with this, following measures are incorporated to facilitate smooth progress of research work:

- The Principal investigators are given full autonomy for selection and implementation of the research project.
- Institute has the mechanism for the release of funds and monitors the same through a dedicated team of the accounts department of the Institute.
- Institute has provided research laboratories equipped with latest technologies. The facilities are open beyond normal working hours.
- To motivate faculty for publishing papers in journals, for attending national /international conferences/ seminars/ workshops/ STTP, research and development, institute provides the financial support in term of registration fees, traveling allowances and dearness allowances (TA/DA) and special leave.
- Institute has upgraded the library by enhancing digital library, hand books, reference books, e-journals and material related to research to boost the research environment and interest amongst the teachers and students.
- Institute carries out internal and external audit of funds provided by various funding agencies on regular basis. A utilization certificate is thereby provided.
- Institute invites scientists and reputed researchers to share their experiences which enhance the research awareness in the campus.

3.1.4. What are the efforts made by the institution in developing scientific temper and research culture and aptitude among students?

- The institute organizes annual national level mega technical event for the students. The event includes technical paper presentation, project exhibition, coding competition, quizzes, technical games, aptitude test and robotics competition to develop scientific temper and research culture in students.
- The institute sponsors the students for attending project and paper presentation, science exhibition, seminars, workshops, and other technical events.
- Students are also motivated to participate in inter college / university level competitions like project competition (*Avishkar*, *DIPEX*) and PGCON (conference for PG students).

- The institute gives recognition for student innovations.
- The institute encourages students to attend research webinars.
- The institute has digital library for students which has on line research journals along with e-books.
- Institute has Students 'chapters of IEEE, CSI and ISTE through which various technical programs such as expert lectures of renowned scientists, workshops and technical fest are organized.
- Institute invites industry experts and Alumni for conducting guest lectures for students. This helps to develop scientific temper and research culture among students.

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.)

Faculty members are actively involved in a number of research related activities in industries, research organizations and in and around the Institute, various other research centres of SPPU.Details of the major research activities are listed below.

Guiding Research Scholars:

- Experienced faculty members of the Institute are guiding the student research activities
- Faculty guides the UG and PG students for seminars, projects and technical papers.
- The institute has recognized Ph.D. guides.
- Faculty gets the research projects funding from University and AICTE. It involves students in research projects.
- Faculty and students are associated with industry sponsored projects.

List of Ph.D scholars with their guides;

Sr.No	Ph.D.Scholar	Guide
1	Mr.N.S.Naik	Dr.A.S.Sayyad
2	Mr.S.M.Ghumare	Dr.A.S.Sayyad
3	Mr.Rohit Nikam	Dr.A.S.Sayyad
4	Mr.K.N.Wakchoure	Dr.A.G.Thakur
5	Mr.S.R.Thorat	Dr.A.G.Thakur
6	Mr.D.P.Bhaskar	Dr.A.G.Thakur
7	Mr.P.W.Ingle	Dr.A.G.Thakur
8	Mr.D.G.Lokhande	Dr.D.N.Kyatanvar
9	Mr.M.A.Sayyad	Dr.D.N.Kyatanvar
10	Mr.N.Y.Siddiqui	Dr.A.K.Kureshi
11	Mr.M.P.Dongare	Dr.R.S.Deshpande
12	Mr.S.R.Jondhale	Dr.R.S.Deshpande

Faculty engaged in individual/ collaborative research activities;

- 1. Faculty regularly presents research papers in conferences and journals. Some of the faculty got prizes for their individual research.
- 2. Faculties from all departments are engaged in research activities through funding agency like BCUD, Savitribai Phule Pune University, Pune. List of BCUD, Research projects is separately mentioned in point no. 3.2.7

Leading research projects

- 1. Developments various research projects are going on in institute in all departments. These all projects are fetching the high grant from funding agencies.
- 2. Some of the leading projects are;
 - Development of Magneto Rheological Brake for two wheeler.
 - Experimental and Investigation of Influence of tool geometry on mechanical properties of friction stir welded joint.
 - Image Processing on Mobile Platform for application of OCR.
 - Development of Automated Public Opinion Mining System to Enhance Citizen Participation in the eGovernment for Governmental Decisions.
 - Role of Co-operative Milk Unions in Economic development of Milk producers in Kopargaon and Sangamner Taluka.
 - Face Name Graph matching Framework for movie character identification.
 - Optimization of heat balance in resistance spot welding and improvement of fatigue life of welded joint.
 - Street Electronic Light.
 - Electrostatic Sprayer.
 - Development of Automated Public Opinion Mining System to Enhance Citizen Participation in the eGovernment for Governmental Decisions.
 - Design and development of braking system for tyred wheel bullock cart.
 - Development of Magneto -Rheological (MR) Brake for two wheeler.
 - Experimental investigation of influence of tool geometry on mechanical properties of friction stir welded joint.

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.

Institute constantly organizes various programmes to imbibe research culture at the Institute.

Training /Sensitization program organized by institute for faculty are given below.

- Mission 10x by Wipro
- FDP by APART

Workshops/ training programmes/ sensitization programmes conducted / organized by the Institute for faculty members:

Sr.No. Department		Conference		Workshop	Training /Sensitization
		International	National		Programs
	Electronic &				
1	Telecommunication	01	-	01	-
	Engineering				
2	Civil Engineering	-	-	03	01
3	Master of Business	01	01	-	-
3	Administration	01			
4	Computer	-	02	07	-
4	Engineering				
5	Mechanical		_	10	06
	Engineering	-	_		
6	Information			02	01
	Technology	-	_	02	01
	Total	02	03	23	08

Workshops/ training programmes/ sensitization programmes conducted / organized by the Institute for students;

Sr.No.	Department	Workshop	Training /Sensitization Programs	Expert Lecture
1	Electronic & Telecommunication Engineering	19	-	15
2	Civil Engineering	06	01	21
3	Master of Business Administration	03	07	29
4	Computer Engineering	10	04	27
5	Mechanical Engineering	12	-	09
6	Information Technology	03	10	08
	Total	53	22	109

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

All departments are strengthened with qualified and experienced faculty. Based on the research specializations, research groups or individuals take up projects and publish papers in reputed journals and conferences.

The research areas and the respective faculty expertise are shown in following table.

Sr. No.	Prioritized research areas	Expert Faculty available		
Departn	Department of Electronics and Telecommunication Engineering			
1	Communication	Dr. D. N. Kyatanavar		
2	Neural network and fuzzy logic	Dr. B. S. Agarkar		
3	Communication	Prof. R. G. Zope		
4	Sugar Factory Instrumentation	Prof. S. George		
5	Image Processing	Prof. N. D. Kapale		
6	Wireless sensor network	Prof. N. Y. Siddiqui		
7	Mobile communication	Prof. D. G. Lokhande		
8	VLSI Design	Prof. M. A. Sayyad		
9	Image processing & Pattern Recognition	Prof.K. S. Sharma		
10	Image processing	Prof. P. M. Vibhute		
11	Communication	Prof. S. V. Choudhari		
Departn	nent of Civil Engineering			
	English was at 1 English single	Dr. M. V. Jadhav,		
12	Environmental Engineering	Prof. V. V. Sasane,		
		Prof. S. R. Korake,		
		Dr. A. S. Sayyad,		
13	Structural Engineering	Dr. S. V. Patankar,		
		Prof. N. S. Naik,		
		Prof. S. M. Ghumare,		
14	Transportation Engineering	Prof. B. S. V. Murthy,		
		Prof. Manjiunath		
15	Geotechical Engineering	Dr. M. S. Purkar,		
		Prof. Vishweshwaran M		
16	Water Resource Engineering	Dr. C. L. Jejurkar		
17	Engineering Geology	Prof. A. V. Deshpande,		
MBA Department				
	Human Resource Management	Dr.B.M. Londhe		
18	Transaction Management	Prof.Y.L. Aher		
1.0	Marketing management	Dr.V.R. Malkar		
19	Transcring management	Prof.A.R. Jaswal		
20	Finance management	Dr.V.M. Tidke		
20	1 manos managoment	Dr. M.S. Bhayani		
l		•		

		Prof.P.S. Kawle			
21	Operation management	Prof.S.G.Patil			
Departm	Department of Computer Engineering				
1	Frank S	Dr. D.B.Kshirsagar,			
		Prof. P.N.Kalavadekar,			
		Prof. P.B.Landge,			
22	Image Processing	Prof. S.S.Deore,			
		Prof J.N.Kale,			
		Prof. V.N.Nirgude			
		Prof. P.N.Kalavadekar,			
		Dr. A.B.Pawar			
		Prof. B.J.Dange,			
		Prof. S.A.Shivarkar,			
		Prof S.R.Deshmukh,			
23	Network Security	Prof. A.Vinaykumar,			
23		Prof. P. Saiprasad,			
		Prof. T. Bhaskar,			
		Prof. G.Madhukar Rao,			
		Prof. A.S. Bodhe,			
		Prof.S.A.Dongare			
	System Software, Compilers,				
24	Watermarking Of Relational Database	Prof. N.G.Pardeshi			
		Dr. A.B.Pawar,			
		Prof. M.S.Ankoshe,			
~~	Data Mining	Prof. B.J.Dange,			
25	Juli Mining	Prof S.S.Shaikh,			
		Prof S.R.Deshmukh,			
		Prof. P. Saiprasad			
26	Distributed OS, Operating System	Prof. A.V.Brahmne,			
26	The state of the s	Prof. M.A. Sale			
		Prof. M.S.Ankoshe,			
	Data Structure, Design And Analysis Of	Prof. P.B.Landge,			
27	Algorithm	Prof. A.A.Muzumdar,			
		Prof. V.N.Nirgude			
		Prof.A.S.Bodhe			
28	Database System	Prof. B.J.Dange,			
20		Prof S.S.Shaikh			
	Commilers	Prof.N.G.Pardeshi			
29	Compilers	Prof. C.V.Longani,			
		Prof.S.N.Gunjal			
		Prof S.S.Shaikh,			
30	Software Engineering	Prof. S.A.Shivarkar,			
		Prof. Mohapatra H.			
		Prof. T. Ravi Kumar			

2.1	Digital Signal Processing	Dr. D.B. Kshirsagar
31	Digital Digital Floodsom	Prof. S.A.Shivarkar
		Prof J.N.Kale,
20	Microprocessor Techniques, Digital	Prof.C.V.Longani,
32	Electronics	Prof.S.S.Deore,
		Prof.A.A.Muzumdar
		Prof. A.A.Muzumdar,
33	Mobile Computing	Prof.T.Ravikumar,
		Prof. G.Madhukar Rao
Departm	nent of Mechanical Engineering	
		Prof.S.V.Bhaskar,
34	Design Engineering	Prof.L.S.Dhamande, Prof.P.M.Patare,
		Prof.K.C.Bhosale
		Dr.S.S.Ingle,
35	Thermal Engineering/Heat Power	Prof.A.T.Talware,
	Thermal Engineering Treat 1 6 wer	Prof.P.W.Ingle,
		Dr.A.G.Thakur,
36	Manufacturing/production Engineering	Dr.A.V.Damale,
	wianuracturing/production Engineering	Prof.D.P.Bhaskar
		Prof.H.D.Gurav, Prof.B.D.Deshmukh,
37	Automobile Engineering	1 Tot.11.D.Gurav, 1 Tot.B.D.Desimiukii,
Denartr	nent of Information Technology	
_	Speech Signal Processing	
38	Speech Signal Processing	Prof.A.A.Barbind
39	Opinion mining	Dr.M.A.Jawale
40	Image Processing, Big data	Prof.R.N.Kankrale
41	Image Processing, Pattern recognition	Prof.D.P.Bhamare
42	Soft Computing , data mining	Prof.R.D.Chintamani
	GL 1G	D CMD C "
43	Cloud Computing	Prof.M.D.Gawali
44	Data Security	Prof.R.R.Nikam
44	<u> </u>	
45	Big Data	Prof.S.T.Kolhe
46	Data mining	Prof.Y.S.Deshmukh
47	Image Processing	Prof.K.D.Patil
48	Data mining	Prof.N.S.Patankar
49	Network Security	Prof.C.D.Bawankar
47	•	
50	Embedded System	Prof.Madhuri Unde
51	Cloud Computing	Prof.S.Kausalya

3.1.8. Enumerate the efforts of the institution in attracting researchers of eminence to visit the campus and interact with teachers and students

- The Institute organizes the series of guest lecturers under the banner of "Tech-Horizon" where eminent personalities like CEO, MD of reputed organizations are called and shared their ideas, views, and experience with Faculty.
- Institute allows Faculty to visit the industries. As a outcome of this visit eminent personalities from reputed industries visiting the institute, conducting the training session for faculty and students, gives the expert talk to faculty and students.
- The Institute organizes various programmes in thrust areas where eminent personalities/scientists/professors are invited as keynote speakers or resource person.
- National and International conferences are conducted and researchers from various fields visit the campus and interact with teachers and students through these conferences. The researchers, scientists, industry persons are invited as key note speakers and resource persons.
- Students and faculty members are encouraged to directly visit the industries, research organizations and interact with the eminent persons related to the funded projects.

3.1.9. What percentage of the faculty has utilized Sabbatical Leave for research activities? How has the provision contributed to improve the quality of research and imbibe research culture on the campus?

Institute offers special leave facility ,many faculty members have availed special leave for their research work.

Faculty members pursuing PG, Ph. D and research projects are given study leave to complete research work, also Institute provides special leave to faculty members for participating and presenting papers at national and international seminars, conferences and for attending workshops.

Faculty utilizes special leaves for the following purpose.

- To attend conferences/seminars
- To attend hands-on training in reputed organizations.
- To deliver guest lectures.
- For completion of PG / Ph.D. programme
- MoUs with the industries

All these can be utilized by the faculty to complete their funded projects as well as their individual research work.

3.1.10. Provide details of the initiatives taken up by the institution in creating awareness/advocating/ transfer of relative findings of research of the institution and elsewhere to students and community (lab to land).

- Institute level Research Forum is available.
- Institute is having a Lead Research.
- Each department is involved in research activities. Interested faculty members are motivated and encouraged to work in research cell.
- Initiatives through various programs like expert lectures, workshops and seminars are taken up at the Institute to create awareness amongst the students.
- Institute provides financial support for publication in reputed journal and filing patents.
- Institute organizes technical events, exhibitions and competitions where industry experts and society representatives are invited to showcase the findings of research.
- Students are motivated and guided to undertake projects of real time problem.

Following are some of the lab to land projects

Sr.No.	Name of the projects implemented in practice/Awareness program	Department	Faculty Involved
1	Electrostatic Sprayer	Electronic & Telecommunication Engineering	Dr.D.N.Kyatanvar, Dr.B.S.Agarkar Prof. S. George, Prof. A. A. Kondekar Prof. N. I. Bhopale , Mr. D.V. Gawali (TA)
2	Automatic Street Light Control	Electronic & Telecommunication Engineering	Dr.D.N.Kyatanvar, Dr.B.S.Agarkar Prof. P. S. Kurhe, Prof. K. V. Karad,
3	Study of Water less composting Toilet	Civil Engineering	Dr. M. V.Jadhav Prof. C. L. Jejurkar
4	Light Translucent Concrete	Civil Engineering	Prof. S. R. Nawale
5	Traffic Control and management in Shirdi	Civil Engineering	Prof. B. S. V. Murthy
6	Artificial sand as a replacement for natural sand	Civil Engineering	Prof. B. R. Patare
7	Use of waste tyre as aggregates in concrete	Civil Engineering	Prof. S. M. Gunjal
8	The Use of Superabsorbent Polymer to Reduce Cracking	Civil Engineering	Dr. S. V. Patankar
9	Rainfall Simulator- An Investigational Approach in soil Erosion	Civil Engineering	Prof. C. L. Jejurkar
10	Design of RWH Scheme for SRES Campus	Civil Engineering	Prof.S.M.Gunjal

11	Herbal Defluoridation – A	Civil Engineering	Prof. V. V. Sasane
11	Solution for Rural India	Civil Engineering	Prof. v. v. Sasane
12	Use of Sea sand as a Fine	Civil Engineering	Dr. S. V. Patankar
12	Aggregate in concrete	CIVII Eliginioring	Di. S. V. Futumtur
13	Reuse of construction and	Civil Engineering	Prof. S. T. Sasane
	Demolition waste		
14	Sugarcane Bagasse in	Civil Engineering	Dr. S. V. Patankar
	Concrete		
15	Library Management for	Information	Prof. A.A. Barbind
	BEd	Technology	Prof. Y.S. Deshmukh
	College		
16	e-Tahsil Application	Information	Prof. M.B. Gawali
		Technology	Mr. YoeshShirsath
17	Workshop on "Cyber	Information	Prof. N.S. Patankar
	Secured Digital India for	Technology	Prof. G.N. Jorvekar
10	Women's Safety "	Commenter Francisco	D. A. D. D.
18 19	Hostel Management system	Computer Engineering	Dr.A.B.Pawar Dr.A.B.Pawar
19	Website development ssgmcollege.org	Computer Engineering	DI.A.D.Pawaf
20	Mahajan Chatali S.	Pedal Operated	Dr. A. G. Thakur
20	Naygavankar Surbhi S.	Washing Machine	Dr. A. G. Tilakui
	Palve Samrudhi S.	washing wachine	
	Pokale Shilpa D.		
21	Kankrale Swapnil B.	Development of	Prof S V Bhaskar
	Girame Hrushikesh R.	Multipurpose Seed	
	Joshi Kaustubh P.	Plantation Machine	
	Bothe Snehal P.		
22	Davangave Sangram M.	Manually Operated	Prof S V Bhaskar
	Patil Prasad	Fertilizer Feeding	
	Ratnaparkhi Parikshit	Machine for Equi-	
	Raut Ankush	spaced Plants	
23	Lohade Jayesh	Design and Fabrication	Prof S V Bhaskar
	Nagpure Sameer	of Maize Cutter	
	Pakhale Priyanka		
2.4	Rahinj Ganesh	D ' 1D1' '	D C C V DI 1
24	Sanap Sanip	Design and Fabrication	Prof. S V Bhaskar
	Shinde Kiran Sonawane Atul	of Soyabeen Cutter	
		(Manually Operated Soyabeen Plant Cutting	
	Deep Surve	Machine)	
25	Shinde Dhananjay S.	Design and Fabrication	Prof. D P Bhaskar
	Salunke Ajinkya P.	of Sprayer cum	1101. DI DIMUNAI
	Puranik Tushar S.	Fertilizer Spreader	
		Cycle	
26	Pulate Deepali	Design And Fabrication	Prof. D P Bhaskar
	Joshi Prasad	of Coconut Dehusker	
	Deshmukh Ritesh		
	Joshi Rushikesh		
27	Watte Abhilash B.	Performance Analysis	Prof. A. V. Damale
	Zambare Dnayandeep R.	of Brakes of Bullock	
	Wagh Digambar K.	Cart	
	Bolij J. V.		

28	Lande Pramod S.	Design and	Prof B.D. Deshmukh
	Kulkarni Vaibhav R.	Development of Small	
	Nandre R. N.	Scale Seed Feeding	
	Zure Ashish W.	Machine	
29	Kulkarni Radhika R.	Design Analysis And	Prof. V. J. Suryawanshi
	Naik Pooja Sanjay	Automation of Bunding	
	Ranmal Aarti Dattatray	Machine.	
	Naik Atul Shankarrao		

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 for last four years.

Sr.N	Particular	2013-2014		2014-2015		2015-2016		2016-2017	
0.	s	Budget	Expenses	Budget	Expenses	Budget	Expenses	Budget	Expenses
		(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)	(Rs.)
A	Capital	1244400	1086869	1393300	1332217	1841800	1434317	1455300	1658307
	Resource	0	8	0	2	0	3	0	0
	Budget								
В	Operation	1867570	1920201	2187590	2226558	2601680	2340321	2270960	2567727
	al Budget	00	89	00	66	00	12	00	61
C	R&D	0	1551473	0	1368896	0	368324	0	1082711
	Budget								
D	Budget for	6048000	4068027	6440000	6178379	6153000	5899053	1520000	184460
	Maintenan								
	ce								
E	Budget for	1226000	2058713	1897000	2099024	2089000	2399412	1542000	1620137
	Consumab								
	le								

Sanctioned Budget

Sr.No.	Financial Year	Department	Laboratory Consumable Recurring (Lakhs Rs.)	Laboratory Repairs maintenance (Lakhs Rs.)	Laboratory Equipment Non recurring (Lakhs Rs.)
	2013-2014	Electronic and Telecommunication	3.37	2.50	20.25
		Mechanical Engineering	2.78	3.27	21.50
		Computer Engineering	3.00	4.50	18.50
1		Civil Engineering	0.71	0.96	21.50
		Information Technology	1.25	2.35	8.00
		Science	0.90	0.70	3.00
		MBA	0.00	0.60	2.57

		Electronic and Telecommunication	3.21	2.20	23.77
		Mechanical Engineering	2.82	4.98	28.70
2	2014-2015	Computer Engineering	4.50	4.50	22.00
		Civil Engineering	0.94	1.82	20.75
		Information Technology	1.50	2.50	8.00
		Science	1.50	0.60	3.00
		MBA	2.50	0.50	1.96
	2015-2016	E and Tele. Engg	3.47	2.46	40.50
		Mechanical Engineering	6.70	1.40	19.75
		Computer Engg	3.50	3.50	28.00
3		Civil Engineering	1.22	1.62	41.97
		Information Technology	1.35	1.85	9.00
		Science	1.15	0.45	3.00
		MBA	2.50	0.60	2.51
		E and Tele. Engg	2.54	3.04	20.50
		Mechanical Engineering	3.12	3.30	18.75
		Computer Engg	2.00	3.00	25.00
4	2016-2017	Civil Engineering	0.76	0.71	30.20
		Information Technology	1.30	1.95	12.50
		Science	1.00	0.45	2.00
		MBA	2.60	0.70	2.80

Institute has a financial provision for research in the annual budget. A specific budget of Rs 20 lakhs is earmarked for each department in the annual budget for research. These funds are utilized for high end equipment, internet facility and e-journals as per the demand of the research scholars. Registration fees for participating in conferences and workshops. Moreover for vital expenditure, additional provision is accommodated. **Resources for Research**

Department	Year	Equipment /Software	Cost(Rs)	
Electronic and Telec. Engg	2013-2014	MATLAB Software	8,27,799.00	
Electronic and Telec. Engg.	2012-2013	Dsp Tmdsvdp6437 Kit	1,05,000.00	
Electronic and Telec. Engg.	2014-2015	TMS320C6713 DSP Starter kit	78,750.00	
Civil Engineering	2015-2016	Library E -Sources	8,51,851.00	
		Surveying Lab. Equipment	7,54,661.00	
Civil Engineering	2014-2015	Golden Surfer Software	1,99,972.00	
Civil Engineering	2014-2013	R Cube Concrete Mix	27,090.00	
		Design Software	27,090.00	
		Library E -Sources	6,96,875.00	

		Environmental		
		Engineering Equipment	3,15,485.00	
Civil Engineering	2013-2014	Surveying Lab.	2.27.116.00	
		Equipment	2,27,116.00	
		Library E -Sources	5,39,145.00	
		Computerized Universal		
		Testing Machine. Cap –	14,62,500.00	
		1000 KN.		
		Aimil Universal/Aimil		
Civil Engineering	2012-2013	Standard(Penetrometer,	44,346.0	
		Tar viscometer)		
		Water treatment plant	32,400.00	
		software	32,400.00	
		Library E –Sources	5,88,921.00	
		IBM SPSS statistics	102004.00	
Master of Business		base 23.0		
Administration	2014-2015	IBM SPSS Regression	56644.00	
rammstation		IBM SPSS Data	43602.00	
		preparation	13002.00	
		Zotec Nvidia 750		
		Graphics Controller	43,500.00	
	2015-2016	with computing		
		processing tools Make	,	
Information		/Model Zotec Nvidia		
Technology		750		
		Cluster Node with i5		
		graphic processing unit,	49,500.00	
		@ 1600 processing	,	
		speed Make Intel Wireless Router,		
		Switch, Ext. HDD	18,900.00	
Computer	2012 2015	,		
Engineering	2013-2015	Testing Tools,	14 175 00	
		Networking Element Hub	14,175.00	
Commuter		***		
Computer	2012-2013	DIG Camera & Accessories	19,500.00	
Engineering Computer		ACCESSUITES		
Engineering	2013-2014	Storage Device	5,775.00	
Computer				
Engineering	2015-2016	WSN Kit	24,937.00	
		Video Capturing		
Computer	2014-2016	Device,	19,800.00	
Engineering		Graphics Card Boards	13,000.00	
Computer	2014 2017		,	
Engineering	2014-2015	Beagle Bone Black	37,286.00	
Computer	2014 2015	Beagle Bone Black with	41 501 00	
Engineering	2014-2015	USB Webcam	41,501.00	
Computer	2015-2016	Beagle Bone Black &	46,310.00	

Engineering		Stepper Motor		
Mechanical	1999-2000	CATIA	50000.00	
Engineering	1999-2000	CATIA	30000.00	
Mechanical	2004-2005	ANSYS	2,20,000.00	
Engineering	2004-2003	ANSTS	2,20,000.00	
Mechanical	2014-2015	MATLAB	944257.00	
Engineering	2014-2013		744237.00	
Mechanical	1998-1999	Master Cam Software	2,00,000.00	
Engineering	1770-1777	ver.7.0	2,00,000.00	
Mechanical	2015-2016	Image analyser	126406.00	
Engineering	2013 2010		120100.00	
Mechanical	2015-2016	Fatigue Tasting	112500.00	
Engineering	2013 2010	Machine	112500.00	
Mechanical	2011-2012	Multi Channel Spectrum	10,99,400.00	
Engineering	2011 2012	Analyser (FFT)		
Mechanical	2008-2009	Pin on Disc Machine	4,60,000.00	
Engineering	2000 2003		.,00,000.00	
Mechanical	2015-2016	Techno meter &	39884.00	
Engineering	2010 2010	Thermo meter		
Mechanical		High temperature		
Engineering	1996-1997	furnace with silicon	2,35,710.00	
		graphite rods		
Mechanical	1996-1997	Eddy current non	1,91,808.00	
Engineering		destructive	, , , , , , , , , , , , , , , , , , ,	
Mechanical	1996-1997	Ultra sonic flow	2,03,229.00	
Engineering		detector (Gold type)		
Mechanical	1006100	High power inverted	1 07 070 00	
Engineering	1996-1997	metallurgical	1,95,358.00	
		microscope		
		Close circuit T. V.		
Mechanical	1005 1006	system with high	2 00 400 00	
Engineering	1995-1996	resolution C C D	2,00,499.00	
		Camera & 14" colour		
Mechanical		monitor Electrolytic poliching		
	1992-1993	Electrolytic polishing machine	82,080.00	
Engineering Mechanical		machine		
	1999-2000	Spark Erosion Machine	2,55,616 .00	
Engineering Mechanical		Portable Surface		
Engineering	2014-2015	Roughness Taster	233899.00	
Mechanical		Eddy Current		
Engineering	1997-1998	Dynamometer Dynamometer	2,73,000.00	
		Micro Processor Based		
Mechanical	1997-1998	Auto Exhaust Co/Hc	1,18,989.00	
Engineering	1777 1770	Auto Exhaust Co/HC 1,18,989.0 Analyzer		
Mechanical				
Engineering	1992-1993	V.C.R. Petrol Engine	2,70,000.00	
Mechanical				
Engineering	1998-1999	Smoke Meter	1,14,880.00	
Liiginooniig				

Mechanical Engineering	1 1995-1996 Cylinder Four Stroke		1,57,410.00
Mechanical Engineering	2013-2014	Floating Carriage Diameter Measuring Machine	15790781.00
Mechanical Engineering	1992-1993	Electrolytic polishing machine	82,080.00
Mechanical Engineering	1992-1993	Magnetic particle tester	58,480.00
Mechanical Engineering	1996-1997	Jominy hardness system with fixture mounting frame With furnace (900 0)	56,551.00
Mechanical Engineering	1999-2000	Abrasive heavy duty cut off machine with closed chamber	1,07,961.00
Mechanical Engineering	2004-2005	Epicyclic Gear Train to Measure the Torque.	69,750.00

3.2.2. Is there a provision in the institution to provide seed money to the faculty for research? If so, specify the amount disbursed and the percentage of the faculty that has availed the facility in the last four years?

Yes, Institute encourages research culture and provides financial assistance to faculty members for various research activities like registration fees for participating in Seminar, Workshops, STTP, FDP, National and International Conferences and for Online Certifications.

Many faculty members has availed the facility in the last four years. Collectively the total amount utilized in the last four years is as below;

2012-13	2013-14	2014-15	2015-16	2016-17
4,05,956.00	9,10,839.00	10,33,944.00	14,15,345.00	3,91,397

3.2.3 What are the financial provisions made available to support student research projects by students?

Following provisions are made by the Institute to support students' research.

- Institute provides equipment and components required for students in their research projects.
- Students are permitted to utilize all the research facilities to carry out research projects under the guidance of research guides beyond working hours also.

- The library resources are also made available to students during extended college hours.
- A separate financial provision is made by the Institute for students' projects based on requisition.
- Institute encourages the students to participate in various national /international conferences and project exhibition. The registration fees along with the TA &DA for the winning teams are paid by the Institute.

3.2.4 How does the various departments/units/staff of the institute interact in undertaking inter-disciplinary research? Cite examples of successful endeavors and challenges faced in organizing interdisciplinary research.

Institute recognizes the value of interdisciplinary research for its immediate benefits to researchers as well as for their diverse career paths. It also provides necessary skill sets that help engineers to cope up with the global changing environment. Hence, Institute encourages and facilitates interdisciplinary research activity. At the starting of the academic year, HoD's, senior faculty and project co-ordinator meet together and identify the interdisciplinary areas of research.

Some of the interdisciplinary projects carried out by the Institute are; Department of Electronic and Telecommunication developed three interdisciplinary project related to Electrical and Pharmacy institutes whereas Department of Computer Engineering are involved in some interdisciplinary projects. Such as the project entitled "Traffic Management Based on IoT"

3.2.5 How does the institution ensure optimal use of various equipment and research facilities of the institution by its staff and students?

The institute follows ISO 9001:2008 procedures and maintains the following documents/e-registers for optimal use of resources.

- Equipment history register, lab utilization register, equipment utilization- loan slip, printing register, sharing of major equipment among various departments, providing testing and consultancy in the form of design of structural elements, sharing of technical expertise, etc.
- Similar exercise is carried out for library resources as well.
- The major projects are divided in module and team leader is appointed to coordinate the project.
- Sharing of equipment and laboratories among various departments for the purpose of research activities is shown in following table.
- Library facilities and laboratories are made available to the researchers as per their needs on a flexible time schedule

Some of the laboratories and equipment shared in the Institute are given below:

Sr.No.	Laboratory	Facility available in	Facility availed by	
	name/equipment	the	the Department	
1	Microcontroller Lab	PC with Keil uvision4	Mechanical	
		Software,	Engineering	
		Microcontroller Kits		
2	Basic Electrical Lab	DC motors, 3 phase	Mechanical	
		induction motor	Engineering	
3	Basic Electrical Lab	AC and DC circuits,	All Departments	
		AC and DC Motors,		
		autotransformers		
4	Basic Electronics Lab	Electronics Components	All Departments	
		such as diode, BJT, OP-		
		amp, Digital Electronics		
		circuits such as		
		AND,OR, NOT,		
		NAND, NOR & EX-OR		
5	Strength of Materials	Civil Engineering	Mechanical	
			Engineering	
6	Fluid Mechanics	Civil Engineering	Mechanical	
			Engineering	
7	UTM Machine	Civil Engineering	Mechanical	
			Engineering	
8	Fluid Mechanics and	Mechanical Engineering	Civil Engineering	
	Machinery			

3.2.6 Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facility? If 'yes' give details

Yes, Institute has received special grants and finances from industries and other beneficiary agency for developing research facility. The details are given below:-

Sr.No.	Name of the	Facility	Year of	Details	Amount
	Industry/	Generated	Establ.		in Rs.
	Beneficiary				
	Agencies				
1	Texas	Center of	2017	Embedded	2.5 lakh
		Excellence		System Trainer	
				Kits	

Institute has received special grants, like MODROB from AICTE for the up-gradation of research facilities;

Sr.No.	Duration	Saction Letter No.	Scheme	Title of research/ Project (Up gradation of)	Department	Amount in Rs.
1	2010-11	8024/RID/BOR/MOD	MODROB	Modernization	Civil	5,50,000
	1 year		AICTE	of Structural	Engineering	
		Date 21/12/2009		Engineering		
				laboratory		

3.2.7 Enumerate the support provided to the faculty in securing research funds from various funding agencies, industry and other organizations. Provide details of ongoing and completed projects and grants received during the last four years.

Institute takes pro-active measures to help the interested faculty members to apply for research grants from different sponsoring agencies. Research methodology workshops are regularly conducted wherein separate sessions are arranged for writing research proposals.

Details of Research Project with the Grants							
Nature of Duration		Title of the project	Name of the	Total (Grant	Total grant	
the Project	Year From To		funding agency	Sanctin (Rs in lakhs)	Recd. (Rs in lakhs)	received (Rs in lakhs)	
Departm	ent of Ci	vil Engineering					
	2013-15	Experimental Investigation on Reinforced Geopolymer Deep Beam	BCUD SPPU, Pune	1.40	1.40	1.40	
	2013-15	River Water Quality Modeling: Godavari River		1.40	1.40	1.40	
Minor Project	2013-15	Study of Industrial Wastewater Treatment using Fluidized Bed Bioreactor	BCUD SPPU, Pune	1.40	1.40	1.40	
	2014-16		BCUD SPPU, Pune	1.20	0.60	0.60	
	2016-18	Strace Anaysis of FGM Plates Under Thermal Load	BCUD SPPU, Pune	1.10			
		NRCS-SCS method	BCUD	1.81			

	2016-18	of Runoff	SPPU, Pune			
	2010 10	Estimation Using				
		Rainfall Simulator				
		Modernization of	MODROB's	5.50	5.50	5.50
Major	2010		AICTE	3.30	3.30	3.30
Project	2010	Structural Engg.	MCTL			
		laboratory				
Departm	ent of El	ectronic and Tele				
3.6	2014.16	Image Processing	BCUD,	1.65		
Minor	2014-16		SPPU, Pune			
Project		for application of				
		OCR	DCLID	1.20	1.18	1.18
	2013-15	Implementation of FRS on Texas	BCUD, SPPU, Pune	1.30	1.18	1.18
	2013-13	DM6437 processor	SPPO, Pulle			
Donortm	ont of In		logy			
Departil		formation Technol Development of	nogy			
		Automated Public				
		Opinion Mining				
		System to Enhance	BCUD			
Minor	2014-16	Citizen Participation		1.10	1.10	1.10
		in the eGovernment				
		for Governmental				
		Decisions				
Departm	ent of MI	BA				
•		Role of Co-				
		operative Milk				
		Unions in Economic	BCUD			
	2013-15	development of	SPPU Pune	1.50	1.50	1.50
		milk producers in	STICIUM			
		Kopargaon and				
3.51		SangmanerTaluka				
Minor		Study of problems				
		and future prospects				
		in small scale food	BCIID			
	2013-15	processing industries with	BCUD SPPU Pune	1.60	1.60	1.60
		special reference to	SFF O Fulle			
		Ahmednagar district				
		Maharashtra, India				
Denartm	ent of Co	mputer Engineeri	'nσ			
2 cpai an		Development of	BCUD	0.90	0.90	0.90
		Intrusion Detection	SPPU Pune	3.70		3.73
	2013-15	and Prevention				
3.5		System for				
Minor		Educational				
		Institutions Network				
	2014-16	Face Name Graph	BCUD	0.80	0.38	0.38
	2014-10	matching	SPPU Pune	0.00	0.36	0.56

		Emamarrantz for				
		Framework for				
		movie character				
		identification	D GI ID			
		Camera Based	BCUD			
		Attack Detection	SPPU Pune			
	2016-18	and Prevention		0.31		
		Using Android				
		Smart Phone				
	2016-18	Power Demand	BCUD	1.30		
	2010-10	Forecasting	SPPU Pune	1.50		
		Image Resolution	BCUD			
	2016-18	Enhancement Using	SPPU Pune	0.65		
		DWT				
		A Novel Ontology	BCUD			
		Based Method for	SPPU Pune			
	2016 10	research Project		0.70		
	2016-18	Proposals Selection		0.70		
		Using Text Mining				
		Approach				
Departm	ent of Me	echanical Enginee	ring			
•		Design and				
		Development of	D CI ID			
Minor	2013-15	Breaking system for	BCUD	1.60	1.60	1.60
		Tired Wheel	SPPU Pune			
		Bullock cart				
		Development of	BCUD			
	•	Magneto	SPPU Pune	• 40	4.00	4.00
Minor	2014-16	Rheological Brake		2.40	1.20	1.20
		for Two Wheeler				
Minor		Experimental and	BCUD			
		investigation of	SPPU Pune			
		influence of tool				
		geometry on				
	2014-16	mechanical		2.00	1.00	1.00
		properties of				
		friction stir welded				
		Joint				
Minor		Probabilistic finite	BCUD			
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		element method	SPPU Pune			
		modeling and				
	2014-16	fracture analysis of		0.80	0.40	0.40
	201 7 -10	single edged		0.00	0.70	0.40
		notched laminated				
		composite plate.				
Minor		Optimization of	BCUD			
IVIIIIOI		heat balance in	SPPU Pune			
	2014-16		SEFU FUIIE	1.70	0.85	0.85
	∠U14-10	resistance spot		1.70	0.63	0.63
		welding and				
		improvement of				

		fatigue life of welded joint.				
Science I	Departme	nt				
Minor	2014-16	Study of structural and electrical properties of Nano Sized Spinel Serrates.	BCUD SPPU Pune	1.70	1.70	1.70

Details of research funding received from various agencies for the last four years are given below:

		Project 1	ject Details Funds Received			Funds Received				
Sr. No.	Department	Compl eted	Ongo ing	BCUD SPPU (Rs. Lakhs)	AICTE (Rs. Lakhs)	DST (Rs.L akhs)	Indus try Spons or (Rs. Lakhs)	Interdiscipl inary Proj. (Rs. Lakhs)		
1	Civil engineering	04	02	10.75	5.50	-	-	-		
2	Electronic and telecommuni cation Engineering	01	01	2.95	-	1	-	-		
3	Information technology	00	01	1.10	-	-	-	-		
4	Master of Business Administrati on	02	00	3.10	-	-	-	-		
5	Computer Engineering	01	05	3.96	-	-	-	-		
6	Mechanical Engineering	01	04	8.50	-	-	-	-		
7	Science	00	01	1.70		-	-	-		

3.3 Research Facilities

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

Institute has created number of research facilities to motivate, encourage and facilitate students for research. Some of the facilities available are as follows-

- Separate research laboratories at all the departments having research programmes.
- Latest equipments, softwares

- High speed broadband internet connection.
- Wi-Fi.
- Library resources like digital library, national and international journals (both print and e –journals).
- Expert lectures on research methodology and guidance.

3.3.2 What are the Institutional strategies for planning, upgrading and creating infrastructural facilities to meet the needs of researchers especially in the new and emerging areas of research?

Lead Research of the Institute takes care of planning, upgrading and suggestions for improvement of research facilities.

Lead research planning to improve quality of research publications by adopting following guidelines.

- 1. Motivation to faculty and students: Basic research carried out by faculty members and students is based primarily on their own interest and initiative. This type of research usually results in good quality research publications.
- 2. In order to promote interactions with wider research community the technical workshop and conferences in specialized areas for the faculty as well as students should be arranged.
- 3. Ph.D holders in the institute should take responsibility to guide two or more faculty for the research publications.
- 4. The research paper written by a faculty is reviewed by a panel of expert faculty in Institute before sending for publication.

Lead research planning to improve sponsored research proposals by adopting following guidelines.

- 1. At least three research proposals from each department should be submitted to any government agencies such as AICTE, UGC, DST, DSIR etc.
- 2. At least five proposals from each department should be submitted to the BCUD, SPPU.
- 3. One MODROBs and one RPS should be submitted by every department to the AICTE for academic year.
- 4. The research proposals are scrutinized thoroughly before submission to funding agencies.
- 3.3.3 Has the Institution received any special grants or finances from the industry or other beneficiary agency for developing research facilities?? If 'yes', what are the instruments/facilities created during the last four years.

Yes. The Institute has received grants from the various industry and beneficiary agencies for developing research facilities. The details of the funding received for the last four years are given in the tables below:

Sr.NO.	Department	Agency	Amount
			Sanctioned
1	Civil Engineering	BCUD ,SPPU,Pune	10,75,000.00
2	Electronic &	BCUD ,SPPU,Pune	2,95,000.00
2	Telecommunications		
3	Computer Engineering	BCUD ,SPPU,Pune	3,96,000.00
4	Mechanical Engineering	BCUD ,SPPU,Pune	8,50,000.00
5	Information Technology	BCUD ,SPPU,Pune	1,10,000.00
6	Master of Business	BCUD ,SPPU,Pune	3,10,000.00
	Administration		
7	Science	BCUD ,SPPU,Pune	1,70,000.00

Sr.No.	Dept.	Beneficiary agency	Grant received For (Title of Proposal)	Instrument /Facility created
1	Civil Engineering	BCUD, SPPU, Pune	Experimental Investigation on Reinforced Geopolymer Deep Beam	Deep Beam Mould
2	Civil Engineering	AICTE	Modernization of Structural Engineering laboratory	Horizontal and Vertical shake tables
3	Civil Engineering	BCUD, SPPU, Pune	River Water Quality Modeling: Godavari River	Laboratory Stirrer, Digital Conductivity meter.
4	Civil Engineering	BCUD, SPPU, Pune	Study of Industrial Waste Water Treatment by Fluidized Bed Bio Reactor	Digital muffle furnace, Kjeldal Apparatus
5	Civil Engineering	Í	An Investigation of Disinfection Efficiency of Indigenous plant based disinfectants	Soxhlet Apparatus, Multiparameter Testing Kit for field.
6	Electronic and Telecommunication Engineering	BCUD, SPPU, Pune	Implementation of Face Recognition on Texas DM 6437 processor	CCD Image Sensor Box Type(1) & Bullet type(1), LCD

				display with VGA, HDI & audio mike, Audi – video switcher, PIC 18F Evolution board with power supply, PICKIT3 programmer & TFT display, Power supply, Connectors and wires.
7	Electronic and Telecommunication Engineering	BCUD, SPPU, Pune	Image Processing on Mobile Platform for application of OCR	Intel atom (1.2 Gh) development board, Raspberry Pi 2 Starter Kit, Raspberry Pi Component Board, Arduino Uno, Ethernet Shield (W5100), Shield WIFI (ESP8266), LCD Touch Screen Module for Raspberry Pi.
8	Mechanical Engineering	BCUD, SPPU, Pune	Design and Development of Breaking system for Tired Wheel Bullock Cart.	Digital Dial gauge with Magnetic Stand, Tachometer, Thermometer.
9	Mechanical Engineering	BCUD, SPPU, Pune	Development of Magneto Rheological Brake for Two Wheeler	Hero-Honda CD Dawn two wheeler(100cc) bike
10	Mechanical Engineering	BCUD, SPPU, Pune	Experimental and investigation of influence of tool geometry on mechanical properties of friction stir welded Joint	Image analyzer System
11	Mechanical Engineering	BCUD, SPPU, Pune	Optimization of heat balance in resistance	Fatigue testing Machine

			anot wolding and	
			spot welding and	
			improvement of fatigue	
			life of welded joint.	
			Role of Co-operative	
			Milk Unions in	
12	Mater of Business	BCUD,	Economic development	NA
12	Administration	SPPU, Pune	of milk producers in	
			Kopargaon and	
			SangmanerTaluka	
			Study of problems and	
			future prospects in	
	Master of Business	BCUD,	small scale food	
13	Administration	SPPU, Pune	processing industries	NA
	Administration	SPPO, Pulle	with special reference	
			to Ahmednagar district	
			Maharashtra, India	
			Development of	
	C	DCLID	Intrusion detection and	Wireless Router,
14	Computer Engineering	BCUD,	prevention system for	Testing Tools,
		SPPU, Pune	Educational	Hub
			Institutional Network.	
			Face –Name Graph	
		BCUD,	matching based	Video Capturing
15	Computer	SPPU,	framework for Movie	Device, Graphics
	Engineering	Pune	Character	Card Board
			Identifications.	
				Zotec Nvidia 750
				Graphics
			Development of	Controller with
			Automated Public	computing
		DOLLO	Opinion Mining System	
	Information	BCUD,	to Enhance Citizen	Make /Model
16	Technology	SPPU,	Participation in the	Zotec Nvidia 750,
		Pune	eGovernment for	Cluster Node with
			Governmental	i5 graphic
			Decisions	processing unit,
			-	@ 1600 processing
				speed Make Intel.
			Study of structural and	-
. –		BCUD,	electrical properties of	Magnetic stirrer
17	Science	SPPU,	Nano Sized Spinel	cum hot plate &
		Pune	Serrates.	digital PH. Meter.
			20114100.	

3.3.4 What are the research facilities made available to the students and research scholars outside the campus / other research laboratories?

Institute facilitates R & D by providing additional facilities through various associations as given below:

- Collaborations: Institute has collaborations with various institutes and research organizations from which the faculty avail research facilities.
- MoU / Linkages: Every department has an MOU with at-least one leading industry in their core area through which research facilities are provided for the researchers of the Institute.
- Library: Institute has linkages / memberships with leading libraries like, ARAI-Pune, IITB- Mumbai for the benefit of the researchers.

The above said facilities are utilized by the researchers by taking Study leaves and Onduty leaves.

The above said facilities are utilized by the researchers by taking Study leaves and Onduty leaves.

3.3.5 Provide details on the library/ information resource center or any other facilities available specifically for the researchers?

The Institute has budgetary allocations for library facilities like Journals, reference books, e-books exclusively for research. Institute also has linkages / memberships with leading libraries like ARAI, IITB- Mumbai, for the benefit of the researchers. Moreover the researchers also purchase reference material of their need through their grants.

Details are given in the figure and tables below;

Sr. No.	Department	No. of Titles of books	No. of Volumes	No. of journals	E- journals	No. of magazine	No. of CDs
1	Civil Engineering	4466	9921	17			
2	Electronic & Telec. Engineering	3770	11285	24			
3	Computer Engineering	2975	8206	17	1.651	17	3537
4	Mechanical Engineering	4492	11797	18	1651		
5	Information Technology	1152	4161	06			
6	Master of business Administration	883	2168	13	1		
7	Applied Science	1713	4086				
8	General	1845	2187				
	Total	21296	53811	95	1651	17	3537

Resources available in library for PG and research work;

Library holdings	Print	e-Format	Total
Reference Books 3635		32	3667
Journals/ Periodicals	118	1651	1769
e-resources		10 Packages	10 Packages
e-books (Springer)		2015	2015

3.3.6 What are the collaborative researches facilities developed / created by the research Institutes in the College? For ex. Laboratories, library, instruments, computers, new technology etc.

Kits are purchased from "**Texas Instruments**" and research facility is developed in Electronic & Telecommunication Engineering Department

3.4 Research Publications and Awards

- 3.4.1. Highlight the major research achievements of the staff and students in terms of
- Patents obtained and filed (process and product).
- Original research contributing to product improvement.
- Research studies or surveys benefiting the community or improving the services.
- Research inputs contributing to new initiatives and social development

Patents obtained and filed (process and product)

Faculty & students of the Institute are motivated and encouraged to file Patents and Copyrights. Financial support for the same is provided by the management of the Institute.

Faculty of the Institute has filed Indian Patents, detailed list of which is given below;

Sr.No	Topic Patented/ Copyright	Refernce No./ Application No.		Date of Filing
1	Street light energy saver	376/MUM/2013	Prof. S.S. Pawar	8/2/2013
2	Step generators	380/MUM/2013	Prof. S.S. Pawar	8/2/2013
3	Intelligent fuel consumption reduction system at traffic	373/MUM/2014	Prof. S.S. Pawar, Prof. P. M. Vibhute	8/1/2014
4	Surveying Instrument.	284335	Prof.R.S.Rajguru, Dr.A.S.Sayyad,	14/6/2016
5	Clutch Gear Lever technology for gear shifting in Automobile	201621007509	Prof S.V.Fartale	3/3/2016

6	Supercharging of carburation using naturally rammed air	3017/MUM/2015	Mr Rohit Kudale Khirsagar Rohan, Labade Aditya And Jejurkar Prashant B.	10/08/2015
7	Development of POLYTETRAFLUROETHYLENE (PTFE) composite base material for sugarcane crushing roller.	E-2/83/2016-	Prof.P M Patare	11/1/2016
8	Hand wheel mounted hand operated (paddle less) smart braking system for four wheeler automobiles.	E-2/86/2016-	Prof S.V.Fartale	11/1/2016
9	Development of Universal Test Rig for Modal Analysis of Beam	3018/MUM/2015	Prof. L S Dhamande	10/08/2015
10	Magento-Rheological Braking System For A Two Wheeler Vehicle	161/MUM/2015	Prof S.V.Fartale	16/1/2015
11	Multi Disc Magneto-Rheological Braking System	162/MUM/2015	Prof S.V.Fartale	16/1/2015
12	Process of Preparing A Magneto Rheological Fluid For Braking System of A Two Wheeler Vehicle.	163/MUM/2015	Prof S.V.Fartale	16/1/2015
13	Innovative Method of Conversion of Car Into Bike And Vice A Versa.	1264/MUM/2015	Prof. S S Ingale	31/3/2015
14	Hybrid (Solar And Electrical) Powered Oil Recovery Machine	1865/MUM/2015	Prof. V.P.Bhaurkar	12/05/2015
15	Portable Pneumatic Unit For Eco- Friendly Power Generation.	3594/MUM/2013	Prof M D Pasarkar Dr. A. G. Thakur	17/11/2013
16	Innovative Method of Emission Reduction of Diesel Engine Using Cerium Oxide A+s A Fuel Additive.	102/MUM/2014	Prof. S S Ingale	13/01/2014
17	Pedal Operated Gooseberry Seed Removing Machine.	724/MUM/2014	Prof M D Pasarkar Dr. A. G. Thakur Prof D P Bhaskar	28/2/2014
18	Design And Fabrication of Soyabean Plant Cutting Machine.	1223/MUM/2014	Prof S V Bhaskar	03/04/2014

Original research contributing to product improvement.

Faculty at the Institute contributes in making product improvements. Following are the products which are improved from original work

Original product	Improved product	Name of the faculty
Student section fee software	Student section fee software	Dr. A.B. Pawar
LC system for KBP Poly	LC system for D – Pharmacy	Dr. A.B. Pawar

Research studies or surveys benefiting the community or improving the services.

Sr.No.	Projects	Faculty contributed	
1	Agro Produce From Farm To Urban	Dr. B.M. Londhe and Dr.	
	Consumer A Rural Development Model	V.R. Malkar	
2	A Survey Of Small Scale Agro Based		
	Industries In Kopargaon, Shrirampur And	Dr. V.R. Malkar	
	Sangamner, Rahata		
3	Study Of Awareness Of Management		
	Education In Kopargaon, Rahata, Vaijapur	Dr.V.R.Malkar	
	Yeola & Shrirampur		
4	Study Of Parents Expectations From	Prof. V.M. Tidke	
	International Schools.	1101. V.IVI. Huke	
5	Market Research For Day Boarding School In	Prof. V.M. Tidke & Prof.	
	Kopargaon	Y.L. Aher	
6	Critical Analysis Of Ongoing ZP Education	Prof.M.S.Bhayani	
	Sytem In Ahmednagar District	1 101.141.9.Dilayani	
7	Peoples Preference Towards Readymade Atta	Prof.Shailesh Patil	
	In Kopargaon	1 101.Dilaticon 1 am	

Research inputs contributing to new initiatives and social development.

Institute encourages projects for social development.

3.4.2. Does the Institute publish or partner in publication of research journal(s)? If 'yes', indicate the composition of the editorial board, publication policies and whether such publication is listed in any international database?

Institute is planning to start for publication of research journal. But, all departments are publishing newsletter in every semester. This gives platforms to students to publish their articles on innovative idea.

3.4.3. Give details of publications by the faculty and students: Publications per faculty

Faculty and students are actively involved in publications in conferences and journals. Details of the publications at Institute level is given below

Sr.No.	Department	Peer reviewed		Total
		International	National	
1	Civil Engineering	81	00	81
2	Information technology	66	38	104
3	Electronic & telecommunication Engineering	16	11	27
4	Master of Business Administration	10	00	10
5	Computer Engineering	122	11	133
6	Mechanical Engineering	32	00	32

Sr.No.	Department	Non Peer reviewed		Total
		International	National	
1	Civil Engineering	29	00	29
2	Information Technology	39	44	83
3	MBA	06	00	06
4	Computer Engineering	49	08	57
5	Mechanical Engineering	54	08	62

Details of Publication per faculty is given in following table.

Sr.No.	Peer reviewed			Total		
		International	National			
Departi	Department of Computer Engineering					
1.	Dr. D.B.Kshirsagar	05	03	08		
2.	Prof. P.N.Kalavadekar	07	00	07		
3.	Prof. N.G.Pardeshi	12	01	13		
4.	Dr. A.B.Pawar	16	01	17		
5.	Prof. A.V.Brahmne	08	02	10		
6.	Prof. M.S.Ankoshe	03	00	03		
7.	Prof. B.J.Dange	05	00	05		
8.	Prof. C.V.Longani	03	00	03		
9.	Prof S.S.Shaikh	02	01	03		
10.	Prof. S.A.Shivarkar	04	00	04		
11.	Prof. S.S.Deore	06	00	06		
12.	Prof J.N.Kale	04	00	04		
13.	Prof. A.A.Muzumdar	03	00	03		
14.	Prof S.R.Deshmukh	04	00	04		
15.	Prof. S.N.Gunjal	04	00	04		
16.	Prof. S.P.Patil	01	00	01		
17.	Prof. V.N.Nirgude	02	00	02		

18.	Prof. A.Vinaykumar	01	00	01		
19.	Prof. M.A. Sale	01	00	01		
20.	Prof. Mohapatra H.	02	00	02		
21.	Prof. T. Ravi Kumar	03	00	03		
22.	Prof. P. Saiprasad	02	00	02		
23.	Prof. T. Bhaskar	05	00	05		
24.	Prof. G.Madhukar Rao	01	00	01		
25.	Prof. A.S. Bodhe	03	01	04		
26.	Prof. S.A. Dongare	07	00	07		
27.	Dr. A. Kalyankumar	01	00	01		
28.	Prof. B. Thulasi	02	00	02		
29.	Prof. M. Masuti	01	00	01		
30.	Prof. V.D. Lipte	01	00	01		
31.	Prof. C.P. Chandgude	01	00	01		
32.	Prof. N. L. Chokhar	01	02	03		
33.	Prof. A.S. Shrinivas	01	00	01		
	ment of Information technol	ogy	L			
34.	Prof.A.A Barbind	03	15	18		
35.	Dr.M.A. Jawale	15	09	24		
36.	Prof.R. N. Kankrale	03	02	05		
37.	Prof.D.P Bhamare	04	04	08		
38.	Prof.R.D. Chintamani	03	01	04		
39.	Prof.M.B Gawali	02	01	03		
40.	Prof.R.R Nikam	02	00	02		
41.	Prof.S.T Kolhe	04	02	06		
42.	Prof.Y.S. Deshmukh	04	01	05		
43.	Prof.K.D Patil	03	01	04		
44.	Prof.N.S Patankar	05	02	07		
45.	Prof.C.D Bawankar	11	00	11		
46.	Prof.Madhuri Unde	00	00	00		
47.	Prof.S. Zanwar	03	00	03		
48.	Prof.S. Kausalya	04	00	04		
	Department of Master in 1	Business Admini	stration			
49.	Dr.B.M. Londhe	03	00	03		
50.	Dr.V.R.Malkar	04	00	04		
51.	Prof.V.M.Tidke	03	00	03		
Depart	Department of Civil Engineering					
52.	Dr. M.S.Purkar	02	00	02		
53.	Dr. M.V.Jadhav	13	00	13		
54.	Dr.A.S.Sayyad	31	00	31		
55.	Dr. C.L.Jejurkar	04	00	04		
56.	Dr. S.V.Patankar	06	00	06		
57.	Prof. N.S.Naik	03	00	03		
58.	Prof.S.M.Ghumare	05	00	05		
59.	Prof. Miss. V.V.Sasane	04	00	04		
60.	Prof. A.V.Deshpande	01	00	01		
61.	Prof. S.R.Korake	04	00	04		
62.	Prof.M.D.Ghodle	02	00	02		

Sr.No.	Non Peer	Total				
		International	National			
Departi	Department of Computer Engineering					
1.	Dr. D.B.Kshirsagar	03	02	05		
2.	Prof. P.N.Kalavadekar	10	01	11		
3.	Prof. N.G.Pardeshi	05	02	07		
4.	Dr. A.B.Pawar	10	01	11		
5.	Prof. M.S.Ankoshe	01	00	01		
6.	Prof. P.B.Landge	02	00	02		
7.	Prof S.S.Shaikh	01	00	01		
8.	Prof J.N.Kale	02	00	02		
9.	Prof. A.A.Muzumdar	02	00	02		
10.	Prof. V.N.Nirgude	02	00	02		
11.	Prof. A.Vinaykumar	01	01	02		
12.	Prof. M.A. Sale	01	00	01		
13.	Prof. Mohapatra H.	06	00	06		
14.	Prof. P. Saiprasad	01	00	01		
15.	Prof. G.Madhukar Rao	00	01	01		
16.	Prof. A.S. Bodhe	01	00	01		
17.	Prof. V.D. Lipte	01	00	01		
Departi	Department of Information technology					
18.	Prof.A.A Barbind	00	06	06		
19.	Dr.M.A. Jawale	15	09	24		
20.	Prof.R. N. Kankrale	02	01	03		
21.	Prof.D.P Bhamare	00	01	01		

22.	Prof.R.D. Chintamani	03	2	05
23.	Prof.M.B Gawali	05	01	06
24.	Prof.R.R Nikam	04	08	12
25.	Prof.S.T Kolhe	00	02	02
26.	Prof.Y.S. Deshmukh	02	04	06
27.	Prof.K.D Patil	00	00	00
28.	Prof.N.S Patankar	01	03	04
29.	Prof.C.D Bawankar	07	05	12
30.	Prof.Madhuri Unde	00	00	00
31.	Prof.S. Zanwar	00	00	00
32.	Prof.S. Kausalya	00	02	02
	Department of Master in	Business Admi	nistration	
33.	Prof.A.R.Jaswal	01	00	01
34.	Prof.M.S.Bhayani	02	00	02
35.	Prof.Y.L.Aher	02	00	02
36.	Prof.P.S.Kawale	01	00	01
Departi	ment of Mechanical Engin	eering		
37.	Dr. A. G. Thakur	09	00	09
38.	Dr. R. A. Kapgate	04	00	04
39.	Prof. S. V. Bhaskar	04	00	04
40.	Prof. S. S. Ingle	02	00	02
41.	Dr. A.V. Damale	00	01	01
42.	Prof. P. M. Patare	01	00	01
43.	Prof. P.W. Ingle	03	00	03
44.	Prof. H. P. Varade	01	00	01
45.	Prof. J. Ahemad	02	01	03
46.	Prof. K. C. Bhosale	01	00	01
47.	Prof. V. P. Bhaurkar	01	00	01
48.	Prof. I. I. Sayyad	05	00	05
49.	Prof. N. D. Sadaphal	02	02	04
50.	Prof. S. R. Thorat	05	00	05
51.	Prof. K. N. Wakchaure	01	00	01
52.	Prof. P. G. Dake	01	00	01
53.	Prof. V. J. Suryawanshi	02	02	04
54.	Prof. N. S. Aher	01	00	01
55.	Prof. H. D. Gurav	01	00	01
56.	Prof. A. S. Arote	01	00	01
57.	Miss. A. S. Chavan	02	00	02
58.	Prof. R. S. Kolhe	03	00	03
59.	Prof. P. N. Patil	01	00	01
60.	Prof. A. D. Wabale	03	00	03

Number of paper published by faculty and students in peer reviewed journals (National/International)

Sr.No.	Department	Faculty	Students
1	Civil Engineering	81	50
2	Information Technology	104	38
3	Electronic and Telecommunication	27	51
	Engineering		
4	Computer Engineering	133	70
5	Mechanical Engineering	32	23

Number of publications listed in International Database

Sr.No.	Department	Faculty	Publication
1	Civil Engineering	08	81
2	Information Technology	04	11
3	Computer Engineering	09	11
4	Mechanical Engineering	13	32

Books Published

Sr.No.	Department	Faculty	Book
1	Electronic and	Mr. Bharud P.J.	" Printed Circuit Boards"
	Telecommunication		Sitaj Prakashan ,A/P-Lonkarvasti
	Engineering		Tal- Kopargaon
			Dist. Ahmednagar

Chapter in books

Sr.No.	Department	Faculty	Chapter in books
01	Computer	Dr.D.N.Kyatanavar	Comp.Intelligence, Witold
	Engineering	Dr. A.B. Pawar	Pedrycz and Shyi-Ming Chen
		Dr.M.A.Jawale	(Eds): Sentiment Analysis and
			Ontology Engineering,
			Springer Publication

Citation Index, h-index, i10 index, impact factor.

Department Of Mechanical Engineering						
Sr. No	Name Of Staff	Citation	h Index	i 10 Index	Impact Points	
1	Dr. A. G. Thakur	69	5	2	•	
2	Dr. R. A. Kapgate	2	1.72	01		
3	Prof. S. V. Bhaskar	13	2	0		
4	Dr. A.V. Damale	3	1	0	0.759	
5	Dr. S. P. Palekar	1	1	0	1.94	
6	Prof. L. S. Dhamande	16	1	1		
7	Prof. P. M. Patare	4	1	0	0.2	
8	Prof. P.W. Ingle	4	1	0		
9	Prof. B.D. Deshmukh	4	1	0		
10	Prof. H. P. Varade	1	1	0		
11	Prof. J. Ahemad		2	1	0	
12	Prof. K. C. Bhosale	12	2	0		
13	Prof. I. I. Sayyad	6	2	0	0.541	
14	Prof. S. R. Thorat	2	1	0		
15	Miss. S. M. Gujrathi	1	1	0	1.5	
16	Prof. A. A. Joshi	0	0	0	2.2	
17	Prof.V.J.Suryawanshi	1	1	0	-	
	Department of Infor	mation Te	chnology		-	
17	Dr.M.A.Jawale	4	1	ı	-	
18	Prof.M.B.Gawali	5	1	-	-	
	Department of Con	iputer Eng	ineering			
19	Prof.P.N.Kalawadekar	26	03	-	-	
20	Dr.A.B.Pawar	04	01	-	-	
21	Prof.B.J.Dange	01	01	-	-	
22	Prof.A.V.Brahmane	01	01	-	-	
23	Prof.S.A.Shivarkar	11	02	-	-	
24	Prof. G. Madhukarrao	07	00	-	-	
	Civil Engineeri	ng Departı	nent			
25	Dr. M.S.Purkar	05				
26	Dr. M.V.Jadhav	77	5	-	5.081	
27	Dr.A.S.Sayyad	360	11	-	23.54	
28	Prof. C.L.Jejurkar	05	02	-	1.495	
29	Dr. S.V.Patankar	91	04	-	-	
31	Prof. N.S.Naik	09	02	-	-	
32	Prof.S.M.Ghumare	06	02	-	-	
33	Prof. S.R.Korake	04	01		-	
34	Prof. Miss.B.M. Shinde	08	02		-	
	Department of Electron				eering	
35	Dr Kyatanavar D N	113	3	2		
36	Prof. R.G.Zope	21	3	-	-	
37	Prof. S.George	4	1	-	-	
38	Prof. N.D.Kapale	1	1	-	-	
39	Prof. D.G.Lokhande	1	1	-	-	
40	Prof. K.S.Sharma	4	1	-	-	
41	Prof. K.V.Karad	7	2	-	-	
42	Prof. P. S. Kurhe	11	2	-	-	
43	Prof. A. S. Chavan	7	-	-		

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 recognition for research contributions

Research awards received by the faculty

Sr.No.	Department	Faculty	International	National	State
1	Civil Engineering	Dr. S. V.	-	02	-
		Patankar			
2	Information Technology	Dr.M.A.Jawale	-	-	01
3	Computer Engineering	Dr.A.B.Pawar	-	01	01
4	Mechanical Engineering	Prof.S.V.Fartle	-	-	01
5	Master of Bussniess	Dr.B.M.Londhe	-	-	02
	Administration	Dr.V.M.Malkar			

Recognition received by the faculty from reputed professional bodies and agencies, nationally and internationally.

Many Faculty of institutes are the members of professional bodies like; IEEE, IETE, SAE.ISTE and CSI.

Reviewer of Journals

Many Faculty of institute are continuously worked as reviewer of International and National level conferences.

Sr.No.	Department	Faculty	International	National
1	Civil Engineering	03	09	
2	Information Technology	03	04	03
3	Computer Engineering	03	11	05
4	Mechanical Engineering	03	05	01

Some of faculty of institute are also worked as a Editorial Board Member.

- Dr.A.S.Sayyad of Civil Engineering Department is a Editorial Board member of two journals.
 - 1) American Journal of Civil Engineering and Architecture,
 - 2) World Journal of Engineering Science.

3.5 Consultancy

3.5.1 Give details on the systems and strategies for establishing institute-industry interface?

- The institute is having IIIC. It meets regularly to enhance the industry participation in the research and academics.
- Industry experts are involved in curriculum development at university level. They are also invited as resource persons and evaluators for faculty and students programs.
- Many industry persons are appointed as University Practical/Oral Examiners, Project Examiners.
- The institute organizes industry visits of faculty and students. Students interact with industry personnel.
- Faculty and students are involved in industry sponsored projects.
- Faculty visit industry once in semester. Faculty contacts the resource person of industry and arranged the visit. The benefits of such visit are industry resource person helps in training session, expert talk, workshop, and even the placement activities for the students can be initiated.

Objective of Industry Institute Interaction Cell

- To bridge gap between institute and industry.
- Study problems of city and rural areas.
- Collecting statistics and find its solution through R&D.
- To arrange expert lecturers of eminent personalities from the industry.
- To enhance inherent skill of faculty and students by arranging visits to industry.
- To develop employability and soft skills amongst the students.
- Knowledge sharing.
- To get acquainted with practical or real life problems.
- To explore the talent among industry, student and faculty.
- To get acquainted with industry requirement, process and managerial skill.
- To review research activity carried out in the institute.
- To suggest advance training program for faculty.
- To suggest resource persons for expert lectures, books, magazines.
- Periodic evaluation of staff members especially to evaluate the area of research and industrial training.

Constitution of Industry Institute Interaction Cell –

Principal, Co-ordinator, HoDs, Members from each department

3.5.2 What is the stated policy of the institute to promote consultancy? How is the available expertise advocated and publicized?

- The institute has Testing and Consultancy Cell, which also assists to advocate and publicize the expertise available with the Institute.
- Civil Engineering department of institute has earned reputation in the field of technical education. The department has established "Consultancy and testing Cell" which accepts testing, consultation, design, projects, and R&D jobs from government, industries and other organizations.
- The faculty visits the organizations and finds out probable domains of consultancy
- The institute encourages the faculty and non-teaching staff to develop the in house experimental set ups. It supports the staff to give the consultancy for the same.
- The institute has a policy of sharing the income generated through consultancy among the concerned staff.
- The information brochure regarding facilities and expertise available is circulated to nearby government & private organization.

3.5.3 How does the institution encourage the staff to utilize their expertise and available facilities for consultancy services?

The institute supports the staff, to utilize their expertise in following manner:

- The R&D and Consultancy Cell of the institute and HoDs have mechanism to identify the expertise of the staff. As per need, the Institute deputes the staff for skill development programs.
- Staff gets benefit in their annual appraisal.
- The institute organizes the programs on product development, design and research methodology which encourage the staff for consultancy.
- The institute provides facilities like duty leave, financial assistance, to carry out the consultancy. The institute deputes the staff for industrial training where they can find the potential for consultancy.

Available facilities in institute for consultancy:

- Labs with state of the art equipments and machineries.
- Well furnished infrastructure
- 24x7 electric supply with UPS/generator backup (Total 422.5 KVA)
- 24x7,100 mbps internet facility (leased line).

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

Institute provides services of infrastructure and laboratories to other institutes and industries in its close vicinity and around. Sometimes the services are provided on reciprocatory basis.

Institute has a wide spectrum of areas for consultancy as follows

Sr. No.	Dept.	Details of Consultancy	Year	Funded/ Non- funded if Yes Revenue Generated (Rs.)
1	Civil Engineering	Design Checking, Technical Audit Testing of Material Field Test Lab utilization by other Institute	2012-13 2013-14 2014-15 2015-16 2016-17	3,60,000/- 3,57,000/- 4,54,000/- 5,19,000/- 2,66,000/-
2	Computer Engineering	Website Development Website Development	2014-15 2015-16	50,000/-

3.5.5 What is the policy of the institute in sharing the income generated through consultancy (Staff involved: Institution) and its use for institutional development?

The income generated through consultancy is credited to central account section of Institute. Every semester the statement of total revenue generated is submitted to the principal. The 50% amount is credited to the institute and 50% amount is distributed to faculty (Lab I/C, Technical Assistant & Peon) proportionally. The amount credited to institute is utilized for purchase/maintenance/repair of equipment of laboratories of respective departments.

The distribution of consultancy and testing charges to concerned staff is as below;

0.	Institute	50%
1.	Principal	3%
2.	H.O.D.	3%
3.	Testing In charge (Teachers)	25%
4.	Lab.Asst. ot Tech.Asst.	10%
5.	Hmals/peons	5%
6.	Registrar	1%
7.	Accountant	1%
8.	Typist involved	0.5%
9.	Dept. Clerk	0.5%
10.	Dept.Peon	0.5%

3.6 Extension Activities and Institutional Social Responsibility (ISR)

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

Institute promotes the Institute-neighborhood network by encouraging the faculty and students in community development work on a regular basis. The Institute always takes lead to reach out to the society in many relief activities during natural calamities, disasters and epidemics.

Annual technical, cultural and sports events respectively, organized by the Institute which provides platform for the students to show their talent, skills and responsibility leading to holistic personality development as good citizen. In addition, students welfare wing extends all possible help to the needy students.

• List of NSS Activities

Sr.	Type of	Duration	Details of Activity	No of	
No.	activity			Participants	
				(Faculty &	
				Students)	
1	NSS	2015-2016	1. Blood donation camp, 18 th , 24 th and	297 students	
			25 th of March 2015	and Faculty	
			2. International Yoga Day celebration,	200 students	
			21 st June 2015	and Faculty	
			3. Tree Plantation, 21 st June 2015	150 students	
				and 50 Faculty	
			4. Orientation Program, 3 rd August 2015	150 students	
				and Faculty	
			5. Essay competition, 27 th August 2015	52 students	
			6. NSS week activities:	100 students	
			a) Poster competition On "Eco-Friendly	and 6 Faculty	
			Ganpati"		
			b) Best Group Competition		
			c) Sanjivani Campus Cleaning		
			d) Tree Plantation		
			e) Video lecture on "Wonders of Attitude"		
			f) PPT presentation by NSS groups :		
			Cultures of different countries		
			7. Road Safety Abhiyan, 29/12/2015 to	100 students	
			30/12/2015		
			8. Survey of school dropped children, 20 th	43 students	
			January to 30 th of January 2015		

	9. Blood donation program	370 students
	a contract for general	and staff
2014-2015	1. Orientation Program, 14 th August 2014.	100 students
		and 6 Faculty
	2. Tree plantation Program, 9 th August	100 students
	2014	and 6 Faculty
	3. Tree plantation Program, 9 th August	100 students
	2014 and 15 th of August 2014	and 6 Faculty
	4. One day workshop on Awareness of	100 students
	important laws related to students such as	and 6 Faculty
	Anti ragging, Cyber law, Right to	
	education, Juvenile justice act, 23 rd	
	August 2014	
	5. A Guest lecture on 'Art of Living' 5 th	100 students
	September 2014	and 6 Faculty
	6. A one week personality development	100 students
	program 10 th to 15 th Sep 2014.	and 6 Faculty
	7. A Guest lecture on Reformation Indian	100 students
	Economy (Arthkranti) 16 th September	and 6 Faculty
	2014	
	8. Essay competition 17 th of September	100 students
	2014	and 6 Faculty
	9. Swachha Bharat abhiyan 2 nd October	100 students
	2014	and 6 Faculty
	10. A cloth collection and distribution	100 students
	program 22 to 24 January	and 6 Faculty
	11. A cleanliness program 27 th January	100 students
	2015	and 6 Faculty
	12. An essay and Poster competition 7 th	100 students
	March 2015	and 6 Faculty
	13. One week NSS camp: At. Po.	100 students
2012-2211	Kokamthan 01 to 07 December 2014	and 6 Faculty
2013-2014	1. Orientation Program, 14 th August 2013	100 students
	th .	and 6 Faculty
	2. Tree plantation Program, 15 th August	100 students
	2013	and 6 Faculty
	3. Guest Lecture on How to change our	100 students
	way of life to get success 23 rd Sep, 2013	and 6 Faculty
	4. NSS Day Celebration 24 th September	100 students
	2013	and 6 Faculty
	5. Quiz Competition 24 th Sep 2013	100 students
		and 6 Faculty

			6. Essay competition 25 th Sep, 2013	100 students
			of Essay competition 25° Sep, 2015	and 6 Faculty
			7. Poster competition 26 th Sep, 2013	100 students
			7.1 oster competition 20 - 5cp, 2015	and 6 Faculty
			8. A one day workshop on Personality	100 students
			I	
			development and Hypnotism, 1 st Jan 2014	and 6 Faculty
			9. Organisation of Marathon 19 th Jan	100 students
			2014	and 6 Faculty
			10. Guest lecture on Role of youth in	100 students
			building national economy 24 Feb 2014	and 6 Faculty
			11 . One week NSS camp: At. Po.	100 students
			Sonewadi 01 to 07 December 2013	and 6 Faculty
		2012-2013	1. Orientation Program, 24 th of August	100 students
			2012	and 6 Faculty
			2. Tree plantation Program, 8 th Sept. 2012	100 students
				and 6 Faculty
			3. Guest Lecture on Wonders of Attitude	100 students
			02 Sep 2012	and 6 Faculty
			4. NSS Day Celebration 24 th September	100 students
			2012	and 6 Faculty
			5. A poster competition 18 th Dec, 2012	100 students
				and 6 Faculty
			6. Youth week celebration 12 Jan to 18	100 students
			Jan 2013	and 6 Faculty
			7. Organisation of Marathon 20 th Jan	100 students
			2012	and 6 Faculty
			8. One week NSS camp: At. Po. Khirdi	100 students
			Ganesh 11 to 17 December 2012	and 6 Faculty
2	Dhruva	2015-2016	Organized a "Collection Drive" of old	Faculty: 02
			usable things in Kopargaon 3 rd	Students: 67
			4 th Jan 2015, in association with	
			Snehalaya	
			Organized a social visit to Snehalaya,	Faculty: 02
			Ahmednagar along with 54 students on 8 th	Students: 67
			Jan 2015.	
		2014-2015	Organized a "Collection Drive" of old	Faculty: 01
			usable things in college on 28 th & 29 th Dec	Students: 64
			2014, in association with Snehalaya (a	
			famous social project) in Ahmednagar.	
			Organized a "Collection Drive" of old	Faculty: 01
			usable things in Kopargaon on 30 th Dec for	Students: 64
			helping the less privileged people in	20001100.01
			Snehalaya, Ahmednagar	
			Sheharaya, minicunagar	

	Organized a social visit to Snehalaya,	Faculty: 01
	Ahmednagar along with 55 students on	Students: 55
	31 st Dec 2014.	
2013-2014	Organized a visit of 52 students to	Faculty: 02
	NEHALAYA, Ahmednagar for	Students: 52
	Shramdaan on 29 th Dec 2013.	
	Organized a "Old-Clothes Collection	Faculty: 01
	Drive" of old usable things under ACES	Students: 56
	on 28 th Dec 2013, on the occasion of Baba	
	Amte's 100 th Birth Anniversary Year.	
2012-2013	Organized a "Old-Clothes Collection	Faculty: 01
	Drive" of old usable things under ACES,	Students: 27
	on the occasion of Swami Vivekananda's 150 th Birth Anniversary on 12 th Jan 2013.	
	150 Birth Anniversary on 12 Jan 2013.	

3.6.2 What is the Institutional mechanism to track the students' involvement in various social movements/activities which promote citizenship roles?

- Institute encourages its faculty and students to volunteer in extension activities.
- Institute also engages students in the social activities organized at the Institute level.
- There is a systematic approach in the functioning of all the activities under the wings of the above said department.
- The faculty in-charge identifies the activities to be taken- up based on the students' surveys and previous feedbacks from the beneficiaries.
- He informs and instructs the students about the event, the activity students have to
 perform, rules and regulations during the event by conducting a meeting and also
 monitors the performance/actions and ensures the well being of all the students
 involved.
- Students have to report back to the faculty with the certificate of attendance/conduction/participation along with his/her report of the event. Sometimes the faculty in-charge also accompanies the students for the event.
- Students are then appreciated and rewarded for their contribution.

3.6.3 How does the Institution solicit stakeholder's perception on the overall performance and quality of the Institution?

Strategies

- Collection of feedback from stakeholders periodically.
- Analysis of feedback at department and institute level.
- Obtaining the opinion of the stakeholders in the form of questionnaire about the present status and future planning.

Activities

- 1. To have the idea about perception of stakeholders, suggestion boxes are mounted at prime location.
- 2. As a part of academic performance, the institute regularly informs the progress of ward to parents and appeals for their participation for improvement of performance of students.
- 3. Parents/ guardians meets are conducted periodically.
- 4. Registered Alumni association of the institute is actively involved in policy making.
- 5. The information brochure /bulletin containing aims and objectives of the institute, is distributed to the students/parents at the time of admission. The same has been displayed on the institute website.
- 6. The management actively supports and gets involved in taking the action for the implementation of valid suggestions and opinions from the stakeholders.
- 7. Mentor scheme is effectively executed in institutes. Through mentor activity Faculty are continuously in touch with students and their parents.
- 8. Parent meets are organized at respective departmental level. Through these parents meets parents gives different suggestions and feedback to institute.

3.6.4 How does the institution plan and organize its extension and outreach programmes? Providing the budgetary details for last 4 years, list the major extension and outreach programmes and their impact on the overall development of students.

- The institute arranges NSS camp in association with SPPU. A special budget provision is made for smooth conduction of this activity. The students of NSS performed various social activities such as, awareness regarding social issues, tree plantation, and blood donation. They also get training to live in remote areas and villages.
- Institute organizes many activities related to society, education, environment, health, promotional, and rehabilitation activities. These activities are planned and executed by the relevant wings of the Department of Students' Affairs.
- Policies and decisions regarding initiation of high profile activities are made during GB and LMC meets. Major extension and outreach activities in the Institute are planned at the beginning of the academic year.
- Activities related to individual programmes are decided at the department level either during DAB meets or by the HOD and Principal for intermittent programs as and when they surface.
- Institute always has monetary provisions for such programs in the annual budget. Sporadic events are funded within the purview of HOD and Principal.
- Funding is received from various agencies, industries and the Institute for extension activity.
- Funding is also obtained from BCUD, SPPU, Pune for conducting seminars and workshops related to extension and outreach activities.
- Many a times, extension and outreach activities are carried out through the facilities
 and resources (in kind) provided by NGOs, stake holders and others. In all these
 activities, the Institute always provides infrastructure, resources and financial support.

In some cases, the whole activity is sponsored by the Institute. Funding is received from stake holders, NGOs and others voluntarily.

Sr.	Type of	Duration	Details of Activity	No of
No.	activity			Participants
				(Faculty &
				Students)
1	NSS	2015-2016	1. Blood donation camp, 18 th , 24 th and	297 students and
			25 th of March 2015	Faculty
			2. International Yoga Day celebration,	200 students and
			21 st June 2015	Faculty
			3. Tree Plantation, 21 st June 2015	150 students and
				50 Faculty
			4. Orientation Program, 3 rd August 2015	150 students and
				Faculty
			5. Essay competition, 27 th August 2015	52 students
			6. NSS week activities:	100 students and
			a) Poster competition On "Eco-Friendly	6 Faculty
			Ganpati"	
			b) Best Group Competition	
			c) Sanjivani Campus Cleaning	
			d) Tree Plantation	
			e) Video lecture on "Wonders of Attitude"	
			f) PPT presentation by NSS groups :	
			Cultures of different countries	
			7. Road Safety Abhiyan, 29/12/2015 to	100 students
			30/12/2015	
			8. Survey of school dropped children, 20 th	43 students
			January to 30 th of January 2015	
			9. Blood donation program	370 students and
			,	staff
		2014-2015	1. Orientation Program, 14 th August 2014.	100 students and
				6 Faculty
			2. Tree plantation Program, 9 th August	100 students and
			2014	6 Faculty
			3. Tree plantation Program, 9 th August	100 students and
			2014 and 15 th of August 2014	6 Faculty
			4. One day workshop on Awareness of	100 students and
			important laws related to students such as	6 Faculty
			Anti ragging, Cyber law, Right to	
			education, Juvenile justice act, 23 rd August	
			2014	

		5. A Guest lecture on 'Art of Living' 5 th	100 students and
		September 2014	6 Faculty
		6. A one week personality development	100 students and
		program 10 th to 15 th Sep 2014.	6 Faculty
		7. A Guest lecture on Reformation Indian	100 students and
		Economy (Arthkranti) 16 th September	6 Faculty
		2014	-
		8. Essay competition 17 th of September	100 students and
		2014	6 Faculty
		9. Swachha Bharat abhiyan 2 nd October	100 students and
		2014	6 Faculty
		10. Cloth collection and distribution	100 students and
		program 22 to 24 January	6 Faculty
		11. Cleanliness program 27 th January	100 students and
		2015	6 Faculty
		12. An essay and Poster competition 7 th	100 students and
		March 2015	6 Faculty
		13. One week NSS camp: At. Po.	100 students and
		Kokamthan 01 to 07 December 2014	6 Faculty
	2013-2014	1. Orientation Program, 14 th August 2013	100 students and
			6 Faculty
		2. Tree plantation Program, 15 th August	100 students and
		2013	6 Faculty
		3. Guest Lecture on How to change our	100 students and
		way of life to get success 23 rd Sep, 2013	6 Faculty
		4. NSS Day Celebration 24 th September	100 students and
		2013	6 Faculty
		5. Quiz Competition 24 th Sep 2013	100 students and
			6 Faculty
		6. Essay competition 25 th Sep, 2013	100 students and
			6 Faculty
		7. Poster competition 26 th Sep, 2013	100 students and
			6 Faculty
		8. A one day workshop on Personality	100 students and
		development and Hypnotism, 1st Jan 2014	6 Faculty
		9. Organisation of Marathon 19 th Jan	100 students and
		2014	6 Faculty
		10. Guest lecture on Role of youth in	100 students and
		building national economy 24 Feb 2014	6 Faculty
		11 . One week NSS camp: At. Po.	100 students and
		Sonewadi 01 to 07 December 2013	6 Faculty
	2012-2013	1. Orientation Program, 24 th of August	100 students and
		2012	6 Faculty
<u>. </u>	1	ı	<u> </u>

			2. Tree plantation Program, 8 th Sept. 2012	100 students and
			<i>B</i> ,	6 Faculty
			3. Guest Lecture on Wonders of Attitude	100 students and
			02 Sep 2012	6 Faculty
			4. NSS Day Celebration 24 th September	100 students and
			2012	6 Faculty
			5. A poster competition 18 th Dec, 2012	100 students and
			5.11 poster compension 10 Bee, 2012	6 Faculty
			6. Youth week celebration 12 Jan to 18	100 students and
			Jan 2013	6 Faculty
			7. Organisation of Marathon 20 th Jan	100 students and
			2012	6 Faculty
			8. One week NSS camp: At. Po. Khirdi	100 students and
			Ganesh 11 to 17 December 2012	6 Faculty
2	Dhruva	2015-2016	Organized a "Collection Drive" of old	Faculty: 02
	Dinava	2018 2010	usable things in Kopargaon on 3 rd and 4 th	Students: 67
			Jan 2015, in association with Snehalaya	
			Organized a social visit to Snehalaya,	Faculty: 02
			Ahmednagar along with 54 students on 8 th	Students: 67
			Jan 2015.	
	2014-2015		Organized a "Collection Drive" of old	Faculty: 01
			usable things in college on 28 th & 29 th Dec	Students: 64
			2014, in association with Snehalaya (a	
			famous social project) in Ahmednagar.	
			Organized a "Collection Drive" of old	Faculty: 01
			usable things in Kopargaon on 30 th Dec for	Students: 64
			helping the less privileged people in	
			Snehalaya, Ahmednagar	
			Organized a social visit to Snehalaya,	Faculty: 01
			Ahmednagar along with 55 students on	Students: 55
		2012 2011	31 st Dec 2014.	- 1 00
		2013-2014	Organized a visit of 52 students to	Faculty: 02
			SNEHALAYA, Ahmednagar for	Students: 52
			Shramdaan on 29 th Dec 2013.	
			Organized a "Old-Clothes Collection	Faculty: 01
			Drive" of old usable things under ACES	Students: 56
			on 28 th Dec 2013, on the occasion of Baba	
		2012 2012	Amte's 100 th Birth Anniversary Year.	E 1 01
		2012-2013	Organized a "Old-Clothes Collection	Faculty: 01
			Drive" of old usable things under ACES,	Students: 27
			on the occasion of Swami Vivekananda's	
			150 th Birth Anniversary on 12 th Jan 2013.	

3.6.5 How does the Institute promote the participation of students and faculty in extension activities including participation in NSS, NCC, YRC and other National/International agencies?

Participation of students is being promoted by the institute in NSS and Social activities.

- Provision of budgetary funding for arrangement of such a program by the University & Institute
- The institute gives special certification to the students.
- The institute rewards the best volunteers of NSS.
- University gives special weightage to NSS members, in the examination.

3.6.6 Give details on social surveys, research or extension work (If any) undertaking by Institute to ensure social justice and empower students from underprivileged and vulnerable sections of society.

- Guest Lectures for the students of 10th and 12th.

 Faculty members deliver and conduct the Guest Lectures on Carrier Opportunities, Computer Hardware Trouble Shooting, C, C++ programing. This lectures are conducted in institute during vacation period.
- Training sessions and hands on session regarding computer awareness is organized for the students of B.Ed college.
- Visits of students from nearby schools are regularly organized in institute. During
 this visits the faulty members explore the information of laboratories of various
 department to these students. This is a kind of awareness program for school
 students about engineering sciences and technology.

3.6.7 Reflecting on objectives and expected outcomes of the extension activities organized by the College, comment on how they complement students' academic learning experience and specify the values and skills inculcated?

The outcomes of the activities through NSS are as follow:

- The extension activities have imbibed in the minds of students to work as a member of a team or a team leader.
- The extension activities exposed the students to the rural life, culture and their day-to-day problems and possible application of technology to make village life comfortable.
- The outcomes of the extension activities help a lot to develop the overall personality of the students. These in turn are useful for getting good employment
- The extension activities help the students to understand real life problems. Students can develop lifelong learning skills. They can apply the knowledge to solve the community problems.
- The entrepreneurships skills are also developed among the students.
- The extension activity motivates the students to peruse higher studies.

• With the extension activity the students from NSS camp have learned the practical sense as third dimension which has been added to their personality. e.g. students come to know what is cooking of food, and how to manage in remote areas.

3.6.8 How does the Institution ensure the involvement of the community in its outreach activities and contribute to the community development? Detail the initiatives of the Institute which have encouraged community participation in its activities.

Institute organized and involved in many outreach activities for community. This activities are beneficial for community. Institute organized this activities through NSS, students sections. The details are given below;

Tree Plantation: (2011-2012)

A Tree plantation Program organized under the heading "My Earth -My Duty", on Monday, 26th Sept. 2011 at 11.30 am.Around 65 students and 5 staff were present for the program. Hon'ble Shri. Amitdada Kolhe Saheb, Trustee SRES, Dr.D.N.Kyatanwar, Principal College of Engineering, kopargaon, were present for the program. Total 75 plants were planted at zila parishad primary school campus, near sanjivani sugar factory, At post,Taluka, Kopargaon, Dist: Ahmednagar

One day camp:

A one day camp on 22nd January,2012 was arranged for the volunteers which cannot participate in the winter camp from 8-14 Dec.2011. This was conducted at Jeuri Kumbhari which is 12 km away from college campus, Tal. Kopargaon, Dist Ahmednagar. During this camp 30 students and five staff members from different departments were present. The purpose of this camp is to make aware the students about the condition of our villages also to make interaction of the students with the villagers and understand their problems. All the volunteers have given the message of cleanliness through actually sweeping the all the majors roads of his village at the same time thay have presented different street plays for to give the awareness among the people.

Tree Plantation: (2012-2013)

A Tree plantation Program organized under the heading "My Earth -My Duty", on Saturday, 8th Sept. 2012 at 2.30 pm.Around 75 students and 5 staff were present for the program. Dr. D. N. Kyatanwar, Principal College of Engineering, Kopargaon and Dr. A. G. Thakur, Vice-Principal College of Engineering, Kopargaon were present for the program. Total 150 plants were planted at Village Kumbhari, Tal- Kopargaon, Dist: Ahmednagar.

Tree Plantation: (2013-2014)

A Tree plantation Program organized under the heading "My Earth -My Duty", on Saturday, 15th August 2013 at 10 am. Around 85 students and 5 staff were present for the program. Dr. D. N. Kyatanwar, Principal College of Engineering, Kopargaon and Dr. A. G. Thakur, Vice-Principal College of Engineering, Kopargaon were present for the

program. Total 120 plants were planted at Sanjivani Academy school campus, At Post Khirdi ganesh Tal- Kopargaon, Dist: Ahmednagar.

Tree Plantation: (2014-2015)

A Tree plantation Program phase I organized under the heading "My Earth -My Duty", on Saturday, 9th August 2014 from 10 am to 1 pm.Around 50 students and 2 staff were present for the program. Dr. D. N. Kyatanvar, Principal College of Engineering, Kopargaon and Dr. A. G. Thakur, Vice-Principal College of Engineering, Kopargaon were present for the program. Total 120 plants were planted at Yesgaon lake area. Tal-Kopargaon, Dist: Ahmednagar.This is followed by a II phase of Tree plantation program on 15th of August 2014 at 10.30 am to 1 pm, 205 Bamboo trees were planted with the help of 60 students and 5 staff members. Total 325 bamboo trees were planted at Yesgaon lake.

Swachha Bharat Abhiyan

A swachha Bharat abhiyan is carried out as per the direction of Savitribai Phule, Pune university on 2nd October 2014. In this program about 500 students have participated. We have cleaned total five major roads which meet at centre point of Kopargaon near Bus stand. This is followed by celebration of Mahatma Gandhi Jayanti.

Cloth collection and distribution programs

A cloth collection and distribution program is carried out in college of Engineering on 22 to 24 January. Total 35 Volunteers were involved in this activity. They have collected used cloths from all the hostel students and staff and distributed that cloths to the needy people in adopted village.

Blood donation camp:

A Blood donation camp was organized in college campus for three days as on Thursday, 18th, 24th and 25th of March 2015 from 8.00 am to 12.00 pm in Gymkhana hall. The camp is being organized to mark 86th Birthday Celebration of our founder President of 'Sanjivani Rural Education Society', Hon'ble Shri. Shankarraoji Kolhe Saheb. Total 297 students and staff have donated the blood during these three days Mega Blood Donation Camp. Two blood banks have been called for the same. One was Sanjivani blood bank, K opargaon and other bank from Nashik.

Road Safety Abhiyan

The activities conducted under Road Safety Abhiyan are as follows

- 1) Poster competition on topic "Road Safety A Need of Time" and "Don't Drink and Drive" conducted on 29/12/2015.
- 2) Essay Competition on "Road Traffic a social problem" and "Road Safety A Need of time" conducted on 30/12/2015.
- 3) One day workshop on awareness about road safety is conducted for students of college of engineering. RTO Shrirampur and his Team have given useful information on road traffic rules and road safety.

Survey of school dropped children

The survey of school dropped children is carried out from 20th of January to 30th of January in the Shinganapur village which is nearby college with the help of 30 NSS volunteers. Total 43 students have found which are dropped from school because of family earning problem. The detailed list of which is attached with this report.

Blood donation program

A Mega Blood donation program was arranged for the students of Sanjivani group and total 370 students and staffs have donated the blood voluntarily on Wednesday 23 to 25th of March 2016 from 8.00 am to 11.00 am in New Building hall. The camp is being organized to mark 87th Birthday Celebration of our founder President of 'Sanjivani Rural Education Society', Hon'ble Shri. Shankarraoji Kolhe Saheb.

Law Literacy camp

A law literacy camp has been organised for all the villagers ladies and gents. Adv. C. M. Wable, from kopargaon guided people regarding the Human Rights. He focused on the rights of the citizen of our country. He explained the meaning of 'Right' and made people aware of the same. He and his team of Advocates Mr.S. M. Gujar, Mr. D. G. Devkar, Mr. C. P. Jape, Mr. A. G. Deshmukh, Mr. B. C. Satav have given information about different laws related to human rights. Mr. B. C. Satav talked about the Constitutional Laws and their implementation. He made aware of the duties of the people as the citizens of our country.

Aids Awareness camp

An Aids awareness camp has been organised for all the villagers ladies and gents. Dr.Shelendra Singh Chauhan along with Dr. R. M. Dokhe have explained about the causes, transmission and the effects of AIDS. He threw the light over the misconcept of inhuman behavior given to the AIDS victim

Cleanliness Program and soak pit digging

On 3rd day of our camp we have cleaned the total village by distributing in four group viz. S1, S2, S3 and S4. Every group was assigned with separate area for cleanliness. NSS volunteers cleaned all the village areas and gave message to the villagers to have cleanliness in their houses and also in their vicinity. Volunteers were involved in cleaning of school surroundings and cleaning main entrance road in village. Also the volunteers dug 12 soak pits for the toilets of villagers. They targeted the main road coming into the Village. They cleaned the debris and the rubbish along the roadside and burnt the unnecessary weeds.

Health Rally (Arogya Dindi)

Under this program they organized a rally through the village explaining the importance of health and hygiene and giving information about the *ArogyaDin* activities we were going to conduct. This rally started at around 8:15 A.M. from the school and conveyed message throughout the village and returned back to the school at around 10:00 A.M. To convey the message of this rally effectively to all the villagers and to make the message

understandable following attempts were made by Use of musical instruments, Printed banners regarding health information, Hand written banners with thoughts, To communicate personally with the villagers watching the rally six volunteers were appointed, *Dawandi* was given in various *Chowks* (Temple area, *Grampanchayat*, etc.)

The banners and the sign boards used in this rally were focusing on the information related to Anti-Superstitions, HIV/AIDS, Abolition of Female foetus killing, *Vyasanmukti*, Significance of Cleanliness, A forestation etc

Free Medical Checkup and distribution of medicines for kids

It was organized after the lunch in the same *Grampanchayat* Hall. Dr.Sarvar from Kopargaon came for this purpose.94 ladies came along with their buds for the checkup. There, they were told how to protect the health of their children.

Free eye checkup

Free Eye checkup was organized at 10.00 am in Grampanchyat Gathering Hall for the villagers. Dr. Londhe and his team from Nashik came for this purpose. 115 villagers took the benefit of this eye checkup. They also gave the medicines at free of cost and guided the villagers properly.

Free HB checkup for teen age girls

Hb of teen age girls have been checked and informed about how to improve and maintain the same

Guidance on various diseases.

Members of Primary Health Care Centre from Pohegaon visited the camp at 3.00 pm. They guided the villagers about the causes of Dengue, Malaria, Tuberculosis (TB) and told them their remedies. They made them aware about National Rural Health Management (NRHM,2005) and various health schemes of the government viz. *Janani Suraksha Yojna*

Agriculture related information

Mr. A. Shaikh, an Agriculture Officer from Pachayat samittee kopargaon made the villagers aware of the various Agriculture Schemes under taken by the government and their implementations. He told about the structure and working of Agricultural Sector. He told about the subsidies provided by the government on Biogas implementation.

3.6.9 Give details on the constructive relationships forged (if any) with other Institutions in the nearby locality in working on various outreach and extension activities.

- The infrastructure of the institution is made available for the nearby institutions to carry out practicals and demonstrations.
- The institute organizes extension activities in collaboration with SPPU, IEI, ISTE
- The institute has constructive relationship with Sanjivani Blood bank and
- The institute conducts NSS Camps under the patronage of *Gram Panchayat* at various villages

3.6.10 Give details of awards received by the Institution for extension activities and/contributions to the social/community development during the last four years.

- Education Excellence by Indus Foundation (Indo-American Education Summit-2016)
- Icon of Education Award by Leading newspaper of Maharashtra, Dainik Lokmat Innovations in Building Academic & industry Interface by DNA newspaper.
- Brand Excellence Award by Leading newspaper of Maharashtra, Dainik Lokmat
- Outstanding Engineering Institute West Award by Karnataka Leading Newspaper, Vijayavani.
- Best College Award by Savirtibai Phule University, Pune.

3.7. Collaboration

3.7.1. How does the institution collaborate and interact with research laboratories, institutes and industry for research activities. Cite examples and benefits accrued of the initiatives – collaborative research, staff exchange, sharing facilities and equipment, research scholarships etc.

Institution has two types of associations namely Industrial and Institutional. It has many MoUs, association, collaboration and membership.

MBA department of Institute has made collaborations with;

- 1. University of Lethbridge, Canada.
- 2. Poznan University of Economics, Poland
- 3. Shenkar College of Engineering, Israel

The collaboration with above helps and benefits in the area of Faculty & Students exchange program, Summer Internship with Canadian companies as well specialization course. Also Canadian students plan to visit Sanjivani Institute. It is helpful and beneficial for students and faculty of our institutes and Poznan University of Economics to visit each other.

Students and Faculty of MBA department Dr.B.M.Londhe, Dr.V.R.Malkar and Prof.V.M.Tidke visited to Canada at University of Lethbridge. This program is continued from last three years.

Benefits

There is a significant rise in the following areas in the last 5 years

- Publications and Patents.
- Industry oriented projects, real time projects.
- R & D and consultancy activities.
- Placement and training activity.
- Exposure to students on practical and industrial aspects through industrial visits and study tours.
- Establishing labs and Centre of Excellence in the campus by various organizations.

3.7.2. Provide details on 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.

Sr.No.	Department		Numb	oer of MoUs	
		Industry	Institute	Research Institutes	International
1	Civil Engineering	02	-	1	
2	Computer Engineering	04	-	-	1. University of Lethbridge,
3	Master of Business Administration	14	-	-	Canada. Poznan
4	Electronics and Telecommunication Engineering	01	-	1	2.University of Economics, Poland
5	Mechanical Engineering	07	-	1	3.Shenkar College of Engineering, Israel

Sr.No.	Name of Collaborating Agency		
1	Skyfi Education Labs Pvt.Ltd. Bengaluru, Karnataka		
2	Bhansali trailers Pvt.Ltd., Ahmednagar, Maharashtra		
3	Sai Auto Kopargaon		
4	The Sanjivani Sahakari Sakhar Karkhana Ltd., Kopargaon		
5	Sai Bikes Pvt.Ltd., Kopargaon		
6	Sehmi Automotive Technologies Pvt.Ltd.m Kopargaon		
7	Ahmednagar Auto and Engineering Association, Ahmednagar		
8	Earth Solutions Pvt. Ltd.		
9	Cybercure Technologies Pvt. Ltd.		
10	Network Bulls		
11	Tricosys solutions,		
12	Agrawal Chaha Company, Kopargaon		
13	Anand Rathi Finaicial Services Ltd.		
14	Ashwamedh Group		
15	Godavari Traders		
16	Karmyog Electronics		
17	Poshakh mens Apparal		
18	Purple Squirrel Eduventure		

19	Ramdas Irrigation Systems Pvt Ltd.
20	Sai Arts, Kopargaon
21	Sai Shradha Tours and Travels, Shirdi
22	Sanjivani Sahkari Sakhar Kharkhana Ltd, Kopargaon
23	Sanjivani Academy, Kopargaon
24	Shradha Foods
25	Sona Poly Plast Pvt.Ltd.
26	Copper Track, Nashik

3.7.3. Give details (if any) on the industry-institution-community interactions that have contributed to the establishment /creation/up-gradation of academic facilities, student and staff support, infrastructure facilities of the institution viz. laboratories / library/new technology /placement services etc.

Sr.No.	Name of the	Facility	Year of	Details	Amount
	Industry/	Generated	Establ.		in Rs.
	Beneficiary				
	Agencies				
1	Texas Instrument	Center of	2017	Embedded	2.5 lakh
		Excellence		System Trainer	
				Kits	

3.7.4. Highlighting the names of eminent scientists/participants who contributed to the events, provide details of national and international Conferences organized by the college during the last four years

Institutes invites the eminent scientist and well known personalities like CEO, MD of reputed organization under the banner of "Tech-Horizon"

Some of the personalities called under "Tech – Horizon" are;

- Dr.Unnikrishanan of Thermax
- Mr.Sanjay Jadhav of Sterlingwill
- Mr.Dhanjay Kumar of Thor Power
- Mr.Milind Godbole of Gibbs Health care Systems
- Mr.Milind Gurjar of CAN Park India

Instituted organizes many events, conferences, training session, workshop, guest lectures. Many eminent personalities were visited and participated for such events. Below some of them are listed.

Following are the eminent personalities who contributed in events at Institute

Sr.No.	Name	Designation	Organization				
	Department of Civil Engineering						
1	Dr.Y.M.Ghugal	Professor	Govt. COE, Karad				
2	Dr.H.D.Chalak	Associate Professor	NIT, Kurekshtra				
3	Dr.S.N.Khante	Professor	Govt.COE, Amaravati				
4	Dr.S.S.Pendhari	Associate Professor	VJTI, Mumbai				
5	Dr.S.N.Shiyekar	Professor	RIT,COE,Sangli				
6	Dr.D.G.Reulkar	Professor	Govt.COE, Aurangabad				
7	Dr.S.S.Jamkar	Asociate Professor	Govt.COE, Aurangabad				
8	Lt Col Pradeep	CEO	Apex Carrier, Pune				
	Brahmankar						
9	Mr.Vaibhav	Faculty	MADE EASSY, New Delhi				
	Shrivastava						
10	Mr.Gaurav	Assistant Executive	Water Resource Department, Govt. of				
	Borkar	Engineer Grade 1	Maharashtra				
		MPSC					
	1	Department of Compu	iter Engineering				
11	Mr. Jayendra	Oracle Certified	TechMahindra ,Pune				
	Khatod	Associate					
12	Mr. Piyush	Microsoft Certified	Yardi Software ,Pune				
	Batewara	Technology Specialist					
13	Mr. Jayendra	Oracle Certified	TechMahindra ,Pune				
	Khatod	Associate					
14	Mr. Piyush	Microsoft Certified	Yardi Software ,Pune				
	Batewara	Technology Specialist					
15	Mr. Avinash	Director	Earth Solution pvt.ltd.				
	Gawali						
16	Mr. Sandip Patil	Master Inventor &	IBM india				
		cloud Architect					
17	Mr. Umar Lone	CEO	POASH Technology				
18	Mr. Vikrant	Senior Software	Syntel Technology, Pune				
	Somavanshi	Engineer					
19	Mr. Aman Kesar	Instructor	Network Bulls, Gurgaon				
20	Mr. Sachin	CEO	Tricosys Solution pvt. Ltd ,pune				
	Inamdar						
21	Dr. P.K. Sinha	Senior Director	C-DAC				
22	Mr. Kishor	Network	CISCO,Pune				
	Abhale	Administrator					
23	Mr. Balasaheb	Sr. System	Qualis Security Tech Services Pvt. Ltd				
	Ratan Chavan	Administrator	,Pune				

24	Mr. Bhima Das	Spiritual Guru	Chicago, USA					
25	Mr. Shyama	National Coordinator	Spoken Tutorial CDAC					
	Iyyer							
26	Mr. Swapnil	Assistant Project	Spoken Tutorial CDAC					
	More	Manager						
27	Mr. Chandrakant	Assistant Project	Spoken Tutorial CDAC					
	Dhutadmal	Manager						
	Department of MBA							
28	Mr.Sachindanand	Vice President	Webonise Lab Pvt Ltd Pune					
	Ramrao Kulkarni	HR & Cultural						
29	Mr.Kundan	Head HR & Admin,	Jindal Saw limited, Nasik					
	Karna							
30	Dalbir Singh	Strategic Advisor	Datamatics Group of Companies					
	Virdi							
31	Dr. George C.	Professor	University of Lethbridge Calgary, Alberta					
	Gonzalez							
32	Sahiba	Co Founder	Purple Squirrel Eduventures Pvt.					
	Dhandhania	~	LtdMumbai					
33	Mr. Vijay Shejval	Senior Manager	Central Engineering Services					
2.4	Patil	D 4 1 1	Reliance Energy Ltd, Mumbai					
34	Dr.Bhmraya	Dean Academics	International Institute of Management					
25	Metri	Dinastan	,New Delhi					
35	Mrs .Urja Patil	Director	Momentum Consultancy Mumbai					
36	Mr. Siddharth	Director	Learn64 Education Solutions					
30	Prabhakar	Director	Learno4 Education Solutions					
37	Mrs. Namrata	HOD, Training and	ITM					
	Khosla	Placement	Mumbai					
38	Mr. Ketan	Faculty	(N.I.T.I.E.) Mumbai					
	Chande		(* 1.2.1.2.1) 1.20210 41					
39	Anuradha	CEO	Perfect HR Academy, Pune					
	Deshpande		•					
40	Hindurao	D.G.M	Tata Power Mumbai					
41	Mahesh Halale	Professor	Vishwakarma Institute Of Management					
			Pune					
42	Dr Sunil Dokhe	Professor	Vishwakarma Institute Of Management					
			Pune					
43	Mr.Sameer	Associate Professor,	Faculty of Management, University					
	Deshpande	Marketing	of Lethbridge 4401 University					
			Drive, Lethbridge, Alberta T1K 3M4,					
			CANADA					
44	Mrs.Radhika	Project Director	MCED					
	Mulay							

45	Mr.Nilesh	SME Loan Manager	State Bank of India
	Chavan		
46	Mr.Mahesh	Venture Capitalist	Seed Fund
	Murthy		
47	Mr. Krishna Iyer	AVP- Ad Sales	Quikr.com
	Depar	tment of Electronic a	nd Telecommunication
48	Dr. Ajay	Principal	D A College of Engineering ,Karad
	Deshmukh		
49	Mr. Kiran	Corporate trainer	Infosys Ltd., Pune
	Dabholakar		
50	Mr. Sachin Gadhi	Corporate trainer	Open Silicon and Research Private Ltd.,
			Pune
51	Mr. Pankaj Patil	Corporate trainer	Optimistic infosystems, Pune
52	Mr.Permeshwar	Corporate trainer	SEED Infotech, Pune
	Nanaware		
53	Mr. Wasim	Corporate trainer	MPTA, Pune
	Shaikh		
54	Mr. Vasudeo	Corporate trainer	Godrej infotech Ltd., Mumbai.
	Kelkar		
55	Mr. Ramakant	Corporate trainer	Avaya India Ltd., Pune.
	Debata		
56	Mr. Sachin	Corporate trainer	TATA Teleservices ,Aurangabad
	Jadhav		
57	Mr. Umar lone	MD & CEO	
58	Mr. Sachin	Corporate trainer	Tricosys Ltd. ,Pune
	Inamdar		
59	Mr. Pankaj Patil	Corporate trainer	Optimistik Infosystem, Pune
		Department of Mecha	nical Engineering
60	Mr. Bhavar	GATE Qualified	M.Tech. Student,IIT-Mumbai
	Sarjerao	student (GATE -14)	2.2.2.00.000000000000000000000000000000
61	Mr. Vasant		Not available
	Mistry	Not available	- 101 11 11 11 11 11 11 11 11 11 11 11 11
62	Mrs.Satbir Brar	Business Head-Skill	Nashik Enineering Cluster, Nashik.
		Development	<i>B</i>
63	Dr. Venkatesha	H.O.D. Dept. of	
	Rao	Mechanical	J.N.T.U. Hyderabad
	26.00	Engineering.	
64	Mr Biswajit	Asst. Manager	Bosch Ltd. Nasik.
	Karmakar		
65	Mr. Ravindra	A 3.5	N.B.Technologies, Pune.
	S.Kolhe	Asst. Manager	
66	Mr. Amit	CEO	DASS Group

	Rohmare			
67	Mr. Shailesh P.		Tota Taska alasias Ltd. Duna	
	Patil	Sr. Manager	Tata Technologies Ltd ,Pune	
68	Mr. Arun P.	Sr. Manager	Promium Transmission Ltd. Aurangahad	
	Kulkarni	(Production)	Premium Transmission Ltd, Aurangabad	
69	Mr. Boban Chako	Group Head Cadre	Tata Power Co. Ltd	
		Management,	Tata Tower Co. Ltu	
70	Mr Abhishek	Sr. Design Engineer,	Marathwada Auto Cluster, Aurangabad	
	Bhamare		Warathwada Auto Cluster, Adrangabad	
71	Mr. Anil	Manager Engg.	Johnson Control, Mumbai	
	Tribhuwan	Solution,	Johnson Control, Mullioai	
72	Mr. Amit		DASS group Mumbai	
	Rohmare	CEO	DASS group Mullioal	
73	Mr. Sagar	Technical director,	Edu CADD,(Banglore)	
	Salunke		Edu CADD, (Bangiole)	
74	Mr. Harshal	Manager	Taxi for Sure, Banglore	
	Malpure		_	
75	Dr. A. S. Sayyad	Asso. Proff.	Dept. of Civil Engg.	
76	Mr. Vibhav	Public Speaker and		
	Shrivastava	Author of book Simle	Made Easy Education	
		Complexity		
77	Prof.Krishna Jadhav	Asst.Professor	KL University,Vijaywada	
78		Working as HoD,		
		(B.Tech from	New Product	
	Dr. Benu Madhab	Sambalpur University	Development(NPD)DepartmentSEDCO,	
	Di. Bellu Madilao	M.Tech from IIT	Pune	
		kharagpur, PhD	i une	
		from IIT Kanpur)		
79	Mr. Devendra	Asst Manager,		
	Marathe	Marketing	GATE forum Institution, Hyderabad	
	Mr.Shridhar Sir	TVIUI KOIIIIS		
80	Mr. Anand	Sr. Consultant,	CAD/CAM Guru, Pune	
	Thakar	21. 2011381141111,	Critic Guru, I unc	

3.7.5. How many of the linkages/collaborations have actually resulted in formal MoUs and agreements? List out the activities and beneficiaries and cite examples (if any) of the established linkages that enhanced and/or facilitated — curriculum development / enrichment, internship / on the-job training, summer placement,

Faculty exchange and professional development, research, consultancy, extension, publication, student placement, twinning programmes, introduction of new courses, student exchange, any other.

a) Curriculum development/enrichment

Many co-curricular activities are organized by the department in collaboration with the industries to enrich the curriculum. Apart from conceptual knowledge of core engineering subject designed by Savitribai Phule Pune University, students acquire in-depth knowledge through co-curricular activities.

b) Internship/ on the job training, summer placements

Institute is benefitted with the linkages and collaborations with the Industries.

The details is given below

Placement details during last 4 years are as below in the table.

S.No	Department	Department Percentage of Students Placed					
	AY	2011-	2012-	2013-	2014-	2015-	2016-
		12	13	14	15	16	17
1	Computer Engineering	37.00	11.59	10.74	28.77	35.52	19.74
2	Information Technology	27.69	10.76	1.44	6.25	58.53	31.17
3	Electronics and						
	Telecommunication	4.80	2.50	7.00	12.30	27.97	7.95
	Engineering						
4	Mechanical Engineering	10.30	14.38	5.47	8.63	27.67	13.89
5	Civil Engineering	48.27	47.43	2.40	7.93	4.32	6.19
6	Master of Business Administration	54.35	55.76	56.36	66.67	65.11	53.33

c) Research

Institute is involved in research activities through collaboration. Sponsor projects are carried out by final year students under the guidance of faculty. Currently every department is involving in development of such research projects in collaboration with industry.

d) Consultancy

Institute is having separate consultancy cell lead by Civil Engineering department. Details about it is given in earlier point no. 3.5.

e) Extension

Institute is involved in extension activities. Details about are given in earlier point no. 3.6.

f) Publication

Faculty as well students are involved in national/international publications. Details about it given in point no. 3.4.3

3.7.6. Detail on the systemic efforts of the institution in planning, establishing and implementing the initiatives of the linkages/collaborations. Any other relevant information regarding Research, Consultancy and Extension which the college would like to include.

□ Strategies

- The institute encourages the students and faculty to undertake industry sponsored projects. The institute offers the labs, library and other facilities for development of linkages.
- Considering programs offered faculty expertise and infrastructure available, Institute plans and develops the linkages and collaborations with industry and research organizations.
- The institute offers the labs, library, training and other facilities for development of linkages.
- It develops the liaison with the related industries and organizations through newsletters, visits, inviting the concerned persons for visits, arranging faculty visits. The institute gives facilities available.
- The institute Industry Partnership Cell also gives advice for enhancing the collaboration/linkages.

Self Study	Report	[SSR]
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CRITERION-IV

INFRASTRUCTURE AND LEARNING RESOURCES











Self Study Report [S	SSR
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CRITERION IV:

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 Physical Facilities

4.1.1 What is the policy of the Institution for creation and enhancement of infrastructure that facilitate effective teaching and learning?

- Sanjivani College of Engineering, Kopargaon is one among the premier technical institutes in Maharashtra state in the un-aided sector. Established in 1983 by the Sanjivani Rural Educational Society under the charismatic leadership of Shri. Shankarrao G. Kolhe.
- Institute has its vision for social transformation and upliftment of rural masses through education, training and research.
- The whole campus of institute is clean, green, safe and secure.
- The institute has well-furnished infrastructure having classrooms (35) with modern teaching aids such as LCD projectors, computer centre, well equipped laboratories (61), seminar halls (5) and open auditorium (capacity 3000 persons).
- Amenities and facilities such as well-maintained lawn, ramp & lift facility, CCTV surveillance at all strategic locations, generator, RO water purifier, canteen and mess, ATM of HDFC Bank are available.
- Institute is having T & P cell, Student Council, NSS, Grievance Redressal Cell, Women Redressal cell, Anti-ragging committee, Students Grievance Cell, first aid facility, girls and boys common rooms, well equipped gymkhana with sports facility of indoor and outdoor games, play grounds, girls and boys hostels.
- Institute has spacious and well-furnished library with reading room, digital library, reprography, e-journals, and print journals.
- Institute believes in Periodical and Preventive Maintenance. A professional
 housekeeping agency has been hired to look after the cleanliness of the Institute.
 Institute has various departments to look after maintenance such as garden, civil
 maintenance, electrical maintenance etc.

 Proper checks, periodic inspection, review, grievances redressal, suggestion box, feedback from students, alumni, parents, do help in the up-keeping and maintaining the conducive learning environment of the campus.

4.1.2 Detail the facilities available for

- a) Circular and Co-curricular activities- classrooms, technology enabled learning spaces, seminar halls, tutorial spaces, laboratories, botanical garden, animal house, specialized facilities and equipment for teaching, learning and research etc.
- b) Extra- curricular activities- sports, outdoor and indoor games, gymnasium, auditorium, NSS, NCC, cultural activities, public speaking, communication skills development, yoga, health and hygiene etc.

a) Circular and Co-curricular Activities:

Institute has well developed infrastructure that facilitates the needs of Curricular and cocurricular activities.

- Instructional area (carpet area) in m²:
 - o Existing programs (UG):

Particulars	Nos.		Area	in m ²
T at ticulars	Required	Available	Required	Available
Class Rooms	27	35	1782	2631
Tutorial Rooms	09	09	297	455
Laboratories	50	53	3300	5080
Drawing hall	01	01	132	200
Workshop	01	01	600	1118
Seminar Hall	03	05	396	705
Computer Centre	01	01	150	225
Library and Reading Room	01	01	650	1096
Total	93	106	7334	11510

Existing programs (PG):

Particulars	No.		Area in m ²		
1 at ticulars	Required	Available	Required	Available	
Tutorial Rooms	08	08	264	330	
Research	08	08	528	569	
Laboratories			320	307	
Total	16	16	792	899	

• Amenities Area (Carpet Area) in m²:

Dout! oulous	N	os.	Area in m ²	
Particulars	Required	Available	Required	Available
Principal/Director Office	1	1	30	80
Board Room	1	1	20	100
Office all inclusive	1	1	300	300
Department Offices	5	5	100	100
Cabins for Head of	5	7	50	120
Departments	3	,	30	120
Faculty Rooms	184	184	920	970
Examinations Control Office	1	1	30	67
Placement office	1	1	30	30
Central Stores	1	1	30	60
Maintenance	1	1	10	20
Security	1	1	10	20
House Keeping	1	1	10	20
Pantry for Staff	1	1	10	20
Toilets (Ladies &Gents)	Adequate	8	350	425
Boys Common Room	Adequate	1	100	112
Girls Common Room	Adequate	3	100	165
Cafeteria	Adequate	2	150	200
Stationery Store	Adequate	1	10	60
First Aid Cum Sick Room	Adequate	1	10	20

Other Facilities:

Sr.	Parameter	Details		
No.	rarameter			
1	Language Laboratory	Yes		
2	Pure Water Supply	Yes		
3	Electrical Generator	Yes		
4	Digital Library	Yes		
5	Parking facilities	Yes		
6	Telephone and Fax	(02423) 222862, 223362 (02423) 222682		
7	General Notice Board and Departmental Notice Boards	Yes		
8	Medical and Counselling Facilities	Yes		
9	Ambulance	Yes		
10	Medical Insurance Facility	Yes		
11	Institution web site	www.sanjivanicoe.org.in		
12	First Aid facility	Yes		
13	Transportation facility	Yes		
14	Reprographic facilities in the Institution	Yes		
15	ATM	HDFC Bank ATM facility is available		

b) Details of Extra- Curricular Activities:

Sr.	Facility	Details of the Facility Available	
No.	Available		
1	Sports	• Institute has two playgrounds with area 13860 m ² and 4000 m ²	
	Ground	• Flood lights for night matches are installed at Volley ball and	
		Basketball Courts.	
		Sports ground is used for outdoor games like	
		• Cricket	
		• Football	
		• Volleyball	

	<u> </u>	Baseball				
		Lawn Tennis				
		Handball				
		Hockey				
		Kabaddi				
		Kho-Kho				
		Ball Badminton				
2	Gymnasium	Institute has common well equipped gym facility with following				
		equipment:				
		A:				
		Twister				
		Abdominal Board				
		Declined Bench Press Bench				
		Bench Press Bench				
		Cross Trainer and Assisted Chin-up				
		Pec-Dec				
		• Lat-Pulley				
		Bench Press and Should Press				
		Incline Leg Press/ Hack Squat				
		Leg Extension and Curl				
		Sitted Calf Machine				
		Sitted Leg Press				
		Cable Cross Over				
		Smith Machine with adjustable Bench				
		Weight Plate and Rack				
		Incline Bench Press Bench				
		Bar Bell Bar and Rack				
		Bar, Dumbbells, Weight Plates and Stand				
		Dumbbells and Rack				
		Weight Plates and Rack				
		Precher Curl Bench				
		Flat Bench Press Bench				

		B:			
		Cardio Respiratory System:			
		1. Treadmill			
		2. Upright Bike			
		3. Recumbent/Magnetic Bike(Cycle)			
		4. Air Rowing			
3	Indoor	Following indoor game facility is available:			
	Games	Badminton			
		Table Tennis			
		• Carom			
		• Chess			
		Weight lifting			
		Power lifting			
4	A 114	Institute has open auditorium with seating capacity of 3000			
	Auditorium	persons.			
5	NSS	As per the guidelines of SPPU Pune, NSS unit is formed			
		looked after by Program Officer.			
		Every year under NSS various activities are conducted for			
		students like Tree Plantation, Lectures on various social			
		issues, Youth Week, various types of competitions,			
		Swachha Bharat Abhiyan, Blood Donation Camp etc.			
		• Every year Special Winter Camp is held in nearby villages			
		and activities like Tree Plantation, Awareness program,			
		Street Plays etc. are conducted.			
6	Cultural	As per the guidelines of SPPU Pune, Institute forms Student			
	Activities	Council every year. Main objectives of this Council are to			
		improve academic, co-curricular, cultural and extracurricular			
		activities, to develop leadership qualities, event management etc.			
		It is composed of a team of			
		Principal			
		Student Council In-Charge			
		NSS program Officer			

			D
		•	Director of Sports and Physical Education
		•	GS/UR
		•	CS
		•	LR
		•	NSS Secretary
		•	Sports Secretary
		•	Magazine Secretary
		•	CR of every class
		•	Several activities like Social Gathering, Sports Week,
			Teacher's day, Annual day etc. are organized by Student
			Council.
		•	Institute has special music (SAAZ), dance (S-Stepper),
			Photography Clubs to inculcate students creativities and to
			explore their artistic talent as professional one. Activities
			like Musical night by SAAZ Group and Dance Night by S-
			Steppers Group of College are also organized.
7	Yoga	•	Institute celebrates International Yoga Day.
8	Health and	•	Toilets and entire campus are properly cleaned by
	Hygiene		outsourced housekeeping team, vending machines (for
			sanitary napkins) are used in girl's hostel, and lectures are
			organized on health issues of girls.
9	Fire	•	42 fire extinguishers are kept at appropriate locations at
	Extinguishers		administrative and academic buildings, hostels,
			laboratories, central library etc.
10	Newspapers	•	Newspapers are available in English, Hindi and Marathi
			languages at library, departments and all hostels.
11	Canteen and	•	Canteen and mess facilities with proper hygiene are
	Mess		available in campus for staff as well as students.
12	Public	•	Institute has various associations such as ACES, ETESA,
	Speaking		MESA, IEEE, CSI, CESA etc. as well as Student Council.
		•	Events like debate competition, group discussion, paper
			presentation, quiz competition, personality contest etc. are

conducted under these associations.
These events not only enhances the technical abilities and
knowledge among the students but also builds their overall
personality skills and multi-dimensional qualities.

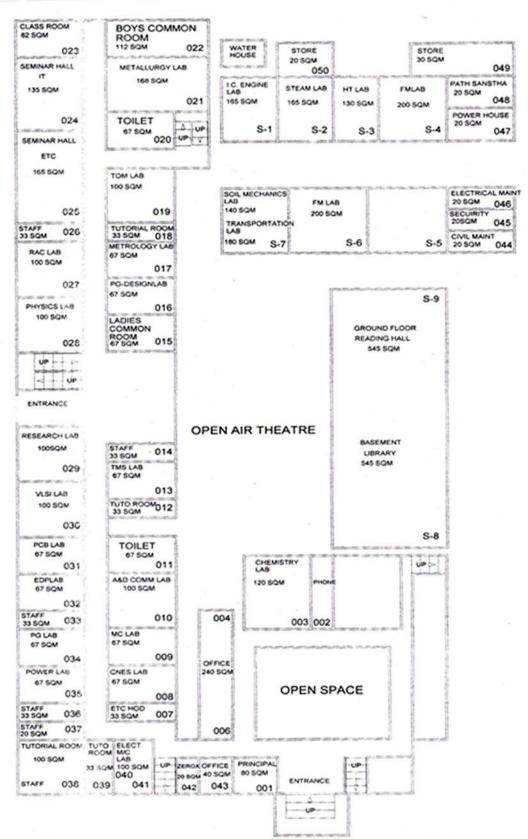
4.1.3 How does the institution plan and ensure that the available infrastructure is in line with its academic growth and is optimally utilized? Give specific examples of the facilities developed/augmented and the amount spent during the last four years (Enclose the Master plan of the Institution /campus and indicate the existing physical infrastructure and the future planned expansions if any).

- The institute has developed infrastructure as per the norms of AICTE and SPPU Pune.
- Institute has enough number of class rooms, tutorial rooms and seminar halls.
- Experts from the regulatory authorities of DTE and Local Inquiry Committee visit and inspect the institute.
- Periodic review, enhancement and optimally utilization of infrastructure is done.
- The Institutes has enriched the laboratories with regular and special purpose equipments, instruments, computers and software for effective implementation of academics.

Land Availability:

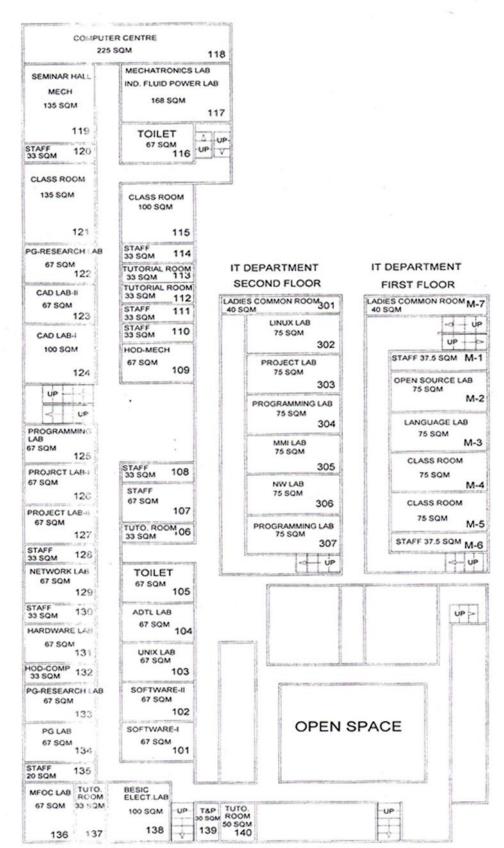
Land Category	Area required as per	Total area	
(Rural/District Head Quarter/State	AICTE norms (acres)	available	
Capital/Metropolitan City)		(acres)	
Rural	7.5	10.05	

Master Plans:

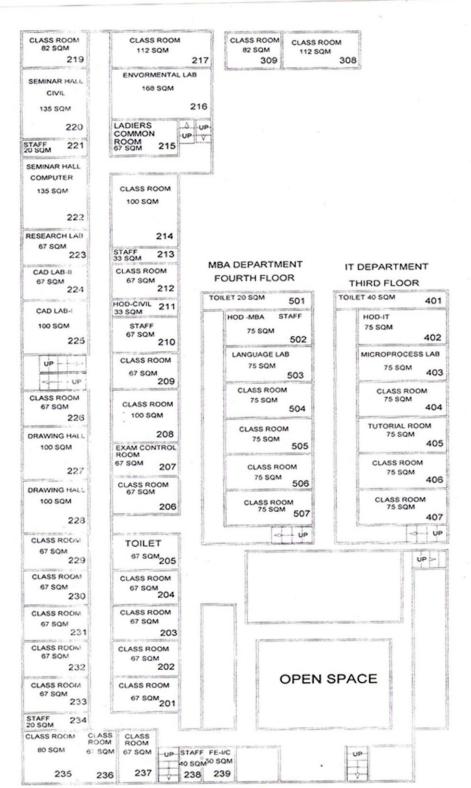


SRES, SANJIVANI COLLEGE OF ENGINEERING, KOPARGAON

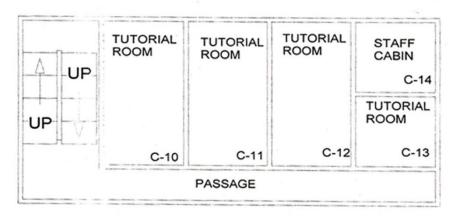
GROUND FLOOR



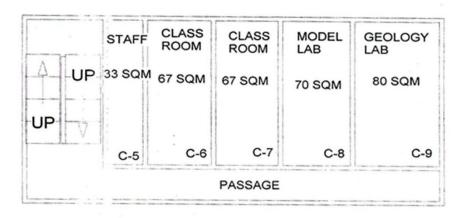
SRES, SANJIVANI COLLEGE OF ENGINEERING, KOPARGAON FIRST FLOOR



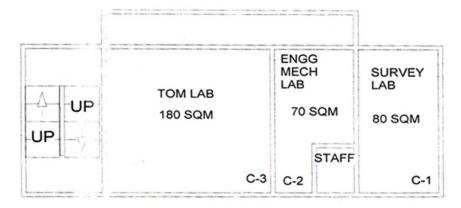
SRES, SANJIVANI COLLEGE OF ENGINEERING, KOPARGAON



SECOND FLOOR



FIRST FLOOR



GROUND FLOOR SRES,COLLEGE OF ENGINEERING, KOPARGAON DEPARTMENT OF CIVIL ENGINEERING

The investment in the last four years for enhancing various infrastructure facilities is as follows:

_	2012-13	2013-14	2014-15	2015-16
Items	Expensed in	Expensed in	Expensed in	Expensed in
	Lacs.	Lacs.	Lacs.	Lacs.
Building	43.23	15.87	34.63	63.74
Furniture	18.57	17.19	10.47	17.19
Equipments	75.77	62.28	66.92	96.07
Computers and other software	39.68	20.77	64.45	29.89
Vehicle	24.64	33.59	31.81	35.90
Sanitation	4.38	6.68	20.00	27.17
Books	16.85	11.41	11.21	8.03
Total	223.12	167.79	240.09	277.99

The total cost of major equipments used for teaching, learning and research of various departments is as follows:

Sr. No.	Department	Equipment Cost (Rs.)
1	Electronics & Telecommunication	1,75,33,880= 00
2	Computer Engineering	1,10,58,218=00
3	Information Technology	86,46,099 = 00
4	Mechanical Engineering	2,05,15,157=00
5	Civil Engineering	1,32,98,217 = 00
6	Engineering Science	15,16,507= 00
7	Workshop	34,11,223 = 00
8	M.B.A.	28,74,195 = 00
	Total Amount (Rs.)	7,88,53,496 = 00

4.1.4 How does the institution ensure that the infrastructure facilities meet the requirements of students with physical disabilities?

- Lift is provided in IT building.
- Ramps are provided at suitable locations.
- Security guards have been instructed to render necessary help.
- Western style toilets are constructed.

- Wheel chairs are made available.
- 4.1.5 Give details on the residential facility and various provisions available within them:
 - Hostel Facility Accommodation available:
 - Yes. Total 1236 students (717 boys and 519 girls) are accommodated in different hostels. Following facilities are made available at different hostels:

SrNo	Facility	Hostel A-1	Hostel A-4	Hostel A-5	Hostel A-6	Hostel G-1	Hostel G-2	Hostel G-3	Remark
1	Student capacity & Accommodation	150	190	189	188	295	124	100	
2	First Aid Box	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Updated after expiry
3	Safe drinking water(R.O.)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Common RO system
4	Uninterrupted Power supply	Backu	p is pro	•	Commond 250 K		rators 1	25 KV	Common
5	Reading Hall	Facili	ty availa Lib		Central	Yes	Yes	Yes	
6	Gym facility	Com	mon Gy	mkhana	Hall	Yes	Yes	Yes	
7	Mess	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
8	Dining Hall with TV	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
9	Newspaper Reading Section	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Common place
10	Fire Extinguisher	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Updated after expiry
11	Solar Water Heater	Yes	Yes	Yes	Yes	Yes	Yes	Yes	4000 lit. each
12	Boiler	Yes	Yes	Yes	Yes	Yes	Yes	Yes	700 lit. each
13	Water Cooler	Yes	Yes	Yes	Yes	Yes	Yes	Yes	40 lit. each
14	Computer	Yes	Yes	No	No	Yes	Yes	No	For office use
15	Printer	Yes	Yes	No	No	No	Yes	No	For office use
16	Wi-Fi facility	No	Yes	Yes	Yes	Yes	Yes	Yes	Router is available



1. G1 and G2 Hostels

2. Hostel Room





3. G3 Hostel

4. Hostel Room





5. A3 and A4 Hostels

6. Hostel Room





7. A5 and A6 Hostels

8. Security Guard





9. Reverse Osmosis Water Processing Unit near A6 Hostel





10. Solar water heater

Recreational facilities, gymnasium, yoga centre, etc.

- Institute has well equipped gymkhana.
- Facility of indoor and outdoor games is provided.
- Sport grounds are available.
- Institute celebrates International Yoga day.
- Gym facility is also available in girl's hostels.
- TV facility is available in every hostel.

• Computer facility including access to internet in hostel

- Computer facility with internet is available in hostels offices.
- Wi-Fi facility is available in hostels 24 x 7.

• Facilities for medical emergencies

- Medical officers are appointed for hostel students.
- 24 x 7 ambulance facility is available.

• Library facility in the hostels

- Separate reading rooms are available for hostel girls.
- For boys, common reading hall is available.
- Various newspapers, magazines are available at hostel for reading.

• Internet and Wi-Fi facility

 Wi-Fi facility is available over entire campus as well as hostels with 100 Mbps speed.

• Recreational facility-common room with audio-visual equipments

- Institute has one common room for boys and four common rooms for girls.
- TV facility is available in every hostel and Cafeteria.

• Available residential facility for the staff and occupancy

 Staff quarters are available in the campus for teaching as well as non-teaching faculty.

• Constant supply of safe drinking water

- The college has one centralized water purifying unit with Reverse Osmosis process located near A-6 Hostel.
- The processing capacity of RO purifying unit is 3000 litres/hr. and 15000 litres of water is processed per day.
- Purified safe water is then continuously circulated for drinking purpose at different locations in the campus.
- At following points drinking water is available along with cooling facility:

Sr. No.	Location
1	All hostels (A1 to A6 and G1 to G3)
2	Mechanical Dept. (1 st Floor)
3	Computer Dept. (1 st Floor)
4	Behind Student Section (Ground Floor)
5	IT Dept.
6	Civil Dept. (2 nd Floor)
7	Staff Quarters

• Security

- Separate rectors are appointed for all hostels and their duties are coordinated by Chief Warden.
- Hostel timings are strictly followed and attendance is taken biometrically.
- For security purpose anti ragging committees are established.
- Institute has security department which works for 24 x 7.
- For security purpose CCTV is mounted at various locations in campus, all entrances of administrative building, Cafeteria, library, hostel entrance etc.

• Hygiene facilities:

- Toilet blocks are provided at each floor.
- Dustbins are kept in the corridors at suitable locations and all the waste material is disposed off daily.
- Entire campus, all washrooms, hostel corridors and campus etc. are properly cleaned and hygiene is maintained by housekeeping team of M/s BVG India Ltd.

• Stationery/General store:

• Institute has Stationery/General store in the campus to meet the requirements of students and faculty living in campus.

• Safety:

- For any type of emergency, i.e. fire or other a multipurpose fire tender equipped with all rescue equipments along with trained staff is made available by Sanjivani (Takli) Sahakari Sakhar Karkhana Ltd.
- For safety against fire accidents, adequate numbers of sand buckets and 42 fire extinguishers are available in the campus at academic blocks, library, auditorium, administrative block, seminar halls, gymkhana, workshop and hostels.









11. CCTV and its images



12. Cafeteria



13. College Cafe



14. Gymkhana



15. International Yoga Day Celebration



16. Gymnasium1



17. Gymnasium2





18. Internet Centre

4.1.6 What are the provisions made available to students and staff in terms of health care on the campus and off the campus?

Following provisions are made for health care of staff and students:

- Group Insurance Policy by New India Assurance Co. Ltd. is made available for staff, applicable to Family = 1 + 5(i.e. Self + Spouse+2 dependent children+2 dependent parents)
- Group Insurance Policy for students 'Safety Package Insurance' by New India Assurance Co. Ltd. is made available.
- Facility of Staff Welfare Fund (SWF) is available.
- Institute has appointed Dr. M. H. Batra as Medical Officer who is available in institute's dispensary from 7.00 pm to 8.00 pm every day except holidays.
- Dr. Golecha Nayana Manoj is appointed as Medical Officer to look after girl students and faculty staying in the campus from 5.00 pm to 6.00 pm every day except holidays in institute's consulting room.
- For emergency, well-equipped Cardiac ambulance facility is available 24×7.
- Hemoglobin camp is carried out for girl students and proper guidance is given regarding diet.
- Every year medical checkup of students is carried out.
- Fitness center, indoor and outdoor games, play grounds are available for staff and students.

4.1.7 Give details of the common facilities available on the campus-spaces for special units like IQAC, Grievance Redressal unit, Women's Cell, Counselling and Career Guidance, Placement Unit, Health Centre, Canteen, recreational spaces for staff and students, safe drinking facility, auditorium etc.

Following facilities are available on the campus with enough spaces equipped with phone, tables, chairs, fans, computers etc.:

Sr. No.	Common Facilities	Availability
1	IQAC	Available
2	Grievance Redressal Unit	Available
3	Women's Cell	Available
4	Counseling and Career Guidance	Available
5	Placement Unit	Available

6	Health center	Available
7	Canteen	Available
8	Recreational spaces for staff and students (Gymnasium, indoor/outdoor games, Yoga etc.)	Available
9	Safe drinking water facility	Available
10	Auditorium	Available
11	Security	Available
12	Alumni House	Available
13	Industry Institute Interaction Cell	Available
14	Anti-ragging Cell	Available



19. Fire Extinguisher at A1 Hostel



20. Security against fire at A1 hostel

4.2 Library as a Learning Resource

- 4.2.1 Does the library have an Advisory Committee? Specify the composition of such a committee. What significant initiatives have been implemented by the committee to render the library, student/user friendly?
 - Does the library have an Advisory Committee?

Yes. Library has an advisory committee. The committee comprises of Principal, Chairman, one faculty from each department as a member, System Head and System Admin as members and I/C librarian as a Secretary.

• Composition of such a committee is as follows:

Names of the Committee Member	Designation
Dr. D. N. Kyatanavar	Principal
Prof. D. B. Kshirsagar	HOD, Comp- Chairman
Prof. S. M. Ghumare	Member-Civil Dept.
Prof. G. A. Bhatane	Member- E and TC Dept.
Prof. Mrs. D.P. Bhamare	Member-IT Dept.
Prof. D. S. Supekar	Member-Mechanical Dept.
Prof. Ms. P. S. Kawale	Member-MBA Dept.
Prof. S. R. Dudhat	Member-Engg. Sci. Dept.
Mr. A. R. Kolhe	Member-System Head
Mr. S. S. Shinde	Member-System Admin
Mr.G. L. Nawale	Secretary-I/C Librarian

• What are the significant initiatives implemented by committee to render library, students/users friendly?

- ✓ Meetings of the committee are conducted twice or thrice per semester to plan and coordinate the execution of the requisite procedure for smooth functioning of the library.
- ✓ Requirements of books, journals, magazines etc. from all departments are collected for every academic year and recommend to the management through the Principal for necessary action.
- ✓ The faculty members and students are made aware about the use of the reference books, other useful books and digital library through notice and circulars.
- ✓ Excellent environment have been provided for students as well as faculty.
- ✓ Open access system is provided.
- ✓ NPTEL (National Program on Technology Enhanced Learning) video lectures and e-resources are available throughout campus by Wi-Fi connectivity.
- ✓ Book bank scheme is provided.
- ✓ Day-night reading hall facility is provided.
- ✓ Web based OPAC (Online Public Access Catalogue) search is provided.

4.2.2 Provide details of the following:

- Total area of the library (in m²) 1096.35
- Total seating capacity 300 students
- Working hours (on working days, on holidays, before examination days, during examination days, during vacation):

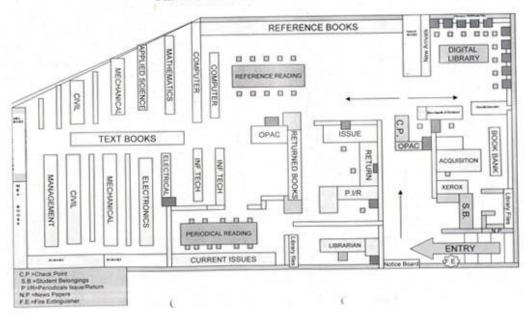
- 9 hours circulation
- 12 hour reading hall before examination
- 16 hour reading hall during examination days

✓ On all working days, on holidays, before and during examination day:					
	Working	Holidays	During Exam		
	days	-			
Issue Section & Journal Section	9 am to 6 pm	-	9 am to 6 pm		
Timing					
Reference Section Timing	9 am to 6 pm	_	9 am to 6 pm		
Reading Section	8 am to 6 pm	8 am to 12	8 am to 12.00		
		pm	(midnight)		
✓ During Vacation:					
Issue Section & Journal Section	9 am to 6 pm	-	9 am to 6 pm		
Timing					
Reference Section Timing	9 am to 6 pm	-	9 am to 6 pm		
Reading Section	8 am to 6 pm	8 am to 12	8 Am to 12.00		
		pm	(midnight)		

✓ Layout of the library (individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources)

SRES COLLEGE OF ENGINEERING KOPARGAON

CENTRAL LIBRARY INFRASTRACTURE



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 i.e. 2012-2013, 2013-14, 2014-15 and 2015-16)

- In consultation with advisory committee; requirements of books, journals, magazines etc. from all departments are collected for every academic year and recommend to the management through the Principal for necessary action.
- Following table ensures procurement of books, journals, e-resources during last four years:

I there I I I I I I I I I I I I I I I I I I	Year-1 (2013-2014)		Year-2 (2014-2015)		Year-3 (2015-2016)		Year-4 (2016-17)	
Library Holdings		Total		Total		Total		Total
	Number	Cost	Number	Cost	Number	r Cost	Number	Cost
		(Lacs.)		(Lacs.)		(Lacs.)		(Lacs.)
Text Books	1855	8.99	2323	11.05	944	5.13	485	2.70
Reference Books	171	5.61	158	4.17	154	5.85	56	3.51
Journals/Periodicals	132	3.42	141	3.36	131	4.33	133	3.20
Total	-	18.02	-	18.58	-	15.31	9.4	1

	f 21	Year-1 (2013-2014)			Year-2 (2014-2015)		Year-3 (2015-2016)		ar-4 5-2017)
	Library Ioldings	Number	Total Cost (Lacs.)	Number	Total Cost (Lacs.)	Number	Total Cost (Lacs.)	Number	Total Cost (Lacs.)
e-l	Resources								
1	IEEE	145	3.73	145	3.92	145	4.41	179	5.33
2	Springer (ETC)	134	2.06	134	1.94	134	2.07		
3	Springer (Mech.)	49	-	49	0.93	49	0.99		
4	ASME	25	1.59	25	ı	25	-	28	2.27
5	ASCE	33	1.86	33	2.01	33	2.26	37	2.73
6	MGH	Access Engg. Lab	-	Access Engg. Lab	-	Access Engg. Lab	1.75		
7	J-Gate- (JET)	4700 Indexed 1700 FT	-	4700 Indexed 1700 FT	-	4700 Indexed 1700 FT	0.68		
8	Science Direct	275	3.52	275	4.95	275	5.56	279	6.72
9	ASTM	1700 e- Book 13000 Jr.	-	1700 e- Book 13000 Jr.	-	1700 e- Book 13000 Jr.	0.84		

	J-Gate-	6700		6700		6700			
1 1()		Indexed	-	Indexed	-	Indexed	0.68		
	(JSMS)	2000 FT		2000 FT		2000 FT			
11	Pro-Quest	3714	2.22	3714		3714			
11	F10-Quest	Titles	2,22	Titles	-	Titles	-		
12	EBSCO	1802 e-		1802 e-	1.00	1802 e-	1.17	1123	1.84
12	EBSCO	journals	-	journals	1.00	journals	1.17		
	TOTAL	ı	14.98	-	14.75	-	20.41	1651	18.89

4.2.4 Provide details on the ICT and other tools deployed to provide maximum access to the library collection?

✓ OPAC

Online Public Access Catalogue (OPAC) is to provide the maximum access to the library collection with respect to a search by

- Subject name
- Author name
- Title of the book
- Accession No.
- Publisher name

✓ Electronic Resource Management package for e-journals:

Institute library has subscribed the following Electronic Resource Management package for e-journals:

- IEEE
- ASCE
- Springer-Mech.
- Springer-ETC
- Elsevier Science Direct
- MGH
- J-Gate-(Engg.)
- J-Gate-(Mgt.)
- EBSCO-(Mgt)

✓ Federated searching tools to search articles in multiple databases.

 Search can be done by using title of books, author of books, subject, keywords or publisher, and e-journals such as J-Gate-(Engg.), J-Gate-(Mgt.), EBSCO-(Mgt) using OPAC.

✓ Library web site:

Separate website for library is not available however information of library is available on college website.

✓ In house/remote access to e-publications

In house access to e-publications is available throughout the campus using IP based purchase of e-journals.

✓ Library automation:

Yes. All the work related to issue and return has been computerized. All the books are bar-coded.

- Total No. of computers for public access: 02
- Total No. of Printers for public access: 01
- **Internet Band width/speed:**100 Mbps
- Institutional Repository: Institute has developed an app Sanjivani
 COE, Kopargaon on which information is made available.
- Content management systems for e-learning: No
- Participation in Resource sharing networks/consortia (like Inflibnet): Institute has collaboration with libraries of IIT Bombay, ARAI Pune.

4.2.5 Provide details on the following items:

- Average number of walk-ins: 61
- Average number of books issued/returned:303
- Ratio of library books to students enrolled: 1:4
- Average number of books added during last three years:2000

Detail of books added during last three years are as follows:

Academic year	No. of Titles	No. of Books	Total Amount in Rs.	Average
2013-2014	667	2026	14,61,077.00	
2014-2015	743	2481	14,62,131.50	
2015-2016	543	1098	10,98,752.00	2000 Books per year
2016-17	297	540	6,20,771.00	per year
Total	2250	6145	46,42,731.5	

- Average number of login to OPAC: NA
- Average number of login to e-resources:34 per day
- Average number of e-resources downloaded/ Printed:100 per day
- Number of information literacy trainings organized:01
- Details of "weeding out" of books and other materials: 1398 number of books till date

4.2.6 Give details of the specialized services provided by the library

- Manuscript: No
- Reference:
 - Reference books are properly arranged in racks and can be easily searched.
- Reprography: Yes
 - o Library has one photography machine, printer and scanner.
- ILL (Inter Library Loan service): Yes.
 - o Inter Library Loan service is made available with IIT Mumbai.
- Information deployment and notification:
 - URL, Login and password are provided to faculty and students by notice and display for the access of e-resources.
 - o For downloaded papers printing facility is provided.

• Printing:

 HP 1010 Laser Jet printer is provided on site to students as well as faculty.

• Reading list/ Bibliography compilation:

- o Bibliography of books is provided to all users by OPAC search.
- Syllabus/Question papers are available in digital library online and offline.
- Hard copy of syllabus is also available in library and provided to users.

• In house/remote access to e-publications:

 E-publications are available in digital library i.e. e-journals and ebooks through LAN and Wi-Fi connectivity.

User Orientation and awareness:

o New arrivals are displayed on rack and list of new arrivals is displayed

on library notice board.

o List of new arrivals is circulated to concerned faculty members.

• Assistance in searching Databases:

- E-journals/NPTEL video lectures are provided in digital library throughout campus by Wi-Fi network.
- o OPAC search is available to all users by login and password.
- Additional assistance in searching database is provided by library staff to faculty and students.

• INFLIBNET/IUC Facilities:

o Institute has facility of Inter Library Loan Service with IIT Bombay.

4.2.7 Enumerate on the support provided by the Library staff to the students and teachers of the college.

The support provided by the Library staff to the students and teachers of the college is as follows:

- To give information about the books located in the library.
- To guide uses regarding searching of OPAC.
- To provide Information about the subject related books and other related books on the subject.
- To provide guidance for searching e-journal articles and research papers.
- Reprographic as well as scanning facility is available in library.
- Downloading and preserving the hard copy of study material is made available.
- To facilitate the staff and students about the new arrivals through display
 of the books and journals on the proper display boards and circulating
 notices in this respect.
- Book bank facility is available to the students.

4.2.8 What are the special facilities offered by the library to the visually/ physically challenged persons? Give details.

Physically challenged students

- Library staff helps the visually and physically challenged persons to search issue /return the library books or other relevant material.
- o Audio facility suitable to physically challenged students is available.

- 4.2.9 Does the library get the feedback from its users? If yes, how is it analyzed and used for improving the library services. (What strategies are deployed by the Library to collect feedback from users? How is the feedback analyzed and used for further improvement of the library services?
 - Yes. Library feedback is taken online semester wise at institute level.
 Batch wise feedback is taken for all students.
 - Suggestion box is kept in library and suggestions are analyzed by the authority.



21. Books issue/return counter



22. Book-racks



23. Periodicals section



24. Digital Library



25. Reading hall

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)

Sr. No.	System Configuration	Qty.				
Department of Mechanical Engineering:						
	Intel P4 3.0 GHz. Intel original 865GBF Motherboard64MB AGP card internal256					
1	MBRAM 40GBHard Disk1.44MBFDD 17" color Monitor, Keyboard, Optical	05				
	Mouse52x CD ROM Writer					
2	Zenith Pentium-4 2.93 GHz 915 Chipset motherboard256 MBDRRRAM, 40GBHard	1.7				
2	Disk Keyboard, Optical Mouse, CD Rom, 15" CRT Color Monitor	15				
2	Zenith P-4 3.0 GHz 256 MBRAM, 80GBHardDisk17" TFT Monitor Keyboard,	10				
3	Mouse	13				
	SSE65-01 Zenith SSPC Zenith Smart Style PC HM65/Intel HM65 Chipset					
4	MBD/COR EI3 2330M 2.2 GHz./4GBRam DDR-3/ 320GB H.D.D. Intel Graphics/	14				
	10/100/1000 LAN					
	SSE65-01 Zenith SSPC Zenith smart Style PC HM65/Intel HM65 Chipset					
5	MBD/COR EI3 2330M 2.2 GHz./4GB Ram DDR-3/ 320GB H.D.D. Intel Graphics/	06				
	10/100/1000 LAN 18.5 LCD Screen/USB M.M. KBD Mouse/Wi-Fi ECO PC					
	SERVER IBMBatch-06AGRR8Quad Core Xeon8 GB Ram, 500 GBHDD, DVD	0.1				
6	Rom Keyboard, Mouse18.5" TFT Monitor (NON- IBM)	01				
7	Zenith PC AIO Core i3 Processor 2 GB Ram 320 GB HDD18.5" Screen Keyboard	20				
7	Mouse	20				
	Zenith Computer Intel Dual Core 3.0GHz.Intel 945 Chipset Motherboard2x2 MB					
8	Cache, 512mb DDR-2 RAM 80GB SATA Hard Disk Keyboard Mouse combo	23				
	pack15" TFT LCD Monitor					
-	Intel Core 2Duo 2.66GHz. Computers (Zenith)G-31 Motherboard, 1GB DDR-2	0.5				
9	RAM 160GB Hard Disk DVD Writer Keyboard Mouse17" TFT Monitor	05				
10	Intel C2D 2.66GHz. Computers (HCL)G-31 motherboard, 1GB DDR-2 RAM	10				
10	160GB Hard Disk DVD Writer Keyboard Mouse 17" Wide TFT Monitor	10				
11	Intel C2D 2.93 GHz. (Zenith 402A)G-31 Motherboard, 1GB DDR-2 RAM 160GB	02				
11	Hard Disk DVD Writer Keyboard Mouse 18.5" LCD Monitor	03				
12	Intel C2D 2.93 GHz. (Zenith 402A)G-31 Motherboard, 2GB DDR-2 RAM 320GB	00				
12	Hard Disk DVD Writer Keyboard Mouse 18.5" TFT Monitor	08				

	Acer All in One PC Intel Core i5, 4GB DDR-3 Ram,500GB Hard Disk,20" LED				
13	Screen, Windows 8.1	25			
	Lenovo Desktop PC Intel Core i5 Processor4GB Ram, 500GB HDD 20" LED	2.7			
14	Monitor Windows 8.1 OS	25			
	Total	173			
Depar	tment of Computer Engineering:				
1	Core I-5,4 GB RAM,500 GB HDD,18" Screen Display	50			
2	Core I-3,2 GB RAM,500 GB HDD,18" Screen Display	148			
3	Core 2 Duo,2 GB RAM,250 GB HDD,18" Screen Display	64			
4	Dual Core 1 GB RAM,250 GB HDD 18" TFT Screen	28			
5	Server Xeon Processor,8 GB RAM,500 GB HDD,17" LCD Screen	06			
6	Lenovo Workstation 4 GB,500 GB HDD,18" Screen	01			
7	Laptop P-IV,256 MB RAM,250 GB HDD	02			
	Total	299			
Depar	tment of Information Technology:				
	Zenith Intel Pentium Core 2 Duo1Gb RAM, 500 GBHDD, USB Key board, Mouse,	2.5			
1	DVD Writer, 18.5 TFT Monitor.	25			
	HCL 2.66 GHz Processor, Intel core 2 Duo Chipset, Garnier – LD/2-LD Series				
2	Mother boards with 7 USB Ports, 1 GB DDR,RAM Drive, 160 GB SATA HDD,	25			
2	52X DVD writer, ATX Cabinet, Keyboard, USB Mouse, 17" LCD- Flat Color	25			
	Monitor				
	SSE65-04 Zenith SSPS HM65/core I3 R 330MC 2.2 GHz/ Intel HM 65 Chipset				
3	based MBD/2GB, DDR3/320 GB HDD Intel Rated Graphics Built-in-2 Speakers	15			
	10/100/1000 LAN/18.5" LCD Monitor/USB MMEDIAKBD/USB Optical Mouse				
4	Lenovo All-in-one Ci3Intel Core i3 Processor,4 GB RAM, 500 GB HDD 19.5"	1.5			
4	Screen, Keyboard, Mouse, WI-FI	15			
	HCL 2.66 GHz, HT Processor, Intel core Duo Chipset, Garnier-LD/2-LD Series				
5	Motherboard with 7 USB Ports, 1GB DDR RAM, 160 GB SATA HDD, 52X DVD	25			
3	Writer, ATX Cabinet, MM Keyboard, USB Mouse, 17 inches LCD-Flat Color	23			
	Monitor				
6	Intel P-4 PC, 256 MB DDR, 1.4 MB FDD, 40 GB HDD, Optical Mouse, PS-2	10			
U	Keyboard, CRT, Color Monitor, RAM Drive	10			
7	Zenith Smart Style PC Core 13 2330m, 2GB DRR3, 320 GB HDD	30			
8	Zotec Nvidia PC	01			
9	Zenith Laptop, Director P-IV 1.6GHZ	01			
10	Zenith laptop, Zenith Rhodim Netbook Intel atom Processor 1.66 GHZ Processor	01			
10	Intel nm chipset 1GB Ram DDR2 160 GB HDD 13.3'widecard 10/100 LAN	U1			

	Total	148
Depar	tment of Electronics and Telecommunication Engineering:	
1	500 GB HD, RAM-8GB, Processor Xenon 1230	05
2	HD: 500 GB, RAM-4GB, Intel core I5 Processor	25
3	HD: 500 GB, RAM-4GB, Intel I3 Processor	23
4	HD: 500 GB, RAM-1GB, Processor Intel core 2 duo	02
5	HD: 320 GB, RAM-4GB,Intel I3 Processor	05
6	HD: 320 GB, RAM-2GB, Intel I3 Processor	07
7	HD: 320 GB, RAM-1GB,Intel core I3 Processor	01
8	HD: 250GB, RAM-1GB, Processor core 2 duo	08
9	HD: 160GB, RAM-1GB, Processor core 2 duo	39
10	HD: 80GB, RAM-512GB, Processor Intel P4	09
11	HD: 80GB, RAM-512GB, Processor Intel P3	14
	Total	138
	Department of Civil Engineering	
1	Computer P4 Zenith Make Intel Pentium 3.00GHZ 256MB RAM 80GB HDD	07
2	Zenith P4 Dual Core	10
3	Zenith PC Dual core	05
4	Intel Core i5 Processor (All in one) 4GB RAM/500GB HDD	10
5	Intel Core i5 Processor Desktop 4GB RAM/500GB HDD 2GB Graphics Card	10
6	Zenith Intel Pentium Core 2duo 1GB RAM/500GB HDD	05
7	Intel Pentium Processor 2GB RAM 320GB HDD	21
8	Zenith All in one PC Core i3 Processor 4GB RAM 320GB HDD	25
9	Server HP 8GB RAM 250GB HDD	01
10	Intel P4 2.93GHZ 256MB RAM 250GB HDD	10
	Total	124
	Department of Master of Business Administration	
1	Acer All in One PC Intel Core i3/4GB RAM/500GB HD/20" LED screen	30
2	Acer All in One PC Intel Core i3/4GB RAM/500GB HD/19.5" LED screen	30
3	Laptop (Dell Inspiron14 R), Intel i3 350M RAM 4GB/HD 500GB/14"	04
	Total	64
Depar	tment of Engineering Science:	
	SSET 66-3 Zenith SSPC Intel Core 2 Duo, T6670(2.20 GHz) Mobile Intel GL40	
1	Chipset based MBD/1 GB DDR 3RAM/250GB HDD/Built in speaker/integrated web	01
1	camera, audio/10/100LAN, Card reader and Optical Mouse, MM KBD 18.5" LCD	UI
	Screen 1 GB DDR3 Additional OPTBAT optional battery for eco style	
2	Zenith AlOi3-07 All-in-one Pc with core I3 processor 2GB/320GB hard	01

	disk.18.5"screen, Keyboard Mouse.					
	Computer 302 Gx11 Zenith Premium: Intel Pentium D Processor Dual core-03					
	0GHZ Intel 945 MBD, 800 MHz FSB/512MB DR2/80GB/HDD/DNB Integrated					
3	Intel. Graphics/ON B Audio/ONB 10/100 LAN/MI Nitower premium	02				
	cabinet/TV/tuner card /USB Logitech optical mouse / ps2 107 keys/KBD/15" CRT					
	color monitor op 20 COMO Drive					
1	Zenith Perform Pentium Dual Core 5800/2GB RSM 320 GB Hard Disk on Board	01				
4	LAN/ Audio, 19" LCD Monitor.	01				
5	Acer All-in-One	01				
	Laptop. Zenith Admiral Laptop Batch 1UN16602 Mfg. Date:21/3/2012, Intel core	Λ1				
6	2Duo/14.1 Display 2GB RAM, 320GB hard disk DVD writer, on board LAN Audio	01				
7	Laptop Comp AQ ADM dual core/2GB/RAM/320GB HDD 4"LED Display Wi-	01				
/	Fi/Blue Tooth, DVD Writer	01				
	Total	08				
Centra	l Library					
	Zenith All In One, Intel core i3/corei4, 64-bit processor Intel H-16 chipset					
1	motherboard, 2GB DDR-3 Ram, 320 GB HDD (SATA) on board LAN, USB mouse,	08				
	Keyboard, 18.5" screen					
2	Acer (AIO),Corei3/2GB/500GB/20" DVD	04				
	Zenith P-4,P iv 2.66 (25D-01) Chipset Motherboard With 8x AGP slot/512 MB DDR					
3	RAM/80 GB Hard Disk/52X CD-ROM Drive/ONB, Graphics, Sound&	05				
3	LAN/MINITOWER PREMIUM CABINET/PS2 OPTICAL MOUSE/107	03				
	Keyboard/15" CRT Color Monitor					
4	Zenith (Server),Batch : SGH22575N9 Xeon@ 3.1/8GB/250/GB/Keyboard Mouse	01				
	Total	18				
Admin	istrative Offices, Hostel and other					
1	Pentium 4, 1.6 GHz System	13				
2	Pentium 4 Desktop PC, 19" TFT (LED) Monitor	01				
	Total	14				

➤ Computer-Student ratio: 1. UG: 1: 4

2. PG: 1: 2

> Stand-alone facility: 78 Computers

➤ LAN Facility: Available

➤ Wi-Fi facility: Available throughout the campus with 100 Mbps speed.

Licensed Software: Institute has licensed Software.

List of Licensed Software

Sr. No.	Name of Software	No of Licenses
	Department of Mechanical Engineering:	
1	AutoCAD R12 Software	02
2	CATIA software Ver.5	01
3	Ansys software Ver.11	05
4	MATLAB 7.01 software	05
5	Autodesk Inventor Prof.2	05
6	Unigraphics NX-4 Advanced	04
7	CADian software 2006 (Site license.)	Site
8	Swift GATE solution software 2.1 LAN Version	1+9
9	Master CAM Ver.7 X2 (MR1) Up gradation with Ideas software	01
10	CNC Train 2000	04
11	Pro-E 4.0 Wildfire	30
12	Ansys 14.0	50
13	Master CAM X6	40
14	MiniTab 17 academic	02
15	Matlab 15	25
	Total	181
	Department of Computer Engineering:	
1	Microsoft Win 8.1	93
2	Visual Studio	20
3	Linux 6.0 Enterprise Desktop Edition	20
4	IBM Rational Software Architect	30
5	Windows 2003 Server	01
6	Microsoft Office 2003	10
7	Win2003 Server R2 Std. Edition	01
8	Borland J-Builder	01
9	Oracle 10g	01
10	Borland C++ (Ver 3.0)	01
11	IBM RFT & IQM	20
12	I Lotus Interactive English Program	25
	Total	214
	Department of Information Technology	

1	Linux 8.0 Red Hat Prof. O.S.	02
2	Office Pro 2003 Win 32 English	02
3	Win Server Std. 2003 Eng AE CD 5CH	02
4	Window Srcal 2003 Eng o/p AE user	40
5	IBM Parional SEED Program included Ravinal Suite Enterprise	10
6	Visual Studio Net Prof AE FPP	02
7	Microsoft windows XP(OEM)	02
8	Oracle 9i	01
9	SGS 2.1 10 client License Pack	01
	Total	62
Depar	tment of Electronics and Telecommunication Engineer	ing:
1	Proteus	01
2	Microwind	01
3	A. Xilinx 8.2 ISE	01
	B. Vivado Design Suit 2016	01
4	MATLAB	01
5	A. Or CAD Capture	01
	B. Or CAD P Spice	01
	C. Or CAD Layout	01
6	MPLAB IDE V8.83	01
7	A. SPJ SCARM	01
	B. LPC Xpress V4.3.0-1023	01
	Total	11
	• Department of Civil Engineering:	
1	Auto cad 2015	01
2	R-cube concrete mix design software Version 3.3	03
3	Water Treatment Plant Design software	01
4	Surfer-12	01
5	Gram++ GIS Version 11.2	05
6	SAP-ETABS	01
	Total	12
	Department of Master of Business Administrate	ion:
01	SPSS software	01

Number of nodes / Computer with Internet facility:

Sr. No.	Department	No. of Computers	No. of Computers with internet facility
1	Mechanical	173	170
2	Civil	104	104
3	E and TC	138	079
4	Computer	299	299
5	IT	148	148
6	MBA	064	064
7	Engg. Sc.	007	005
8	Computer Centre	123	123
9	Central Library	018	011
10	Other	014	008
	Total	1088	1011

4.3.1 Detail on the computer and internet facility made available to the faculty and students on the campus and off-campus?

- The institute has separate Computer Centre with internet browsing facility looked after by System Head, System Administrator and team of technicians.
- Computer centre has 120 systems upgraded with latest configuration.

Sr. No.	Service provider	Bandwidth	Contention Ratio	Circuit Type	
1	Reliance Communication	75 Mbps	1:1	DIA	

- Internet service is available for both students and faculty in the campus.
- Each department has their own computing facility for their faculty and students.
- College campus connected to central server through LAN which provides internet facility of 100 Mbps speed.
- Students and Staff can also browse e-Journals through digital library anywhere in the campus using ERP.
- Two Laptops are provided each department along with internet facility.
- A resource for conducting online examinations exists in the institute in Computer centre as well as all departments.

4.3.3 What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?

- All computer systems in the institute are upgraded with latest configurations.
- In the annual budget, adequate provision is made as per the requirements of the departments.
- As per the requirements of the departments, old systems are replaced by new systems.
- List of non-repairable systems is prepared by concerned faculty in-charge, laboratory assistant in consultation with HOD and forwarded to Principal for Write-Off approval.
- Regular monitoring as well as maintenance of all computers in the campus is carried out by system department.

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).

Amount spent for procurement, up gradation, deployment and maintenance of the computers and their accessories in the institution during last four years:

Computer Budget Amount in Lacs:

Item	Budgeted	Budgeted Actual Expenses		Actual Expenses Budgetee		Actual Expenses	Budgeted	Actual Expenses
	2012-13	2012-13	2013-14	2013-14	2014-15	2014-15	2015-16	2015-16
Computers	24.18	39.68	19.75	20.77	26.00	64.45	33.00	29.89

4.3.5 How does the institution facilitate extensive use of ICT resources including development and use of computer-aided teaching/learning materials by its staff and students?

- The Institution has adequate computer facility for its faculty. Faculty members are provided with computers with internet facility for preparation of teaching/learning materials in their respective departments.
- Each department has its own computing facility based on the curriculum demand.
- The faculty and students can access e resources available in the library, video lecture series of NPTEL through ERP available with each department.

- Digital library is available with several e-books and e-journals from IEEE,
 Springer (ETC), Springer (Mech.), ASME, ASCE, MGH, Science Direct, EBSEO and J-GATE, Pro-Quest, EBSCO.
- Every classroom including Seminar and meeting halls has LCD projector facility.
- Institute has provided official e-mail (yahoo) facility for communication purpose.
- **ERP:** Web and SMS based ERP software **SackInfo 2.5** is installed in the Sanjivani College of Engineering Kopargaon which contains following modules:
 - System Administration
 - User Management
 - Establishment
 - Admission
 - Front Office
 - Student Section
 - Academic Monitoring
 - Library
 - ERP system is very helpful to monitor daily routine activity with single click.
 - There are many advantages to implementing an Enterprise Resource Planning (ERP) software system.
 - Among countless other advantages, implementing ERP software can improve productivity, increase efficiencies, decrease costs and streamline processes.
 - Here are the top five most common benefits:
 - Efficiency: An ERP system eliminates repetitive processes and greatly reduces the need to manually enter information. The system will also streamline business processes and makes it easier and more efficient for organization to collect data.
 - Integrated Information: Instead of having data distributed throughout a number of separate databases, all information is now located in a single location. Data is also kept consistent and up-to-date.
 - Reporting: ERP software helps make reporting easier and more customizable. With improved reporting capabilities, your organization can respond to complex data requests more easily. Users can also run their own reports without relying on help from IT.

- Customer Service: It's easier to provide high-quality customer service using an ERP system.
- Security: ERP system provides improved accuracy, consistency and security of data. Restrictions to data can also be enhanced.

4.3.6 Elaborate giving suitable examples on how the learning activities and technologies deployed (access to on-line teaching - learning resources, independent learning, ICT enabled classrooms/learning spaces etc.) by the institution place the student at the centre of teaching-learning process and render the role of a facilitator for the teacher.

• SUPER RESOURCE CENTRE:

- Sanjivani College of Engineering, Kopargaon is a Resource Centre for Spoken Tutorial Project by IIT Bombay with effect from 1/2/2013 which is working for the National Mission on Education through ICT, aiming at "Making India IT Literate"
- IIT Bombay promoted Sanjivani College of Engineering as a Super Resource Centre with effect from 20/11/2014 because of great and excellent work by college.
- STTP for school teachers is conducted in the college which is a Spoken Tutorial based self-learning workshop to create awareness about FREE and OPEN SOURCE SOFTWARE (FOSS).

• KNOWLWEDGE CENTRE:

- Sanjivani College of Engineering, Kopargaon is a Knowledge Centre for Spoken Tutorial Project by IIT Bombay since 19/02/2016.
- Under this there is a Spoken Tutorial Project by IIT Bombay which is a part of the National Mission on Education through ICT, MHRD, Govt. of India to spread IT Competence all over India.
- It is a self-learning Audio-Video teaching tool which students can use to learn a variety of Open Source Software on their own.
- It helps to train the students on General IT Skills, Programming and Esoteric Software and Specialized Software.
- o The course provides employable skills and helps to improve academic performance and because of Govt. funding the course, training and

certificate are free of cost.

• E-PRAYOG OF VIRTUAL LAB PROJECT by IIT BOMBAY:

- e-Prayog IIT Bombay provides the online laboratory facility to operate instruments used in the experimental set-up; measure different quantities and thereafter analyze the experimental data; and work collaboratively.
- e-Prayog IIT Bombay had conducted workshop on Reconfigurable Hardware and provided 10 Helium and 4 Krypton kits of CPLD Boards to our institute.
- A workshop on Scilab, an open source computing software alterative to AMTLAB is conducted regularly for students of institute.

4.3.7 Does the Institution avail of the National Knowledge Network connectivity directly or through the affiliating university? If so, what are the services availed of?

- The link is provided by Savitribai Phule Pune University, Pune for Turnitin; a leading academic plagiarism checking software/technology for teachers and students.
- Using this link, dissertations and research papers of PG students are checked for plagiarism.

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)?

Bottom up approach is used in preparing the budget for maintenance and upkeep of the facilities. Following table shows allocation and utilization of budget for repair and maintenance:

Maintenance of Campus Facilities Amount in Lacs:

C	Facilities	2012-2013		2013-2014		2014-2015		2015-2016	
Sr. No.		Budget	Expenses	Budget	Expenses	Budget	Expenses	Budget	Expenses
1	Building	32.00	43.29	33.60	15.87	40.00	34.63	30.00	63.75
2	Furniture	05.50	02.01	02.00	03.10	01.50	03.69	02.50	02.83
3	Equipment	13.33	01.14	15.38	01.43	20.10	02.45	14.88	01.24
4	Computers	24.18	39.68	19.75	20.77	26.00	64.45	33.00	29.89
5	Vehicles	10.23	20.29	06.26	16.51	17.50	31.81	11.03	35.90
6	Sanitation	12.00	04.38	10.00	06.68	19.00	20.00	15.00	27.17
	Total:	97.24	110.79	86.99	64.36	124.1	157.03	106.41	160.78

4.4.2 What are the institutional mechanisms for maintenance and upkeep of the infrastructure, facilities and equipment of the college?

Following are the details of maintenance and upkeep of infrastructure, facilities and equipment of college:

Infrastructure and Facility	Maintenance Description
Land built up area exclusively for the institution Land:10.05 acres Built-up floor space: 18,811 sq. m	 Cleaning work of passages, washrooms, outer wall area of Administrative buildings, staff quarters, boys hostels, girls hostels, internal roads of campus, boys and gents common rooms and other cleaning work is given to M/s B. V. G. India Ltd. The team of 33 housekeepers (including two supervisors) works against it. Well-furnished class rooms are cleaned
Class Rooms	every day by peons of respective departments and its record is maintained.
Tutorial Rooms	Tutorial rooms are cleaned every day at departmental level.
Laboratories	 Laboratory in-charge, laboratory assistant and laboratory attendant look after cleanliness and maintenance of laboratories. Every year budget for new dead stock equipments, consumables and maintenance is proposed to management through HOD and Principal. List of non-repairable equipments/instruments is prepared by concerned faculty in-charge, laboratory assistant in consultation with HOD and forwarded to Principal for Write-Off approval.
Seminar Halls	Maintenance of seminar halls of every department is done by technical assistant of that department.
Equipment	 All laboratories of every department have maintenance register. Equipments are regularly monitored. A team of experts look after Write-Off ofmaterial.

	• Team of technicians of System department,
Computers	laboratory in-charge is responsible for
	maintenance of computers.
	• After six months paste control is done.
	Book shelves, racks and entire library are
Central Library	daily cleaned using vacuum cleaner.
	Naphthalene pellets are kept in racks as a
	part of maintenance.
Dept. Library	Every department has departmental library
Bept. Elerary	and it is taken care at departmental level.
	System head, System administrator and
Internet	team of technicians look after the
memer	maintenance of daily band width, usage,
	band width allocation and sharing.
	Institute has electrical maintenance
Electricity	department, which looks after entire
	maintenance of electricity.
	Sufficient water is made available to cater
	the need of water for drinking as well as
	other purposes.
Water	Ample RO water is provided in campus as
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	well as hostels. For washrooms, garden
	sufficient water is made available.
	• Cleaning of water tanks, maintenance of
	RO system is done periodically.
	• Institute has separate department for Civil
Civil Maintenance	Maintenance to look after all the
	requirements and maintenance of buildings
	and all related structures.
	• A team of Security officer, Mr. Kopare M.
	L. (Ex. Subhedar Major), 1 assistant
	Security officer, 4 supervisors and 47
Security	security watchmen look after security of
	entire campus including hostels.
	• The team works in shift for 24×7 .
	Whole campus is under CCTV camera.
	Institute has a garden department to look
	after landscaping, open auditorium and
Garden	saplings, trees in campus etc.
	• This department helps in maintaining the
	campus green and nature friendly.

4.4.3 How and with what frequency does the institute take up calibration and other precision measures for the equipment/instruments?

- Institute has high precision instruments such as CRO, function generator, power supply etc.
- Many types of equipments purchased from suppliers are well calibrated.
- Laboratory in-charge and technical assistant look after proper functioning and maintenance of equipments.
- Periodically major equipments are checked and corresponding entries are made in maintenance register (as per ISO)

4.4.4 What are the major steps taken for location, upkeep and maintenance of sensitive equipment (voltage fluctuations, constant supply of water etc.)?

- Institute has separate substation and two D. G. sets installed properly as per I. E. rules, inspected by electrical inspector.
- Maintenance: Maintenance of all equipments including transformer, D. G. set, panel board, circuit breakers etc. is done periodically.
- Fire extinguishers are installed at various locations.
- As institute is having separate substation, there are no voltage fluctuations, however circuit breakers are installed.

Transformer Specifications:

Name of the Manufacturer	Kirloskar
KVA	500
Voltage	11000/433 Y
Ampere	L. V. Side 667 Amp.
% Impedance	4.91
Frequency	50 Hz
Vector Group	Dyn 11
Oil	422 litres
Type of Winding	Δ/Υ
Type of Cooling	ONAN
Total mass	1870 kg





Transformer

Substation

Constant Supply of Water:

- Institute has a common RO purifying unit having capacity 3000lit/hr.
- Exclusively for RO unit, raw water storage tank with capacity 50,000 litre is made available.
- For purification purpose additional underground storage tank of 1.25 lac litre is available.
- For other purposes, water is available in the form of a storage well of capacity 2.00 lac litre.

(Any other relevant information regarding Infrastructure and Learning Resources which the college would like to include)

• e-bus Facility:

- Institute has e-bus facility with 20 Laptops, 1 projector, net setter and setup of Computer lab.
- Under this project training is given to the students from various schoolson the course 'Basic Computer Operation'
- Students are trained for basic information of hardware and software including internet and its uses.
- 2800 students are trained under this project.





Transport facility

e- Bus facility



Ambulance

Self Study	Report	SSR
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STUDENT SUPPORT AND PROGRESSION



Self Study	Report	[SSR]
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CRITERION V:

STUDENT SUPPORT AND PROGRESSION

5.1.Student Mentoring and Support

5.1.1. Does the institution publish its updated prospectus/handbook annually? If 'yes', what is the information provided to students through these documents and how does the institution ensure its commitment and accountability?

'Yes', our Institute publishes prospectus annually. The prospectus is updated annually. It provides information on the founders, mission and vision, courses offered, department information, central facilities and campus activities, University rank holders, admission procedure and ragging acts. Information brochure is given to the students along with application form. Apart from this institute publishes academic calendar at the beginning of every semester as per University guidelines, it includes information about dates on which attendance to be displayed, holidays, PR/OR Mock examination, and term wok submission is to be done. Also every department publishes academic planner at the beginning of every semester, it includes details of curricular, co-curricular and extracurricular activities.

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

Academic scholarships:

For encouraging the students in Academics, the institute awards cash prizes for University rank holders, class toppers and individual subject toppers. The details are as follows:

Sr.	Academic	University	Rank	Class Top	pers	Subject To	ppers
No.	Year	Holder					
		No. of	Amount	No. of	Amount	No. of	Amount
		Students	(Rs)	Students	(Rs)	Students	(Rs)
1	2012-2013	1	3001.00	36	92000.00	142	35500.00
2	2013-2014	2	6002.00	36	92000.00	142	35500.00
3	2014-2015	3	9003.00	36	90000.00	174	43500.00

	Total Students:782		(Gross Amo	ount: F	Rs.540006.0	00
	Total	8	18006.0	144	364000.0	632	158000.0
4	2015-2016	2	-NA-	36	90000.00	174	43500.00

Institute offers scholarship apart from the government scholarships based on student's performance and those students who are not getting any scholarship, they get the scholarship by Sanjivani Foundation. Moreover, students are provided assistance to get scholarship from other organization like minority scholarship and other trusts.

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

The institution has a dedicated team of administrative staff who look after the freeships and scholarships which are available to the students. In the beginning of the academic year students are informed about the various freeships and scholarships which are available to them.

- 1. Students from open category whose family income is less than Rs. 1 lakh per annum gets 50% scholarship in their tuitionfees from State government.
- 2. Students from SC/ST/VJ/NT/SBC category get 100% scholarship in their tuitionfees from state and central government.
- 3. OBCstudents get 50% scholarship in their tuition fees from state government.
- 4. J & K migrants scholarship.

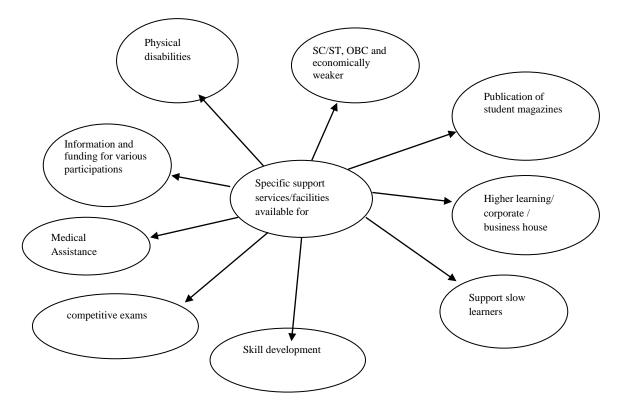
Percentage of First Year students (Intake-540) who have received scholarships inthe year 2015-2016, the details are as under:

Type of Scholarship	Agency	No. of students those have received financial assistance
Scholarship &	State Govt.	16.11%
Free ship (EBC)		
SC	State& Central Govt.	9.63%
ST	State & Central Govt.	11.85%
VJ/NT	State Govt.	12.77%
SBC	State Govt.	1.48%
OBC	State Govt.	40.18%

Moreover,PG students admitted through GATE gets stipend from the central government.

5.1.4. What are the specific support services / facilities available for

- Students from SC/ST, OBC and economically weaker sections
- Students with Physical disabilities
- Overseas students
- Students to participate in various competitions/National and International
- Medical assistance to students: health center, health insurance etc.
- Organizing coaching classes for competitive exams
- Skill development (spoken English, computer literacy, etc.)
- Support for "slow learners"
- Exposures of students to other institution of higher learning / corporate / businesshouse etc.
- Publication of student magazines



Students from SC/ST, OBC and economically weaker sections:

- 1. Institute has "Karmaveer Bhaurao PatilEarn and Learn scheme" in association with SPPU, Pune.
- 2. Students are provided free books form the book bank. They are allowed to use the reading room facility for extended period of time which includes all holidays. Book bank facility is available in Central Library.
- 3. Soft skills development activities are conducted for SC/ST students free of charge.

Students with Physical disabilities:

- 1. Special seating arrangement is made during SPPU, Pune examinations.
- 2. Preferences for issue and exchange of books in library.
- 3. Students with Physical disabilities are provided with support services like availability of lift, ramp, wheel chair if needed, and supporting staff help as attendants.

Overseas students: At present institution does not have overseas students.

Students to participate in various competitions/National and International:

- Information regarding various national and international conferences, seminars, project competitions, model makings, sports are notified to students through
 - Notice Boards
 - Websites
 - Announcement by teachers in class
- 2. Special guidance by faculty.
- 3. Extended library facilities.
- 4. Laboratory usage is extended.
- 5. TA / DA facility for students for participation in State / National level events.

Medical assistance to students: health center, health insurance etc.

- 1. First aid boxes are available in all departments at various places.
- 2. Dispensary is available on campus. Medical facilities are made available for students.

- 3. Hospital is within reach where students are given free medical facility.
- 4. Ambulance is available.
- 5. Students are covered under Medical / Health insurance scheme. Our students are covered under the personal Accident Policy of the value of Rs.2,00,000 for each student & hospital expenses up to Rs 25000.00.

Organizing coaching classes for competitive exams

- 1. Faculty guide for the students for various competitive examinations at Institute and department level.
- 2. External and internal coaching classes on GATE are conducted.
- 3. Periodical guidance from experts is arranged.
- 4. Mock interviews and aptitude tests are taken.

Skill development (spoken English, computer literacy, etc.):

Soft skills training by Academy of Professional for Aptitude Research and Training (APPART), Puneand SCOUT Technologies, Pune is provided on campus.

- Expert lectures on career planning are arranged.
- Mentor meetings are arranged for providing expert training on soft skills.
- Soft skills development activities are undertaken for improving
 - o Communication skills.
 - o Practicing group discussions.
 - o Improving the confidence level of students during interviews
- Special English teacher is appointed in the Institute to train our students in English.
- Language laboratory facility is available.

Support for slow learners:

- 1. Mentorship scheme for guidance is available. One to one, student and faculty discussions are held for particular topics.
- 2. Provisions are made in weekly time table for conducting additional / remedial lectures for slow learners.
- 3. Question bank and Set of question papers of previous University examinations are available in all the departments.
- 4. MOCK examination is conducted for all students to improve performance in PR/OR examination.

5. Re-tests are conducted for those who need to improve in their internal assessment tests.

Exposures of students to other institution of higher learning / corporate / business house etc.

- 1. Students are motivated to participate in IIT Tech-fests and Symposium.
- 2. Students are motivated to participate in the activities of NODAL CENTER of e-prayog, Virtual lab. (Electronics) and super resource center under Spoken Tutorial project IITBombay. Which is under National Mission on education through ICT, MHRD, Govt of India.
- 3. Students are motivated to participate in theRobotics completion through eLSI lab of e-yantra, IIT, Powai,Bombay.
- 4. Visits to regional level and national level exhibitions are organized.
- 5. Students are motivated to participate in discussion forums, technology competitions, workshops, seminars and conferences organized by various organizations/institutions.
- 6. Visits to core industries are arranged. The details of industries visited are as given below:

Industrial Visits

Sr.No.	Company Name	Date	No. of Students			
Acader	Academic Year 2012-2013					
1	GMRT, Khodad, Pune	28/2/2013	89			
2	BSNL, Kopargaon	22/02/2013	120			
3	GMRT, Khodad,Pune	17,24,31/8/2012	96			
4.	Jayakwadi power plant,Paithan,	09/8/2012	122			
	Aurangabad					
5.	Waste Water treatment plant, Nasik	27/9/2012	69			
6	BP Sangale construction	12/02/2013	78			
	Pvt.Ltd.,Sinner					
7	VRDE,Ahmednagar	20/9/2012	30			
8	IGTR,Aurangbad	21/9/2012	96			
9	Volkswagen India Pvt. Ltd. Chaken,	01/3/2013	96			
	Pune					

Acader	Academic Year 2013-2014					
Sr.No.	Company Name	Date	No. of Students			
1	Dahanu Thermal Power	05/02/2014	36			
	Station, Dahanu					
2	Akashwani Kendra, Aurangabad	04/09/2013	90			
3	G.M.R.T,Khodad, Pune	30/08/2013	90			
4	Suzlon Energy Ltd,Supa Ahmednagar	10.08/2013	47			
5	SCIENTECH,Indore	07,08 /08/2013	86			
6	AM Patel Infra project Pvt.	14/08/2013	129			
	Ltd.Aurangabad					
7	Jayakwadi dam& WALMI,Aurangabad	19/09/2013	142			
8	Sewage treatment plant, Tapovan, Nasik	28/09/2013	130			
9	Ashoka RMC,Sural,Nasik	24/02/2014	151			
10	Pokharkar Agro Industries ,Sangamner	14/08/2013	40			
11	Maganlal Food Product,Lonavala	02/03/2014	40			
12	Logic Bits Pvt. Ltd.Pune	12/02/2014	50			
13	Champ Engineering Pvt.Ltd. Koregaon	17/8/2013	47			
	Bhima,Pune					
15	Central Railway Workshop, Manmad	20/8/2013	140			
16	Tarapur Atomic Power Plant, Mumbai	02/5/2014	48			
Acader	nic Year 2014-2015		1			
Sr.No.	Company Name	Date	No. of Students			
1	All India Radio Station, Aurangabad	23/3/2015	12			
2	Dahanu Thermal Power	14/01/2015	50			
	Station, Dahanu					
3	TETRA Communication System,	23/09/2014	49			
	LAVASA,Pune					
4	Copper Track, Nasik	16/09/2014	50			
5	Devan Realities & Octazone	02/09/2014	75			
	Esmeralde,Paithan Road Aurangabad					
6	Bhandardara Dam, Akole, Ahmednagar	13/09/2014	105			
7	Water treatment plant, Muncipal	13/3/2015	165			

	Council, Nasik		
8	Volkswagen India Pvt. Ltd Chaken,	02/3/2015	46
	Pune		
9	Nuclear Power Plant Tarapur, Mumbai	12,13/3/2015	95
Acade	mic Year 2015-16		
Sr.	Company Name	Date	No. of Students
No.			
1	TAACT, Nashik	20/03/2016	41
2	Automation and control systems, Pune	12/03/2016	44
3	Copper Track, Nasik	11/08/2015	48
4	Suzlon Energy Ltd,Supa, Ahmednagar	22/08/2015	51
5	All India Radio Station, Aurangabad	23/3/2015	12
6	Dahanu Thermal Power	14/01/2015	50
	Station, Dahanu		
7	Hamon Finochem Ltd. Aurangabad	22/08/2015	57
8	Sewage treatment plant,Lavasa and	10,11/09/2015	109
	Precast India Pvt.Ltd.Wagholi,Pune		
9	Water treatment plant,Nilgiri	11/02/2016	119
	Baug,Nandur Naka,Nasik		
10	Adigo Forge,Pune	21/8/2016	45
11	Persistent Pvt. Ltd., Pune	26/03/2016	30
12	Indo-German Tool Room, Aurangabad	09/7/2015	65
13	Volkswagen India Pvt. Ltd Chaken,	24/3/2016	45
	Pune		

Publication of student magazines

Institute publishes Sanjivani bulletin once in a semester for students which include technical articles. Annual magazine SANJIVANI published once in a year that includes English, Marathi, Hindi, sketches, articles and photographs which reflects students' talent. Also departmental newsletter is regularly published once in a semester.

5.1.5. Describe the efforts made by the institution to facilitate entrepreneurial skills, among the students and the impact of the efforts.

To facilitate entrepreneurial skills among the students, various efforts are put in place, like:

- 1. EDC is set up by the institute.
- 2. Seminars, workshops and expert lectures on Entrepreneurship awareness are organized.
- 3. Teachers encourage students to work on projects based on successful entrepreneurs so as to motivate them to develop entrepreneurial skill for self employment.
- 4. Study tours and industrial visits are organized for students.

Impact of the efforts:

These activities help in boosting self confidence of the students which further enhances the development of their entrepreneurial skills.

Under the vision of "Make in India" many students of the Institute have become entrepreneurs. The details of entrepreneurs are as below:

Sr.	Name of Alumni	Name of Enterprise	Designation
No.			
1	Mr.Vivian Singh	Strontium Tecnologies Pte Ltd,	President &
		Singapore	CEO
2	Mr.Dipak M. Ghule	MicroEmbedded Technologies	
		Aundh, Pune-411007	Director
3	Mr.Sandeep Sharma	PMI Associates,114, G.H-3,	
		Paschim Vihar, Milap Apartments,	Director
		New Delhi - 63	
4	Mr.Jitendra Nene	CAB CRAZY, Pune	Director
5	Mr.Nitin Bagrecha	Hem Infotech, Kopargaon	Director
6	Mr.Deepak Jondhale	Devsree Enggg Services, Nasik	Director
7	Mr. Navdeep Singh	Deep Engineers & Co. 35,SMIE,	Director
	Sindhu	phase 1, Mathura Road, Faridabad,	

		Uttar Pradesh	
8	Mr.Rahul Jejurkar	Govt.Contractor	Director
9	Mr.Satish Arjun		Director
	Kurhade	Govt.Contractor	
10	Mr.Vikram Lodha	Lodha Caterers &	Director
		Mangalkaryalay,Kopargaon	
11	Mr.Kiran Gondkar	Shri Appaji Enterprise Pvt. Ltd,	Director
	Wir.Kiran Gondkar	Shirdi	
12	Siddhartha Bhansali	MaxTech Pvt. Ltd, Kopargaon	Director
13	Tushar Shinde	Compassite Software Solutions Pvt.	Director
		Ltd Pune	
14	Avinash Gawali	Earth solution pvt. Ltd.,Pune	Director
15	Shrikant Zavar	Tech Revolution Solution Pvt. Ltd,	Director
		Pune	
16	Tushar Ajgaonkar	Talesmith Entertainment Pvt.	Director
		Ltd,Mumbai	
17	Mohashish Kharde	Khardepatil Developers,Pune	Director
18	Ronit Wagh	Dreamwarez Solution Pvt.Ltd,Pune	Director
19	Sambhaji Chawale	Primus Tech Solution,Pune	Director
20	Shrikant Shete	Anka Technology, Pune	Director
21	Ajay Borawake	Gearspect India Pvt. Ltd,Pune	Director
22	Anil Zope	N.B.Technologies,Pune	Director
23	Ravindra Kolhe	N.B.Technologies,Pune	Director
24	Ajay Longani	Admach Systems Pvt.Ltd,Pune	Director

5.1.6 Enumerate the policies and strategies of the institution which promote participation of students in extracurricular and cocurricular activities such as sports, games, Quiz competitions, debate and discussions, cultural activities etc.

^{*} Additional academic support, flexibility in examinations

^{*} Special dietary requirements, sports uniform and materials

^{*} Any other

- 1. Institute strongly promotes participation of students in extracurricular and cocurricular activities.
- 2. The Institutional strategies include the provision of financial, academic and infrastructural support.
- 3. At the start of the academic year students are called for participation in sports and extracurricular activities.
- 4. Teams are formed according to the selected students.
- 5. Institute participates in inter institutional, University level, National, International level and state level activities.
- 6. Attendance is compensated for leave of absence for the students participating in Sports and cultural events. Also at the university level under ordinance O-163 provision has been made for incentive marks for meritorious sportsman every year.
- 7. Provided dietary requirements, sports uniform and other material.
- 8. Separate Sports cell exists at the Institute which takes care of the needs related to sport activities.
- 9. Record of participants is conveyed to the university where students are granted marks for participating in sports at national and international levels.
- 10. Students are felicitated and awarded at the Institute for their remarkable performance in sports or cultural activities.
- 11. Won prizes at the prestigious DIPEX competition, State level Project exhibition.
- 12. Won prizes at national level student awareness contest organized by IEEE, Pune section.
- 13. A National level technical fest, State level TECHNOSANJIVANI, is annually organized at the Institute.
- 14. Travelling Allowance, Registration fee and additional expenses of the students for sports activities and other competitions, participation are reimbursed by the Institute.
- 15. Also, departments organize technical events like workshops, seminars and expert lectures through departmental associations.
- 16. Institute organizes annual social gathering in which various cultural events, like Interdepartmental Competition, Dance Night, Musical Night, Artsand Crafts Event, ComedyShow, Sanjivani Girls Event and Fun and Fai are organized.

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-CSIR- NET, UGC-NET, SLET, ATE / CAT /GRE / TOFEL / GMAT / Central /State services, Defense, Civil Services, etc.

- 1. Institute provides guidance for students appearing for the competitive exams. This activity is parented by respective departmental associations. Departmental association provides support and guidance to the students in various forms.
- 2. Students seeking admission for higher studies abroad are given recommendations by the concerned authorities.
- 3. Students appeared and qualified in various competitive exams are as follows:

A: Appeared Q: Qualified

Sr. No.	Year	GA exa		Ci serv			ense vices	GI	RE	TOE	FL
NO.		A	Q	A	Q	A	Q	A	Q	A	Q
1	2012-13	265	15	09	09	00	00	00	00	00	00
2	2013-14	317	14	05	05	01	01	03	03	03	03
3	2014-15	334	21	00	00	00	00	00	00	00	00
4	2015-16	438	14	00	00	00	00	00	00	00	00

5.1.8. What type of counseling services are made available to the students (academic, personal, career, psycho-social etc.).

The Institute has a well established student mentoring system. At institute level a committee is constituted to conduct mentor activities. The details of committee is as given below:

Sr.No.	Name of Faculty	Department	Designation
1	Prof.R.G.Zope	Electronics &	Lead
		Telecom Engg.	
2	Prof.N.S.Naik	Civil Engg.	Member
3	Prof.L.S.Dhamande	Mechanical Engg.	Member
4	Prof.R.N.Kankarale	Info.Tech.	Member
5	Ms.C.V.Longani	Computer Engg	Member
6	Prof. C.P.Pawar	Electronics & Tc	Member
		Egg	
7	Prof.V.M.Tidke	MBA	Member

As per the academic calendar of the Institute planning of mentor activities is done at the beginning of every semester. The mentor activities includes aptitude tests, presentationskills, written skills, debate, group discussion, resume writing, mock interview etc. The mentor activities are conducted as per the schedule prepared. The Institute has a structured support and mentoring mechanism with Dean, Mentor as the functional Head and Principal as the Executive-Head. Heads of the respective Departments and senior faculty, under the guidance of the Principal, supervise the mentorship scheme. Apart from Class coordinator individual mentors are assigned some groups for personalized attention and counseling. A group of 20 mentees are put under a mentor who will take care of the overall development of the mentee till he/she passes out from the Institute. Mentor meetings are arranged once in a fortnight for providing expert training on soft skills. Also, if mentor recognizes any personal and psycho-social issue of the mentee, relative counseling is arranged by bringing it to the notice of higher authorities.

Different types of counseling like: academic Counseling, Career Counseling and Personal & Psychosocial Counseling are made available to the students whose details are given below:

Academic Counselling

- Interaction with the Principal, HODs, senior faculty and respective mentors.
- Extra Lab sessions for practice
- Tutorials for subjects other than mentioned in University syllabus.
- Focus on solving numerical and frequently asked questions.

Career Counselling

- Guidance for placements and higher studies.
- Training on soft skills, group discussions, personal Interviews etc.
- Interaction with TPO and other placement coordinators of respective department.

Personal and psycho social Counselling

- Counselling on emotional, social, mental and spiritual issues.
- Individual as well as group counselling.
- Professional counselling like art of living and yoga.

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 selected during campus interviews by different employers (list the employers and the programmes).

Yes, the Institute has a structured mechanism for Training and placement of students. Career guidance and placement activities are taken care by the Training & Placement(T&P) cell of the Institute.

The major activities conducted by T & P cell are:

- 1. Collecting and maintaining students data.
- 2. Maintaining list of companies / organizations with address and contact details of the concerned Human Resouce Manager.
- 3. Establishing and maintaining Industry Institute interaction.
- 4. Informing students about the jobs offered by government and other agencies.
- 5. Arranging on-campus and off-campus drives.
- 6. Collecting feedback from industry and employers; and utilizing it in a positive way.
- 7. Arranging tailor made training programmes for students which shall ensure placements.
- 8. Maintaining liaison with alumni.

The details of campus placements are as follows:

Sr.No.	Department	Number of students placed			d
		2012-2013	2013-2014	2014-2015	2015-2016
1	Computer	8	13	40	56
2	Information Technology	7	1	4	49
3	Electronics & Telecommunication	3	10	07	49
4	Mechanical	21	8	12	67
5	Civil	37	03	10	7
6	MBA	29	31	34	28

The major employers of our institute are:



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.

Yes. As directed by All India Council for Technical Education (AICTE), New Delhi, Grievance Redressal Cell is formed at the Institute to process various grievances raised by the students. One of the forums to accept day to day student's suggestions through the Suggestion box. Institute keeps suggestion boxes at various places wherein stakeholders can freely drop their grievances, suggestions, and requests. Cognizance of all these is taken by concerned authorities and appropriate response is acknowledged. Till date no major grievances reported. The committee is constituted for Students Grievance Committee (2016-2017) is as below:

Sr.No.	Name of the members	Category	Designation
1	Dr. D.N.Kyatanavar	Principal	Chairman
2	Dr. M.S.Purkar	HOD,Civil	Member
3	Dr. B.R.Shinde	FE Co-ordinator	Member
4	Dr. A.B.Pawar	SAC I/C	Co-ordinator

5	Dr.M.A.Jawale	Ladies representative	Member
6	Mr. Yogesh Ingale	Cultural Secretary	Student
			Member
7	Miss. Bhagyashri Kadam	Ladies representative	Student
			Member
8	Shri V.B.Shelke	Office Superintendent	Member
			Secretary

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

Institute has Internal Complaints Committee according to the Indian Penal Code Act 2013 "Prevention Prohibitionist and Redressal Act". Orientation and awareness programs are organized for students. Institution takes necessary steps for the incidents pertaining to sexual harassment as per the law. The committee is constituted for Prevention of sexual Harassment of women (2016-2017) is as below:

Sr.No.	Name of the members	Category	Designation
1	Dr. D.N.Kyatanavar	Principal	Chairman
2	Dr. D.B.Kshirsagar	HOD,Comp.	Member
3	Mrs.S.R.Dandwate	Asst. Professor	Co-ordinator
4	Mr.Akshay Thakur	General Secretary	Student
			Member
5	Miss.Sai Nawalpure	Ladies representative	Student
			Member
6	Mrs. Neeta Patil	Social worker	Member
7	Mrs. S.G. Jawed	Legal Expert	Member
8	Shri Bhavsar K M	Office Superintendent	Member
			Secretary

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?

The Institute has set up an Anti-Ragging committee. It comprises of the Head of the Institution along with representatives of faculty members, nonteaching staff, and representatives of parents. Till date, no incident of ragging of any kind has been reported in the Institute. The anti ragging Committee (2016-2017) constituted is as given below:

Sr.No.	Name of the members	Category	Designation
1	Dr. D.N. Kyatanavar	Principal	Chairman
2	Dr. B.S. Agarkar	HOD,E&Tc	Member
		Engineering	
3	Dr.M.V. Jadhav	Chairman, Antiragging	Co-ordinator
		Squad	
4	Prof.N.D. Kapale	Chief warden	Member
5	Mrs.Chetana Longani	Ladies staff	Member
6	Mr. Hemant Rathi	Parent Representative	Member
7	Mrs. S.I. Sayyad	Rector Ladies Hostel	Member
8	Shri Bhavsar K M	Office Superintendent	Member
			Secretary

5.1.13. Enumerate the welfare schemes made available to students by the institution.

Student's welfare schemes:

- 1. Karmaveer Bhaurao Patil Earn and Learn Scheme.
- 2. Health Services.
- 3. Women Welfare
- 4. Book bank scheme
- 5. Sanjivani foundation

Karmaveer Bhaurao Patil Earn & Learn Scheme:

Savitribai Phule Pune University,Pune is running Karmaveer Bhaurao Patil Earn & Learn Schemes which is the prominent activity of Board of Students Welfare SPPU, Pune. Sanjivani College of Engineering, Kopargaon has implemented this scheme since 2005-06. This academic year 2015-16 also the college has implemented this scheme. The main aim

of the scheme is in today's education scenario not only to educate the students technically and research point of view but to develop the students considering social and cultural aspects. For this scheme 100% of actual expenditure for SC & ST Category students &75% of other category students is borne by the University. College has to bear the remaining 25% expenses.

This academic year forty four students from first year to final year from all branches have been selected to work under the scheme. The scheme commenced in the month of August 2015 and ended in the month of February 2016. An expenditure of Rs. 3, 07,920.00 has been incurred for the implementation of the scheme in this academic year.

An advisory committee is formed for smooth running of the scheme which includes the principal as the president, two faculty representatives, one local social worker, one nonteaching representative and Students Welfare Officer. Under this scheme poor and needy students with good academics record are selected each year. Applications in the prescribed form provided by the University are invited from the interested students. The applications are scrutinized and the students are interviewed by the committee. List of selected students is displayed on the college notice board. The selected students are allotted the work in different offices such as Hostel, Gymkhana, Library, Internet center, Reading hall, etc. Each student has to work two to three hours dailyand they are paid Rs. 30/- per hour at the end of the month. The payment is made through cheque in the individual saving account of the student in the Ahmednagar District Control Co-Operative Bank, Sanjivani Factory Branch.

Health Services:

- Dispensary is available on College campus. Medical facilities are made available for students.
- Once in a week Institute conduct programs on yoga and/or art of living for the students.
- Students are covered under health insurance scheme.

Women welfare:

 Institute has organized the Vidhayrthini Arogya Prabodhan Program for girl students which included lecture series conducted on various topics such as depression, self defense, sexual harassment, stress management and gender sensitization, etc. Also introduction to laws and regulations related to women have been organized for girls.

• Hemoglobin check up of girl students was organized at the Institute

Book bank scheme:

Book bank facility is available in central library.

Sanjivani foundation:

Institute offers scholarship based on student's performance to those students who are not eligible for any other scholarship from government. This scholarship is offered through Sanjivani Foundation.

5.1.14. Does the institution have a registered Alumni Association? If 'yes', what are its activities and major contributions for institutional, academic and infrastructured evelopment?

Yes. Institute has alumni association as SANJIVANI Engineering Students Alumni Association registered with Charity Commissioner, Ahmednagar, with Registration No. MAH/ 174/ 02/ Ahmednagar, dated 08/03/2002. This was established on 08/3/2002 as SANJIVANI Engineering Student Alumni Association. As on today more than 6000 alumnis have registered with this association. This association has establishes local chapters at Kopargaon, Nasik, Pune, Mumbai, Delhi and Bengaluru.

The executive body of this association is as given below:

Sr. No.	Name of the Member	Designation
1	Hon.Shri. Amitdada Nitinrao Kolhe	Trustee
2	Dr.D.N. Kyatanavar	Principal
3	Prof.P.M. Patare	Lead Alumni
4	Prof. K.S Sharma	Secretary and Dept co-ordinator
		(E&Tc)
5	Prof.Y.A. Bhavsar	Treasurer
6	Prof.A.A. Shaikh	Dept.Coordinator (Mech.)
7	Prof.B.J. Dange	Dept.Coordinator (Comp.)
8	Prof.Y.A. Aher	Dept.Coordinator (MBA)
9	Prof.M.B.Gawali	Dept.Coordinator (IT)

10	Prof.M.G. Ghodale	Dept.Coordinator (Civil)
11	Prof. N.D. Sadaphal	Member (Mech.)
12	Prof.S.N. Gunjal	Member (Comp.)
13	Prof.S.A. Patare	Member (Civil)
14	Prof.S.S.Pawar	Member (E&Tc)
15	Prof.R.R.Nikam	Member (IT)
16	Dr.Ms.M.A.Jawale	Ladies Representative (IT)
17	Prof. Ms. N.L.Chokar	Ladies Representative (Comp.)
18	Prof. Ms.G.N.Sarangdhar	Ladies Representative (Civil)
19	Prof. Ms.A.S.Chavan	Ladies Representative (Mech.)
20	Prof. Ms.S.S.Gondkar	Ladies Representative (E&Tc)

Major activities and contributions of this association are:

- 1. Networking with alumni
- 2. Arranging alumni meets
- 3. Creating alumni chapters
- 4. Conveying institute updates to alumni
- 5. Getting feedback from alumni
- 6. Maintain record of alumni contributions like expert lectures, placement activities.

5.2. Student Progression

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

Student progression (2012-2013)	Percentage
UG to PG	9.45
PG to M.Phil.	NA
PG to Ph.D.	
Employed	
- Campus selection	23.73
- Other than campus recruitment	29.87

Student progression (2013-2014)	Percentage
UG to PG	9.05
PG to M.Phil.	NA
PG to Ph.D.	1.38
Employed	
- Campus selection	13.96
- Other than campus recruitment	28.64
Student progression (2014-2015)	Percentage
UG to PG	5.73
PG to M.Phil.	NA
PG to Ph.D.	2.95
Employed	
- Campus selection	21.75
- Other than campus recruitment	17.40
Student progression (2015-2016)	Percentage
UG to PG	
PG to M.Phil.	NA
PG to Ph.D.	
Employed	
- Campus selection	36.47
- Other than campus recruitment	

5.2.2. Provide details of the programme wise pass percentage and completion rate for the last four years (cohort wise/batch wise as stipulated by the university)? Furnish programme wise detail comparison with that of the previous performance of the same institution and that of the within the city/district.

The Institutes program wise pass percentage and completion rate for last four year is listed as follows for UG and PG courses.

UG courses passing percentage of the students of the Institute:

Department	Year wise % result					
(Engineering)	2012-2013	2013-2014	2014-2015	2015-2016	2016-17	
Computer	91.22	86.71	95.86	92.25	92.00	
Mechanical	89.65	83.56	84.89	71.42	95.00	
Elec.&Telec.	93.33	85.21	86.60	82.73	92.00	
Civil	81.81	91.20	93.06	85.80	94.82	
Information Technology	90.77	85.50	95.31	93.90	94.80	

UG courses passing percentage of the students of the University:

Department	Yearwise % result					
(Engineering)	2012-2013	2013-2014	2014 -2015	2015-2016	2016-2017	
Computer	85.00	87.00	91.00	90.00	97.46	
Mechanical	79.00	83.00	88.00	74.00	90.46	
Electronics Telecommunication	84.00	89.00	91.50	85.00	95.23	
Civil	75.00	86.00	88.00	77.00	93.08	
Information Technology	85.00	90.00	94.00	90.00	96.22	

PG courses passing percentage of the students of the Institute:

Department	Year wise % result				
(Engineering)	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Computer	88.88	68.75	81.25	91.66	Awaited
Electronics	66.66	77.77	93.75	75.00	Awaited
Civil	25.00	18.25	53.33	90.9	Awaited
Mechanical	25.00	29.41	72.72	80.00	Awaited
MBA	87.50	82.75	76.47	98.00	98.33

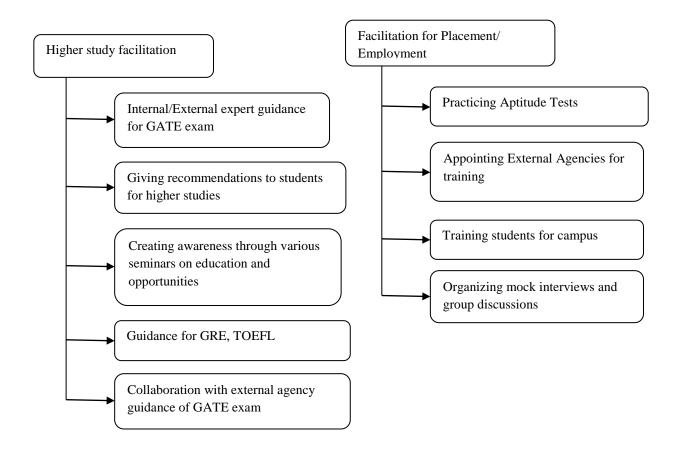
PG courses passing percentage of the students of the University:

Department	ment Year wise % result				
(Engineering)	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Computer	NA	NA	NA	NA	NA
Electronics	NA	NA	NA	NA	NA
Civil	NA	NA	NA	NA	NA
Mechanical	NA	NA	NA	NA	NA
MBA	77.00	75.47	73.39	82.74	79.94

5.2.3. How does the institution facilitate student progression to higher level of

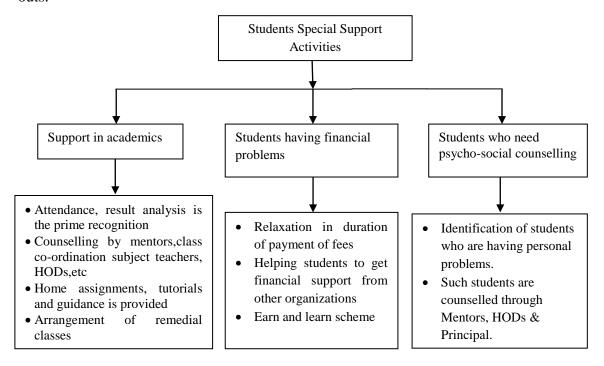
education and/or towards employment?

The Institute consciously facilitates students for higher education which is one of the objectives of the institute. Students are facilitated support for all sorts of higher education in the field of technical, management and allied courses.



5.2.4. Enumerate the special support provided to students who are at risk of failure and drop out?

There is a strategy to provide support for students who are at the risk at failures and drop outs.



5.3. Student Participation and Activities:

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

Students participate in various Sports and Games and win prizes:

Sports Events:

- 1. International level events
- 2. National level events
- 3. State level events
- 4. University events

Games:

1. Indoor Games:

Badminton, Tennis, Carrom, Chess, Weight – Lifting, power – Lifting

2. Outdoor Games:

Cricket, Football, Volleyball, Basketball, Hockey, Netball, Baseball, Lawn Tennis, Handball, Ball - Badminton, Athletics.

Cultural Events:

1. Annual event: 'SANJIVANI Annual Social Gathering'

SAAZ Group event

DANCE Group event

2. State level:

Bharatratna Dr.Babasaheb Ambedkar Debate Competition

3. National Level:

6thBhartiya Chhatra Sansad

Sports Activities

National Level (2012-2013):					
Sr.	Event	Date	Recognition /	No. of	
No.			Awards	Players	
	National Level Inter - Engineering	15/09/2012 to			
1	Tournament	20/092012	Winner	16	
	(SUMMIT'12), Baseball(Boys)				
	National Level Inter - Engineering	15/09/2012 to			
2	Tournament (SUMMIT' 12),	20/092012	Participation	4	
	Badminton (Boys)				
2	All India Inter-University Tournament,	18/01/2013	Participation	1	
3	Delhi University, Delhi Baseball (Boys)	to8/01/2013		1	
	All India Inter-University Tournament)	11/02/2013			
4	Maharishi Dayanand University,	to1/02/2013	Participation	1	
	Rohatak, Badminton(Boys)				
	All India Inter-University Tournament)	09/02/2013			
5	Jay Narayan Vyas University, Jodhpur.	to18/02/2013	Participation	1	
	Handball (Boys)				
State	Level (Inter-Zonal Tournaments)	(2012-2013):			
1	Badminton (Boys)	21/08/2012	Participation	2	
2	Badminton (Girls)	21/08/2012	Participation	3	

3	Baseball (Boys)	12/09/2012to	Participation	8
		3/09/2012		
4	Basketball (Boys)	14/09/2012to	Participation	1
	` ,	5/09/2012	1	
5	Handball (Boys)	03/10/2012to	Participation	4
	Trandoun (Boys)	6/10/2012		·
6	Handball (Girls)	06/10/2012	Participation	8
7	Volleyball (Girls)	08/10/to	Participation	1
	Volleyball (Glis)	11/10/2012	Farticipation	1
8	Doglarthall (Cirls)	17/10/2012to	Doutioination	1
8	Basketball (Girls)	8/10/2012	Participation	1
9	Fencing (Boys)	10/12/2012	Participation	2
10	Fencing (Girls)	10/12/2012	Participation	1
1.	Badminton (Boys)	03/08/2012	Winner	6
2.	Badminton (Girls)	03/08/2012	Winner	4
3.	Baseball (Boys)	03/09/2012to	Winner	16
		4/09/2012		
4	Handball (Boys)	24/09/2012	Runners - Up	12
5	Softball (Boys)	07/10/2012	Runners - Up	15
6	Athletics (boys)	30/10/2012	Winner and i)1st	
	i) Triple Jump		& 3 rd Place	
	ii) 4x100m Relay		ii) 3 rd Place	
	iii) 4x 400 m Relay		iii)3 rd Place	7
7	Fencing (Boys)	07/12/2012	Runners-Up	4
8	Table – Tennis (Boys)	20/12/2012	Winner	4
9	Table – Tennis (Girls)	20/12/2012	Winner	3

nte	rnational Level (2013-2014):			
1	Speed Time Trials M 300 M Open Men		5 th Place	1
	Championship Organized By			
	EasternDistinct Sports Association Roll			
	Ball Federation Of Hong Kong			
Vati	onal Level(2013-2014) :			
1	Notional Level Inter Engineering	20/09/2013 to	Winner	16
1	National Level Inter - Engineering		winner	10
	Tournament (SUMMIT'13) Baseball	24/09/2013		
	(Boys)	22/21/221		
2	National Level Inter - Engineering	23/01/2014 to	Winner	12
	Tournament (ZEST'14)	26/01/2014		
	Handball(Boys)			
State	Level (Inter-Zonal Tournaments) (2013-2014)):	
1	Football (Boys)	21/08/2013 to	Participation	1
		29/08/2013		
2	Baseball (Boys)	19/09/2013 to	Participation	2
		20/08/2013		
3	Basketball (Boys)	19/09/2013 to	Participation	2
		20/09/2013		
4	Volleyball (Girls)	26/09/2013 to	Participation	2
		02/09/2013		
5	Badminton (Boys)	03/10/2013	Participation	1
6	Badminton (Girls)	03/10/2013	Participation	1
7	Basketball (Girls)	07/10/2013 to	Participation	7
		08/10/2013		
8	Handball (Girls)	20/10/2013 to	Participation	5
8		21/10/2013		
8		21/10/2013		
9	Handball (Boys)	12/10/2013 to	Participation	3
	Handball (Boys)		Participation	3

11	Table –tennis (Girls)	10/10/2013	Participation	4			
12	Fencing (Boys)	30/10/2013	Participation	5			
University Level (Inter- Collegiate Tournaments) (2013-2014):							
1	Swimming (Boys)	21/08/2013	Runners-Up	1			
2	Badminton (Boys)	16/09/2013	Runners - Up	6			
3	Basketball (Girls)	23/09/2013	Winner	8			
4	Softball (Boys)	25/09/2013	Runners - Up	13			
5	Handball (Girls)	04/10/2013	Runners - Up	10			
6	Handball (Boys)	05/10/2013	Runners - Up	11			
7	Table – Tennis (Boys)	10/10/2013	Runners - Up	5			
8	Table – Tennis (Girls)	10/10/2013	Winner	4			
9	Fencing (Boys)	19/10/2013	3 rd Place	9			
Natio	onal Level (2014-2015):						
1	National Level Inter - Engineering	11/09/2014 to	Participation	16			
	Tournament (SUMMIT'14) Baseball	14/09/2014					
	(Boys)						
2	National Level Inter - Engineering	22/01/2015 to	Participation	12			
	Tournament (ZEST'15)	25/01/2015					
	Handball(Boys)						
3	All India Inter-University Tournament)	30/01/2015 to	Participation	1			
	Punjabi University, Patiyala. Fencing	02/02/2015					
	(Girls)						
4	All India Inter-University Tournament	03/01/2015 to	Participation	2			
	Aacharya Nagarjun University,	07/01/2015					
	Guntur.Baseball (Boys)						
5	All India Inter-University Tournament)	01/03/2015 to	Participation	1			
	Delhi University, Delhi. Softball (Boys)	05/03/2015					
		<u> </u>	1				

State	Level (Inter-Zonal Tourna	ments) (2014-2015):	,	
1	Table – Tennis (Boys)	06/09/2014	Participation	2
2	Table – Tennis (Girls)	06/09/2014	Participation	2
3	Baseball (Boys)	17/09/2014 to	Runners - Up	3
4	Badminton (Girls)	18/09/2014 22/09/2014 to	Runners - Up	1
5	Handball (Boys)	24/09/2014 22/09/2014 to	Participation	3
6	Handball (Girls)	23/09/2014 23/09/2014 to	Participation	6
7	Volleyball (Girls)	24/09/2014 29/09/2014 to	Participation	4
8	Football (Boys)	30/09/2014 17/10/2014 to	Participation	6
9	Softball (Boys)	18/10/2014 01/11/2014 to 04/11/2014	Participation	7
10	Fencing (Girls)	14/11/2014	Participation	2
11	Hockey (Boys)	07/01/2015 to 08/01/2015	Participation	9
Univ	ersity Level (Inter- Collegia		14-2015):	
1.	Chess (Boys)	02/08/2014 to	Participation	5
		03/08/2014		
2.	Volleyball (Boys)	12/08/2014	Participation	12
3.	Table – Tennis (Boys)	28/08/2014	Runners - Up	5
4.	Table – Tennis (Girls)	28/08/2014	Winner	4
5	Swimming (Boys)	13/09/2014		1
	i) 50 Mts Free Style		i) Winner	
	ii) 50 Mts Brest Stroke		ii) Runners-Up	
6	Handball (Girls)	18/09/2014	Runners - Up	9
7	Volleyball (Girls)	26/09/2014	Winner	12
8	Football (Boys)	06/10/2014	Runners - Up	16
9	Archery (Boys)	09/10/2014	1 st Place	1

10	Softball (Boys)	13/10/2014	Winner	15
11	Fencing (Girls)	07/11/2014	i) 1 st Place	3
	i)Sabre		ii) 2 nd Place &	
	ii)Epee		3 rd Place	
12	Hockey (Boys)	26/12/2014	Winner	14
	National Level (2015-2016):			
1	National Level Inter - Engineering	11/09/2015to	Winner	16
	Tournament (SUMMIT'15) Baseball	14/09/2015		
	(Boys)			
2	National Level Inter - Engineering			11
	Tournament (ZEST'16)	23/01/2016 to	WINNER	
	Handball(Boys)	26/01/2016		
3	National Level Inter - Engineering	23/01/2016 to	RUNNERS -	9
	Tournament (ZEST'16) (Hockey	26/01/2016	UP	
	(Boys)			
4	National Level Inter - Engineering			10
	Tournament (ZEST'16) (Volleyball	23/01/2016 to	Participation	
	(Boys)	26/01/2016		
State	Level (Inter-Zonal Tournaments)(2015-2016):		
1	Table Tennis (Boys)	19/08/2015	Participation	1
2	Table Tennis (Girls)	19 /08/2015	Participation	2
3	Handball (Boys)	03/09/2015	3 rd Place	4
4	Handball (Girls)	08/09/2015	Participation	5
5	Volleyball (Boys)		3 rd Place	1
6	Basketball (Boys)	12/10/2015to	Participation	1
		13/10/2015		
7	Athletics (Boys)	27/10/2015	Participation	1
8	Football (Boys)	04/11/2015 to	3 rd Place	1
		05/11/2015		

9	Fencing (Boys)	16/11/2015	Participation	1
10	Fencing (Girls)	16/11/2015	Participation	1
11	Softball (Boys)	04/01/2015 to	3 rd Place	4
		05/01/2015		
12	Baseball (Boys)	06/01/2015 to	Winner	4
		07/01/2015		
Univ	ersity Level (Inter- Collegiate	Tournaments)(20	015-2016):	
1	Table Tennis (Girls)	05/08/2015	Winner	4
2	Table Tennis (Boys)	05/08/2015	Runners - Up	5
3	Swimming (Boys)	17 /08/2015	2 nd Place	1
4	Chess (Boys)	19/08/2015 to	Runners – Up	5
		20/08/2015		
5	Handball (Girls)	22/08/2015	Runners – Up	10
6	Handball (Boys)	24/08/2015	Runners – Up	16
7	Archery (Boys)	07/09/2015	1 st Place	1
8	Athletics (Boys)	14/10/2015	2 nd Place	1
	(400 Mts. Running)			
9	Fencing (Boys)	28/10/2015	2 nd Place	7
10	Fencing (Girls)	28/10/2015	2 nd Place	1
11	Softball (Boys)	14/12/2015	Runners – Up	15
12	Baseball (Boys)	18/12/2015	Runners – Up	16

Curricular activities at Institute Level (2012-2013)

Sr.No.	Event name	Description
1	Need for increasing employability	Skill required for increasing employability
	of MBA students and making them	communication, knowledge, attitude, team
	aware of facts in the market.	work, time management and case study.
2	Making students prepare for	Rules to be followed for writing a
	interview by guiding them on skill	presentable and comprehensive resume.
	of resume writing.	
3	Enhancing aptitude skills of	Mathematics-orientation on aptitude,
	management students to increase	logical reasoning-Set theory English-
	their employability.	confusing words, phrasal verbs,etc.
4	Simulation Lab.	Real campus recruitment simulation with a
		Mock & PI.
5	Goal setting and decision making.	Goal setting exercise, developing decision
		making skills, enhancing leadership
		qualities.
6	Challenger trophy-Cricket	Sports event to develop the sports skills of
	tournament	the students.
7	Latex workshop	Final year students of Information
		technology.
8	"Sanjivani Vision 13"	National level paper presentation.
9	"Web wrangle"	National level web design competition.
10	Robosoccer	Robot Competition
11	RTME-Recent Trends in Mechanical Engineering	Project Competition

Curricular activities at Institute Level (2013-2014)

Sr.No.	Event name	Description
1	Social Marketing	Social marketing concept.
2	An awareness programme on	DMAT details.
	DMAT account.	
3	India and World Economy	An introduction to world economy.
4	Business tactics.	Different business tactics and how to develop

		business.
5	Supply chain management	Concept of supply chain management.
6	Workshop on Information	Two days workshop organized in association
	security and Cyber forensics.	with Cyber cure Sys. Pvt. Ltd and IIT, Delhi.
7	Workshop on Network security	Two days workshop organized in association
	and championship.	with Cyber cure Sys. Pvt. Ltd and IIT, Delhi
8	Expert lecture on Preparing	Talk was delivered by Dr. P.K.Sinha Senior
	India to be a global leader.	Director C-DAC.
9	One Day Workshop on Ferro	One Day Workshop to enhance the
	Cement Technology	knowledge of students about Ferro Cement.
10	Workshops on C, C++, and Java	Conducted in association with IIT, Bombay
		exclusively for all students.
11	Workshop on "Cloud	Workshop exclusively for Students of
	Computing"	computer engineering and Information
		technology.
12	Expert lecture on 'Android'	Expert lecture for students of Information
		technology.
13	Sanjivani vision'14paper	National level paper presentation
	presentation	
14	Technospire- 2014	National Symposium for UG and PG
		students.
15	Technosanjivani 2014	Regional project Competition.

Curricular activities at Institute Level (2014-2015)

Sr.No.	Event name	Description
1	Sanjyot -2015	National level seminar on Enhancing employability
		through skill development programme.
2	Investor awareness	An investor awareness programme by the ministry of
	programme	corporate affairs, Govt. of India.
3	Start up and new	SME loans.
	venture management	
4	Export procedure	Basic equipment to start a new venture.
	documentation	
5	Global economy.	Implementation of Arthakranti and its impact on Indian
		economy.

6	Mr./Miss. Surveyor	Sports event to develop the sports skills of the students.	
7	One Day Workshop	One Day Workshop to enhance the knowledge of	
	on Auto CAD	AutoCAD.	
8	STQA Tools: RQM &	Organized four days FDP for the staff members of	
	RFT	Information Technology and Computer Engineering	
		department.	
9	Application of Soft	Organized 5 days FDP sponsored by Savitribai Phule	
	computing in Pattern	Pune University, Pune.	
	Recognition		
10	Cloud Computing	Organized one day workshop for students of IT.	
	workshop		
11	Latex workshop	Organized one day workshop for students of IT.	
12	Sanjivani Techfest-	National level paper presentation for students of	
	2015	Computer, Civil, Mechnical,	
		Electronics and Telecommunication,	
12	T1: 2015	InformationTechnologyand MBA students.	
13	Technosanjivani -2015	State level Project competition for final year	
14	Technical meet	engineering students of all departments.	
14	1 echnical meet	Industry persons with final year engineering students	
		in association with Universal Management Forum, Mumbai.	
Cumi	 	titute Level (2015-2016)	
1	Sanjyot -2016	International level seminar on Emerging trends in	
		Engineering and Management.	
2	Enhance your	How to Enhance the personality.	
	personality.		
3	Use of library and	Information on the use of library, use of online	
	journals.	resources and journals.	
		•	
4	Resume writing, GD,	Resume writing, does and don'ts of GD,PI.	
	PI.		
5	Induction programme.	Expectations of the corporate from MBA and career	
		opportunities.	
6	Canadian culture and	Teaching pedagogies in Canada under faculty of	
	education.	management.	
7	Workshop on Cyber	Two days workshop organized in association with	
	Security and computer	Cyber cure Sys. Pvt. Ltd. and IIT, Delhi.	
	forensics		
8	Workshop on Android	Two days workshop organized in association with	
	11	Cyber cure Sys. Pvt. Ltd. and IIT, Delhi.	
	development.	Cyber cure sys. Fvt. Ltd. and III, Denii.	
9	Technosanjivani -2016	State level project competition for final year engineering students.	
7	education. Workshop on Cyber Security and computer forensics Workshop on Android	Teaching pedagogies in Canada under faculty of management. Two days workshop organized in association with Cyber cure Sys. Pvt. Ltd. and IIT, Delhi. Two days workshop organized in association with	

10	Java Training	Organized in association with Seed Infotech Nashik for			
		final year students of IT.			
11	Soft Skill Training	Organized by Scout Technology Pvt.Ltd,Punefor			
		engineering students.			
12	E-Tahsil Mobile	Developed by Mr. Yogesh Shirsath under the guidance			
	Application for	of Prof.M.B.Gawali.			
	Society				
13	How to prepare for	An expert lecture was delivered by Mr.Satish Charmal			
	aptitude and interview	(Syntrosys Technology,New Mumbai) and Mr.Rohit			
	for Campus	Salunke(WinjitTechnology,Nashik).			
	Recruitment				
14	Convergence of	An expert lecture was delivered by Dr.Virendra kumar			
	BigData,IoTand High	Bhavsar (Professor, University of new Brunswick) for			
	performance	T.E. students of Computer, IT and Electronics &			
	computing	Telecommunication department.			
15	Recent Trends in	State Level Two Days Workshop.			
	Pattern Classification				
16	Sanjivani Techfest	National level paper presentation for engineering			
		students of all departments.			
17	"Tech Horizon" -	Mr. Chandra Natraja, MD, Knorr Bremese, Pune was			
	Tech Meet	resource person for this meet. Third and final year			
		students and faculty members attended the Tech Meet.			
18	'IEO-2016'	National Level Olympia Indian Engineering			
		examination for engineering students.			
19	Technopreneurs	National level technical competition skill			
		developments.			

Cultural Activities

Sr.No	Year	Event	Total No. of	Prizes
			Participants	
		State Level (2015-	16)	•
1	2015-	State Level Intercollegiate	2	Certificates for
	16	Bharatratna Dr.Babasaheb Ambedkar		Participation.
		Debate Competition at Sangamner		
2	2015-	K.B. Rohmare Karandak-State Level	2	Certificates for
	16	Intercollegiate Debate Competition at		Participation.
		Kopargaon		
		State Level (2013-1	14)	
1	2013-	State Level Intercollegiate Debate	2	Certificates for
	14	Competition at Art and Commerce		Participation.
		College, Sangamner		

Sr.No	r.No Year Event		Total No. of	Prizes		
			Participants			
	National Level (2015-16)					
1	2015-	6 th Bhartiya Chtra Sansad	3	Participation with		
	16	National Event at MIT, Pune		Applauds.		

Sr.No	Year	Event	Total No. of	Prizes
			Participants	
		SPP University, Pune	(2015-16)	
1	2015-	SPPU Skit Competition at SPPU,	4	Finalist for Last Round
	16	Pune		& Participation.
2	2015-	Inter- Univeristy	2	Participation with
	Chanceller P.C.Alexander Marathi &			Applauds.
		English Elocution Competiton at		
		SPPU,Pune		

Extracurricular activities at Institute Level (2012-2013)

Sr.No.	Event Name	Description	
1	Box Cricket	One form of cricket competition which is to	
		be played on small play ground.	
2	Jalwa Cricket Tournament	Cricket competition	

Extracurricular activities at Institute Level (2013-2014)

Sr.No.	Event Name	Description
	A visit to Hiware Bazar	Visit to Mr. Popatrao Pawar to study his
1		practical water management.
	Cloth Collection Camp	Cloth were collected and distributed to less
2		fortunate people
3	Chess Competition	Chess competition
4	Box Cricket	One form of cricket competition which is to
		be played on small play ground.
5	Jalwa	Cricket competition.
6	Checkmate	Rapid chess tournament on clock.

Extracurricular activities at Institute Level (2014-2015)

Sr.	Event Name	Description	
No.			
1	Book Distribution	ISCON's book was made available for students and staff.	
2	Collection Drive	Cloth were collected and distributed to less fortunate people. Collection Camp.	
3	Eye Donation Camp	To create social awareness among students.	
4	Visit to Ashram Shala to aware the students regarding social issues of tribal students.	To create social awareness in students.	
5	SCAVENGER HUNT	A outdoor game show for hunting the given items.	
6	Celebrated green week at college level and Teachers day at departmental level.	Green Week was Celebrated by IT department during Teachers Day celebration	
7	Right object of education	An expert lecture delivered by Mr.Pratapsingh pardeshi.He guided students and told about Human capacity Development and Spirituality in personality development.	
8	Swift	Cricket Competition.	
9	Jalwa	Cricket Competition.	

Extracurricular activities at Institute Level (2015-2016)

Sr.No.	Event Name	Description		
1	Exposure Visit to	Meet the transformation leader Hon. Anna Hazare and		
	Ralegan Siddhi.	analyze the village with sustainable development model-		
		Ralegan Siddhi.		
2	Guest lecture on art	Expert came from ISCON and guided to First Year		
	of mind control	engineering students.		
3	SCAVENGER	A outdoor game show for hunting the given items.		
	HUNT			
4	Role of IT	Hon'ble Sau.Indira Pakhale Tahsildar, Kopargaon		
	Professionals in	deliverd an expert lecture on role of IT Engineer in		
	society	Government Sector.		
5	Cyber secured	A seminar exclusively for girls by Mr.Vasant Tajane		
	Digital India for	(Retired ACP,.Mumbai crime branch).		
	women safety	How security should be maintained by mobile apps.		
	Box Cricket-	Was organized as a part of Annual Social Gathering. 30		
6	Exclusively for	girls from various departments participated in this event		
	girls			

7	Surf and Present	Competition on the occasion of "Guru Purnima" was		
		Organized. Moto of this event was to improve the		
		Presentation skills of the students.		
8	Celebration of	Final year students taught different subjects to second		
	Teachers day	and third year students.		
9	Poster Presentation	Competition was organized for all students. Students		
		from Computer and IT participated in this competition.		
		Students presented posters on different topics like Multi-		
		cloud Computing, Mobile Social Learning, Cyber		
		Challenges and What makes developed India?		
10	Group Discussion	Competition was organized for all students of IT and		
		Computer Engineering. Moto of this event wasto prepare		
		the students for Campus Interviews.		
11	Swift	Cricket Competition.		
12	Jalwa	Cricket Competition.		
13	Opportunities in	An expert lecture on career guidance.		
	Defense			

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.forthe previous four years.

Curricular Activities:

Sr.No	Sr.No Year Event		Total No. of	Prizes			
			Participants				
	National Level (2012-13)						
1	1 2012- A National level Paper Presentation 450 8						
	13	"Sanjivani Vision 13"					

Sr.No	Year	Event	Total No. of Participants	Prizes			
	National Level (2013-14)						
1	2013-	A regional project exhibition	726	37			
	14	TECHNOSANJIVANI 2014					

Sr.No	Year	Event	Total No. of Participants	Prizes		
State Level (2014-15)						
1	2014-	A State level Project exhibition	699	57		
	15	TECHNOSANJIVANI 2015				

Sr.No	Year	Event	Total No. of	Prizes			
			Participants				
	State Level (2015-16)						
1	2015-	A State level Project exhibition	1031	50			
	16	TECHNOSANJIVANI 2016					

Extracurricular activities

Sr.No	Year	Event	Total No. of Participants	Prizes
		State Level (2015-16)	
1	2015- 16	State Level Intercollegiate Bharatratna Dr.Babasaheb Ambedkar Debate Competition at Art Commerce College Sangamner	2	Certificates for Participation.
2	2015- 16	K.B.RohmareKarandak-State Level Intercollegiate Debate Competition at Kopargaon	2	Certificates for Participation.

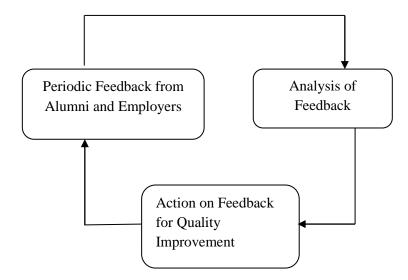
Sr.No	Year	Event	Total No. of	Prizes			
			Participants				
	National Level (2015-16)						
1	2015-	6 th Bhartiya Chtra Sansad, National	3	Participation			
	16	Event at MIT, Pune		with			
				Applauds.			

Sr.No	Year	Event	Total No. of Participants	Prizes
		SPP University, Pune (20)15-16)	
1	2015- 16	SPPU Skit Competition at SPPU, Pune	4	Participation.
2	2015- 16	Inter- University ChancellorP.C.Alexander Marathi & English Elocution Competition at SPPU,Pune	2	Participation with Applauds.

Sr.No.	Name of the Students	Event Details	Achievement
		Year 2015-16	
1	Mr.Mukund Bhor	Swach Bharat Mitra Elocution Competition at Kopargaon	Winner.
2	Mr.Vinod Pharpat Mr.Tejas Chavan	Emergency Disaster Management Programme at ShaniSingnapur organized by Art Commerce College, Sonai	Participation.

5.3.3. How does the the college seek and use data and feedback from its graduates and employers, to improve the performance and quality of the institutional provisions?

- 1. Institute collects feedback periodically from its alumni and employers in a well defined format. This feedback seeks information about gained technical knowledge, ability to synthesis and analysis data, team leadershipqualities, innovative project, Research, professional ethics, etc.
- 2. Analysis of this information is done and suggested improvements are proposed in the administrative body meetings for approval.
- 3. Suggestions are incorporated for implementation like add on courses, subscription of journals, procurement of equipments, organizing expert lectures, etc
- 4. Thus, the students are well informed of current industrial trends and requisites. They are encouraged for a research based approach in studies and excel in their academic performance and eventually placements.



5.3.4 How does the college involve and encourage students to publish materials like catalogues, wall magazines, college magazine, and other material? List the publications/ materials brought out by the students during the previous four academic sessions.

- 1. Institute is committed for all round development of students. They are encouraged to publish articles, paintings etc. at the department, institute, state, national and international level events..
- 2. Institute publishes annual magazine "SANJIVANI" which includes English, Marathi, Hindi sections, sketches, articles and photographs which reflects students' talent.
- 3. "SANJIVANI Bulletin", a technical news letter is published for the students. The editorial board for this bulletin includes Principal, Editor-in –chief and one faculty member fromevery department.
- 4. Departmental newsletter is regularly published with the periodicity of once in a semester.
- 5. Students are encouraged to write scripts for the act plays.
- 6. Students are motivated to design the banners, brochures and certificate layouts.

List of publications

Sr. No.	Name of Publication	Institute/ Department level	Type of Publication	Frequency
1	SANJIVAN I	Institute	Magazine	Annual
2	SANJIVANI Bulletin	Institute	News letter	Once in Semester
3	E&TC Bulletin	Electronics & Telecommunication	News letter	Once in Semester
4	COMP-INSIGHT	Computer	News letter	Once in Semester
5	MECH-BEATS	Mechanical	News letter	Once in Semester
6	CIVIL- HORIZON	Civil	News letter	Once in Semester
	ITERA NEWS	Information		
7	LETTER	Technology	News letter	Once in Semester

At University level the Institute is recipient of winner in Annual Magazine competitionat Ahmednager region. The details are as given below:

Sr.No.	Magazine Title	Region	Recognition/Award
1	SANJIVANI'12	Ahmednagar	Winner 1 ST Position
2	SANJIVANI'13	Ahmednagar	Winner 3 RD Position
3	SANJIVANI'14	Ahmednagar	Winner 4 TH Position

5.3.5. Does the college have a Student Council or any similar body? Give details on its selection, constitution, activities and funding.

Cultural Activities:

Yes, Institute has Student Council formed as per the guidelines given by Savitribai Phule Pune University under the provision of section 40(2) (b) of the Maharashtra Universities Act, 1994 to conduct various cultural / university activities during every academic year.

The composition of Student Council Constitution for Academic Year 2016 -2017 is as given below:

Sr.No.	Name	Designation	
1	Dr.D.N.Kyatanavar	Principal	
2	Dr.C. L. Jejurkar	Student Council In-Charge	
3	Prof.Mahesh Sale	National Service Scheme Program Officer	
4	Mr.GaneshNarode	Director of the Sports & Physical Education	
5	Mr. Pramod More	College Secretary	
6	Mr. Akshay Thakur	General Secretary	
7	Mr. Yogesh Ingale	Cultural Secretary for Cultural Activities	
8	Miss.Vaishali Ushir	National Service Scheme Secretary	
9	Miss. Shreya Rathi	Sports Secretary	
10	Mr. Amey Pachpute	Magazine Secretary	
11	Miss. Sai Nawalpur	Ladies Representative	
12	Miss.Bhagyashri Kadam	Ladies Representative	
13	Miss.Snehal Kolpe Ladies Representative		
14	And one student from each class / Division as Topper or Class Representative		
	(for Year 2016-17) engaged in full time studies in the College , nominated by		
	the Principal		

• The aim of forming student council is:

- ✓ To improve academics, co-curricular, cultural and extracurricular activities.
- ✓ To motivate the students for team work.
- ✓ To acquire leadership qualities.
- ✓ To learn event managements.
- ✓ To interact with college management to resolve the difficulties of the students in day to day activities.



• The activities of Student Council includes:

- 1. To organize state, national or university level events in each year to motivate students to participate in technical and nontechnical events.
- 2. To organize the college level event annual social gathering each year which includes cultural and sports events.
- 3. Celebration of Nationally important days like Independence day, Republic day etc., to develop the feeling and sense of nationalism
- 4. To celebrate Teacher day and Engineers Day.
- 5. To organize blood donation camp, tree plantation, voter's awareness programs in association with institute level association/professional bodies, etc.
- 6. To organize above events, funds are given by institute.

Cultural event includes:

- Musical Night
- Comedy Show
- Shiv Jayanti
- Funny games and College Days
- Dance
- Interdepartmental Event
- Ramp Walk
- Vocals
- Annual day Celebration

Student Council conduct events like Teacher's Day, Engineer's Day, Annual Social Gathering, Arts n Crafts Exhibition, Republic Day, Independence Day, etc. Usually, every year annual social gathering is organized in the Month of January. During this event a well-known actor, poet, social activist, Hasyasamrat etc. are invited as a chief guest. Student's competitions are organized on various cultural activities such as Dance, Drama, interdepartmental competition, Traditional day, Rangoli, etc. Majority of students participates in the various events. Republic day and Independence Day are celebrated to increase patriotic emotions of citizens.

Additionally, Institute has special music (SAAZ), dance (S-Stepper) and photography clubs to inculcate student's creativities and to explore their artistic talent as professional. The facilities provided by the institute to conduct Cultural activities at institute level are illustrated below:

Sr.No.	Facility	Usage
		Used for various functions like teachers day
1	Open Auditorium	celebration, Engg. Day celebration, Annual social
		gathering and other functions at college level
	Instruments as listed	Used by students during various cultural and other
	below	programs organized by students council in
	 Halogen lamps 	particular and by college in general
	• Rope lights	
	• UV Tubes	
	 Spot lights 	
	• Two way strobe	
	lights	
	 Scanner 	
2	 Smoke machine 	
	Par lights	
	 Harmonium 	
	• Tabla	
	 Octopod 	
	• Drum set	
	• Guitar GS 1000	
	Guitar Rhythm	
	 Guitar bass 	
	• Synthesizer	
	College Magazine	Published yearly, gives platform to budding
3	(Sanjivani)	Engineers to express their views on various fields
	(Sanjivani)	and help to explore the hidden talent in them.

Cultural Activities under Student Council (Last Four Years)

Cultural Activities Conducted During Year 2012-13

Sr.No.	Name of the Activity	Date of Conduction
1	Cultural Programme for NBA Committee	01/02/2013
2	Tribute to Rajesh Khanna	21/01/2013
3	Shivjayanti	21/01/2013
4	Annual Social Gathering Events (Sanjivan-13)	16-23/02/2013
	1. Skit Competition	16/02/2013
	2. Musical Night	17/02/2013
	3. Interdepartmental Competition	17/02/2013
	4. Dance Night	18/02/2013
	Arts and Craft Event	17-18/02/2013
	6. Fun and Fair	23/02/2013
5	Shiv Jayanti	19/02/2013
6	Annual Day Function	02/03/2013
7	SANJIVAN -13 Sem I Event	
	1. Musical Night	26/09/2012
	2. Dance Night	27/09/2012
8	Debate Competition	24/09/2012
9	Teachers' Day	05/09/2012

Cultural Activities Conducted During Year 2013-14

Sr.No.	Name of the Activity	Date of Conduction
1	Mock Parliament	Sept 2013
2	Dance Competition	05/10/2013
3	Annual Social Gathering Events (Sanjivan-14)	15-19/01/2014
	1. Personality Competition	15/01/2014
	2. Interdepartmental Competition	16/01/2014
	3. Musical Night	17/01/2014
	4. Dance Night	18/01/2014
	5. Fun_n_Fair	19/01/2014
4	Annual Day	10/03/2014

Cultural Activities Conducted During Year 2014-15

Sr.No.	Name of the Activity	Date of Conduction
1	Teachers' Day Program	05/09/2014
2	Group Discussion Competition	17/09/2014
3	Debate Competition	19/09/2014
4	Guest Lecture for Girls Students on Women	17/09/2014
	Empowerment by Shweta Mishra, Physiologist	
	Universal Management Forum, Mumbai	
5,6	SANJIVAN -15 Sem I Event	23/09/2015
	1. Musical Night by SAAZ group	24/09/2015
	2. Dance Night by S- Steppers Group	
7	Annual Social Gathering Events (Sanjivan-15)	16-18/01/2015
	1) Interdepartmental Competition	16/01/2015
	2) Musical Night	17/01/2015
	3) Dance Night	18/01/2015
	4) Fun and Fair	31/01/2015
8	Annual Day	28/03/2015

Cultural Activities Conducted During Year 2015-16

Sr.No.	Name of the Activity	Date of
		Conduction
1	Alumni Meet	12/12/2016
2	Annual Social Gathering Events (Sanjivan-16)	13-16/01/2016
	Sanjivani Girls Event	13/01/2016
	Comedy Show	13/01/2016
	Interdepartmental Competition	14/01/2016
	Musical Night	15/01/2016
	Dance Night	16/01/2016
	Arts and Craft Event	15-16/01/2016
	Fun and Fair	24/01/2016
3	Republic Day	26/01/2016

4	Shiv Jayanti	19/02/2016
5	Annual Day Function	25/03/2016
6	Sports Week	Feb 2016
7	Engineer's Day	15/09/2015
8	SANJIVAN -16 Sem I Event	Sept 2015
	Musical Night by SAAZ group	
	2. Dance Night by S-steppers group	
9	Teachers Day	05/09/2015

2.NSS activities:

NSS Activities Conducted During Year 2012-13

Sr.No.	Name of Activity	Date of
		Conduction
1	Orientation Program	24/8/2012
2	Expert lecture on wonders of attitude	02/9/2012
3	Tree plantation	8/9/2012
4	NSS day	24/9/2012
5	Poster competition	18/12/2012
6	Youth week	12-18/1/2013

NSS Activities Conducted During Year 2013-14

Sr.No.	Name of Activity	Date of
		Conduction
1	Orientation Program	14/8/2013
2	Tree plantation	15/8/2013
3	Expert lecture on How to change our way of life to get success.	23/9/2013
4	NSS day	24/9/2013
5	Quiz competition	24/9/2013
6	Essay competition	25/9/2013
7	Poster competition	26/9/2013
8	Winter camp with the theme of Swatchha and Swasth	1 - 7/12/2013

	Bharat Abhiyan at Sonewadi Tal.Kopargaon	
	Village Survey	
	Law Literacy camp	
	Aids Awareness camp	
	Cleanliness Program and soak pit digging	
	Tree plantation	
	Computer Education	
	Health related Activities	
	Different awareness programs such as Personality	
	development, Astrophysics and Spirituality, GIS	
	Mapping, Yoga activity, Agriculture related	
	information, Street plays, Career Guidance for	
	students, Girl Child Birth Celebration, Sky	
	Observation	
9	Workshop on Personality development and Hypnotism	01/1/2014
10	Marathon	19/1/2014
11	Expert Lecture on Role of Youth In Building National	24/2/2014
	Economy	

NSS Activities Conducted During Year 2014-15

Sr.No.	Name of Activity	Date of
		Conduction
1	Orientation Program	14/8/2014
2	Tree plantation	09/8/2013
3	Workshop on Awareness of important laws related to students such as Anti ragging, Cyber law etc.	23/8/2014
4	Expert lecture on art of living	05/9/2014
5	One week Personality development Program	10-15/9/2014
6	A Guest lecture on Reformation of Indian Economy	16/9/2014
7	Essay competition	17/9/2014
8	Swachha Bharat Abhiyan	02/10/2014
9	Winter camp with the theme of Swatchha and Swasth	01-7/12/2014

	Bharat Abhiyan at Kokamthan Tal.Kopargaon	
	Village Survey	
	Swatchha Bharat Abhiyan	
	• Tree Plantation	
	History writing of village	
	Building of compound wall and play ground for	
	school	
	• Different awareness programs such as Satsang- A	
	Sanskar Class, Guest lecture on GIS mapping,	
	Guest lecture on Value Education, Personality	
	Development, Guidance to school children and	
	villages, Guest lecture on Power of thoughts,	
	Movies show of Dr. Prakash Amte, Street plays for	
	awareness etc.	
10	Cloth collection and distribution programs	22-24/1/2015
11	Cleanliness Drive of the Institute	27/1/2015
12	Entrepreneurship Development Program 14-16 /2/2015	
13	Blood donation Camp	18,24-25/3/2015

NSS Activities Conducted During Year 2015-16

Sr.No.	Name of Activity	Date of
		Conduction
1	International Yoga day	21/6/2015
2	Tree plantation	21/6/2015
3	Orientation Program	03/8/2015
4	Essay competition	27/8/2015
5	NSS week	15-22/9/2015
6	Winter camp with the theme of Swatchha and Swasth	04-10/12/2015
	Bharat Abhiyan at Kokamthan, Tal. Kopargaon	
	Village Survey	
	Total Cleanliness Program through actual working	
	and by awareness at different places like Hanuman	

	Temple, School Area, etc.	
	 Preparation of soak pits- A Major Task 	
	• Tree Plantation	
	Preparation of short term, midterm and long term	
	plan for village in consultation with villagers,	
	Grampanchayat members and leading groups in	
	village	
	 Street plays for awareness 	
	• Information to school childrens about career and	
	latest developments in technologies	
	• Guest lecturers for NSS volunteers and villagers on	
	different issues	
	 GIS Mapping and preparation of Map 	
	History Writing and uploading it on Wikipedia	
7	Road safety Abhiyan	29-30/12/2015
8	Survey of school dropped children	20-30/1/2016
9	Blood donation Camp	23-25/3/2016

3. Social Event / Activities Participation by Students under Student Council

Sr.No.	Name of the Students	Event Details	Achievement	
	Year 2015-16			
1	Miss.Swetesha Shelke	State Level Intercollegiate	Participation	
	Mr.Tejas Chavan	Bharatratna Dr.Babasaheb		
		Ambedkar Debate		
		Competition at Sangamner		
2	Mr.Manish Buradkar	K.B. Rohmare Karandak-	Participation	
	Mr.Paritosh Sawant	State Level Intercollegiate		
		Debate Competition at		
		Kopargaon		
3	Mr.Shubham Parikh	6 th Bhartiya Chtra Sansad at	Participation with	
	Mr.Mukun Bhor	MIT, Pune National Level	Applauds	
	Mr.Pratik Bhalgat	Event		
4	Miss.Kshitija Hande	Inter- Univeristy	Participation with	
	Miss. Minal Kulkarni	Chanceller P.C.Alexander	Applauds	

		Marathi & English Elocution	
		Competiton at SPPU,Pune	
5	Mr.Mukund Bhor	Swach Bharat Mitra	Winner
		Elocution Competition at	
		Kopargaon	
6	Miss. Swetesha Shelke	SPPU Skit Competition at	Finalist for Last
	Miss.Kshitija Hande	SPPU,Pune	Round &
	Mr.Samrudhha Godake		Participation
	Mr.Devendra Patel		
7	Mr. Vinod Pharpat	Emergency Disaster	Participation
	Mr.Tejas Chavan	Management Programme at	
		ShaniSingnapur organized by	
		Arts commerce and	
		ScienceCollege Sonai.	

Sr.No.	Name of the Students	Event Details	Achievement	
	Year 2013-14			
1	Mr.Dhanage Sagar	Kopargaon Festival, Talent Hunt	Second Runner-	
	Mr.Adhe Shreyas	Competition at Kopargaon	Up	
	Mr.Shelke Nitin			
2	Ms. Gauri Chandar and	Kopargaon Festival, Talent Hunt	Participation	
	Group (Girls)	Competition at Kopargaon		
	Mr.Harshal Dhake and			
	Group (Boys)			
3	Mr.Mukund Bhor	Swach Bharat Mitra Elocution	Winner	
		Competition at Kopargaon		

Student Council Activities:

Student Council Activities

- Celebration of teacher days, Engineer days, Independence day, republic day and annual social events.
- Farewell to graduates

National Service Schemes (NSS)

- Tree plantation in the area of Kopargaon Nagarparishad.
- Special camp and yoga and art of living camps
- Blood donation camp

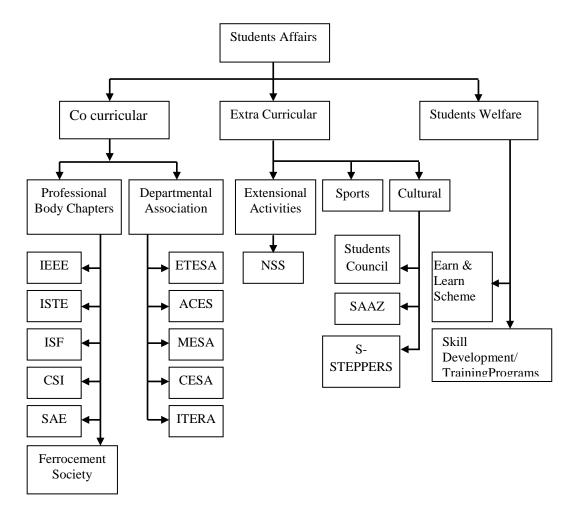
Social Extension Activities

- Free medical check up camps in rural area.
- Cleaning campaign.
- Road safety drive camp

There is no funding from any government body for these events Institute bears all the expenses.

5.3.6. Give details of various academic and administrative bodies that have student representatives on them.

The committees which include student representatives and activities chart is as given below:



5.3.7. How does the institution network and collaborate with the Alumni and former faculty of the Institution. Any other relevant information regarding, Student Support and Progression which the college would like to include.

The Institute has a vibrant network of alumni. There are structured ways to network and collaborate with alumni and former faculty of the Institute.

- 1. Registered alumni association "SANJIVANI Engineering Student Alumni Association" in place at the Institute.
- 2. Regular alumni meetings are organized.
- 3. Alumni is informally a part of the teaching learning process through modes like expert lectures, project co guides, organizing industrial visits, study tours and

- mentoring students.
- 4. Social sites like Face book, WhatsApp, are few of the tools used for networking with alumni other than direct communication.
- 5. Alumni is a part of social extension activities at the institute
- 6. Alumni can access day to day activities of Institute through website.
- 7. Alumni is a part of defining Program Outcomes (POs), Program Educational Objectives (PEOs), Program Specific Objectives (PSOs) at the Institute.
- 8. A seperate alumni portal is designed for better interaction between the college and alumni(alumni.sanjivani.org.in).

Former faculty:

Faculty who left the Institute maintains good rapport with the parent Institute and continues their association. They are frequently invited for all the major functions at the Institute. Former faculty is invited as experts for the relevant subjects in teaching learning process, during project exhibitions, competitions, workshops, seminars, etc.

CRITERION- VI

GOVERNANCE LEADERSHIP AND MANAGEMENT

"Leadership and learning are indispensable to each other"... John F. Kennedy



Self Study Report [S	SSR]
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CRITERION VI: GOVERNANCE LEADERSHIP AND MANAGEMENT

6.1. Institutional Vision and Leadership

6.1.1State the vision and mission of the Institution and enumerate on how the mission statement defines the institution's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, institution's traditions and value orientations, vision for the future, etc.?

Sanjivani Rural Education Society was established in 1983. The Society has its strong vision for social transformation and up-liftment of rural masses through education, training and research. The society runs twelve different institutes among which Sanjivani College of Engineering; Kopargaon is one of the premier technical Institute in the Maharashtra state. It provides an ideal environment for focused education. The pleasant atmosphere with green surroundings forms the right educational ambience. Here a cosmopolitan atmosphere broadens the students' outlook. Over the years the institute has attracted many highly qualified and experienced faculty members. The well trained professionals, who are knowledgeable, keep themselves updated with modern trends in their specialized fields adding to the brightness of the institute. The Institute is setting higher benchmarks, ensuring the students to meet standards of excellence. The advisory body of the institute guides us regularly in the line of vision and mission. The budget is updated annually and modified with changing expenditure pattern.

Mission of the Institute

Our mission is to make use of Engineering and Technology the principal instruments of economic development, to improve the quality of life of people through Education, Training and Research.

We are committed to the development of technical human resources towards socioeconomic growth of rural India for global competitiveness.

Vision of the Institute

"To create academic excellence and to make world class engineers for socio- economic uplift-ment of rural India"

Objectives

- To create state-of-the-art infrastructure for imparting quality engineering and management education.
- To provide healthy environment for physical, intellectual, emotional and spiritual growth of students and staff.
- To groom aesthetically sensitive, socially committed and technologically competent Engineers and Managers.
- To inculcate the problem solving research attitude among students.

Institute has Vision and Mission which are futuristic in nature. They satisfy the needs of society by providing quality education through leading-edge technology.

- The Institute has undergone accreditation three times by NBA.
- The Institution is ISO 9001:2008, certified.
- The Institute received "Best College award" by Savitribai Phule Pune University in the year 2015.
- Received "Brand Excellence Award" from Leading Newspaper Lokmat in the year 2016.
- Received Outstanding Engineering Institute West award by Karnataka leading newspaper VIJAYAVANI in the year 2016.
- Best Magazine Award continuously 5 times by Savitribai Phule Pune University,
 Pune
- Received 56th all India rank in the survey of Outlook magazine in June 2016
- The Institute having foreign Collaboration with University of Lethbridge, Canada,
 Pozanan University, Poland and Shenkar College of Engineering, Design and Art Israel.

Research & Development

• Institute has developed research centers in three programmes viz. Civil Engineering, Electronics & Telecommunication Engineering and Mechanical Engineering.

Lifelong learning

The Institute encourages the students for the higher education and provides coaching and training to them for GATE examination.

For addressing needs of the society and the students, the faculty is sponsored to visit industries.

Faculty members are encouraged to interact with the outside world.

6.1.2 What is the role of top management, Principal and Faculty in design and implementation of its quality policy and plans?

The top management of the Institute comprises of

- Governing Body (GB)
- Local Management Committee (LMC)

Principal

- Head of the Department (HOD)
- Faculty as chairpersons of various committees

They play significant strategic role in the evolutionary process of transformational initiatives directed towards positioning the Institute in the realm of top ranking institutes in the country.

Governing Body (GB)

- GB is the apex body of the Institute, which is constituted by the parent trust Sanjivani Rural Education Society.
- The GB provides guidelines and strategic direction for aligning the programs, policies and processes of the Institute with the changing environmental contexts and demands of business world.
- The GB meets once in six months to provide insights on priorities and focus areas for the Institute.

Local Management Committee (LMC)

• LMC is responsible for deliberations and decision making at the institute level.

LMC has been constituted as per the Maharashtra University Act 1994.

Functions of LMC are

• To discuss the budget and financial statements and forward it to the GB for

- approval.
- To study the workload and recommend to the GB the requirement of the faculty, staff and other posts.
- Discuss the result analysis and suggest corrective measures to improve academic standards.
- Consider and make recommendations for the compliance of the report of local inquiry committee appointed by the Savitribai Phule Pune University.
- To consider proposal for increase in intake, starting of new academic programmes, and forward it to the GB.
- To discuss faculty and staff performance and recommend promotion, suitable appreciation of the deserving faculty and staff.
- To monitor faculty development, R & D activities, placement and industry-institute interaction.
- To prepare detailing for expenditure not covered in the budget.

Principal

The Principal

- Is an active member in deciding the quality policy and making the action plans.
- Leads the faculty, while the action plan is being implemented within the Institute and provides directions to the faculty and coordinates them wherever necessary.
- Communicates the opinions of the top Management to the faculty and staff regarding the responsibilities and duties assigned to each component of the Institute, during the implementation of the quality policy
- Intends to develop and ensure effective conduction of educational programs and promotes the improvement of teaching learning in the Institute.
- Strives to create a environment which fosters development of the students and faculty.
- Constitutes various committees for executing activities in accordance with quality policy. Difficulties faced by faculty members during the execution are sorted out in the meetings with the Principal or the Top Management.
- Contributes to develop the means and tools for measuring the quality.
- Takes initiatives to develop the liaison with the eminent academicians, scientists, industries, professional bodies and renowned institutes which directly or indirectly helps in planning and implementing the quality policy.

- Keeps himself updated about the Indian and global education scenario, research in education, industry and stake-holders' expectations.
- Gives relevant feedback to the faculty and the students and motivates them to achieve quality in their fields.
- Along with faculty initiates orientation and other programs for quality improvement.
- Proposes new initiatives to Top Management to strengthen the quality policy.

Faculty

Faculty at the Institute

- Course planning and delivery to the students by using innovative teaching pedagogy.
- Research in their field of interest.
- Play diverse roles at various levels in the entire value chain of academic and allied processes.
- Are actively engaged in a wide range of academic and allied functions and processes.

Are responsible for-

- achieving course objectives by mapping learning outcomes of their courses and aligning them with the program level goals
- periodical review of curriculum and pedagogy;
- contributing towards achieving excellence in teaching, research and training
- have active involvement and participation in academic administration,

 Institutional development and student development initiatives.

6.1.3. What is the involvement of the leadership in ensuring:

- the policy statements and action plans for fulfillment of the stated mission formulation of action plans for all operations and incorporation of the same into the institutional strategic plan
- Interaction with stakeholders
- Proper support for policy and planning through need analysis, research inputs and consultations with the stakeholders
- Reinforcing the culture of excellence
- Champion organizational change

There is deep involvement of the leadership in preparing the policy statements and action plans for fulfillment of the stated mission, interaction with stake holders and all other allied processs whose details are given below:

- In-line with mission statement, the management takes responsibility to provide the facilities, qualified human resource, state-of-art infrastructure and financial resources.
- They encourage the faculty for R & D activities and also guide them to actively involve in realizing the goals and objectives of the Institute for quality education.
- Formulation of action plans for all operations and incorporation of the same into the institutional strategic plan
- The action plans are prepared under the supervision and guidance of the Principal, and HODs.
- Academic calendar, teaching plans etc. are prepared for smooth conduction of academics.
- Various committees like Academic Monitoring Committee, Timetable Committee, Class Coordinators, Mentorship, Training and Placement Cell Coordinators, Sports Committee, Cultural Committee are formed for implementation of action plan.

Interaction with stakeholders

Stakeholders includes Students, Parents, Staff, media, local public, Industris alumni etc.

- The success of the organization is much more depends on stakeholder's satisfaction. The institute takes care of all stakeholders by satisfying their expectations.
- Students, the important stakeholders are the pillars who can be influential stakeholders in an organization success. So we provide manual job related training, recognize and incorporate their thinking both within and outside the classrooms through seminars and workshops.
- Parents are encouraged to actively participate in the ward's education through real time feedback of the progress, counseling of the students along with their parents to turn around from a difficult phase.
- Staff includes teaching and non-teaching staff, Institute takes care to satisfy them
 by offering good pay scale, good working environment and welfare facilities like
 PF, Insurance, various types of leaves, promotions etc.

 For media and local public relation institute organizes number of social activities like Clean India Campaign, Women Empowerment programs, Blood donation camps, NSS camps and other activities, etc.

Proper support for policy and planning through need analysis, research inputs and consultations with the stakeholders

- The Institute leadership undertakes to understand the needs of the society through its interactions with University, AICTE and other academic authorities.
- It also receives regular feedback from students, parents and alumni to frame plans.
- The management fully supports any new plans for the benefits of its stakeholders.
 Based on the employers feedback about the students placed in the preceding years,
 the students are given additional training in the areas for improvement as suggested by the community.
- HODs at the Institute review the progress for continuous improvement.

Reinforcing the culture of excellence

- The Institute always benchmarks itself against the best practices.
- It channelizes the procedures and practices with respect to the prevailing external environment and strives to create an atmosphere as Centre for Excellence.

Champion organizational change

- The Institute pioneers in the field of changes in organizational set up by becoming an outward looking organization with focus on benchmarking against the best.
- It makes use of performance metrics in terms of pass percentage, placement percentage, presentation in conferences, journal publications, accepted proposals, consultancy work etc. to design appropriate strategies.
- These are communicated to the employees so that they execute and accomplish the requirement as per the strategies set.

6.1.4 What are the procedures adopted by the institution to monitor and evaluate policies and plans of the institution for effective implementation and improvement from time to time?

Effective implementation and improvement of policies and plans at Institute is monitored by various committees like

- Governing Body
- Department Advisory Board
- Local Management Committee
- Lead Student

- Lead Faculty
- Lead Mentor
- Lead IIIC
- Lead Achievement
- Academic Monitoring Committee
- Library Committee
- Training and Placement Cell
- Anti-Ragging Committee
- Examination Cell
- Sports and Extra-curricular committee

- Lead Research
- Lead Alumni
- Lead Outreach (Social)
- Grievances Redressal Committee
- IQAC
- Timetable Committee
- Student Mentorship Scheme Committee
- Research Committee
- Discipline Monitoring Committee

Every committee has its own objectives to be achieved and functions of these committees are being well monitored and reviewed by conducting the scheduled meetings regularly.

- GB is the supreme body of the Institute responsible for articulating the organization's mission and for major policy decisions to execute Institutional plans.
- The GB is appointed under the statutory provisions of AICTE.
- GB provides the necessary direction for growth of the Institute.

Its responsibilities are

- To approve the budget estimates for the financial year in advance.
- To approve any other expenditure not provided in the budget as recommended by the Principal and LMC.
- To scrutinize and accept the audited statements of account for each year.
- To approve the faculty and staff recruitment.
- To consider and approve promotion, suitable appreciation of the deserving faculty and staff.
- To consider and make provisions for meeting the specific conditions laid down by AICTE, State Government and affiliating university.
- To consider and approve the proposals for creating infrastructure.
- To consider and approve proposal for increase in intake, starting of new academic programmes etc.
- To implement the service conditions of the faculty and staff as prescribed by the state government and the affiliating university.
- To consider the report of the Principal on status of admissions and academic

- performance of the students.
- The LMC meets twice a year to identify and discuss issues, problems and policy related matters which are discussed for design and review of the policy, for approval of budget etc. The GB considers the recommendations and deliberations of LMC and takes decisions accordingly.
- The Principal is the secretary of GB and LMC and provides inputs for decision making. The chairman of the LMC is also the chairperson of governing body who presides the meeting.
- It receives the report of the Programme Assessment Committee and monitors the progress of the programme.
- It discusses current and future issues related to the programme.
- Develops and recommends new or revised programme goals and objectives.
- Discusses the attainment of POs and PEOs.
- Guides the department faculty to deliver add on topics to the curriculum.
- The Principal acts as the link between the management and other constituents of the Institute. The decisions are implemented by Principal through IQAC and HODs.
- The HODs meet once a month to implement the decisions of LMC and make recommendations to LMC which helps in preparing the budget.
- The Institute has an active and functional IQAC. The IQAC meets to discuss issues related to learning mechanism, improvement of quality standards and academic development. This also helps in a systematic monitoring of various academic actions.
- Similarly, each department has a departmental committee to discuss the departmental issues and student related problems.
- The policies framed by the LMC are then reviewed by the GB for the finalization and formulation of revised policies.
- Specific functions are executed through various Institute committees.

6.1.5 Give details of the academic leadership provided to the faculty by the top management?

- The top management gives full freedom to faculty members to present their suggestion and views for the Institute development.
- The faculty members are encouraged to actively get involved themselves in decision making process at all levels.
- Faculty members are elected on the top most bodies of University like Senate, Academic Council, Faculty of Engineering, BoS and other committees of BCUD.
- Two faculty members are the members of GB at the Institute.
- LMC at the Institute also consists of faculty and staff representatives.
- Faculty are the members of student counseling, EDC, grievance redressal committee, anti-ragging committee, discipline committee, alumni association, time table committee and committees for events like annual function, sports week, etc.
- Meetings of the various committees are conducted in which the faculty members
 provide suggestions on different issues like subject allotments, laboratory and
 library requirements, student projects, etc.
- Faculty members are encouraged to inculcate academic leadership through interaction with outside world.

6.1.6 How does the college groom leadership at various levels?

Student Level

- By forming the student activity council as per the guidelines of SPPU.
- Representation of students in various committees.
- By providing opportunities for the students to take active participation in various programs such as seminars, national and international level conferences, all curricular and extra -curricular activities.
- By involving students in organizing or conducting academic and non- academic programs to groom leadership qualities.

Faculty level

- Nominating faculty to various committees at university level.
- Appointing HODs, Deans and members of LMC and GB.
- Entrusting faculty as members and coordinators of various Institute level

committees.

- As mentors, planning and execution of several department activities, preparation of budget and purchase effectively.
- As coordinators for preparation of NBA and NAAC related documents.
- Organizing different events like Annual Function, Sports Week, Technical events, Alumni Meet, HR Meet, etc. and other similar functions.

Head of the Department

- They are chair persons of different committees.
- They are empowered to administer departmental teaching, learning, research and aspects of physical and infrastructure resources.
- Monitoring Students' academic and curricular activities.
- Responsible for overall functioning of department.
- Groom faculty and staff members to lead various departmental committees.

Principal

- Member secretary of GB, LMC of the Institute.
- Member of various committees at SPPU.
- Heading academic and administrative activities of the Institute.
- Forms various committees and appoints faculty/staff members as head of such committees for grooming leadership.

Management Level

- GB motivates faculty and staff members by recognizing their contribution.
- The management is always encouraging and supporting the involvement of the faculty in the improvement of the effectiveness and efficiency of the institutional process.
- The management through the Principal involves the faculty members in various activities related to the development of the Institute.

6.1.7 How does the college delegate authority and provide operational autonomy to the departments / units of the institution and work towards decentralized governance system?

The Institute believes in promoting a culture of decentralized governance system with well-defined inter-relationships.

• Adequate and systematized autonomy to all the departments and sections is

provided.

- Refining and redefining activities by keeping in view of the deliberations of class committee and associations.
- Organization of several activities by students to enhance the capabilities of students under the guidance of faculty to, improve their event management skills.
- Empowering HODs to distribute work load to faculty, to identify add-on courses, to identify the content beyond syllabus topics and to organize various faculty and student empowerment programs with the help of faculty and staff of the department.
- Allocation of budget on the basis of the proposals received from the department.
- Participation of laboratory technicians in making budget proposals.
- Empowering the faculty member as in-charge of a laboratory to devise and implement the necessary plans for effective conduction of the laboratory sessions.

6.1.8 Does the college promote a culture of participative management? If 'yes', indicate the levels of participative management.

- Yes; the Institute consistently promotes a culture of participative management.
- The Institute follows committee system for implementation of all its decisions and resolutions.
- The committees comprise of faculty members and students.
- Similarly the LMC and GB have representation from faculty and other stakeholders.
- HODs take the decisions and implement the action plan.
- The department faculty is involved in implementation of the policies of GB and department.

Hence at all levels there is participative management.

6.2 Strategy Development and Deployment

6.2.1 Does the college have a formally stated quality policy? How is it designed, driven, deployed and reviewed?

Yes,

SRES Sanjivani COE has a formally stated quality policy as given below

• We are committed to provide technical and management education to Under

Graduate and graduate students as per the norms of Affiliating and Accreditating authorities.

- This we shall achieve through continual improvement in Quality of Teaching and Learning process, overall development of students and staff.
- We shall strive to achieve satisfaction of students and society at large.

Quality policy is derived and aligned with respect to the vision and mission of the institution stated above. Quality policy clearly states the objectives of the institution, their process of progress towards the achievement of objectives and its contribution to the society. All these strategies are monitored by the IQAC.

Quality Document defines institute Policies on all the issues for quality assurance. They shall be implemented scrupulously encouraging improvement and innovation at various levels and developing the institute into a Centre of Excellence thus increasing the stakeholders value and providing quality service to the society.

In light of the challenges posed through Liberalization, Privatization and Globalization, competency development among humans is identified as only the solution. Based on this conclusion, the quality policy of the institute is developed and adequate awareness is created in all stakeholders through website and various publications of the institute.

6.2.2 Does the Institute have a perspective plan for development? If so, give the aspects considered for inclusion in the plan.

Yes;

The Institute has a perspective plan for development. It is developed by Principal with the help of HOD's of various departments under the guidance of LMC & GB. Based on the academic schedule given by the affiliating university, academic calendar is prepared by the Planning Committee. The academic calendar includes the list of pre- planned programs of various departments and examination schedules prepared with the knowledge of HOD's. To ensure development of the Institute, all the planning and execution is monitored regularly.

Provision of adequate annual budget is the part of the development plan. The aspects to be included in the perspective plan will be drawn from the following committee recommendations with priority

- Governing Body
- IQAC
- Research & Development

- Local Management Committee
- Head of Department
- Alumni Association

Aspects considered are:

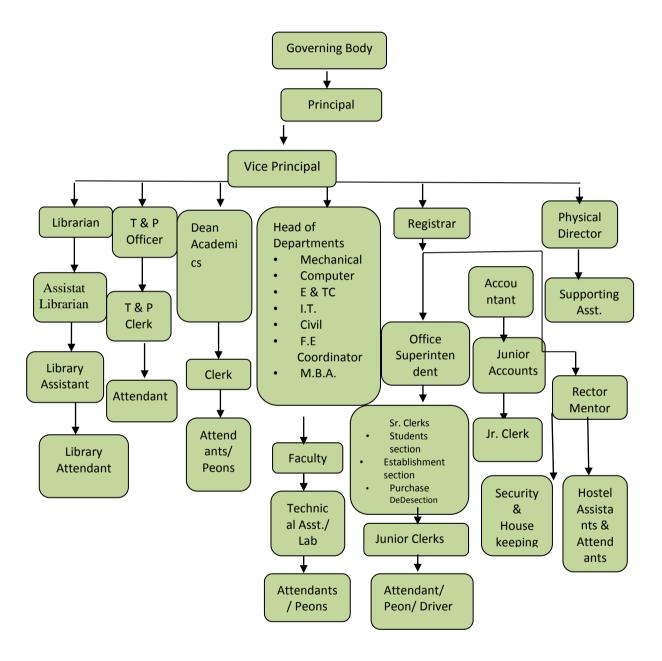
- To provide quality technical education at par with international standards.
- To strengthen the culture of R & D by promoting production of intellectual propertyin terms of research output, publications, applied research and transfer of knowledge.
- To introduce various professional programs in collaboration with global institutions of repute.
- To introduce industry relevant programmes in association with leading industries through tie-ups.
- To strengthen student placement in national and multi-national companies.
- To further strengthen infrastructure time to time to meet the growth requirements.

Perspective Plans

- Improving the number of MoUs with industries, national and international organizations
- Accreditation by international organizations.

6.2.3 Describe the internal organizational structure and decision making processes.

The institute functioning is based on the organizational chart shown below. Decision will be made by Governing body and disseminated by principal, vice Principal, Dean Academics and HODs and Committee in-charges.



6.2.4 Give a broad description of the quality improvement strategies of the institution for each of the following

- Teaching & Learning
- Research & Development
- Community engagement
- Human resource management
- Industry interaction

Teaching & Learning

- Implementation of outcome based teaching and learning methodology.
- Recruitment of well qualified and experienced staff as per AICTE norms.
- Sponsorship to faculty for higher studies and faculty development programmes.
- Use of modern teaching aids like LCD projectors and interactive boards in the classrooms.
- Continuous evaluation system for students.
- Introduction of various professional programs in collaboration with global institutions of repute.
- Emphasis on imparting skills through laboratory experiments and industrial visits /training / tours and various skill development programmes.

Research & Development

- To strengthen the culture of research and development by encouraging faculty
- members to pursue research by providing them the facilities like individual system, Wi-Fi connection, digital library, equipments and laboratory.
- To promote production of intellectual property in terms of research output,
 publications, applied research and transfer of knowledge.
- To encourage students to undertake industry sponsored projects.
- To encourage students to produce technical papers and contribute for research activities.
- To encourage faculty members to submit research proposals to various funding Agencies.
- MOUs with industries for undertaking R&D and consultancy work.

Community engagement

- Institute conducts community programs like blood donation camps, Tree
 plantation, Clean India Campeignand interacts with community. The students and
 faculty undertake community awareness programmes. Its National Social Service
 (NSS) program organizes various social events for community engagement along
 with camp.
- To inculcate strong ethics and human values with continuous counseling and interaction with parents.

Human resource management

- Institute has mechanism of notification of regular posts and conduct interviews.
 Theinstitution recruits faculty members and staff based on the guidelines provided by the Affiliating University.
- Adequate number of qualified teaching and supporting staff are appointed through the procedure of open advertisement & interview by Expert committee.
- Apart from this whenever deserving candidate approaches the Institute, it conductsinterviews and offers suitable position.
- The recruited faculty are deputed to undergo faculty development program toenhance the Teaching Learning Process.

Industry interaction

- To introduce industry relevant programmes in association with leading industriesthrough tie-ups.
- To encourage students to take up industry sponsored projects.
- Involvement of industry experts in academic activities.
- Providing consultancy to the industries.
- College understands how important things are in relation to others and sees in a
 particularway for developing continuously. The promoter society is committed for
 the aspects ofdevelopment of education, augmentation of infrastructural facilities
 and growth of theinstitution. It specifies targets to the institution along with
 allocating budget.
- To arrive at the target to be specified, Management seeks the information from all stakeholders, observers and evaluates the best practices and strategies of other institutions those are striving for excellence. In line to the views of the Society,

college determines the needed infrastructure for academic advancement, bringing excellence into the activities and allocates budget accordingly

- Allocation of budget taking up in house R & D as a measure to improve researchactivities
- Development of e-learning materials
- Industry specific projects

6.2.5 How does the Head of the institution ensure that adequate information (from feedback and personal contacts etc.) is available for the top management and the stakeholders, to review the activities of the institution?

Annual report of the Institute is prepared for consideration of GB with inputs from

- Monthly report of all departments is sent to the Principal regarding the different activities conducted in/by thedepartment.
- Monthly meeting of HODs to review variousactivities.
- At the mid of each semester online feedback from the students taken and suggestions from the students are used to improve academic and infrastructure facilities.
- Monitoring, review and evaluation of functioning of all committees.

The Principal discusses the day to day functioning of the Institute with the management. Any improvements or modifications will be decided by the management. Based on that, necessary circular is taken out and circulated.

6.2.6 How does the management encourage and support involvement of the staff in improving the effectiveness and efficiency of the institutional processes?

The management is always encouraging and supporting the involvement of faculty and staff in improving the Institutional processby

- Delegating the authority by appointing the HODs, Section in-charges, coordinators and members of committees.
- Deputing faculty to attend seminars, workshops, conferences, guest lectures either as participants or resourcepersons.
- Organizing seminars, workshops, and conferences, guest lectures, etc.

This improves the effectiveness and efficiency of the Institutional processes through effective involvement of teachers.

6.2.7 Enumerate the resolutions made by the Management Council in the last year and the status of implementation of such resolutions.

Sr.	Meeting	Resolution	Implementation
No	Date		
1	31 Jan.	Change of College Name	Proposal submitted to AICTE, State
	2015	(Sanjivani C. O. E.)	Govt. and the University. Name has been changed accordingly.
2	18 July	Write-off of old books from	The names of books are deleted
	2015	library of cost Rs.1,06,582/-	from list of the books available in library and other procedures are followed as per procedure.
3	07 Nov. 2015	Write-off of Laboratory material of Information Technology dept. of cost Rs.6,18,990/-	Necessary entries are made in dead stock register and subtracted the cost from dead stock register.
4	15 Feb. 2016	Write-off of Laboratory material of Information Technology dept. of cost Rs.4,31,500/-	Necessary entries are made in dead stock register and subtracted the cost from dead stock register.

6.2.8 Does the affiliating university make a provision for according the status of autonomy to an affiliated institution? If 'yes', what are the efforts made by the institution in obtaining autonomy?

Yes,

The affiliating university has a provision to accord status of autonomy to an affiliated institution.

The Institute has got permanent affiliation from Savitribai Phule Pune University, Pune.

The institute has prepared perspective plan to get autonomy.

6.2.9 How does the Institution ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyze the nature of grievances for promoting better stakeholder relationship?

Yes

The institute has constituted a Grievance Redressal committee which takes care of handling of grievances from both students and faculty members. The constitution of the committee is as given below.

Table No. 6.2.9 Grievances Redressal Committee

Sr.	Name of Member	Post	Designation
1	Dr. D. N. Kyatanwar	Principal	Chairman
2	Dr. M. S. Purkar	HOD, Civil	Member
3	Dr. B. R. Shinde	FE Coordinator	Member
4	Dr. C. L. Jejurkar	SAC I/C	Coordinator
5	Dr. M. A. Jawale	Ladies Representative	Member
6	Mr. Shubham Parikh	Cultural Secretary	Student Member
7	Miss. Saurabhi Raut	Ladies Representative	Student Member
8	Shri. Bhavsar K M	Office Superintendent	Member Secretary

- Mentorship scheme is emplemented for promoting better stakeholder relationship by the Institute.
- Mentor takes complaints/suggestions in one of the <u>regular meetings</u> with the Mentees in written form.
- These complaints are first resolved by mentor at its level in case of inability the complaints are forwarded to In-charge.
- Mentor In-charge and H.O.D. sort the complaints according to its scope viz.
 Department level, Institute level and Hostel level.
- Then root-cause analysis is done and necessary corrective and preventive actions are taken to resolve complaint.
- Once the complaint is resolved then its action is circulated to all concerned for information.

6.2.10 During the last four years, had there been any instances of court cases filed by and against the institute? Provide details on the issues and decisions of the courts on these?

There have been no instances of court cases filled by and against institute in the last four years

6.2.11 Does the Institution have a mechanism for analyzing student feedback on institutional performance? If 'yes' what was the outcome and response of the institution to such an effort?

Yes.

- It has computerized (online) mechanism for analyzing student feedback.
- Student can enter to feedback portal after entering its Academic year, semester, class, and division.
- Student will be provided the names of faculty and subjects taught by the faculty and certain questionnaire will be there.
- Student will record his/her response to questionnaire by clicking on one of the options buttons viz. Excellent, Good, Satisfactory and Poor.
- According to the response given by student faculty will score some mark.
- The score as well as improvement required (if any) in any particular area by the faculty will be communicated to his/her by HOD.
- Entire online feedback process is confidential i.e. student and its feedback is not exposed at any stage.

6.3 Faculty Empowerment Strategies

The process of planning human resources including recruitment, performance appraisal and planning professional development programmes and seeking appropriate feedback, analysis of responses and ensure that they form the basis for planning. Efforts are made to upgrade the professional competence of the staff. There are mechanisms evolved for regular performance appraisal of staff.

6.3.1 What are the efforts made by the institution to enhance the professional development of its teaching and non-teaching staff?

The institution supports the teaching and non-teaching staff to enhance their professional development by

- Encouraging faculty members to associate with state, national and international professional bodies like CSI,IEEE, ISTE, SEI. SESI etc.
- Encouraging the faculty to interact with the outside world under Industry Institute interaction Cell.
- Motivating faculty to organize state level, national level and international level

conferences/seminars/workshops.

- Encouraging participation of faculty in FDPs, seminars, workshops and conferences.
- Motivating the faculty and staff for arranging industrial training programs and visits
- Allowing the teaching and non-teaching staff to attend skill development and training programs.
- Allowing them to attend courses to improve their educational qualification.
- Organizing training programs for non-teaching staff on office automation, use of open source software etc.

6.3.2 What are the strategies adopted by the institution for faculty empowerment through training, retraining and motivating the employees for the roles and responsibility they perform?

Strategies adopted by the institution for faculty empowerment through training, retraining and motivating the employees for the roles and responsibility they perform includes:

- 1. Administrative skill development of faculty for this Institute organizes corporate training programs.
- 2. Personality development, teaching skill development and social and technical up gradation: Institute organizes special training programs.
- 3. The Institute deputes the faculty for training organized by other organizations. For example, FDPs, STTPs, Workshops, Seminars, Conferences, etc.
- 4. Institute invites resource persons such as industrialists, researchers and academicians for interactions with the faculty.
- 5. Institute encourages the expert faculty to motivate the less experienced faculty by giving essential inputs, providing training on delivery of lectures, laboratory work and seminar/project guiding.

6.3.3 Provide details on the performance appraisal system of the staff to evaluate and ensure that information on multiple activities is appropriately captured and considered for better appraisal.

The performance appraisal system consists of self-appraisal and appraisal by reviewing officer.

Performance appraisal system of the faculty

• Annual self-assessment for the performance based appraisal system is in place.

- It is ensured that information on multiple activities is appropriately captured.
- The information includes-
 - ➤ General information and academic background, courses/STTP attended during the year.
 - Academic performance information Teaching, learning and evaluation related activities, co- curricular, extension, professional, development related activities. Research publications and academic contributions.
- Other relevant information- Appraisal is reviewed and based on the performance. Appreciation letters are given to the deserving ones.
- Performance appraisal system of the non-teaching staff.
- Annual assessment for the performance based appraisal system is adopted as per guidelines of Government of Maharashtra.
- Hence it is ensured that information on multiple activities is appropriately captured.
- The information includes-
 - ➤ Performance in technical work and administration related activities, co-curricular, extension, professional, development related activities, academic contributions, general conduct and qualities, aptitude.

6.3.4 What is the outcome of the review of the performance appraisal reports by the management and the major decisions taken? How are they communicated to the appropriate stakeholders?

Vigilant scrutiny of appraisal reports helps in analyzing the performance of the faculty/staff.

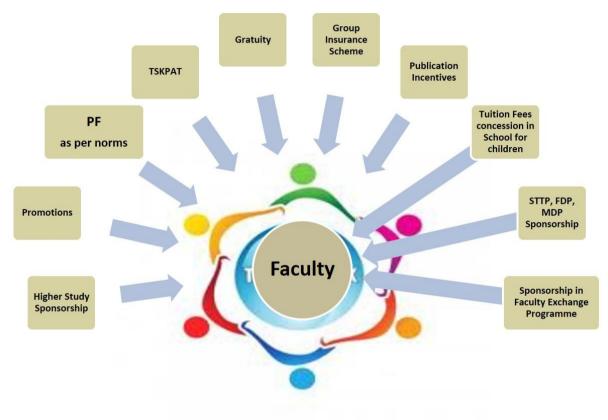
Outcome: The best part of the Performance Based Appraisal System (PBAS) is that each faculty becomes aware of the areas of improvements.

Decision: The score/category obtained in the PBAS contributes to the decision about faculty appreciation.

- Promotions are given to the faculty and staff based on their performances.
- Heads of various committees at Institute level are identified.
- Faculty with low score is personally counseled by the Principal and HOD.Communication with stakeholders: PBAS score of faculty is available to stakeholders as per their requirement/ request.

6.3.5 What are the welfare schemes available for teaching and non-teaching staff? What percentage of staff have availed the benefit of such schemes in the last four years?

Welfare schemes available for teaching and non-teaching staff are shown in the diagram as:



- Provident Fund as per government norms
- Promotions as per experience and qualification
- Study Leave, Special Leave and other leaves
- Higher study sponsorship
- Immediate loans upto 3lakhs available at Tantrashikshan Sanjivani Karmchari Patsansta (TSKPAT)
- Gratuity as per government norms
- Group medical Insurance of each employee with family cover of 5 members upto Rs.200000
- Research incentive for publication of research paper, article, and case study in reputed journals.

- 50% tuition fees concession at Sanjivani Academy- A CBSE School, Kopargaon for children of staff of Sanjivani group of Institute.
- Sponsorship for STTP, FDP, MDP etc.
- Sponsorship to faculty in faculty exchange program with University of Lethbridge Canada, Pozanan University Poland etc.
- Staff Welfare fund(SWF)
- Awards
- Online courses reimbursement

6.3.6 What are the measures taken by the Institution for attracting and retaining eminent faculty?

Academic Support

- Faculty is encouraged to pursue research and apply for research projects.
- Faculty is encouraged to attend/present research work in seminars, conferences and workshops.
- Due recognition is given to the faculty for research publication in reputed journals.
- Facilities to enhance the qualification
- Infrastructural Support
- Enriched library with latest books, journals and e-journals, etc.
- Free internet facility.
- Well-equipped laboratories.

Other Support

- State/national/international level seminars/conferences/workshops conducted for keeping in-tune with latest trends.
- Award/reward system.
- Training is provided to the faculty.

6.4 Financial Management and Resource Mobilization

- 6.4.1 What is the institutional mechanism to monitor effective and efficient use of available financial resources?
 - In the beginning of every academic year, the budget is prepared by various departments and sections in the prescribed format as per the circular issued by the Principal.

- Budget for the departments is prepared by concerned HODs, in consultation with the department laboratory in-charges and other faculty.
- Then it is sent to the Principal. The departmental budgets are discussed by the Principal at HOD's meeting and then sent to the management for approval. While preparing the institutional budget, at first, a provision is made for salaries and allowances. Next, a provision is made for administrative and maintenance expenses such as electricity, water, telephone, postage etc.
- Then, while making provisions for the departments, priorities, needs and requirements of various committees and development / up-gradation of department is considered. There are well-defined policies and mechanism for implementing the budget effectively.
- Then it is put up to the Governing Body for final approval. The sanctioned Budget is utilized for the proposed activities.

6.4.2 What are the institutional mechanisms for internal and external audit? When was the last audit done and what are the major audit objections? Provide the details on compliance.

External Audit

External auditor is appointed by the parent trust who executes the statutory audit. Last audit was carried out in the month of July 2015. No major irregularities were found in the audit and minor suggestions were complied.

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.

- Tuition fee and development fee collected from the students is the main source of income for the Institution.
- Budget allocation system for every academic year covering all the departments is in existence.
- Budgeted expenses are compared with projected revenue and necessary modifications are done as and when required.

In case of deficit of financial resources parent trust supports. The audited income and expenditure statement of previous four years is as follows Details of Income and expenditure (Rs. in Lakhs)

Details of Income and expenditure (Rs. in Lakhs)					
Particulars 2011-2012 2012-2013 2013-2014 2014-2015					
Income	1433.16	1436.73	1959.03	1839.38	
Expenditure	1582.45	1796.68	1981.47	2309.33	

6.4.4 Give details on the efforts made by the institution in securing additional funding and the utilization of the same (if any).

- Grants from University for seminars and workshops and research projects
- Grants from University for students welfare activities
- Research grants from university and other funding agencies like AICTE and DST.
- Funds are provided to students for External Competitions.

Years	2011-2012	2012-2013	2013-2014	2014-2015
Amount utilized (in lakhs)	7.50	4.08	11.13	9.58

6.5 Internal Quality Assurance System (IQAS)

6.5.1 Internal Quality Assurance Cell (IQAC)

a. Has the institution established an Internal Quality Assurance Cell (IQAC)?, If 'yes', what is the institutional policy with regard to quality assurance and how has it contributed in institutionalizing the quality assurance processes?

Yes

The Internal Quality Assurance Cell (IQAC) is formed in the Institute. The cell is working effectively for the overall quality improvement of the process system. The institute has well defined policy for the quality assurances which is ensured by the effective participation from all the stakeholders.

The Composition of the IQAC is as follows

Sr No	Name of Members	Category	Designation
1	Dr. D. N. Kyatanavar	Principal	Chairman
2	Mr. K.M. Bhavsar	Office Superintendent	Administrative Officer
3	Prof. R. G. Zope	Professor, E&TC	Co-ordinator
4	Mr. S. George	Associate Professor, E&TC	Member
5	Mr. S. V. Bhaskar	Associate Professor, Mechanical	Member
6	Ms. V. V. Sasane	Assistant Professor, Civil	Member
7	Mrs. S. R. Dandawate	Assistant Professor, Engg. Science	Member
8	Ms. D. P. Bhambare	Assistant Professor, IT	Member
9	Mr. A. V. Brahmne	Assistant Professor, Computer	Member
10	Ms. M. S. Bhayani	Assistant Professor, MBA	Member
11	Shri. Amitdada Kolhe	Trustee	Member
12	Shri. Vijay Naidu	Local Society	Member
13	Mr. Vijay Shejul	Alumni	Member
14	Mr. Rishikesh Darandale	Alumni	Member
15	Mr. Avinash Gavali	Industrialist	Member
16	Mr. Anil Zope	Industrialist	Member

The formation of Internal Quality Assurance Cell (IQAC) is in the process.

b. How many decisions of the IQAC have been approved by the management / authorities for implementation and how many of them were actually implemented?

Management has taken initiative from time to time to facilitate the development and quality improvement of the environment in the Institute. All the decisions taken by the IQAC are forwarded to management for approval. The management without delaying the decision making process accepts all the decisions taken by IQAC along with suggestions and necessary improvements as necessary

c. Does the IQAC have external members on its committee? If so, mention any significant contribution made by them.

Yes

IQAC includes committee members other than the main stakeholders of the system. One member of the committee is from the local body. Two members are from the industries.

The inputs received from the external members are taken into consideration and implemented effectively for quality improvements, to name a few are as given below:

- The industrial requirements are satisfied by organizing faculty development programs like workshops, seminars given by the experts in industry.
- Special training programs for students to improve communication skills, leadership qualities are organized along with regular academics.
- d. How do students and alumni contribute to the effective functioning of the IQAC?
 - Software based students feedback system gives input for the improvement in teaching learning process.
 - Mentor activity to cater the needs of the students based on their requirements.
 - Dedicated alumni cell.
 - Feedback from alumni community.
- e. How does the IQAC communicate and engage staff from different constituents of the institution?

The decisions and policies fixed by the IQAC are communicated to staff members from different constituents of institution through the Principal of the Institute through the Head of the respective departments.

6.5.2 Does the institution have an integrated framework for Quality assurance of the academic and administrative activities? If 'yes', give details on its operationalization.

Yes

- Institute is ISO certified and follows the framework based on the ISO process manual.
- Software based Student Feedback System with effective implementation.

- Result Analysis based on the University Examination.
- Dedicated Alumni cell for suggestion and improvement in the teaching-learning processes based on the Industry feedback from Alumni community.

6.5.3 Does the institution provide training to its staff for effective implementation of the Quality assurance procedures? If 'yes', give details enumerating its impact.

Yes

- Conduction of Faculty development programs enhancing the quality of teaching learning processes.
- Encourage the Faculty members to attend STTP, Workshops and Conferences.
- Dedicated Institute Industry Interaction cell for practical on-site training and development of the students and faculty.

6.5.4 Does the institution undertake Academic Audit or other external review of the academic provisions? If 'yes', how are the outcomes used to improve the institutional activities?

Yes

Internal Audit

Audit of all the departmental processes including course file, practical file, Departmental Portfolios, Laboratory Manuals, etc. is conducted through internal ISO auditors.

External Audit

External Audit is conducted through External ISO auditors, based on this guidelines, suggestion, improvement and compliance is given to the Principal.

Outcome

- Faculty are given suggestion for improvement based of the discrepancies found during Audit
- Provision for extra lectures for the lagging syllabus of particular faculty.

- Dedicated Departmental library books and up-gradation as per the requirement.
- Institute has undergone NBA accreditation and all suggestions have been implemented.
- Institute has received ISO 9001:2008 certification.
- Institute has five department NBA accredited.

6.5.5 How are the internal quality assurance mechanisms aligned with the requirements of the relevant external quality assurance agencies/regulatory authorities?

- IQAC is aligned with requirements of external quality assurance agencies in terms of quality of teaching-learning process.
- Teaching quality is monitored by the Dean and concerned HODs. Based on above the corrective and preventive actions are implemented.
- Internal ISO audit is conducted in every semester to monitor academic and administrative performance.
- External audits conducted.
- Feedback from the stakeholders is collected and on that basis the Institution ensures effective quality assurance.
- Because of this mechanism Institute could go for NBA accreditation sucessfully.
- Alumni cell provides valuable suggestions for the next generation engineers based on the requirement of the Industry, on the basis of this necessary changes are made in the process to impart quality.

6.5.6 What institutional mechanisms are in place to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome?

Teaching learning process structure is reviewed through institutional mechanism

Structure for Review of teaching learning process

Principal, HODs, committee in-charges, student representatives forms the structure to review teaching-learning process. HOD meetings conducted by the principal help in review of the working of the college. HOD's conduct monthly departmental meetings in order to review the progress and performance of the department. Minor issue are discussed

and solved at department level, whereas major points are discussed and necessary changes are suggested at Head of the Institute level.

Methodology

The review of teaching learning is done in the following manner:

- Preparation of academic calender at beginning of every semester.
- Taking subject choices from faculty.
- Departmental time table preparation of classroom, laboratory session on the basis of choices given.
- Teaching plan and practical plan preparation by faculties based on academic calendar and personal timetable at the beginning of semester.
- Innovative, digital teaching-learning and working environment in college.
- Implementation of Mentor scheme for improvement of teacher student interaction.
- An academic audit is done by the Inter-department Academic Audit Committee.
 The audit is conducted by visiting departments to review the functioning and involvement of teachers in co-curricular and extracurricular activities.
- Result analysis at the end of each examination.
- Student Feedback in each semester.

Outcome

- Academic calender plans the smooth schedule for the complete semester for effective teaching-learning process.
- The Teaching Plan and practical plan helps the teachers in organizing their time leading to timely completion of curriculum and conducting examinations as planned. This has led to improvement of results.
- Based on the students feedback necessary actions are suggested to concerned faculties.
- Use of digital teaching techniques like power-point presentations to improve the visualization quality of the students
- Mentorship scheme helps students to discuss and attain the personal traits in the learning through individual discussion with Mentors.

6.5.7 How does the institution communicate its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders?

- Parent Meets: Institute organizes parent meet on regular basis, once in a semester
- Alumni Meets: Institute organizes Alumni meet on regular basis.
- Mentor Meetings: Monthly Mentor meetings are arranged for the Students for feedback, review of Teaching Learning process, Communication of Policies to Students
- Display of vision, mission and quality policies on the website of the Institute, as well as on boards at prominent places on campus.
- Vision, Mission and quality assurance mechanisms are included in the information brochure.
- All stakeholders are informed of quality assurance and outcomes during induction programs, students mentor meetings, parent meetings, alumni meets, as well as all other gatherings, like seminar, workshops, short term training programs by the Head of the Institute in his address.

Any other relevant information regarding Governance Leadership and Management which the college would like to include.

The Institute is a pioneering and leading Institute in the Western region of Maharashtra state. It has maintained a high reputation in quality of teaching learning process. Recently, Institute has received the Best College Award (Professional Course), Rural area from SPPU, Pune. The departments of the Institute are accredited by National Board of Accreditation, New Delhi.

Self Study Report [SSR]

CRITERION- VII

INNOVATIONS AND BEST PRACTICES

Sanjivani engg students win at DIPEX-2014

LOKMAT NEWS NETWORK KOPARGAON, APRIL 9

The mechanical engineering branch students of Sanjivani College of Engineering, Kopargaon won the first prize for its project Manually Operated Coconut Dehusking Machine' in state level project exhibition and competition named as DIPEX-2014 organized by All India Students' Council at Karmmyogi College of Engineering, Pandharpur recently.

The participating students Rushikesh Rajendra Joshi, Prasad Dilip Joshi, Ritesh Vijay Deshmukh and Deepali Shivaji mechanical



Pulate were felicitated by chairman Nitin Kolhe in a small

function on their success.

Amit Kolhe expressed his opinion after the felicitation was over. Principal Dr. D. N. Kyatanwar, Vice Principal and Head of Mechanical Engineering Department Dr. A. G. Thakur, project guide Prof. D. P. Bhaskar were present on this occasion.

Regarding Photo: Students of Sanjivani Engineering College won the first prize in the state level Project Competition DIPEX-14.

Seen are Nitin Kolhe, Amit Kolhe, Dr. Kyatanwar, Dr. Thakur and Prof. Bhaskar along with the prize winner students.



Self Study Report [SSR]

CRITERION VII: INOVATION AND BEST PRACTICES

7.1 Environment Consciousness

7.1.1 Does the Institute conduct a Green Audit of its Campus and Facilities.

Environment consciousness is enshrined in the mission of the institute and tree plantation is the major concern of the management to maintain the pristine purity and beauty of the college to provide a congenial atmosphere for the academic and non-academic pursuits. Green audit of the campus is carried out by the staff under NSS periodically by supervising the maintenance of the existing trees and locating places for planting new trees.

- Tree Plantation is done for every year through NSS
- The college has nurtured number of trees of different variety.
- Most of the work is paperless as college has been utilizing ERP software.
- Sprinkler system is used to give optimum water to garden and lawns .
- Special contract is given to outside agency to keep campus neat and clean.

7.1.2 What are the initiatives taken by the College to make the campus Ecofriendly?

★ Energy Conservation

- Minimal consumption of energy is the saving factor of energy conservation in the campus. The notices near the switch boards used to creating awareness about power saving and safety.
- The use of LED and CFL lamps reduced energy consumption.
- The faculty, staff and students are taking care to switch off power supply whenever it is not required.
- Solar water heaters are installed in boys and girls hostel on the campus for daily use of students.

***** Rain Water-Harvesting:

■ The Rainwater from the rooftop of Testing of Material lab Building is collected and discharged to a well via pipes. This helps in recharge of the well.

★ Check Dam Construction

Separate water lake is constructed through which water has been supplied to college campus through pipeline and water is distributed through RO filter plant throughout campus.

★ Efforts for Carbon Neutrality

- College is having its own vehicles and regular maintenance has been carried out for these vehicles which are support to low down the Carbon Neutrality.
- Institute has separate parking zone for vehicles.
- Dead leaves of tree are decomposed and used as organic fertilizer.
- Green Treasure Day and Pollution Free Day was initiated in 2014-15 to spread awareness about Green India. Planting a variety of trees has contributed to carbon neutrality on the campus.

† Plantation

- Different types of trees are planted in campus.
- NSS unit is also carrying out tree plantation as regular activity in campus and nearby villages during NSS camps.

Hazardous waste management

Every day all the academic buildings and other surrounding area in the campus are cleaned by out sourcing agency and they separate out waste and dispose accordingly.

★ E-waste management

- Physical assets audit has conducted every year and as per request of writeoff of equipment is gone through repair and maintenance.
- All the miscellaneous e-waste such as CDs, batteries, fluorescent bulbs, PCBs and electronic items are collected from every department and

delivered for safe disposal. Useful parts of electronic gadgets like resistors, capacitors, inductors, diodes, transistors, thyristors, etc have been removed from the gadgets for reuse purpose in practical /projects of final year students.

Electronic goods are put to optimum use. The minor repairs are set right by the staff and the Laboratory assistants and the major repairs are carried out by the professional techniciansand are reused. The damaged computers are exchanged with the local dealers. UPS Batteries are recharged/repaired/exchanged by the suppliers. The waste compact discs are used by students for decoration. When they fall out of use, they are handed over to the agent of the suppliers of electronic equipments.

7.2 Innovations

- 7.2.1 Provide details of innovations introduced during the last five years which have created a positive impact on the functioning of the College.
 - Innovations in Curricular Aspects
 - Academic Calendar at college level and Department level.
 - ISO 9000:2008 certification for academic and allied procedures.
 - Teaching plan and Practical Plan
 - Remedial classes
 - **■** Soft Skill Training by professionals
 - **■** Workshop & FDP for faculty
 - **■** Tutorials
 - Short term courses for developing technical skills.
 - Course file
 - Laboratory Manual

Innovations in Teaching, Learning and Evaluation

- Yellow Book- Continuous assessment of Term-work.
- Self Learning for every subject
- Content Beyond the syllabus
- Attendance Monitoring system

- Guest lecture by experts or Alumni
- Every faculty prepares subject wise course files in which all the teaching material is available including handwritten notes, PPT handouts, transparent sheets, previous question papers etc.
- Spoken tutorials

★ Innovations in Research, Consultancy and Extension

- Research cell at College Level
- Consultancy
- UG Project
- UG Seminar
- Short Term Training Program for faculty
- Industrial visits by faculty

★ Innovations in Infrastructure and Learning Resources

- RO water facility
- Wired and Wi-fi campus
- Reading Hall (Common)
- Mentorship Scheme
- Gymkhana
- Sport
- NPTEL Videos
- ERP based system
- Use of bio-metric attendance in college.

7.3 Best Practices

7.3.1 Give details of any two best practices which have contributed to better academic and administrative functioning of the college.

Best Practice-I

1. **Title of the Practice:** Mentorship Scheme

2. Goal

- To plan Personal and career goals of students.
- To improve presentation skills/written skills and oral communication skills.
- To improve general aptitude test/technical quiz proficiency.
- To develop leadership qualities.
- To know resume writing and preparations for mock interview.
- To monitor overall progress of students during his/her graduation .

3. The Context:

- Along with the adaptation of good teaching learning process, which enhances the technical knowledge of students, Institute has designed innovative methods for the overall personality development of the students.
- Through Mentorship scheme- institute has developed systematic road map for improving the different aspects of personality developments, Communication Skill, Presentation Skill, Team Work, leadership qualities, resume writing, etc. and make them ready to face the challenges in industry.
- The students lagging in any of the above mentioned skills are eager to participate in the different activities planned under the Mentorship Scheme to develop themselves.
- The objective of Institute to implement mentorship scheme is to provide training and guidance to undergraduate students in all disciplines, increase the participation of all undergraduate students from F.E to BE in the different activities conducted by the Institute, which will be useful to them in their life after graduation. Institute seeks to foster and support students in achieving their personal and professional goals as undergraduates and prepare them for their future challenges.
- Faculty who serve as mentors make a valuable contribution to the education and training of undergraduate studets interested in hands-on experience in different activities. Students judge the experiences primarily by their

interaction with their mentors. Thus, the role of faculty member in scheme is crucial to the program's success.

4. **Practice:**

- In the mentorship scheme a Teacher (mentor) is allocated with group of approximately twenty students (mentees). Around five students from each year i.e. F.E, S.E, T.E and B.E to form a group of twenty.
- Mentor meeting is conducted once in an alternate week. Various activities like career goal setting, presentation skill, communication skill, resume writing, aptitude test etc. are conducted in the meetings.
- Along with these activities, mentor has to keep the academic record of the mentees allotted to him in terms of their monthly attendance, academic results, co-curricular participation within and outside campus etc. and inform the same to the parents.

5. **Evidence of success:**

- The evidence of success of mentorship system is reflected through the overall personality development of students.
- Those students who had lack of confidence, weak in communication, poor presentation skills, were observed having marginal improvement in the lacked areas when they came to final year.
- Parents were happy to have a system where, the overall progress of their ward is monitored and informed to them timely right from the first year till the candidate completes his/her engineering.
- There is a marginal increment in the number of students participating in various events held within and outside the college, since the implementation of Mentorship Scheme.

6. **Problem Encountered and Resources required:**

- The institute being situated in rural area the students are not that much exposed to the current enhancements. To overcome this mentors play an important role by making them aware of the same.
- To mould the students' mentality towards improvement in their personality without hampering academics was a difficult task.

Best Practice-II

1. Title of the Practice:-Students' Associations of Department and College.

2. Goal

- To develop personality, communication skill, awareness about different types of entrance exams and interview, and to develop skill to qualify various competitive exams.
- To develop awareness about sports and physical fitness.
- To conduct useful courses and technical seminars & workshops as per the current industry need.
- To organize various activities like programming contest, technical quiz, debate competition, personality contest etc. that will not only enhance the technical abilities and knowledge among the students, but also builds the overall personality skills of the students.
- To organize events like project competition, paper presentations etc.
- To develop awareness about participation in different events held at state, national and international level.

3. The Context:

- It is platform for students to participate actively in the activities conducted by students' associations.
- Each department of college has its own students' association and college also has its own students' association called as "students Council".
- These associations are working on methods of "for the students, by the students and from the students" means these associations are made by students for students development.
- In the association students may works as volunteer on post such as Chairman/president, Vice President, Joint Secretary,treasurer, Ladies representatives and Executive members. They are selected from students by inviting applications from interested students.

4. The Practice:

After formation of association the activities are planned for a semester. While making plan different suggestions from student and faculty members are considered in a meeting. For every activity a team is formed including a faculty and students. The team is responsible for conducting the activity.

■ Students associations are planning for at least 18 activities each year and such activities are sports, technical activities and non technical activities.

5. Evidence of success:

- The Students who are participating in activities are appreciated with certification and prize. Attendance of participating students is maintained with the signature of event incharge. Notices has been circulated through college about conduction of activities so that students can take active part in activities.
- Students involvement: Students are actively participating in different activities, it makes a positive improvement in students like personality development, communication skills, management skills, programming skills etc.
- **Teamwork:** As students and faculty work together, it builds team spirit among students. It also helps for faculty since students are having innovative ideas. Bonding is formed among students and faculty. It helps in many perspectives for students.

6. Problems Encountered and Resources required:

- Students are hesitating to take part in activities because of lack of confidence and daring.
- Feeling burden of academics to participate in activities.
- To motivate students for participation is challenge.

Evaluation Reports of the Department

Department of Civil Engineering

Department of Computer Engineering

Department of E & TC Engineering

Department of Information Technology

Department of Mechanical Engineering

Department of MBA

Department of Civil Engineering

Self Study Report [SSR]







Self Study Report [SSR]

Evaluative Report

Department of Civil Engineering

1. Name of the Department : Civil Engineering

2. Year of Establishment : 1983

3. Names of Programmes / Courses offered

(UG, PG, M.Phil., Ph.D., and Integrated

Masters; Integrated Ph.D., etc.) : UG in Civil Engineering,

PG in Environmental Engineering,

Ph.D in Civil Engineering

4. Names of Interdisciplinary courses and the departments/units involved:

Sr.	Voor	Semester	Course	Course	Department
No.	1 cai	Semester	Code	Course	Department
1			107001	Engineering Mathematics I	Engineering Science
2			107002	Engineering Physics	Engineering Science
3			102006	Engineering Graphics I	Mechanical Engineering
4	FE	I	103004	Basic Electrical Engineering	Electronics and Telecommunication
5			110003	Fundamentals of Programming Languages I	Information Technology
6			111007	Workshop Practice	Mechanical Engineering
7			107009	Engineering Chemistry	Engineering Science
8			107008	Engineering Mathematics II	Engineering Science
9	FE	Ш	104012	Basic Electronics Engineering	Electronics and Telecommunication
10			102013	Basic Mechanical Engineering	Mechanical Engineering
11			102014	Engineering Graphics II	Mechanical Engineering
12			110010	Fundamentals of Programming Languages II	Information Technology
13	SE	I	207001	Engineering Mathematics III	Engineering Science

5. Annual/semester/choice based credit system (Programme wise):

UG: Semester Based Credit SystemPG: Semester Based Credit System

6. Participation of the department in the courses offered by other departments

Sr. No.	Year	Semester	Course Code	Course	Department
1	FE	I	101005	Basic Civil and Environmental Engineering	Mechanical Engineering Electronics and Telecommunication Computer Engineering Information Technology
2	FE	II	101011	Engineering Mechanics	Mechanical Engineering Electronics and Telecommunication Computer Engineering Information Technology

- 7. Courses in collaboration with other universities, industries, foreign institutions, etc.: Nil
- 8. Details of courses / Programmes discontinued (if any) with reasons:Nil

9. Number of Teaching posts:

Post	Sanctioned	Filled
Professors	05	05
Associate Professors	11	00
Asst. Professors	31	41

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

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. M.S. Purkar	Ph. D.	Professor & HOD	Geotechnical Engineering	28	
Dr. M.V.Jadhav	Ph. D.	Professor	Environmental Engineering	26	
Dr. A.S.Sayyad	Ph. D.	Professor	Structural Engineering	11	03
Dr. S.V.Patankar	Ph. D.	Professor	Structural Engineering	21	

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. C.L.Jejurkar	Ph. D.	Asso. Professor	Water Resources	20	
Mr. B.S.V. Murthy	M.E.	Asst. Professor	Transportation Engineering	29	
Mr. N.S.Naik	Ph. D. (Pursuing)	Asst. Professor	Structural Engineering	21	
Mr. S.M.Ghumare	Ph. D. (Pursuing)	Asst. Professor	Structural Engineering	14	
Miss.V.V.Sasane	Ph. D. (Pursuing)	Asst. Professor	Environmental Engineering	8	
Mr. A.V.Deshpande	Ph. D. (Pursuing)	Asst. Professor	Engineering Geology	7	
Mr. D.D.More	ME	Asst. Professor	Structural Engineering	6	
Mr. S.R.Korake	Ph. D. (Pursuing)	Asst. Professor	Environmental Engineering	9	
Mr. M.D.Ghodle	ME	Asst. Professor	Environmental Engineering	5	
Miss. P.P.Dange	ME	Asst. Professor	Construction Management	5	
Mr. D.R.Tipayale	ME	Asst. Professor	Environmental Engineering	5	
Mr. A.S.Jadhav	ME	Asst. Professor	Environmental Engineering	5	
Mr. S.M.Gunjal	ME	Asst. Professor	Structural Engineering	8	
Miss B.M.Shinde	ME	Asst. Professor	Structural Engineering	6	
Mr. P.N.Shinde	ME	Asst. Professor	Structural Engineering	9	
Mr. S.R.Nawale	ME	Asst. Professor	Structural Engineering	10	
Mr. A.V.Ghogare	ME	Asst. Professor	Structural Engineering	5	
Mr. V.M.Mahajan	ME	Asst. Professor	Environmental Engineering	5	
Mr. V.S. Chaudhari	ME	Asst. Professor	Environmental Engineering	7	
Miss. H.N.Wagh	ME	Asst. Professor	Environmental Engineering	4	
Miss. G.N. Sarangdhar	ME	Asst. Professor	Environmental Engineering	4	
Mr. S.S.Kolapkar	ME	Asst. Professor	Structural Engineering	2	

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Mr. K.D. Petare	ME	Asst.	Engineering	2	
		Professor Asst.	Geology Structural		
Mr. B.R.Patare	ME	Professor	Engineering	4	
Miss. A.S. Jape	ME	Asst.	Structural	4	
141135. 71.5. Jape	WIL	Professor	Engineering	T	
Mr. K. B. Bande	ME	Asst.	Construction	2	
		Professor	Management		
Mr. S.A. Patare	ME	Asst. Professor	Structural	6	
		Asst.	Engineering Structural		
Mr. S.B.Gayke	ME	Professor	Engineering	4	
		Asst.	Structural		
Mr. R.S. Rajguru	PG	Professor	Engineering	7	
		Asst.	Building		
Mr. S.D. Shaikh	ME	Professor	Sciences	1	
Mr. O A Voidvo	ME	Asst.	Structural	5	
Mr. O.A.Vaidya	ME	Professor	Engineering	5	
Mr. A.R. Pabale	ME	Asst.	Structural	2	
Wii. 7 i.it. 1 douic	WIL	Professor	Engineering	<u> </u>	
Mr. U.T.Kulkarni	ME	Asst.	Environmental	1	
		Professor	Engineering		
Mr. Manjunath B.	ME	Asst. Professor	Transportation Engineering	1	
Mr.		Asst.	Environmental		
D.N.Paithankar	ME	Professor	Engineering	3	
		Asst.	Construction		
Mr. R.V.Kolhe	ME	Professor	Management	1	
Ms. Shruthi	ME	Asst.	Geotechnical	5	
Hiremath	NIE	Professor	Enginering	3	
Mr. S.H.Biradar	ME	Asst.	Structural	2	
	1,12	Professor	Engineering		
Mr. S. S.	ME	Asst.	Structural	3	
Kolapkar		Professor	Engineering		
Mr. S. S. Pawar	M. Sc	Asst. Professor	Maths	6	
Ms. Sonali S. Chine	M. Sc	Asst. Professor	Maths	6	
Mr. N S. Abhale	M. Sc	Asst. Professor	maths	1	
Mr. S. G.Teggi	ME	Asst. Professor	Geotechnical Engineering	2	
Mr. S. G.Taji	ME	Asst. Professor	Water Resources		

- 11. List of senior visiting faculty:Nil
- 12. Percentage of lectures delivered and practical classes handled (Programme wise) by temporary faculty: Nil
- 13. Student Teacher Ratio (Programme wise):

UG - 15:1

PG - 12:1

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

Post Name	Sanctioned	Filled
Laboratory Assistant	08	05
Clerk	01	01
Peon	06	06

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

Refer Point No. 10.

Ph.D. : 05

ME/M.Tech. : 41

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received

Sr. No.	Duration Year From To	Name of PI	Title of the project	Name of the funding agency	Grant Received (lakhs)
1	2014-2016	Mr. S. R. Korake	An Investigation of Disinfection Efficiency of Indigenous Plants Based Disinfectants	BCUD SPPU Pune	1,40,000.00
2	2016-2018	Dr. C. L. Jejurkar	Rainfall Simulator and NRCS-CN using GIS in Runoff Estimation	BCUD SPPU Pune	1,85,000.00
4	2016-2018	Miss. B. M. Shinde	Stress Analysis of FGM Plates Under Thermal Load	BCUD SPPU Pune	1,20,000.00

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received:

Sr. No.	Name of Faculty	Title of Project	Name of The funding agency	Sanctioned Amount (Rs.)	
1	Dr. Sayyad	Experimental Investigation on Reinforced	BCUD SPPU	1,40,000/-	
1	A. S.	Geopolymer Deep Beam	Pune	1,40,000/-	
2	Dr. Jadhav	River Water Quality Modeling: Godavari	BCUD SPPU	1,40,000/-	
2	M. V.	River	Pune	1,40,000/-	
3	Mr. Kankal	Study of Industrial Waste Water Treatment	BCUD SPPU	1.40.000/	
S. B.		by Fluidized Bed Bio Reactor	Pune	1,40,000/-	
4	Dr. M.S.	MODROBs of Structural Engineering	AICTE	5,50,000/-	
4	Purkar	Laboratory	AICIE	3,30,000/-	

18. Research Centre /facility recognized by the University:

Ph. D. Civil Engineering, Recognised by Savitribai Phule Pune University, Pune.

(Ref. No.: CA/3076 Dated on 24/08/2015)

19. Publications:

a) Publication per faculty

Sr. No.	Name of Faculty	Total number of publications		
		National	International	
1	Prof.M.S.Purkar	3	4	
2	Dr. M.V.Jadhav	-	20	
3	Dr. A.S.Sayyad	-	49	
4	Dr. S.V.Patankar	01	09	
5	Dr. C.L.Jejurkar	01	05	
6	Mr. N.S.Naik	-	06	
7	Mr. S.M.Ghumare	-	05	
8	Miss.V.V.Sasane	-	07	
9	Mr. A.V.Deshpande	-	04	
10	Mr. S.R.Korake	-	05	
11	Mr. M.D.Ghodle	-	03	
12	Mr. A.S.Jadhav	-	01	
13	Mr. S.M.Gunjal	-	02	
14	Miss B.M.Shinde	-	09	
15	Mr. P.N.Shinde	-	01	
16	Mr. S.R.Nawale	-	01	
17	Mr. V.S. Chaudhari	-	02	
18	Miss. G.N. Sarangdhar	-	02	
19	Mr. B.R. Patare	-	01	

- * Number of papers published in peer reviewed journals (National / International) by faculty and students: 136
- * 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.): 136

* Monographs: Nil

* Chapter in Books: Nil

* Books Edited: Nil

* Books with ISBN/ISSN numbers with details of publishers: Nil

* Citation Index: Total Citations: 370

* SNIP: 2.144 * SJR: 2.408

* Impact factor: Total Points: 30.116 (Maximum = 3.853)

* h-index: Maximum: 11* i10-Index Maximum: 15

20. Areas of consultancy and income generated:

The major areas of consultancy are Geotechnical Engineering and Testing of Materials.

Areas	Year	Income Generated (Rs.)
Testing of Materials	2016-17	1,72,600.00
Geotechnical Engineering	2016-17	56,000.00
Surveying	2016-17	38,000.00
Geotechnical Engineering	2015-16	1,30,000.00
Testing of Materials	2015-16	3,91,900.00
Geotechnical Engineering	2014-15	2,06,000.00
Testing of Materials	2014-15	2,48,600.00
Geotechnical Engineering	2013-14	1,34,200.00
Testing of Materials	2013-14	2,15,750.00
Surveying	2013-14	10,000.00

21. Faculty as members in

a) National Committees:

Sr.	Name of Faculty	Name of Committee and Designation
No.		
1	Dr. M.S.Purkar	Member of Local Inquiry Committee (LIC)for Savitribai Phule Pune University
		2. Member of Staff Selection Committee of Savitribai Phule Pune University
		3. Master of Engineering Dissertation Examiner for other Universities.
2	Dr. M.V.Jadhav	Member of Local Inquiry Committee (LIC)for Savitribai Phule Pune University

Sr. No.	Name of Faculty	Name of Committee and Designation		
		2. Member of Staff Selection Committee of Savitribai		
		Phule Pune University		
		3. Master of Engineering Dissertation Examiner for other		
		Universities.		
3	Dr. A.S.Sayyad	1. Member of Local Inquiry Committee (LIC)for		
		Savitribai Phule Pune University		
		2. Member of Staff Selection Committee of Savitribai		
		Phule Pune University		
		3. Master of Engineering Dissertation Examiner for other		
		Universities.		
4	Dr. S.V.Patankar	1. Member of Local Inquiry Committee (LIC)for		
		Savitribai Phule Pune University		
		2. Member of Staff Selection Committee of Savitribai		
		Phule Pune University		
		3. Master of Engineering Dissertation Examiner for other		
		Universities.		
5	Dr. C.L.Jejurkar	1. Member of Local Inquiry Committee (LIC)for		
		Savitribai Phule Pune University		
		2. Member of Staff Selection Committee of Savitribai		
		Phule Pune University		
		3. Master of Engineering Dissertation Examiner for other		
		Universities.		

b) International Committees: Nil

c) Editorial Boards:

Dr. A. S. Sayyad: 1) American Journal of Civil Engineering and Architecture

2) World Journal of Engineering Science

22. Student projects

a) Percentage of students who have done in-house projects including interdepartmental/
 Programme: 100%

b) Percentage of students placed for projects in organizations outside the institution i.e.inResearch laboratories/Industry/other agencies:**Nil**

23. Awards/Recognitions received by faculty and students

a) University Rank Holders

Sr. No.	Name of student	Year	University Rank	Percentage
01	Chaphekar Harshada	2016	1 st (Civil) & 3 rd (Overall)	86.26
02	Gadekar Sonal	2016	$7^{ m th}$	81.80
03	Vanve Devidas	2015	10 th	78.80
04	Gadekar Sonal	2015	$7^{ m th}$	81.80
05	Chaphekar Harshada	2015	1 st	86.27
06	Chaphekar Harshada	2014	2 nd	84.73
07	Jadhav Mayur	2013	8 th	71.06
08	Patil Harshal	2013	$3^{\rm rd}$	73.20
09	Kaklij Sachin	2013	2 nd	74.47
10	Singh Pratibha	2011	$7^{ m th}$	75.13
11	Chellani Gunjan	2010	2 nd	77.60

b) Activity-Paper Presentation

SERIAL	Name of	Name of conf.	nlago	Date	PRIZE
number	student	/ workshop	place	Date	FRIZE
		Academic Year 2	016-17		
1	Metkar			_	1 st
1	Akshay	Techno-	SCOE	6 th April	1
2	Thorat	sanjivani 2017	Kopargaon	17	1 st
	Abhijeet				1
3	Thombare				1 st
	Pradeep				1
4	Pardeshi				1^{st}
-	Pratik				1
5	Chavan				$2^{\rm nd}$
J	Vishal				2
6	Karanje				2 nd
0	Rahul				2
7	Lande				$2^{\rm nd}$
,	Mahesh				2
8	Paithane				$2^{\rm nd}$
	Kailas				2
9	Chavan				$2^{\rm nd}$
7	Akshay				2
10	Warkhede				3 rd
10	Kunal				3
11	Shende				3 rd
11	Diksha				C
12	Lande Pooja				$3^{\rm rd}$

	Maske				,
13	Chetan				3 rd
14	Lande Amol				3 rd
15	Malkar				Consolation
13	Rishab				Consolation
16	Shinde				Consolation
	Sucheta				0011501441011
17	Mahurkar				Consolation
	Sayali				
18	Lakudzode				Consolation
	Pooja Kotalwar				
19	Anuprita				Consolation
	Thombare				1
20	Pradeep			16 th -18 th	3 rd
2.1	Pardeshi	Metech 16	MET Nasik	Sep. 2016	ard
21	Pradik			1	3 rd
22	Pardeshi				2 nd
22	Pradik	INERNO 2k 17	SND COE Yeola	1 st March	2
23	Thombare	INDININO 2K 17		17	2 nd
23	Pradip				2
24	Thombare		AVCOE Sangamner	8 th - 9 th Sep. 16	1 st
	Pradip	CONNOISSEUR 2k16			1
25	Pardeshi				1 st
	Pratik				
26	Pardeshi Pratik		CCOE	$9^{\text{th}} - 10^{\text{th}}$	2 nd
	Thombare	Sanjivani Tech Fest 16	SCOE	Sep. 2016	
27	Pradip		Kopargaon		2 nd
	Chavan				,
28	Vishal		AVCOE	21 st - 22 nd	1 st
	Kalyan	TECHNOAMRUT 2K16	Sangamner	Sep. 16	
29	Kunde		28	- Arrive	1 st
20	Sachin			$24^{th}-25^{th}$	2 nd
30	Kadam	NIRMITEE 2017	MIT Pune		_
31	Rohan Pandit			Feb 17	2 nd
32	Chavan				1 st
32	Vishal				1
33	Karanje	.		_th _th	1 st
	Rahul	Sanjivani Tech Fest	SCOE	$9^{th} - 10^{th}$	-
34	Pardeshi	(paper presentation)	Kopargaon	Sep. 2016	2^{nd}
	Pratik				
35	Thombare				2^{nd}
	Pradip				

Academic year : 2015-16					
1	Tejas Ruikar	Technoamrut 2015	AVCOE	$10^{\text{th}} - 11^{\text{th}}$	and
	,		Sangamner		2^{nd}
2	G 1 11 77 1	Technoamrut 2015	AVCOE	Sep 2015 10 th -11 th	and
	Sakshi Kaul		Sangamner		2^{nd}
3	D1 1 . D . !!	Sanjivani Tech - Fest	SRES COE	Sep 2015 12 th -13 th	4 et
	Bhalgat Pratik		Kopargaon	Feb 2016	1^{st}
4		Sanjivani Tech - Fest	SRES COE	12 th -13 th	1 st
	Tejas Nikumbh		Kopargaon	Feb 2016	-
5		Sanjivani Tech - Fest	SRES COE	12 th -13 th	1 st
	Asutosh Bhabad		Kopargaon	Feb 2016	-
6	Bhagyashree Kadam	Sociovision- 2k16	PREC Loni	Feb 2016	1 st
7	Bhalgat Pratik	Sociovision- 2k16	PREC Loni	Feb 2016	1 st
8		Precision 2k16	PREC Loni	16 th - 17 th	
	Raktate Tushar	Trecision 2R10	TILLE LOIN	Mar 2016	1^{st}
9		Precision 2k16	PREC Loni	16 th - 17 th	1 st
	Pachore Akshay	1 100151011 ZKIU	I KLC LOIII	Mar 2016	1
10		Precision 2k16	PREC Loni	16 th - 17 th	1 st
10	Hingmire Shubham	1 100151011 ZKIU	I KLC LOIII	Mar 2016	1
11		Nirmitee 2016	MIT COE	17 th -18 th	
11	Pratik Bhalgat	1311111100 2010	Pune	Mar 2016	1^{st}
12		Nirmitee 2016	MIT COE	17 th -18 th	1 st
12	Bhagyashree Kadam	Nillillee 2010	Pune		1
12		Nimmita a 2016		Mar 2016 17 th -18 th	1 st
13	Sahil Bhalerao	Nirmitee 2016	MIT COE		1
1 /		Nimaita - 2016	Pune	Mar 2016 17 th -18 th	
14	Gaikwad Ashish	Nirmitee 2016	MIT COE		2^{nd}
1.7		NI:14 2016	Pune	Mar 2016 17 th -18 th	2 nd
15	Bhor Mukunda	Nirmitee 2016	MIT COE		2
1.0	Dhamert	Nimaita - 2016	Pune	Mar 2016 17 th -18 th	2 nd
16	Dhanwate	Nirmitee 2016	MIT COE		2
17	Gorakshnath	A 2016	Pune	Mar 2016 21 st -22 nd	
17	Kedar Hrushikesh	Aayaam 2016	Sandip		1 st
			Foundation	Mar 2016	1
1.0	C C' 1 11	A 2016	Nasik	21 st -22 nd	1 St
18	Sonawane Siddhant	Aayaam 2016	Sandip		1 st
			Foundation	Mar 2016	
10	D10'111 1	A 2016	Nasik	21 st -22 nd	1 st
19	Daund Siddhesh	Aayaam 2016	Sandip		1
			Foundation	Mar 2016	
20	D (1 D1 1	4 2016	Nasik	21St 22nd	4 St
20	Pratik Bhalgat	Aayaam 2016	Sandip	21 st -22 nd	1 st
			Foundation	Mar 2016	
		D 11 0115	Nasik	1 cth 1 = th	
21	Daund Siddhesh	Precision 2k16	PREC Loni	$16^{th} - 17^{th}$	1^{st}
				Mar 2016	-
22	Bhagyashree Kadam	Precision 2k16	PREC Loni	$16^{th} - 17^{th}$	1^{st}
				Mar 2016	-4
23	Bhalgat Pratik	Precision 2k16	PREC Loni	$16^{th} - 17^{th}$	1^{st}
				Mar 2016	
24	Pratik Bhalgat	Technosanjivani-16	SRES COE	26 th Mar	
			Kopargaon	2016	1^{st}
				41.	
25	Bhabad Ashitosh	Technosanjivani-16	SRES COE	26 th Mar	1^{st}

			17	2016	
26		T 1 " '16	Kopargaon	2016	1 st
26	Tejas Nikumbh	Technosanjivani-16	SRES COE	26 th Mar	I ^{ss}
27	,	m 1 " 146	Kopargaon	2016	d St
27	Sonawane Siddhant	Technosanjivani-16	SRES COE	26 th Mar	1 st
			Kopargaon	2016	. et
28	Chaudhari Bhushan	Technosanjivani-16	SRES COE	26 th Mar	1 st
	Chaddhari Bhashan		Kopargaon	2016	
29	Bankar Nayna	Technosanjivani-16	SRES COE	26 th Mar	$2^{\rm nd}$
	Bunkur rayna		Kopargaon	2016	_
30	Barule Pooja	Technosanjivani-16	SRES COE	26 th Mar	2 nd
	Daruic 1 00ja		Kopargaon	2016	
31	Borude Lekhatai	Technosanjivani-16	SRES COE	26 th Mar	2 nd
	Dorude Lexitatai		Kopargaon	2016	
32	Girme Pooja	Technosanjivani-16	SRES COE	26 th Mar	2^{nd}
	Girnie Pooja		Kopargaon	2016	
33	Vultha Taiga	Technosanjivani-16	SRES COE	26 th Mar	3 rd
	Kulthe Tejas		Kopargaon	2016	
34	Danish Carrely	Technosanjivani-16	SRES COE	26 th Mar	$3^{\rm rd}$
	Bamb Sumit		Kopargaon	2016	
35	W 1 1 0 '	Technosanjivani-16	SRES COE	26 th Mar	3 rd
	Kakade Suraj	,	Kopargaon	2016	
		Academic Year : 20			
36	Mahajan Aashish	Technoamrut-2k.14	AVCOE,	5 th - 6 th	et
	1,14114Juli 1 145111511	Teemioannat 2m.11	Sangamner		1^{st}
37	Kakalij Sachin	Technoamrut-2k.14	AVCOE,	Sep 2014 5 th - 6 th	
31	Kakanj Sacinii	1 cennoann at-2k.14	Sangamner		1^{st}
38	Gawali Avinash	Technoamrut-2k.14	AVCOE,	Sep 2014 5 th - 6 th	
30	Gawan Avmasn	1 cennoann at-2k.14	Sangamner	Sep 2014	2^{nd}
39	Pawar Mayur	Tech Unique 2K15	AVCOE,	19 th -20 th	1 st
37	1 awai wayui	Teen Omque 2K13	Sangamner	Feb2015	1
40	Bansode Nitin	Tech Unique 2K15	AVCOE,	19 th -20 th	1 st
40	Dansoue Mun	Tech Onique 2K13	Sangamner	Feb2015	1
41	Nikhil Navneet	Took Unique 2V15	AVCOE,	19 th -20 th	1 st
41	Mikilli Mavileet	Tech Unique 2K15	· · · · · · · · · · · · · · · · · · ·		1
40	C1 11 '	T 1 II : 01/15	Sangamner	Feb2015 19 th -20 th	1 st
42	Chaudhari	Tech Unique 2K15	AVCOE,		1
42	Rushikesh	The shorts 1.5	Sangamner	Feb2015	1 st
43	Nikhil Gupta	Techniarena 15	Govt.C.O.E.	28Feb-	1
4.4	W-1-111 C 1 1	Ni	Jalgaon	1Mar 2015	2 nd
44	Kaklij Sachin	Nirmitee -2015	MIT, Pune	2015	_
45	Ashish Mahajan	Nirmitee -2015	MIT, Pune	2015	2 nd
46	Topale Mangesh	Technosanjivani 2015	SRES COE	19 th -20th	1 st
			Kopargaon	Mar 2015	. at
47	Vanve Devidas	Technosanjivani 2015	SRES COE	19 th -20th	1 st
	Babaji		Kopargaon	Mar 2015	-1
48	Varma Surabhi	Technosanjivani 2015	SRES COE	19 th -20th	1 st
	Sagar		Kopargaon	Mar 2015	
49	Dighe Komal G.	Technosanjivani 2015	SRES COE	19 th -20th	2 nd
			Kopargaon	Mar 2015	
50	Gadekar Priyanka B.	Technosanjivani 2015	SRES COE	19 th -20th	2 nd
			Kopargaon	Mar 2015	
51	Kaklij Sachin Pandit	Technosanjivani 2015	SRES COE	19 th -20th	2 nd
			Kopargaon	Mar 2015	
52	Kolhe Ruchika Vilas	Technosanjivani 2015	SRES COE	19 th -20th	2^{nd}
	1	·			

			Kopargaon	Mar 2015	
53	Kalwankar Parag R.	Technosanjivani 2015	SRES COE	19 th -20th	$3^{\rm rd}$
			Kopargaon	Mar 2015	
54	Kate Pratik Maruti	Technosanjivani 2015	SRES COE	19 th -20th	$3^{\rm rd}$
			Kopargaon	Mar 2015	
55	Gunjal Mayur B.	Technosanjivani 2015	SRES COE	19 th -20th	$3^{\rm rd}$
			Kopargaon	Mar 2015	
56	Autade Ajinkay C.	Technosanjivani 2015	SRES COE	19 th -20th	$3^{\rm rd}$
			Kopargaon	Mar 2015	
57	Avhad Sachin	Technosanjivani 2015	SRES COE	19 th -20th	$3^{\rm rd}$
	Dharma		Kopargaon	Mar 2015	
58	Bhabad Gaurav	Technosanjivani 2015	SRES COE	19 th -20th	$3^{\rm rd}$
	Pandit		Kopargaon	Mar 2015	
59	Bumb Sarthak	Technosanjivani 2015	SRES COE	19 th -20th	$3^{\rm rd}$
	Pradip	·	Kopargaon	Mar 2015	

c) Activity-Design Competition

Sr No.	Name of student	Name of conf. / workshop	place	Date	PRIZE
		Academic year : 2010	6-17		
1	Prathamesh Kulkarni	PRECision 2017	PREC Loni	24th –	2nd
2	Govind Pawar	(Town Planning)		25th	2nd
3	Akshay Randive]		March 17	2nd
4	Tushar Raktate]			2nd
5	Ranode Pratik				1st
6	Paithane Kailas				1st
7	Ranode Pratik	NIRMITEE 2017	MIT Pune	24th -	2nd
8	Tagad Pooja	(Town Planning)		25th Feb.	2nd
9	Vishal Solase			17	2nd
10	Raktate Tushar				2nd
11	Thombare Pradip	Sanjivani Tech Fest	SCOE	9th – 10th	1st
		16 (Technical Quiz)	Kopargaon	Sep.16	
12	Phadake Rohan	PRECision 2017	PREC Loni	24th –	1st
13	Chavan Prasad	(Quiz)		25th	1st
				March 17	
14	Kalyani Nandgiri	PRECision 2017	PREC Loni	24th –	1st
15	Poonam Mapari	(Bridge making)		25th	1st
16	More Yogeshwar			March 17	2nd
17	Chavan Prasad				2nd
18	Shantanu Sharma				2nd
19	Snap Ganesh	DESIRE 17 (Paper	Sandip	10th –	Ruuner
		Skyscrpper)	Foundation	11th Feb.	up
20	Sharma Shantanu			17	Ruuner
					up
21	Dhanwate Vaibhav				Ruuner
					up
22	Thombare Pradip	Sanjivani Tech Fest	SCOE	9th – 10th	2nd
23	Pardeshi Pratik	16 (Innovative Idea	Kopargaon	Sep.16	2nd
24	Chavan Vishal)			1st

Karanie Rahul				1st
· ·	Saniiyani Tech Fest	SCOE	9th – 10th	1st
				1st
	(10 11 11 11 11 11 11 11 11 11 11 11 11 1	Hopurguon	Sep. 2010	Runner
THOIR BROIRESIT				up
Dhumal Mayur				Runner
Difamai Wayai				up
Guirathi Kushal	Saniiyani Tech Fest	SCOE	9th — 10th	1st
J				1st
<u> </u>	(1710del 171dking)	Ropurguon	Sep. 2010	1st
	_			2nd
•				2nd
	_			2nd
•	Sanjiyani Tech Feet	SCOE	0th _ 10th	1st
-				1st
	`	Kopargaon	Sep. 2010	2nd
	1 resentation)			2nd
	Caniiyani Taab East	SCOE	0th 10th	
Thombare Pradip	3			1st
Violat Cadling	` ` `			1st
Visital Gaulling	NF3 Clair Gailing			18t
		Lom		
Shinda Chatna	Technoamrut 2k 16	AVCOE		1st
	≟			1st
	Setting Out	Sangannici	-	1st
•			10	1st
	Tachnoommut 21, 16	AVCOE	21at	2nd
_ , ,	≟			2nd
		Sangannier	-	2nd
	1		10	2nd
J	METECH 16 (MM)	MET COE	16th	Runner
Manesh Sant	WIETECH TO (WIWI)			
		Wiasik	_	up
	Academic year : 201	5 ₋ 16	10	
			10 th -11 th	1 st
Lahamge Sakshi			_	1
	` ` `		10 th -11 th	1 st
Shinde Chetana				1
			10 th -11 th	1 st
Pathan Ashpak				1
Shinde Ramnath			10 th -11 th	1 st
Zimioo italiiittii				1
	` ` `		12 th -13 th	
Kaial Naik		I TUBIK		$2^{\rm nd}$
	*		100 2010	-
		MET Nasik	Feb 2016	
Kunjan Padhivar			- • • • • • • • • • • • • • • • • • •	$2^{\rm nd}$
	*			_
Mujgule Amol		MET Nasik	Feb 2016	1 st
	Karanje Rahul Raktate Tushar Pawar Govind Arora Subhash Dhumal Mayur Gujrathi Kushal Gangurde Mayur Gawali Saurabh Nikam Vaidya Ashwini Sangle Patel Vidya Dapke Akash Jadhav Milind Chavan Vishal Gautam Bhosale Thombare Pradip Vishal Gadling Shinde Chetna Lamhamge Sakshi Sumeet Singh Sangle Saurabh Digvijay Ambave Mahesh Kobra Mahesh Sant Viraj Kulkarni Mahesh Sant Viraj Kulkarni Mahesh Sant Lahamge Sakshi Shinde Chetana Pathan Ashpak Shinde Ramnath Kajal Naik Kunjan Padhiyar Mujgule Amol	Raktate Tushar Pawar Govind Arora Subhash Dhumal Mayur Gujrathi Kushal Gangurde Mayur Gawali Saurabh Nikam Vaidya Ashwini Sangle Patel Vidya Dapke Akash Jadhav Milind Chavan Vishal Gautam Bhosale Thombare Pradip Vishal Gadling Sanjivani Tech Fest (Model Making) Sanjivani Tech Fest (Poster Presentation) Sanjivani Tech Fest (Poster Presentation) Sanjivani Tech Fest (Technical Quiz) NFS Clan Gaming Technoamrut 2k 16 Setting Out Setting Out Technoamrut 2k 16 Mini Militia Mahesh Sant Viraj Kulkarni Mahesh Sant Viraj Kulkarni Mahesh Sant Viraj Kulkarni Mahesh Sant Viraj Kulkarni Mahesh Sant Viraj Kulkarni Mahesh Sant Viraj Kulkarni Pathan Ashpak Sanjivani Tech Fest (Poster Presentation) Sanjivani Tech Fest (Poster Presentation) Technoamrut 2k 16 Setting Out Technoamrut 2k 16 Mini Militia METECH 16 (MM) Technoamrut- 2015 (Setting – Out) Technoamrut- 2015 (Setting – Out)	Raktate Tushar Pawar Govind Arora Subhash Dhumal Mayur Gujrathi Kushal Gangurde Mayur Gawali Saurabh Nikam Vaidya Ashwini Sangle Patel Vidya Dapke Akash Jadhav Milind Chavan Vishal Gautam Bhosale Thombare Pradip Vishal Gadling Vishal Gadling Vishal Gadling Vishal Gameet Singh Sangle Saurabh Digvijay Ambave Mahesh Sant Viraj Kulkarni Mahesh Sant Viraj Kulkarni Mahesh Sant Viraj Kulkarni Shinde Chetana Lahamge Sakshi Shinde Chetana Chavan Vishal Guttam Bhosale Technoamrut 2k 16 Mahesh Kobra Mahesh Sant Viraj Kulkarni Mahesh Sant Viraj Kulkarni Shinde Chetana Shinde Chetana Chavan Vishal Gautam Bhosale Technoamrut 2k 16 Mahesh Kobra Mahesh Sant Viraj Kulkarni Mahesh Sant Technoamrut 2k 16 (Setting – Out) Shinde Chetana Shinde Chetana Shinde Chetana Technoamrut-2015 (Setting – Out) Shinde Ramnath Technoamrut-2015 (Setting – Out) Sangamner Tech-XPLODE Technoamrut-2015 (Setting – Out) Sangamner Tech-XPLODE Technoamrut-2015 (Setting – Out) Sangamner Tech-XPLODE Technoamrut-2015 (Setting – Out) MET Nasik	Raktate Tushar Pawar Govind Arora Subhash Dhumal Mayur Gujrathi Kushal Gangurde Mayur Gawali Saurabh Nikam Vaidya Ashwini Sangle Patel Vidya Dapke Akash Jadhav Milind Chavan Vishal Gautam Bhosale Thombare Pradip Vishal Gadling Vishal Gadling Sumeet Singh Sangle Saurabh Digyiga Ambave Mahesh Sant Viraj Kulkarni Mahesh Sant MeTECH 16 (MM) Maria Materia Mayara NFS Clan Gaming PREC Lahamage Sakshi Septing AvCOE Sangamner Sep 2015 S

		15 (Mr/Miss			
		Surveryor)			
8		TECH-XPLODE	MET Nasik	16 th - 17 th	
Ü		15	TVILLI I (USIN	Mar 2016	at
	Kale Akshay	(Mr/Miss		With 2010	1^{st}
		Surveryor)			
9		TECH-XPLODE	MET Nasik	21 st - 22 nd	
	Kale Akshay	15 (Fancy	WILT MASIK	Sep 2015	$2^{\rm nd}$
	Kaie Aksiiay	•		Sep 2013	2
10		Buoyancy) TECH-XPLODE	MET Nasik	21 st - 22 nd	
10	M:1- A1		MEI Nasik		$2^{\rm nd}$
	Mujgule Amol	15 (Fancy		Sep 2015	2
	D1 1 D 11	Buoyancy)	appa cop		
11	Bhalgat Pratik	Sanjivani Tech -	SRES COE	$12^{\text{th}} - 13^{\text{th}}$. et
		Fest (Buisness Idea	Kopargaon	Feb 2016	1^{st}
		Competition		100 2010	
12	Tejas Nikumbh	Sanjivani Tech -	SRES COE	. th th	
		Fest (Buisness Idea	Kopargaon	$12^{th} - 13^{th}$	1 st
		Competition		Feb 2016	1
13	Sahil Bhalerao	Nirmitee 2016	MIT COE	17 th -18 th	1 st
		(B-Plan)	Pune	Mar 2016	
			Pune	Mar 2016	
14	Bhalgat Pratik	Nirmitee 2016	MIT COE	17 th -18 th	1 st
		(B-Plan)	MIT COE		
			Pune	Mar 2016	
15	Bhagyashree Kadam	Nirmitee 2016	NUT COE	17 th -18 th	1^{st}
		(B-Plan)	MIT COE	-	
			Pune	Mar 2016	
16	Sakshi Lahamge	Nirmitee 2016		. —th	3 rd
		(Line out)	MIT COE	17 th -18 th	
		(=====	Pune	Mar 2016	
17	Chetana Shinde	Nirmitee 2016		th th	
1,	Chetana Simiae	(Line out)	MIT COE	17 th -18 th	$3^{\rm rd}$
		(Line out)	Pune	Mar 2016	3
18		Nirmitee 2016	MIT COE	17 th -18 th	3 rd
10	Amol Mujgule	(Line out)	Pune	Mar 2016	3
19		Nirmitee 2016			3 rd
17	Akshay Kale	(Line out)	MIT COE	17 th -18 th	3
	AKSHAY KAIC	(Line out)	Pune	Mar 2016	
20		Nirmitee 2016			2 nd
20	Sandach Cirros		MIT COE	17 th -18 th	2
	Sandesh Girme	(Town Planning)	Pune	Mar 2016	
21		NI:		17 th -18 th	
21	Sandesh Dighe	Nirmitee 2016	MIT COE	-	2^{nd}
22	<i>U</i> .	(Town Planning)	Pune	Mar 2016	and
22		Nirmitee 2016	MIT COE	17 th -18 th	2 nd
	Karan Gupta	(Town Planning)	Pune	Mar 2016	
					, et
23	Raktate Tushar	PRECision 2k16	PREC Loni	16 th -17 th	1 st

		(Town Planning)		Mar 2016	
24		PRECision 2k16	PREC Loni	16 th -17 th	
21	Pachore Akshay	(Town Planning)	TREE LOIN	Mar 2016	1 st
	1 4011010 1 11151141	(19 Wil 1 Imiliang)		11141 2010	-
25		PRECision 2k16	PREC Loni	16 th -17 th	1 st
	Hingmire Shubham	(Town Planning)		Mar 2016	
26	Pathan Ashfak	Surveying	AVCOE,	Feb 2016	3 rd
	Faman Asmak		Sangamner		
27	Shinde Ramnath	Surveying	AVCOE,	Feb 2016	3 rd
	Simuc Kammaui		Sangamner		
28	Shinde Chetana	Surveying	AVCOE,	Feb 2016	3 rd
	Simue Chetana		Sangamner		
29	Lahamage Sakshi	Surveying	AVCOE,	Feb 2016	3 rd
	Editamage Saksin		Sangamner		
30	Sahil Bhalerao	Group Discussion	SRES COE	2015-16	1 st
			Kopargaon		
31	Girme Pooja	CESA	SRES COE	Feb	Winner
		(Town Planning)	Kopargaon	2016	
		Academic year : 201	1 15		
32	Ajinkya Khatal	Tech Unique 2K15	AVCOESa	19 th -	
32	Ajiikya Kiiatai	(Presentation)	ngamner	20 th Feb20	1 st
		(1 resentation)	liganinei	15	1
33	Shewale Akshay B.	Tech Unique 2K15	AVCOE	19 th -20 th	at
	She wate Tikohay B.	(Setting Out)	Sangamner	Feb2015	1^{st}
34	Shinde Swapnil A	Tech Unique 2K15	AVCOE	19 th -20 th	. st
	~	(Setting Out)	Sangamner	Feb2015	1^{st}
35	Nagargoje Prakash	Tech Unique 2K15	AVCOE	19 th -20 th	1 st
		(Setting Out)	Sangamner	Feb2015	
36	Varhe Vishal V.	Tech Unique 2K15	AVCOE	19 th -20 th	1 st
		(Setting Out)	Sangamner	Feb2015	
37	Avhad Swapnil	Tech Unique 2K15	AVCOE	19 th -20 th	$2^{\rm nd}$
		(Setting Out)	Sangamner	Feb2015	
38		TechnoAmrut -	AVCOE	5 th -6 th	2^{nd}
	Akshay Kale	2K14 (Setting Out)	Sangamner	Sep 2014	
20		Toohne A	AVICOE	5 th -6 th	2 nd
39	Amal Muissala	TechnoAmrut -	AVCOE		2
	Amol Mujgule	2K14 (Setting Out)	Sangamner	Sep 2014	
40		TechnoAmrut -	AVCOE	5 th -6 th	2 nd
	Mustafa Mithaiwala	2K14 (Setting Out)	Sangamner	Sep 2014	_
		(6	I	
41		TechnoAmrut -	AVCOE	5 th -6 th	2 nd
	Mahesh Ahire	2K14 (Setting Out)	Sangamner	Sep 2014	
42	Roham Shubham K.	Tech Unique 2K15	AVCOE	19 th -20 th	$2^{\rm nd}$
		(Setting Out)	Sangamner	Feb2015	

		T	T	th th	- nd
43	Jadhav Sanket	Tech Unique 2K15	AVCOE	19 th -20 th	2 nd
4.4	T. 1 D 1 1 D	(Setting Out)	Sangamner	Feb2015	2 nd
44	Kolpe Rahul B.	Tech Unique 2K15	AVCOE	19 th -20 th	2"
		(Setting Out)	Sangamner	Feb2015	- nd
45	Kadam Shubharn V.	Tech Unique 2K15	AVCOE	19 th -20 th	2 nd
		(Setting Out)	Sangamner	Feb2015	nd
46	Autade Aniket S	Tech Unique 2K15	AVCOE	19 th -20 th	2 nd
		(Design Mania)	Sangamner	Feb2015	,
47	Ashitosh Bhabad	Built -O-Bridge	MET,	15 th -7 th	3 rd
			BKN,	Sep 2014	
			Nasik		
48		Built -O-Bridge	MET,	15 ^{th-} 17 th	3 rd
	Tejas Nikumbh		BKN,	Sep 2014	
			Nasik		
49		Built -O-Bridge	MET,	15 th 17 th	3 rd
	Pratik Bhalgat		BKN,	Sep 2014	
			Nasik		
50		Built -O-Bridge	MET,	15 th -17 th	3 rd
	Bhushan Chaudhari		BKN,	Sep 2014	
			Nasik	1	
51	Rajendra Satnere	TECHNIARENA	Govt.COE,	28 th Feb	2 nd
		2015 (Town	Jalgaon	2015	
		Creator)			
52	Nikhil Gupta	TECHNIARENA	Govt.COE,	28 th Feb	2 nd
	1	2015 (Town	Jalgaon	2015	
		Creator)			
53	Sagar Magar	Nirmitee 2015	MIT, Pune	2015	2 nd
		(Technified	,		
		Solution)			
54	Parag A. Sonawane	Nirmitee 2015	MIT, Pune	2015	2 nd
		(RYLA			_
55	Manish S. Buradkar	Nirmitee 2015	MIT, Pune	2015	2 nd
	Training St Baradian	(RYLA		2015	_
56	Kalwankar Parag	Nirmitee 2015	MIT, Pune	2015	2 nd
	Transvanian Tarag	(Cube Create)		2015	_
57	Gunjal Mayur	Nirmitee 2015	MIT, Pune	2015	2 nd
		(Cube Create)	1,111,10110		_
58	Nikumbh Tejas	EUREKA2K15	SNJB',CO	24 th Feb	Winner
	Timemon Tojas	(CHAL CHITRA)	EChandwa	2015	,, 1111101
			d	2013	
59	Shelke Kunal	EUREKA2K15	SNJB',CO	24 th Feb	Winner
	Shorke Rullar	(CHAL CHITRA)	EChandwa	2015	** 1111101
			d	2013	
60	PhadkeSuraj	EUREKA2K15	SNJB',CO	24 th Feb	Winner
00	1 maukesuraj	(CHAL CHITRA)	EChandwa	2015	** 11111C1
		(CHAL CHIRA)		2013	
L			d	<u> </u>	

61	Patil Prasad	EUREKA2K15	SNJB',CO	24 th Feb	Winner
		(CHAL CHITRA)	EChandwa d	2015	
62	Dokhale Manoj	EUREKA2K15	SNJB',CO	24 th Feb	Winner
	-	(CHAL CHITRA)	EChandwa	2015	
			d		
		Academic year: 201	13-14		
63	Mordekar Gautam	Techkrunch2k13	G.H.	6 th -7 th	1 st
		(chop structure)	Raisoni,	Sep 2013	
			Jalgaon	41- 41-	-4
64	Adep Varun Ravindra	Techkrunch2k13	G.H.	6 th -7 th	1 st
		(chop structure)	Raisoni,	Sep 2013	
			Jalgaon	d. d.	-4
65	Rajput Virat	Techkrunch2k13	G.H.	6 th -7 th	1^{st}
		(chop structure)	Raisoni,	Sep 2013	
			Jalgaon	th th	at.
66	Rout Ankush Kumar	Techkrunch2k13	G.H.	6 th -7 th	1 st
		(chop structure)	Raisoni,	Sep 2013	
			Jalgaon	th th	at
67	Pawar ChetanDipak	Techkrunch2k13	G.H.	6 th -7 th	1 st
		(chop structure)	Raisoni,	Sep 2013	
			Jalgaon	- nd th	. et
68	Keertana Sekar	PERCEPTION	BRACT',V	2 nd -6 th	1 st
		(City Ville)	IIT, Pune	Feb 2014	4 St
69	Bhagyshree Moreskar	PERCEPTION	BRACT',V	2 nd -6 th	1 st
5 0		(City Ville)	IIT, Pune	Feb 2014	and
70	Pote Rohit	TECHNO PARV-	SCSCOE,	25 th -26 th	2 nd
71	TT 1 11	2K14	Rahuri	Feb 2014 27 th -28 th	1 st
71	Harshavardhan	Nirmitee-2014	MIT, Pune		1
70	Suralkar	(Town planning)	MIT D	Feb 2014 27 th -28 th	1 st
72	Vishal Vare	Nirmitee-2014	MIT, Pune		1
73	Duadaan Cannan	(Town planning)	MIT, Pune	Feb 2014 27 th -28 th	1 st
13	Pradeep Sapnar	Nirmitee-2014	MIII, Pulle	Feb 2014	1
74	Vishal Kulkarni	(Town planning) Techcellence-14	SSGB	8 th Mar	3 rd
/4	v isiiai Kuikälili	1 concentration 14	COE,	2014	3
			Bhusawal	2014	
75	Mustafa Mithaiwala	F.O.R.C.E.14	KKW,	19 th -20 th	1 st
13	iviustata ivitutatwata	(SURVEYING-E-	COE,	Mar 2014	1
		EVEREST)	Nasik	17101 2014	
76	Mahesh Sidhwire S.	F.O.R.C.E.14	KKW,	19 th -20 th	1 st
/0	Manesh Sidhwife S.	(SURVEYING-E-	COE,	Mar 2014	1
		EVEREST)	Nasik	17101 2017	
77	Rahul Patnaik	F.O.R.C.E.14	KKW,	19 th -20 th	1 st
''	Tanior I unium	(SURVEYING-E-	COE,	Mar 2014	1
		(~~~··································	,	11101 W U I	

d) Activity - Sports

Sr.	Name of	Name of conf. /	place	Date	PRIZE
No.	student	workshop	-		
1	Shinde Akshay	Academic year	f: 2010-17		Winner
	Shubham		MIT Pune	31 st Aug to 4 th	
2	Agwan	Base Ball (Boys)	WIII I dile	Sep 16	Winner
3	Erande Tushar			Z-F	Winner
4	Shinde Akshay		Punjab	16 th Aug to 17 th	Winner
5	Erande Tushar	Base Ball (Boys)	University	Nov 16	Winner
6	Patil Vinit				Winner
7	Rohom Shubham	Softball (Boys)	SPPU	9 th Jan. – 10 th Jan 17	Winner
8	Agwan Shubham				Winner
9	Aher Aniker	Hockey (Boys)	A.Nagar Zone	6 th Dec. 16.	Winner
10	Badwar Suraj				Winner
11	Aher Akash				Winner
12	Dhumal Nilraj				Winner
13	Bargal Satish				Winner
14	Wabale				Winner
14	Swapnil				vv iiiiiei
15	Dhawale Prakash				Winner
16	Pawar Sunny				Winner
17	Kale Sagar				Winner
18	Bhusal Mayur				Winner
19	Borse Chetan				Winner
20	Darkunde				Winner
	Pravin Thombare				
21	Pradip				Winner
22	Mehetre Pankaj				Winner
23	Sonawane Raj			a cth a a c	Winner
24	Dubey Abhishek	Lawn Tennis (Boys)	A.Nagar Zone	16 th Aug.16	Winner
25	Erande Tushar	Table Tennis (Boys)	A.Nagar Zone	1 st Aug 16	Runner
26	Erand Tushar	Cricket (Boys)	A.Nagar Zone	$11^{th} - 26^{th}$ Dec	up Ruuner up
		Check (Doys)	Tim agai Zone	16	
27	Aher Akash				Ruuner up
28	Naidu Anurag				Ruuner up
29	Sonawane Raj				Ruuner up
30	Patare Akshay				Ruuner up
31	Dhokane Sagar				Ruuner up
32	Aher Rupesh				Ruuner up
33	Shinde Akshay Banker Gorakh				Ruuner up
J4	Dalikei Gulakii				Ruuner up

35	Wakchaure Sidharth					Ruuner up
36		: Baseball (l	Boys)	A.Nagar Zone	26 th Sep. 16	Ruuner up
	Roham	1	3 /	C	1	
37	Shubham					Ruuner up
38	Patil Vinit					Ruuner up
39	Agwan					Ruuner up
37	Shubham					Ruuner up
40	Dangade					Ruuner up
	Yogesh					
41	Kalaskar Panka					Ruuner up
42		<u>/ </u>				Ruuner up
43	Wakchaure Sidharth					Ruuner up
44	Patil Prashant	Atheletics 4 Running (1		A.Nagar zone	19 th Oct.16	2^{nd}
45	Shinde Aksha	y Handball (Boys)	COE Pune	26 th - 29 th Jan. 17	Winner
46	Erande Tushar					Winner
47	Rakh Mangesh					Winner
7,	Nakii Wangesi					VV IIIIICI
	T		emic year	:: 2015-16	1 oth 4 th a	<u> </u>
48	Vinit Patil	SUMMIT 15 (Baseball)]	MIT Pune	10 th -14 th Sep 2015	Winner
49	Shinde Akshay	Base Ball (Boys)		SPPU	7 th Dec 15 -6 th	Winner
50	Patil Nikhil				Jan 16	Winner
51	Kedar Hrushikesh Erande Tushar	Table Tennis	Ahm	ednagar Zone	5 th Aug 15	Runner Up
52	Erande Tusnar	(Boys) Swimming			4	Runner Up
53	Zaware Swapnil	(Boys)	Ahm	ednagar Zone	17 th Aug15	2 nd
54	Erande Tushar	, ,				Runner Up
55	Shinde Akshay					Runner Up
56	Patil Vinit					Runner Up
57	Bornare Shubham					Runner Up
58	Sahane Kiran	Hand Ball	Ahm	ednagar Zone	24 th Aug15	Runner Up
59	Ghagade Prashant	(Boys)	7 11111	Tunngui Zone	21 114513	Runner Up
60	Lahare Ashish					Runner Up
61	Kalaskar Pankaj					Runner Up
62	Pawar Sunny					Runner Up
63	Daund Siddesh	A 411 2	4.1	1 7	1.4th 015	Runner Up
64	Patil Prashant	Athletics (Boys)	Ahm	ednagar Zone	14 th Oct.15	2 nd
65	Shirsath Bhupesh					Rumer up
66	Patil Vinit					Rumer up
67 68	Roham Shubham Wakchaure	Softball (M)	Δhm	ednagar Zone	2015-16	Rumer up
	Siddharth	Soman (M)	AIIII	icanagai Zone	2013-10	
69	Agwan Shubham					Rumer up
70	Shinde Akshay					Rumer up
71	Wakchaure	Baseball (M)	Ahm	ednagar Zone	2015-16	Rumer up
, 1	Siddarth	50 (1.1)			2010 10	г

72	Patil Vinit				Rumer up
73	Roham Shubham				Rumer up
74	Agwan Shubham				Rumer up
75	Amrutkar				D
75	Shubham				Rumer up
76	Prashant Patil	400m Run	Ahmednagar Zone	$13^{th} - 14^{th}$ Oct.	2 nd
, 0	Trasmant radii			2015	
		Acac	lemic year 2014-15	a1st aand g	
77	Kale Akshay	Fancy Buoyancy	MET Nasik	21 st -22 nd Sep.	2^{nd}
78	Mujgule Amol			13	2 nd
		T. 1.1. T	V/100 11 V/	aoth a godd	Runner
79	Kedar Hrushikesh	Table Tennis	KJSCollege,Kopargaon	28 th Aug2014	Up
80	Bhabad Gaurav	Table Tennis	VICCollaga Vanorgoon	28 th Aug 2014	Runner
			KJSCollege,Kopargaon		Up
81	Sabale Monika	Table Tennis	KJSCollege,Kopargaon	28 th Aug 2014	Winner
82	Mungase Pravin	Softball	AVCOE, Sangamner	13 th Oct 2014	Winner
83	Mali Shamit	Softball	AVCOE, Sangamner	13 th Oct 2014	Winner
84	Shirsath Bhupesh	Softball	AVCOE, Sangamner	13 th Oct 2014	Winner
85	Patil Vinit	Softball	AVCOE, Sangamner	13 th Oct 2014	Winner
86	Agwan Shubham	Softball	AVCOE, Sangamner	13 th Oct 2014	Winner
87	Patil Nikhil	Softball	AVCOE, Sangamner	13 th Oct 2014	Winner
88	Badwar Suraj	Hockey	AVCOE, Sangamner	26 th Dec 2014	Winner
89	Bargal Satish	Hockey	AVCOE, Sangamner	26 th Dec 2014	Winner
90	Wable Swapnil	Hockey	AVCOE, Sangamner	26 th Dec 2014	Winner
91	Patil Vineet	Hockey	AVCOE, Sangamner	26 th Dec 2 014	Winner
92	Wani Sanket	Hockey	AVCOE, Sangamner	26 th Dec2014	Winner
93	Mali Shamit	Hockey	AVCOE, Sangamner	26 th Dec2014	Winner
94	Suralkar Harshvardhan	Hockey	AVCOE, Sangamner	26 th Dec2014	Winner
95	Mungase Pravin	Baseball	COE Pune	17 th Sep2014	Runner Up
96	Mali Shamit	Baseball	COE Pune	17 th Sep2014	Runner Up
97	Mali Shamit	Baseball	COE Ahmednagar	2015	Runner Up
98	Mungase Pravin	Baseball	COE Ahmednagar	2015	Runner Up
		Acad	emic year : 2013-14	•	
99	Sharayu R. Pawar	Handball	SRES COE, Kopargaon	20 th -21 st Sept 2013	1 st
100	Vishakha M. Shete	Handball	SRES COE, Kopargaon	20 th -21 st Sept 2013	1 st
101		ZEST'14-	COL P	23 rd -26 th Jan	1 st
101	Shailedar Kumar	Handball	COE, Pune	2014	1
102	Avad Pravin	ZEST'14-	COE, Pune	23 rd -26 th Jan	1 st
		Handball	,	2014	-
102	Mal: 01 14	ZEST'14-	COE D	23 rd -26 th Jan	1 st
103	Mali Shamit	Handball	COE, Pune	2014	1"
101	Chaukhande	ZEST'14-	GOE B	23 rd -26 th Jan	4 St
104	Saurabh	Handball	COE, Pune	2014	1 st
105	Sahane Kiran	ZEST'14-	COE, Pune	23 rd -26 th Jan	1 st

		Handball		2014		
106	Kate Pratik	ZEST'14-	COE Puna	23 rd -26 th Jan	1 st	
106	Kate Pratik	Handball	COE, Pune	2014	1	
107	Daghnanda Nikhil	ZEST'14-	COE, Pune	23 rd -26 th Jan	1 st	
107	Deshpande Nikhil	Handball	COE, Fulle	2014	1	
108	Gawali Gaurav	ZEST'14-	COE, Pune	23 rd -26 th Jan	1 st	
108	Gawaii Gaurav	Handball	COE, Fulle	2014	1	
109	Mali Shamit	Summit 13	Inter Engg. Sports Meet	20 th -24 th Sep	Winner	
109	Man Shailit	Baseball	MIT Pune	2013	vv IIIIIei	
110	ShIrsath Bhupesh	Summit 13	Inter Engg. Sports Meet	20 th -24 th Sep	Winner	
110	Silii satii Biitipesii	Baseball	MIT Pune	2013	VV IIIIICI	
111	Vikramsigh	Summit 13	Inter Engg. Sports Meet	20 th -24 th Sep	Winner	
111	Dhobale	hobale Baseball MIT Pune		2013	VV IIIIICI	
112	Avhad Pravin	Summit 13	Inter Engg. Sports Meet	20 th -24 th Sep	Winner	
112	Aviiau I Iaviii	Baseball	MIT Pune	2013	VV IIIIICI	
113	Gawali Gaurav	Summit 13	Inter Engg. Sports Meet	20 th -24 th Sep	Winner	
113	Gawaii Gaurav	Baseball	MIT Pune	2013	VV IIIIICI	
114	Mungse Pravin	Summit 13	Inter Engg. Sports Meet	20 th -24 th Sep	Winner	
114	Widingse I Tavili	Baseball	MIT Pune	2013	VV IIIIICI	
115	Wakchaure	Summit 13	Inter Engg. Sports Meet	20 th -24 th Sep	Winner	
113	Siddharth	Baseball	MIT Pune	2013	winner	
116	Dheeraj Gawali	Summit 13	Inter Engg. Sports Meet	20 th -24 th Sep	Winner	
110	Difectaj Gawaii	Baseball	MIT Pune	2013	vv iiiiiei	
117	Patil Sumit	Summit 13	Inter Engg. Sports Meet	20 th -24 th Sep	Winner	
11/	1 atii Suiiit	Baseball	Baseball MIT Pune 20		44 11111C1	

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

Sr. No.	Name of the Academician/ Scientist	Duration	Designation	Organization	Purpose of Visit
1	Pradeep Bramhankar	2016-17	Retd. Col.	Apex Careers, Pune.	Expert Lecture
2	Mr. Gaurav Borkar (AE-I)	2016-17	AE-I	Water Resource Department, Government of Maharashtra.	Expert Lecture
3	Dr. D B Divekar, Chairman,	2016-17	Chairman	Ferrocement Societies of India, Pune.	One Day Workshop
4	Dr. A S Garudkar,	2016-17	Head of Department,	WALMI, Aurangabad.	Expert Lecture
5	Er. Prabhakar Gunjal	2015-16	Director	Gunjal Associates, Nashik	Expert Lecture
6	Er. Dinish G. Mankar	2015-16	Executive Engineer	Irrigation Department	Expert Lecture
7	Dr.Virendrakumar Bhavsar	2015-16	Professor	University of New Brunswick, Canada	Guest Lecture
8	Dr. Bapat J. D.	2015-16	Professor (R)	IIT, Mumbai	One day workshop on concrete
9	Mr. Patil Yogesh B.	2015-16	Senior Manager	Godrej Properties Ltd., Mumbai	Guest Lecture
10	Mr. Virendra Sharma	2014-15	Director	One Street Capital Advisor, Pune	Guest Lecture

Sr. No.	Name of the Academician/ Scientist	Duration	Designation	Organization	Purpose of Visit
11	Miss. Indra Chaudhari	2014-15	Tahsildar	Kopargaon Tahsil	Expert Lecture
12	Mr. Sajan Sonawane	2014-15	Police Inspector	Kopargaon Police Station	Expert Lecture
13	Er Rajendra Borkar	2014-15	Asst. Engineer Grade-I	PWD Department	Expert Lecture
14	Mr. Umar Majid Lone	2013-14	CEO	Poash Technologies	Expert Lecture
15	Mr. Ankush Parakh	2013-14	Vice President	Amrut Runwal Group, Promoters and Builders, Pune	Deptt. Visit
16	Mr. Pawar Santosh Sunil	2013-14	CEA	Hydrology Project, Sub- Division, Pune	Guest Lecture
17	Mr.Wandre Anil S	2013-14	AGM (Execution)	HDIL, Mumbai	Expert Lecture
18	Mr. Sandep Navlakhe	2013-14	DGM	L & T, Mumbai	Expert Lecture
19	Er.Pravin Kolhe	2013-14	Executive Engineer	Irrigation Department	Expert Lecture

25. Seminars/ Conferences/Workshops organized and the source of funding:

a) National:

* Conferences for Students:

Sr. No	Name of Conference	Duration	Year	No. of Students	The source of Funding
1	Technosanjivani-2017	1-Day	2016-17	150 Students	SRES COE Kopargaon
2	Technosanjivani-2016 (Project Exihibition)	1-Day	2015-16	150 Students	SRES COE Kopargaon
3	Technosanjivani 2015 (Project Exhibition)	2-Days	2014-15	111 Students	SRES COE Kopargaon
4	Technospire 2014	2-Days	2013-14	101 Students	SRES COE Kopargaon

* Workshops for Students:

Sr. No	Name of Workshops	Duration	Year	No. of Students	The source of funding
1	Career Guidance for Civil Engineers in Abroad	1-Day	2016-17	150 Students	SRES COE Kopargaon
2	Sanjivani Tech -Fest (Mr and Mrs. Surveyor)	2-Days	2015- 2016	66 Students	SRES COE Kopargaon
3	STAAD PRO Design Course	10-Days	2015- 2016	39 Students	SRES COE Kopargaon
4	Workshop on Concrete Mix Design and Durability Aspect	1-Day	2015- 2016	133 Students	SRES COE Kopargaon
5	Sanjivani TECHFEST 2k 15 (WHIZ QUIZ)	1-Day	2014- 2015	31 Students	SRES, COE., Kopragaon
6	Ferrocement Society, India(One Day workshop)	1-Days	2013- 2014	52 Students	SRES, COE., Kopragaon
7	Sanjivani Vision' 13	2-Days	2013- 2014	14 Students	SRES, COE., Kopragaon
8	Sanjivani Vision' 13 (Bridge Making)	2-Days	2013- 2014	44 Students	SRES, COE., Kopragaon

* Workshops for Faculty

Sr. No	Name of Workshop	Duration	Year	No.of Faculty	The source of funding
1	Ferrocement Technology	1-Day	2013 - 2014	17	SRES COE Kopargaon
2	Concrete mix Design and Durability Aspect	1-Day	2015-16	10	SRES COE, Kopargaon
3	Research Methodology	2- Days	2015-16	30	SRES COE, Kopargaon
4	Finite Element and Analytical Solutions for composite laminates	5- Days	2014- 2015	45	SRES COE, Kopargaon
5	Finite Element Method and Engineering Applications	2 -Days	2015-16	60	SPPU, Pune
6	FDP on Teaching and Communucation skill	1-Day	2016-17	10	SRES COE, Kopargaon

b) International: Nil

26. Student profile programme/course wise:

Name of the			Enro	lled	
Course/programme (refer question no. 4)	Applications Received	Selected	*M	*F	Pass percentage
2013-17	Centralized Admission Procedure	126+ (60 Direct SE)	146	40	93.08
2012-16		127	100	27	85.80%
2011-15		127	99	28	93.06%
2010-14		109	87	22	91.20%
2009-13		61	52	09	81.81%

^{*}M = Male *F = Female

27. Diversity of Students

Year of Admission	Name of the course	% of students from the same state	% of students from other States	% of students from abroad
2016-17		99.40	0.60	Nil
2015-16		99.40	0.60	Nil
2014-15	BE(Civil)	97.84	2.16	Nil
2013-14		98.23	1.77	Nil
2012-13		99.39	0.61	Nil

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

Year	GATE	Defence services	Civil services
2013-2014	09	Nil	05
2014-2015	01	Nil	Nil
2015-2016	07	Nil	Nil
2016-2017	06	Nil	03

29. Student Progression

Student Progression %	Against%enrolled				
Student Progression 70	2012-13	2013-14	2014-15	2015-16	
UG to PG	9.63%	17.46%	7.46%	7.41%	
PG to M. Phil	-	-	-	-	
PG to Ph.D	-	-	-	-	
Ph.D. to Post-Doctoral	-	-	-	-	
Employed - Campus Selection	39.75%	2.38%	6.72%	1.23%	
- Other than Campus Recruitment	19.27%	42.86%	15.67%	4.32%	
Entrepreneurship / Self-employment	Nil	3.17 %	2.98 %	1.23%	

30. Details of Infrastructural facilities

a) Library:

Infrastructural	Details of Item	Number
facility		
Central Library	Books	4372
	Volumes	8748
	CDs	75
	Journals	87
	NPTEL Videos	1500
Departmental Library	Books	550
Library Area: 33 sqm.	Volumes	412
	CDs	10

b) Internet facilities for Staff & Students:

Infrastructural	Details of Item	Number
facility		
Internet facility for	Computers	125
staff and students	Internet facility and	100Mbps
	Bandwidth	_

c) Class Rooms with ICT facility:

Infrastructural facility	Details of Item	Number
Class rooms with ICT facility	with Projector facility	06
Seminar Hall	Equipped with LCD Projector	01
Tutorial Room	Well furnished	04

d) Laboratories:

Infrastructural facility		Details of Item	Number
Laboratories-	UG:	Well equipped as per SPPU,	10
	PG:	curriculum and AICTE	02
	Research:	norms	01

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

Sr.	Details of Financial	Academic year/ No of students				
No.	Assistance	2013-14	2014-15	2015-16	2016-17	
1	OBC Freeship	243	208	165	266	
2	SC Freeship	74	46	53	72	
3	SBC Freeship	10	08	07	10	
4	ST Freeship	13	13	18	15	
5	VJ/NT Freeship	88	87	56	92	
6	TFWS	06	06	06	06	

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

Expert Lecture/Seminar/Workshop	Number of Student attended	Name of External Expert	Duration (Days)
Aca	ademic Year	2016-17	
Guest Lecture on Topic-	150	Retd. Col. Pradeep	Guest
"Opportunities in defence		Bramhankar Apex	Lecture
services"		Careers, Pune.	
One day workshop on topic-	120	Mr.Girish Dharap	One day

"Entrepreneurship in Civil		Mr.Vinayak	workshop
Engineering-Challenges and		Deshmukh	Workshop
opportunities"		Infini Group,Pune	
Guest Lecture on Topic-	150	Mr. Kishor Patel	Guest
"Introduction to STAAD	150	Mr. Rakesh Gujare	lecture
PRO-Analysis and design		Unique Consultants,	rectare
Software"		Nashik.	
One day workshop on topic-	120	Ar. Shrikant Nikam,	One day
"Introduction to Auto Cad"	120	Square feet Designs,	workshop
introduction to ridto ead		Kopargaon.	Workshop
One day workshop on topic-	150	Mr. S R Nawale	One day
"Golden Surfer 12X-	150	Mr. S M Gunjal	workshop
Contouring tools		Mr. K D Petare	Workshop
Guest Lecture on Topic-	150	Mr. Vaibhav	Guest
"Planning and success tips to	130	Srivastava	Lecture
crack IES and GATE exam"		Made Easy Academy,	Lecture
Crack ILS and Grill Chain		New Delhi.	
Guest Lecture on Topic-	180	Mr. Gaurav Borkar	Guest
"Water Resource	100	(AE-I) Water	Lecture
Management & Distribution:		Resource	Lecture
Ethics And Practices"		Department,	
Editios i ind i idences		Government of	
		Maharashtra.	
One day workshop on topic-	120	Mr. Elisha	One Day
"Scope of GIS in Field of	120	Bhakare,	Workshop
Engineering"		Miss. Gayatri	, volusiop
		Padade,	
		Gio-Planet	
		Group, Pune.	
Guest Lecture on Topic-	80	Mr. Haridas Gunjal,	Guest
"Awareness for Preparation		Instructor,	Lecture
of Competitive Examinations		Study Circle,	
(MPSC/UPSC)"		Swami Samartha	
, ,		Career Academy,	
		Ahmednagar.	
Guest Lecture on Topic-	100	Mr. Nitant J. Shaha,	Guest
"Civil Engineer Student		Senior Manager,	Lecture
Awareness Program		J K Cements, Pune	
(Concrete Construction)"		Region.	
Guest Lecture on Topic-	120	Er. Yogesh Garad,	Guest
"Opportunities For Civil		Executive	Lecture
Engineer In Central		Engineer(Grade I)	
Government Organizations"		Central Railway	
		Engineering,	
		Nashik Division.	
Guest Lecture on Topic-	120	Dr. A S Garudkar,	Guest
"Water Resource Planning		Head of Department,	Lecture
and Climate Change"		WALMI,	
		Aurangabad.	

One day workshop on topic- "Ferrocement Technology and Opportunities for Civil Engineering Students"	60	Dr. D B Divekar, Chairman, Ferrocement Societies of India, Pune.	One Day Workshop
One day workshop on topic- "Career Guidance for Civil Engineers in Abroad"	150	Mr. AmitKumar Rohamare, CEO, DAS offshore Engineering, Mumbai.	One day workshop
Ac	ademic Year	2015-16	
Expert lecture for TE/BE Civ students Construction Industri Development Council		Prof. A. B. Chaudhari	01
Expert lecture for TE/BE Civ students Future of Designir Career(AutoCAD And STAD PRO)	ng	Prof. Sagar Salunkhe	01
Expert lecture for BE Civil studen Keys to Success in MPSC/UPS Examinations		Mr. Rahul S. Tirse	01
Expert lecture for TE Civil studen Ethical Hacking and Cybercrin Awareness	ne	Mr. Nakul Gaikwad	01
Expert lecture for S E Civ students Opportunities in Civ Engineering		Er. Prabhakar Gunjal	01
Expert lecture for TE Civil studen Being Entrepreneur Opportunition and Challenges		Mrs. Swati Padhya	01
Expert lecture for SE/TE/BE Civ Girl students Crisis of Feminist	vil 90	Mrs. Shraddha G. Jawad	01
Expert lecture for TE Civil student Design Calculations of Bridge of Aqueduct		Er. Dinish G. Mankar	01
Expert lecture for BE Civil studen Infrastructure Project Managemen	t	Kulkarni	01
Expert lecture for BE Civil studen Preparation of MPSC and UPS Examinations			01
Expert lecture for SE Civil studen How to write Technical Paper	ts 110	Dr. A. S. Sayyad	01
Expert lecture for TE Civil studen Youth Role in Building the Nation		Mr. Sajan Sonawane	01

	T		
Expert lecture for SE Civil students	170	Er. Umesh	01
Town Planning Concepts and		Gaydhani	
Practices			
Expert lecture for BE Civil students	110	Miss. Indra	01
Opportunities for Civil Engineering		Chaudhari	
in MPSC and UPSC Exams			
Expert lecture for TE Civil students	150	Er. R. R.	01
Irrigation Scenario in Maharashtra		Borkar	
Expert lecture for BE Civil students	NA	Mr. Girish	01
Career Planning in Civil		Dharap	<u> </u>
Engineering		2 minp	
One day workshop for SE Civil	210	Er.Gawali V.	01
Introduction to AutoCAD	210	S.	01
Introduction to AutoCAD		ა.	
A and	omio Woon 201	2 14	
	emic Year 2013		0.1
Expert lecture for SE Civil students	190	Dr. B. M. Londhe	01
on "Group Dynamics and Team Building"		Londie	
Dunuing			
Expert lecture for TE Civil students	140	Prof. Sameer	01
on "Carrier Planning for Civil		Alone	-
Engineers"			
Expert lecture for BE Civil students	100	Er. Rohan	01
on "Scope of Project Management		Kodre	
in Private Sector"	120	M: D :	0.1
Expert lecture for BE Civil students	120	Miss Pooja Bakshi	01
on "Preparation of General MPSC Exam"		Miss Versha	
LXam		Dahale	
Expert lecture for TE Civil students	160	Mr. Mohsin	01
on "Advances in Concrete		Sayyad	
Technology"			
Expert lecture for TE Civil students	170	Mr.C. L.	01
on "Infrastructure Development -		Mohikar	
A Global Scenario"	4.10	1, 5	0.1
Expert lecture for BE Civil	110	Mr. Pravin	01
students-Competitive Examination	100	Kolhe	01
One day workshop for TE civil students on, "Ferro-Cement	180	Mr. B. N. Divekar	01
students on, "Ferro-Cement Technology"		Divekar	
1 comology			

33. Teaching methods adopted to improve student learning Class room lectures

- a) Power point presentations.
- **b**) Self-Learning
- c) Industrial visits
- d) NPTEL Video lectures
- e) Tutorial classes

f) Content beyond syllabus

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Sr. No.	Type of activity	Duration	Details of activity	Participants (students & faculty)
1	Maha Avayavdan Abhiyan	2016-17	NSS has organized different activities during the period 30 August 2016 to 01 September 2016, to mark the occassion of "Maha Avayavdan Abhiyan (Organ Donation Awareness Campaign)".	150 Students
2	Swachha Bharat Abhiyan Pakhwada	2016-17	NSS has organized different activities during the period 13 August 2016 to 15 August 2016, to mark the occassion of "Swachha and Swastha Bharat Abhiyan" pakhwada	100 Students
3	Tree Plantation Drive under "Van Mahotsav"	2016-17	N.S.S. ofSanjivani College of Engineering, Kopargaon has organized a "Tree Plantation Drive" on 03 rd July 2016 at 10 o'clock in the morning.	68 Students, 6 Faculties
4	Survey of school dropped children	2015-16	The survey of school dropped children is carried out from 20 th of January to 30 th of January in the Shinganapur village which is nearby college.	30 students
5	Visit to Snehalaya	2015-16	Visit of BE(E&TC) students to "SNEHALAYA-Home of Love" on 15 th March 2015	10 students, 4 Faculty
6	Young Union student	2015-16	Visited ADIWASI EKLAWYA AASHRAM, Takli, Kopargaon on 15 th February 2015.	50 students, 4 Faculty
7	group		The group organized voluntary blood donation camp in the college campus and Puntamba on 27 th February 2015.	50 students
8			Sexual Harassment Recognition and Reaction on 2 nd January 2015	121 students
9	Swachha Bharat Abhiyan	2014-15	Swachha Bharat Abhiyan is carried out on 2 nd October 2014.We have cleaned total five major roads which meet at centre point of Kopargaon near Bus stand. This is followed by celebration of Mahatma Gandhi Jayanti.	500 students
10	Cloth collection and distribution programs	2014-15	Clothscollection and distribution program is carried out in college of Engineering on 22 nd to 24 th January 2014. Staff distributed those cloths to the needy people in adopted village.	35 students, 10 Faculty

35. SWOC analysis of the department and Future plans

* Strengths

- 1. Experienced and Qualified Faculty.
- 2. Three times NBA Accreditated
- 3. Good staff-students ratio
- 4. ISO 9001:2008 certified
- 5. IEI Accreditated
- 6. Committed Technical Supporting Staff.
- 7. State of art Infrastructural Facility

* Weakness

- 1. Consultancy Need to be improved
- 2. Communication skill among the students' needs to improve.

* Opportunities

- 1. Research Funding from external agencies
- 2. Collaboration with more reputed industries

* Challenges

- 1. To meet requirements of industries.
- To improve the soft skills and to develop the communication skills of students.

* Future Plan

- 1. To register Patents
- 2. Funded research projects with collaboration of government and private organizations.
- 3. Collaboration with reputed industries as well as Small Scale Industries.
- 4. Tie-ups with National and International Educational Institutes.
- 5. Faculty Qualification Improvement
- 6. Enhancing Soft-skills, Aptitude Skills and Technical skills of the students

Self Study Report [SSR]

Department of Computer Engineering







Evaluative Report

Department of Computer Engineering

1. Name of the Department : Computer Engineering

2. Year of Establishment : 1990

3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., and Integrated

Masters; Integrated Ph.D., etc.) : UG in Computer Engineering,

PG in Computer Engineering.

4. Names of Interdisciplinary courses and the departments/units involved:

Sr.	Voor	Semester	Course	Course	Donoutmont
No.	rear	Semester	Code	Course	Department
1			107001	Engineering Mathematics I	Engineering Science
2			107002	Engineering Physics	Engineering Science
3			102006	Engineering Graphics I	Mechanical Engineering
4	FE	I	103004	Basic Electrical Engineering	Electronics and Telecommunication
5			110003	Fundamentals of Programming Languages I	Information Technology
6			111007	Workshop Practice	Mechanical Engineering
7			107009	Engineering Chemistry	Engineering Science
8			107008	Engineering Mathematics II	Engineering Science
9	FE	ıı İ	104012	Basic Electronics Engineering	Electronics and Telecommunication
10		1	102013	Basic Mechanical Engineering	Mechanical Engineering
11			102014	Engineering Graphics II	Mechanical Engineering
12			110010	Fundamentals of Programming Languages II	Information Technology
13	SE	I	207001	Engineering Mathematics III	Engineering Science

5. Annual/semester/choice based credit system (Programme wise):

UG: Semester Based Credit SystemPG: Semester Based Credit System

6. Participation of the department in the courses offered by other departments

Sr. No.	Year	Semester	Course Code	Course	Department
1	FE	I	110003	Fundamental of Programming Languages – I	Mechanical Engineering Electronics and Telecommunication Computer Engineering Information Technology
2	FE	II	110010	Fundamental of Programming Languages – II	Mechanical Engineering Electronics and Telecommunication Computer Engineering Information Technology

7. Courses in collaboration with other universities, industries, foreign institutions, etc.: Nil

8. Details of courses / Programmes discontinued (if any) with reasons:

M.E. (Computer Engineering) (Second shift) is discontinued.

Reason: Admission saturation

9. Number of Teaching posts:

Title	Sanctioned		Filled
	UG	PG	
Professors	03	01	01
Associate Professors	07	01	01
Asst. Professors	22	01	34

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

Name	Qualification	Designation	Specialisation	No. of Years of Experience	No. of Ph.D. Students guided for thelast 4 years
Dr.D.B.Kshirsagar	Ph.D	Professor & HOD	Computer Science & Engineering	23	-
Prof.P.N.Kalvadekar	Ph.D (Pursuing),ME	Asso.Prof.	Computer Science & Engineering	18	-
Mr.N.G.Pardeshi	ME	Asst.Prof	Computer Science & Engineering	11	1
Dr. A.B.Pawar	Ph.D.	Asso.prof.	Computer Science & Engineering	11	ı
Mr.A.V.Brahmane	M.E.	Asst.Prof.	Computer Networking	13.5	-
Mr.M.S.Ankoshe	M. Tech	Asst.Prof.	Computer Science & Engineering	18	-
Mr.B.J.Dange	M.E.	Asst. Prof.	Computer Engineering	12	-
Mrs.C.V.Longani	M.E.	Asst. Prof.	Computer Science & Engineering	8.5	-
Mr.P.B.Landge	M.E.	Asst.Prof.	Computer Science & Engineering	8	-
Mr.S.S.Shaikh	M. E.	Asst.Prof.	Computer Engineering	9.5	-
Mr.S.A.Shivarkar	M. Tech	Asst.Prof.	Computer Science & Engineering	8.5	-
Mrs.S.S.Deore	ME	Asst.Prof	Computer Science & Engineering	8.5	-
Mr.J.N.Kale	ME	Asst.Prof	Computer Science & Engineering	9.5	ı
Mr.A.A.Muzumdar	ME	Asst.Prof	Computer Engineering	7	-
Mr.S.R.Deshmukh	M.E.	Asst.Prof.	Computer Science &Engineering	9	-
Mr.S.N.Gunjal	M.Tech	Asst.Prof	Computer Science &Engineering	7.5	-
Mr.S.P.Patil	ME	Asst.Prof.	Computer	9	-

Name	Qualification	Designation	Specialisation	No. of Years of Experience	No. of Ph.D. Students guided for thelast 4 years
			Science &		-
			Engineering		
Mr.Nirgude V.N	ME	Asst.Prof	Computer Science & Engineering	5.5	-
Mr.A.Vinaykumar	M.Tech	Asst.Prof.	Computer Science & Technology	6.5	-
Mr.Hitesh Mohapatra	M.Tech	Asst.Prof.	Computer Science & Technology	7	-
Mr.Mahesh Sale	M.Tech	Asst.Prof.	Computer Engineering	3.5	-
Mr.T.Ravi Kumar	M.Tech	Asst.Prof.	Information Technology	6.5	-
Mr.T.Bhaskar	M.Tech	Asst.Prof.	Computer Science & Engineering	10.5	-
Mr.P.Saiprasad	M.Tech	Asst.Prof	Computer Science & Engineering	7	-
Mr.G.Madhukar	M.Tech	Asst.Prof	Computer Science & Engineering	5	-
Mr.A.S.Bodhe	M.Tech	Asst.Prof	Computer Science & Engineering	4	-
Mrs.S.A.Dongare	M.E.	Asst. Prof	Computer Engineering	10	-
Mr.V.D.Lipte	M.E.	Asst. Prof	Computer Engineering	6	-
Miss N.L.Chokhar	M.E.	Asst. Prof	Computer Engineering	0.5	-
Mr.C.P. Chandgude	M. Tech	Asst. Prof	Computer Engineering	0.5	-
Mr.H.E.Khodke	M.Tech.	Asst.Prof.	Computer Science & Engineering	12	-
Mr.G.B.Gadekar	M.E.	Asst.Prof.	Computer Engineering	1	-
Mr.B.B.Kotme	M.E.	Asst.Prof.	Computer Engineering	2	-
Mrs. S.R.Dandwate	M.Phil.	Asst.Prof.	Physics	21	-
Mr.M.V.Kulkarni	M.Sc.	Asst.Prof.	Chemistry	4	-
Ms. P.D.Thorat	M.Sc.	Asst.Prof.	Mathematics	4	-

11. List of senior visiting faculty:Nil

- 12. Percentage of lectures delivered and practical classes handled (Programme wise) by temporary faculty: Nil
- 13. Student Teacher Ratio (Programme wise):

UG - 15:1

PG- 12:1

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

Post Name	Sanctioned	Filled
Laboratory Assistant	04	04
Clerk	01	01
Peon	04	04

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

Refer Point No. 10.

Ph. D : 02

ME/M.Tech./M.Sc.: 34

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:

Sr. No.	Duration Year From To	Name of PI	Title of the project	Name of The funding agency	Grant Received (lakhs)
1	2011- 2013	Prof.D.B.Kshirsagar	Neuro fuzzy system for CBIR	BCUD, SPPU, Pune	2,00,000.00
2	2013- 2015	Dr. A. B. Pawar	Development of Intrusion detection and prevention system for educational institutional network	BCUD, SPPU, Pune	90,000.00
3	2014- 2016	Ms. S. S. Deore	Face name graph matching based framework for movie character Identification	BCUD, SPPU, Pune	80,000.00
4	2016- 2018	Mr.S.A.Shivarkar	Power demand forecasting	BCUD, SPPU, Pune	1,30,000.00
5	2016- 2018	Ms.C.V.Longani	Image resolution enhancement by using DWT	BCUD, SPPU, Pune	60,000.00
6	2016- 2018	Mr.S.N.Gunjal	A Novel Ontology based method for research project proposals selection using text mining approach.	BCUD, SPPU, Pune	70,000.00
7	2016- 2018	Mr. A.V.Brahmane	Camera Based Attack detection and prevention using Smart Phone	BCUD, SPPU, Pune	31,000.00

- 17. Departmental projects funded by DST FIST; UGC, DBT, ICSSR, etc. and totalgrants received: Nil
- 18. Research Centre /facility recognized by the University: Nil
- 19. Publications:
 - a)Paper Publication per faculty with Peer Review

C. No	Nome of Equalty	Peer revie	Total Number	
Sr.No.	Name of Faculty	International	National	Total Number
1	Prof D.B.Kshirsagar	08	03	11
2	Prof. P.N.Kalavadekar	15	00	15
3	Mr. N.G.Pardeshi	18	01	19
4	Dr. A.B.Pawar	16	01	17
5	Mr. A.V.Brahmne	09	02	11
6	Mr. M.S.Ankoshe	04	00	04
7	Mr. B.J.Dange	05	00	05
8	Mrs. C.V.Longani	03	00	03
9	Mr. S.S.Shaikh	02	01	03
10	Mr. S.A.Shivarkar	04	01	05
11	Ms. S.S.Deore	06	00	06
12	Mr. J.N.Kale	06	00	06
13	Mr. A.A.Muzumdar	04	00	04
14	Mr. S.R.Deshmukh	04	00	04
15	Mr. S.N.Gunjal	05	00	05
16	Mr. S.P.Patil	01	00	01
17	Mr. V.N.Nirgude	03	00	03
18	Mr. A.Vinaykumar	01	00	01
19	Mr. M.A. Sale	02	00	02
20	Mr. Mohapatra H.	05	00	05
21	Mr. T. Ravi Kumar	03	00	03
22	Mr. P. Saiprasad	03	00	03
23	Mr. T. Bhaskar	06	00	06
24	Mr. G.Madhukar Rao	01	00	01
25	Mr. A.S. Bodhe	03	01	04
26	Ms. S.A. Dongare	10	00	10
27	Dr. A. Kalyankumar	01	00	01
28	Ms. B. Thulasi	02	00	02
29	Mr. M. Masuti	01	00	01
	Mr. V.D. Lipte	01	00	01
31	Mr. C.P. Chandgude	01	00	01
32	Mr. N. L. Chokhar	01	02	03
33	Mr. A.S. Shrinivas	01	00	01
34	Mr.P.B.Landge	01	00	01
35	Mr.H.E.Khodke	01	00	01

b) Paper Publication per faculty with Non Peer Review

Sr.No.	Name of Faculty	Non Peer re	eviewed	Total Number
		International	National	1(4111001
1	Prof. D.B.Kshirsagar	03	02	05
2	Prof. P.N.Kalavadekar	10	01	11
3	Mr. N.G.Pardeshi	05	02	07
4	Dr. A.B.Pawar	10	01	11
5	Mr. M.S.Ankoshe	01	00	01
6	Mr. P.B.Landge	02	00	02
7	Prof S.S.Shaikh	01	00	01
8	Prof J.N.Kale	02	00	02
9	Mr. A.A.Muzumdar	02	00	02
10	Mr. V.N.Nirgude	02	00	02
11	Mr. A.Vinaykumar	01	01	01
12	Mr. M.A. Sale	01	00	01
13	Mr. Mohapatra H.	06	00	06
14	Mr. P. Saiprasad	01	00	01
15	Mr. G.Madhukar Rao	00	01	01
16	Mr. A.S. Bodhe	01	00	01
17	Mr. V.D. Lipte	01	00	01

c) Citation, H-Index, Impact Factor, I10 index

Sr.No.	Faculty Name	Citation	H-index	Impact factor	I10 index	Any other
1	Mr. P.N. Kalavadekar	26	03	-	-	-
2	Dr. A.B. Pawar	04	01	-	-	-
3	Mr. B.J. Dange	01	01	-	-	-
4	Mr. A.V. Brahmane	01	01	-	-	-
5	Mr. S.A. Shivarkar	11	02	-	ı	-
6	Mr. G. Madhukarrao	07	00	-	-	-

20. Areas of consultancy and income generated:

Areas	Year	Income Generated (Rs.)
Website Development	2014-15	50,000.00
Hostel Management	2015-16	40,000.00

21. Faculty as members in

a) National Committees:

Sr. No.	Name of Faculty	Name of Committee and Designation
1	Prof. D.B.Kshirsagar	1. Member of Board of StudiesWCE
		Sangali.
		2. Subject Chairman/Ex.Member of BOS
		Committee of SavitribaiPhule Pune
		University.
2	Dr. A.B.Pawar	Subject Chairman(PR) of BOS Committee of
		SavitribaiPhule Pune University.

b)International Committees: Nil

c)Editorial Boards:

Sr. No.	Name of the faculty	Editorial board	Duration
1	Dr. A.B.Pawar	ICTREIT 2013-14	6 Month
2	Mr. H.Mohapatra	ITSAR(Reviewer)	1Yr.

22. Student projects

a)Percentage of students who have done in-house projects including their departmental programme:

Sr.No.	Academic Year	In house projec	Outside	
		Departmental Inter		projects (%)
			Departmental	(Sponsored)
1	2010-2011	95.00%	NIL	05.00%
2	2011-2012	100.00%	NIL	00.00%
3	2012-2013	94.00%	NIL	06.00%
4	2013-2014	96.00	NIL	04.00%
5	2014-2015	94.00%	NIL	06.00%
6	2015-2016	90.00%	NIL	10.00%

b) Percentage of students who have placed for projects in organizations outside the Institution i.e. in Research laboratories / Industry / other agencies:01.00% (Tackathon Project implementation)

23. Awards/Recognitions received by faculty and students

a) Awards / Recognition received by faculty:

	Academic year : 2016-17					
Sr.	Name of the staff	Award	Received from			
No.			Organization			
1	Dr. A. B. Pawar	Best Engineering College Teacher	Indian Society for Technical			
		Award	Education			
2	Prof. B. J. Dange	Academic Excellence Award	Computer Society of India			

b) Awards / Recognition received by students in Paper Presentation / Technical event :

Sr. No.	Name of student	Name of conference / workshop	Place	Prize
		Academic year : 20	16-17	'
1	Shon Phand	C coding	Amrutvahini COE Sangamner	1st
2	Borse Neha Sahebrao	Poster Presentation	Sanjiavni COE, Kopargaon	2nd
3	Ghogare Pawan Sanjay	Extempore event in Sanjivani Tech Fest	Sanjiavni COE, Kopargaon	1st
4	Desai Pooja Sampat, Bhosale Rupali, Agwan Sonali	UML modelling	Sanjiavni COE, Kopargaon	2nd
5	Gavhale Shivpriya N.	Extempore event in Sanjivani Tech Fest	Sanjiavni COE, Kopargaon	2nd
6	Gavhale Shivpriya N.	Poster Presentation	Sanjiavni COE, Kopargaon	2nd
7	Joshi Sayali, Kadam Esha	Technovation	Sanjiavni COE, Kopargaon	1st
8	Joshi Sayali, Kadam Esha	UML modelling	Sanjiavni COE, Kopargaon	1st
9	Bharambe Charushila, Bachhav Nikhil, Bhondge Shreya, Bakale Supriya	Project Competition	SND COE Yeola	3rd
10	Ajmera Sameer, Bachhav Nikhil, Raut Shubham, Akubattin Vishal	Paper Presentation	SND COE Yeola	1st
11	Pachpute Amey	CAT 2016		84.52 Percentile
12	Badhe Tanmay	Technical Interview	Sanjiavni COE, Kopargaon	2nd
13	Badhe Tanmay	Source Code	KKW COE Nashik	1st
14	Badhe Tanmay	Coding	Sanjiavni COE, Kopargaon	1st
15	Badhe Tanmay	Profused	MET Bhujbal Knowledge City	1st

Sr. No.	Name of student	Name of conference / workshop	Place	Prize
	Badhe Tanmay	C- Programming	SND COE Yeola	2nd
	Badhe Tanmay	Blind C	SND COE Yeola	1st
18	Patel Jenith, Gagare Sudesh, Giri Dipak, Kotkar Vishal	Patent		Patent is filed
		Academic year : 20	15-16	
19	Prasad Tupkari Sanjivani Tech Fest (Programing contest) SRES COE, Kopargaon Cummins India		2 nd	
20	Borawake Rajshree	Cummins Scholarship	Cummins India Foundation Pune	Scholarship Win
21	Sonali Vakale	ITERA Poster Competition	SRES COE	1 st
		Academic year : 20	14-15	
22	Attar Ubed	Connoisseur2K14 (Blind Coding)	AVCOE, Sangmaner	1 st
23	Attar Ubed	Connoisseur2K14 (Code Streak)	AVCOE, Sangmaner	1 st
24	Kapil Nilekar	Connoisseur2K14 (Tech Knocks)	AVCOE, Sangmaner	2 nd
25	Atul Cahvan	Red Hat Certified Engineer Pune Centre		Valid Score 283/300
26	Atul Cahvan	Red Hat Certified System Admin Pune Centre		Valid Score 260/300
27	Korde Shamal	TECHUNIQUE2K15 (Paper Presentation)	AVCOE,Sangmaner	2 nd
28	Jakir Shaikh	TECHUNIQUE2K15 (Blind Coding)	AVCOE,Sangmaner	1 st
29	Gunjal Swati	TECHNO- EXCELLELENCE- 15 (Paper Presentation)	Dr.Vikhe Patil COE,A'Nagar	3 rd
30	Korde Shamal	PRECISION-2K15 (Paper Presentation)	PREC,Loni	1 st
31	Kurhe Snehal	PRECISION-2K15 (Paper Presentation)	PREC,Loni	1 st
32	Lad Ganesh	PRECISION-2K15 (Project Exhibition)	PREC,Loni	2 nd
33	Mehere Snehal	PRECISION-2K15 (Project Exhibition)	N-2K15 PREC,Loni	
34	Patait Krishna	PRECISION-2K15 (Project Exhibition)	PREC,Loni	2 nd
35	Piyush Jaju	Shirdi Festival'15 (Singing)	Shirdi	2 nd
36	Madhuri Rahane	EUREKA2K15 Dristi Paper Presentation	SNJB,Chandwad	2 nd

Sr. No.	Name of student	Name of conference / workshop	Place	Prize
110.		EUREKA2K15		
37	Dotholz Moznej	Dristi	SNJB,Chandwad	2 nd
31	Pathak Mayuri			2
		Paper Presentation METEOTITE'14	MICTE NI1.11-	
38	Varsha Bhat		MET,Nashik	2^{nd}
	G : GL 1	(Paper Presentation)	apea coe	
39	Gauri Chandar	Sanjivan'15	SRES COE,	1^{st}
	Varsha Bhat	Annual Gathering	Kopargaon	
40	Gauri Chandar	METEORITE'14	MET,Nashik	2^{nd}
	Varsha Bhatt	(Dance Event)		
	Nikumbh Shraddha		SRES COE,	
41	Patkari Durgesh	Technosanjivani'15	Kopargaon	1 st
71	Pawar Samiksha	Project Exhibition	Ropurguon	1
	Madan Vaibhav			
	Amruta Wade			
42	Rahane Madhuri	Transfotech 2k14	SSIE,Rahata	1 st
42	Asha Wadekar	Paper Presentation		1
	Mayuri Pathak	•		
	•	G 1. 1.F.	SRES COE,	
43	Swapnali Tahkor	Cultural Event	Kopargaon	1 st
		Nail Art	SAnjivan'14	_
	Snehal Mehere		STILL T	
	Krishna Patait	ProjectExpo'15	MIT COE,Alandi	
44	Lad Ganesh	Project Competition		2^{nd}
	Lau Ganesii	1 Toject Competition		
	Krishna Patait			
		Vidut Zon'15	SND COE & Do Voole	
45	Lad Ganesh	Vidut-Zep'15	SND COE & Rc, Yeola	2^{nd}
	Lakare Prerna	Project Competition		
	Kopre Priynka			
	Tupkar Avanti	X7' 1 . 77 . 21 7		
46	Shinde Smita	Vidut-Zep'15	SND COE & Rc, Yeola	1 st
	Nagpure Rashmila	Project Competition		
	Shinde Komal			
47	Lakare Prerna	ProjectExpo'15	MIT COE,Alandi	2 nd
т,	Priyanka Kopre	Project Competition	Wiff COL,7 Handi	<u>~</u>
48	Varsha Aware	TechnoFest'14	Sapkal COE,Nahik	1 st
40	Mayuri Aher	Paper Presentation		1
		Academic year : 20	013-14	
49	Mayuri Aher	Connoisseur 2k13 (PPR Presentation)	AVCOE, Sangammer	2 nd
50	Jakir Salim Shaikh	Technofest'14 (C Schef)	Sapkal COE, Nashik	1 st
51	Jakir Salim Shaikh	Tantrasangram'13 SND Coe, Yeola (C-fighter)		1 st
52	Attar Ubed	Technospire'14 SRES Coe,Kopargaon (Programming)		1 st
53	Attar Ubed	Technofest'14 (C Schef)	Sapkal COE, Nashik	2 nd
54	Amruta Marathe	Techxellence'13	Sandip inst. Of Tech.& RC	1 st

Sr. No.	Name of student	Name of conference / workshop	Place	Prize
		•	Nashik	
55	Amruta Marathe	METECH'13 (Paper-o-Logy)	MET,Nashik	1 st
56	Amruta Marathe	ACMEC-2014 College of Poly, (PPR Presentation) Sangamner		2 nd
57	Amruta Marathe	Jishin'14 (Paper Bridge)	Bharti VP COE for women, Pune	1 st
58	Attar Ubed	Connoisseur 2k13 (Blind Coding)	AVCOE, Sangammer	1 st
59	Attar Ubed	Meteorite'13 (MAC C-Event)	MET,Nashik	1 st
60	Vishak Raina	Techunique'2k14 (Smartini's)	AVCOE,Sangamner	1 st
61	Yashodip Bahvsar	Techunique'2k14 AVCOE,Sangamner (Smartini's)		1 st
62	Korde Shamal	Technoparv'2k14	SCSCOE,Rahuri	2^{nd}
63	Shaikh Jakhir	Technoparv'2k14 (Algo Utsav)	SCSCOE,Rahuri	1 st
64	Renuka Dhaka	Meteorite'13 (Mugdhangan- Dance)	MET,Nashik	1 st
65	Shweta Patil	Meteorite'13 (Mugdhangan- Dance)	MET,Nashik	1 st
66	Rashmi Nagpure	Meteorite'13 (Mugdhangan- Dance)	MET,Nashik	1 st
67	Gauri Chandar	Meteorite'13 (Mugdhangan- Dance)	MET,Nashik	1 st
68	Latif Inmdar	NSS-Essay Compt'n	SRESCOE, Kopergaon	1 st
69	Durgesh Patkari	SSBT Fest'14 C-Grabber	COE,Bhambori,Jalgaon	3 rd
70	Vaibhav Rohom	SSBT Fest'14 C-Grabber	COE,Bhambori,Jalgaon	3 rd
71	Swati Khatal	Sanj Vision'13 Paper presentation	SRES COE,Kopergaon	3 rd

c) Awards / Recognition received by students in Sports

Sr.	Name of student	Name of conference /	Place	Prize
No.		workshop		
		Academic year : 2	2016-17	
1	Bachhav Nikhil	Hand Ball	COE Pune	1st
2	Amit Kachroo	Base Ball	COE Pune	1st
		Academic year : 2	2015-16	
3	Dhanraj Tiwari	Summit'15 (Baseball)	MIT,Pune	1 st
4	Prasad Badhe	Sports (Fencing)	MIT,Pune	1 st
5	Aute Jagurati	Sports (Handball)	Ahmednagar Zonal	3 rd
6	Agwan Sonali	Sports (Handball)	Ahmednagar Zonal	2 nd
7	Borawake Rajshree	Sports (Handball)	Ahmednagar Zonal	2 nd
8	Dighe Pritam Bodke Kamini Devhade Snehal Borul Kayyni Bharambe Charushila Chandar Gauri Rupali Bhosale Aute Jagurati	Sports Volleyball	SRES COE, Kopagaon	1 st
9	Shreya Rathi	Sports (Table Tennis)	SRES COE Kopagaon	1 st
10	Chandar Gauri	Sports (Table Tennis)	SRES COE Kopagaon	2 nd
		Academic year : 2	2014-15	
11	Aute Jaguriti Nikwade Shital Avhad Monali Bargal Rupali Tupkar Avanti	Inter Zonal Handball Girls Team	Malegaon	2 nd
12	Tupkar Avanti Avhad Monali	Vollyball Inter College	SRES COE, Kopargaon	1 st

Sr.	Name of student	Name of conference /	Place	Prize		
No.		workshop				
	Dighe Pritam					
	Gade Tejuswini					
	Devadhe Snehal					
	Borul Kalyni					
	Bodhkhe Kamini					
13	Varsha Bhat	(Badminton doubles)	PREC,Loni	1 st		
14	Christo Dotil	Table Tennis	SRES COE,	1 st		
	Shriya Patil	Table Tellins	Kopargaon	1		
15	Gauri chandar	Table Tennis	SRES COE,	2 nd		
	Gauri chandar	Table Tellins	Kopargaon	<u> </u>		
16	Varsha Bhat		SRES COE,			
		Badminton	Kopargaon	1 st		
17	Varsha Bhat	Badminton	SRES COE,	1 st		
	Komal Khatri	Doubles	Kopargaon	1		
Academic year : 2013-14						
18	Pawar Nilesh	ZEST'14 (Handball)	COE,Pune	1 st		
19			SRES			
	Nilesh Pawar	Pune University	COE,Koperga	2 nd		
	Micsii Fawai	Zonal Handball	on			

${\bf 24. \ List \ of \ eminent \ academic ians \ and \ scientists \ / \ visitors \ to \ the \ Department}$

Sr.No.	Name of	Date and	Designation	Organization	Purpose
	academician/	Duration			of Visit
	scientist/				
	visitor				
1	Mr. Jayendra	30/07/2011	Sr. Software	TechMahindra,Pune	Worksop
	Khatod	to	Engineer		
		31/07/2011			
2	Mr. Piyush	30/07/2011	Sr. Software	Yardi	Worksop
	Batewara	to	Engineer	Software,Pune	
		31/07/2011			
3	Mr. Jayendra	17/09/2011	Sr. Software	TechMahindra	Worksop
	Khatod	to	Engineer	,Pune	
		18/09/2011			
4	Mr, Piyush	17/09/2011	Sr. Software	Yardi Software	Worksop
	Batewara	to	Engineer	,Pune	
		18/09/2011			
5	Mr. Avinash	29/07/2012	Director	Earth Solution	Guest
	Gawali			pvt.ltd.	Lecture

6	Mr. Sandip	2012-13	Master	IBM india	Guest
o o	Patil	2012 13	Inventor &	131/1 mata	Lecture
			cloud		2000010
			Architect		
7	Mr. Umar	14/9/2013	CEO	POASH	Guest
	Lone			Technology	Lecture
8	Mr. Vikrant	28/9/2013	Senior	Syntel Technology,	Guest
	Somavanshi		Software	Pune	Lecture
			Engineer		
9	Mr. Aman	08/02/2014	Instructor	Network Bulls,	Worksop
	Kesar	То		Gurgaon	
		09/02/2014			
10	Mr. Sachin	15/02/2014	CEO	Tricosys Solution	Guest
	Inamdar			pvt. Ltd ,pune	Lecture
					~
11	Dr. P.K. Sinha	44/02/25:	Senior	C-DAC	Guest
		11/03/2014	Director		Lecture
12	Mr. Kishor	11/08/2014	Network	CISCO,Pune	Guest
	Abhale		Administrator		Lecture
12	M D 1 1 1	14/00/2014	G G .	0 1: 0 :	C .
13	Mr. Balasaheb	14/08/2014	Sr. System	Qualis Security Tech Services Pvt.	Guest
	Ratan Chavan		Administrator		Lecture
14	Mr. Bhima	26/12/2014	Spiritual	Ltd ,Pune Chicago,USA	Guest
14	Das	20/12/2014	Guru	Cincago, USA	Lecture
15	Shyama Iyyer	9/02/2015	National	Spoken Tutorial	Guest
13	Silyama lyyer	7/02/2013	Coordinator	CDAC	Lecture
16	Swapnil More	9/02/2015	Assistant	Spoken Tutorial	Guest
10	~ wapiiii wasi	7,02,2016	Project	CDAC	Lecture
			Manager		
17	Chandrakant	9/02/2015	Assistant	Spoken Tutorial	Guest
	Dhutadmal		Project	CDAC	Lecture
			Manager		
18	Mr.Shrenik	28/2/15	System	Rediff.com	Guest
	Shah		Architect		Lecture
19	Mr. Avinash	27/06/2015	Director	Earth Solution	Guest
	Gawali			pvt.ltd.	Lecture
20	Mr. Shrikant	25/07/2015	Senior	TCS,Pune	Guest
	Pandore		Software		Lecture
			Engineer		
21	Mr.	11/09/2016	Spiritual guru	Bangalore	Guest
	Chandresh		, Ex- Wipro		Lecture
			HR		
22	Mr.	2 Days	Spiritual guru	Bangalore	Workshop
	Ghanashyam	8/08/2016	, Ex- Wipro		
		to	HR		
		9/08/2016			

23	Mr. Amit	17/12/2015	Team Lead	IBM,Pune	Guest
	Joshi				Lecture
24	Mr.	20/12/2015	Senior	Prorigo Software,	Guest
	Atulkumar		Software	Pune	Lecture
	Banwar		Engineer		
25	Mr. Ramakant	9/1/2016	Senior	AVAYA System,	Guest
	Debata		Software	Pune	Lecture
			Engineer		
26	Mr. Sandip	22/1/2016	Team Lead	IBM,Pune	Guest
	Jadhav				Lecture
27	Mr. Mandar	13/2/2016	CEO	Nextremer, Pune	Guest
	Kale				Lecture
28	Mr. Chaitanya	14/03/2016	Senior Vice	Barclays,Pune	Guest
	Gorrepati		President		Lecture

25. Seminars/ Conferences/Workshops organized and the source of funding:

Department has received Funds till date: -

Sr.No.	Seminar/ conference	Name of the event	Duration	Funding agency	Funds received
	/workshop				Rs.
1	Workshop	Application of Soft computing	2 days	BCUD	1,00,000.00
2	Workshop	Big Data & IOT	2 days	BCUD	2,00,000.00

26. Student profile program/course wise:

Year	Applications Received	Selected (Admitted)	Enrolled		Pass Percentage
			Male	Female]
2009-2010	*	61	38	23	91.82%
2010-2011	*	117	67	50	86.71%
2011-2012	*	128	64	64	95.86%
2012-2013	*	128	59	69	92.25%
2013-2014	*	124	53	71	Appearing
2014-2015	*	124	73	51	Appearing
2015-2016	*	126	73	53	Appearing

^{*} Since admissions are centralized applications are not received.

Master in Computer Engineering

Year	Applications	Selected	Enrolled		Pass
	Received	(Admitted)	Male	Female	Percentage
2009-2010					
2010-2011					
2011-2012	*	18	11	07	88.88%
2012-2013	*	18	08	10	68.75%
2013-2014	*	18	04	14	81.25%
2014-2015	*	26	06	20	Appearing
2015-2016	*	14	07	07	Appearing

^{*} Since admissions are centralized applications are not received.

27. Diversity of Students

Academic Year	Name of the Course	% of students from the same state	% of students from other States	% of students From abroad
2015-16		122	04	
2014-15		122	02	
2013-14	Bachelor of	123	01	
2012-13	Computer	126	02	
2011-12	Engineering	124	04	
2010-11		116	01	
2009-10		58	03	
2015-16		14		
2014-15		26		
2013-14	Master of	18		
2012-13	Computer Engineering	18		
2011-12		18		
2010-11				
2009-10				

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

Year	Gate exam cleared	Civil services cleared	Defense services
			cleared
2012-13	Nil	Nil	Nil
2013-14	Nil	Nil	Nil
2014-15	03	Nil	Nil
2015-16	01	Nil	Nil

29. Student Progression

Student progression	Against%enrolled				
	2012-13	2013-14	2014-15	2015-16	
UG to PG	10	04	09	01	
PG to M.Phil	Nil	Nil	Nil	Nil	
PG to Ph.D	Nil	Nil	Nil	Nil	
Ph.D to Post-Doctoral	Nil	Nil	Nil	Nil	
Employed in Campus	08	13	37	52	
Selection					
Employed Other than	19	23	04	10	
campus recruitment					
Entrepreneurship / Self	Nil	Nil	Nil	Nil	
-employment					

30. Details of Infrastructural facilities

a) Library:

Infrastructural facility	Details of Item	Number
Central Library	Books	
•	Volumes	8124
	CDs	3406
	Journals	22
Departmental Library	Books	460

b) Internet facilities for Staff & Students:

Infrastructural facility	Details	Number
Internet facility for Staff	Computers	307
and students	Computers with internet facility	290
	Bandwidth	100 Mbps

c) Class rooms with ICT facility:

Infrastructural facility	Details of Item	Number
Classrooms with ICT	with Projector facility,	05
facility	internet connectivity	
Seminar Hall	Equipped with LCD	01
	Projector	
Tutorial Room	Well furnished	01
Major Equipments:Server	Server	05
UPS	120 KVA UPS	06

d) Laboratories:

Name of Laboratory	Area in Sq.m	Total Cost (Rs.)	
Software Lab. I	67 Sq.m	11,05,317.00	
Software Lab. II	67 Sq.m	12,03,532.00	
Unix Lab.	67 Sq.m	13,58,794.00	
ADT Lab.	67 Sq.m	8,99,167.00	
Hardware Lab.	67 Sq.m	5,78,578.00	
PGR Lab.	67 Sq.m	10,11,721.00	
PG Lab.	67 Sq.m	7,16,969.00	
Network Lab.	67 Sq.m	14,45,698.00	
Project Lab. I	67 Sq.m	6,99,610.00	
Project Lab. II	67 Sq.m	8,11,855.00	
Programming Lab. I	67 Sq.m	7,41,061.00	
Language Lab.	67 Sq.m	5,97,375.00	
Open Source Lab.	67 Sq.m	11,02,160.00	
Total Cost of Equi	Total Cost of Equipment		

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

Sr.No.	Details of	Academic year/ No of students				
	financial	2012-13 2013-14 2014-15 2015-16 20				2016-17
	assistance					
1	OBC Freeship	121	158	182	122	243
2	SC Freeship	31	48	74	56	49
3	SBC Freeship	05	8	9	13	16
4	ST Freeship	03	2	5	-	04
5	VJ/NT Freeship	32	70	46	67	60
6	Minority	-	-	2	-	

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

a) Workshop : 10b) Short term Courses : 02c) Certified Courses : 02d) Guest Lecture : 27

Sr. No.	Type of enrichment program	Topic	Target audience	Duration date	Details of expert
1.	Workshop	.Net and SQL	BE	2 days	Mr. Jayendra Khatod
		oracle	Comp.	30/07/2011	Oracle Certified Associate
			students.	to	Mr, Piyush Batewara

Sr. No.	Type of enrichment program	Topic	Target audience	Duration date	Details of expert
	1 0			31/07/2011	Microsoft Certified Technology Specialist
2.	Workshop	SQL oracle	TE Comp. students.	2 days 17/09/2011 to 18/09/2011	Mr. Jayendra Khatod Oracle Certified Associate Mr, Piyush Batewara Microsoft Certified Technology Specialist
3.	Guest Lecture	Currrent trends in mobile and social media	TE Comp. students.	29/07/2012	Mr. Avinash Gawali Director,Earth Solution pvt.ltd.
4.	Guest Lecture	Patents and its applications	TE Comp. students.	22/03/2013	Mr. Sandip Patil Master Inventor & cloud Architect ,IBM india
5.	Guest Lecture	Software Engineering Approach	BE Comp. students	18/07/2013	Prof. P.N. Kalawadekar Associate Professor SRESCOE
6.	Guest Lecture	Introduction To Android OS" (Architecture and Applications)	BE Comp. students	14/09/2013	Mr. Umar Lone CEO,POASH Technology
7.	Guest Lecture	Carreer Guidance And Software Testing In Industry	BE & TE Comp. students	28/09/2013	Mr. Vikrant Somavanshi Syntel Technology , Pune
8.	workshop	Information securirty and cyber forensics	All Engg Branch Students	2 days 04/01/2014 to 05/01/2014	Cyber Cure Technologies pvt. Ltd.
9.	workshop	National Network Security and Championship	All Engg Branch Students	2 days 08/02/2014 to 09/02/2014	Mr. Aman Kesar Network Bulls, Gurgaon
10.	Guest Lecture	.NET Technology	BE & TE Comp. students	15/02/2014	Mr. Sachin Inamdar Tricosys Solution pvt. Ltd ,pune
11.	Guest lecture	Preparing India to be a Global Leader	Comp. Students	11/03/2014	Dr. P.K. Sinha Senior Director C-DAC
12.	Workshop	LATEX	BE Comp. students	02/08/2014 to 04/08/2014	Mr. S.S.Shaikh Assistant Professor, SRESCOE Mr. V.D.Lipte Assistant Professor, SRESCOE, Kopargaon

Sr. No.	Type of enrichment program	Торіс	Target audience	Duration date	Details of expert
13.	Guest lecture	Networking	BE Comp. students	11/08/2014	Mr. Kishor Abhale CISCO,Pune
14.	Guest lecture	Cloud Computing	BE Comp. students	14/08/2014	Mr. Balasaheb Ratan Chavan Sr. System Administrator Qualis Security Tech Services Pvt. Ltd
15.	Guest lecture	Software Engineering Approach for final year project Documentation"	BE Comp. students	14/8/2014	Mr. P.N. Kalawadekar Associate Professor SRESCOE
16.	Guest lecture	Art of teaching	All Staff Members	26/12/2014	Mr. Bhima Das Chicago,USA
17.	Workshop	PL-III	TE Comp. students	31/12/2014	Mr. S.A.Shivarkar Assistant Professor, SRESCOE
18.	Guest lecture	GATE 2015	BE Comp. students	030/2/2015	Dr. A.B.Pawar Associate Professor SRESCOE
19.	Guest lecture	Spoken Tutorial	SE Comp. students	09/02/2015	CDAC,Pune
20.	Guest lecture	ALPs of MIL	SE Comp. students	20/02/2015	Mrs. C.V.Longani Assistant Professor, SRESCOE
21.	Guest lecture	Trends &Technology Career path in Comp Engg	BE ,TE & SE Comp. students	28/02/2015	Mr.Shrenik Shah System Architect Rediff.com
22.	Guest lecture	Project development & recent trends in software industry.	BE Comp. students	27/06/2015	Mr. Avinash Gawali Director,Earth Solution pvt.ltd.
23.	Short term course	Advance C with basic	SE Comp. students	30 Hrs 30/06/2015 to 28/07/2016	Mr. Hitesh Mohapatra Assistant Professor, SRESCOE
24.	Guest lecture	Emarging trends in IT	TE Comp. students	25/07/2015	Mr. Shrikant Pandore Senior Software Engineer TCS,Pune
25.	Guest	Art of mind	BE ,TE &	11/09/2016	Mr. Chandresh

Sr. No.	Type of enrichment program	Торіс	Target audience	Duration date	Details of expert
	lecture	control	SE Comp. students		Ex- Wipro HR Bangalore
26.	Guest lecture	Art of mind control	BE ,TE & SE Comp. students	11/09/2016	Mr. Chandresh Ex- Wipro HR Bangalore
27.	Workshop	Science of self-discovery	FE Comp Engg Students	2 Days 08/08/2016 to 09/08/2016	Mr. Ghanashyam Ex- Wipro HR Bangalore
28.	Workshop	Real time web application using HTML,CSS	TE Comp. students	30/08/2016	Mr. Saiprasad Assistant Professor, SRESCOE
29.	Workshop	HADOOP & BIGDATA	TE Comp. students	06/09/2016	Mr. T. Bhaskar Assistant Professor, SRESCOE
30.	Certified Courses	Cyber Security & Computer Forensic	All Engg Branch Students	2 days 12/09/2015 to 13/09/2015	Cyber cure , Delhi
31.	Short term course	Hands on programming in python		20/07/2015- 5/10/2015	Mr. Mahesh Sale Assistant Professor, SRESCOE
32.	Guest lecture	Interview techniques	BE Comp. students	17/12/2015	Mr. Amit Joshi IBM,Pune
33.	Guest lecture	Current trends and Scenarios in S/w Industry	TE Comp. students	20/12/2015	Mr. Atulkumar Banwar Prorigo Software, Pune
34.	Guest lecture	Advanced concept of OOP used in industry	SE Comp. students	09/01/2016	Mr. Ramakant Debata AVAYA System, Pune
35.	Guestlecture	ІоТ	TE Comp. students	11/01/2016	Mr. T.Bhaskar Assistant Professor, SRESCOE
36.	Guest lecture	Interactive session	BE & TE Comp. students	22/01/2016	Mr. Sandip Jadhav IBM,Pune
37.	Certified Courses	Android development	TE,BE Comp & IT Students	30/1/2016 to 31/1/2016	Cyber cure, Delhi

Sr.	Type of	Topic	Target	Duration	Details of expert
No.	enrichment		audience	date	
	program				
38.	Guest	Client server	SE	10/02/2016	Mr. T.Bhaskar
	lecture	concepts	Comp.		Assistant Professor,
			students		SRESCOE
39.	Guest	Artificial	TE	13/02/2016	Mr. Mandar Kale
	lecture	Intelligence	Comp.		CEO, Nextremer, Pune
			students		
40.	Workshop	Core java	SE	15,16,17,	Mr. A. Vinaykumar
		programming	Comp.	18/02/2016	Assistant Professor,
			students		SRESCOE
41.	Guest	Innovation to	TE	14/03/2016	Mr. Chaitanya Gorrepati
	lecture	catalyze change	Comp.		Senior Vice President
			students		,Barclays,Pune

33. Teaching methods adopted to improve student learning Class room lectures

- Class Room Lectures
- Power point presentation with animation.
- Guest Lectures
- Students Seminars and Project Presentations
- Seminars and Conference
- Interactive and innovative learning session.
- Assignments and Projects
- Tutorial
- Self-learning
- Content beyond Syllabus.
- Laboratory session.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Sr.No.	Type of activity	Duration	Details of Activity	No of Participants (Faculty & Students)
1	NSS	2015-16	1. Blood donation camp, 18 th , 24 th and 25 th of March 2015 2. International Yoga Day celebration, 21 st June 2015	297 students and faculties 200 students and faculties
			3. Tree Plantation, 21 st June 2015	150 students and 50 faculties
			4. Orientation Program, 3 rd August 2015	150 students and faculties
			5. Essay competition, 27 th August 2015	52 students
			6. NSS week activities: a) Poster competition On "Eco-Friendly Ganpati" b) Best Group Competition c) Sanjivani Campus Cleaning d) Tree Plantation e) Video lecture on "Wonders of Attitude" f) PPT presentation by NSS groups: Cultures of different countries	100 students and 6 faculties
			7. Road Safety Abhiyan, 29/12/2015 to 30/12/2015	100 students
			8. Survey of school dropped children, 20 th January to 30 th of January 2015	43 students
			9. Blood donation program	370 students and staff
2	ACES	2015-16	Guest Lecture on "Art of mind control"	146
			2. Art of mind control: Exploring the power of mind to FE students	250
			3. 2 days workshop on "Science of self discovery"	70
3	NSS	2014-15	 Orientation Program, 14th August 2014. Tree plantation Program, 9th August 2014 Tree plantation Program, 9th August 2014 and 15th of August 	100 students and 6 faculties 100 students and 6 faculties 100 students and 6 faculties
			2014 4. One day workshop on Awareness of important laws related to students such as Anti ragging, Cyber law, Right to education, Juvenile justice	100 students and 6 faculties

Sr.No.	Type of activity	Duration	Details of Activity	No of Participants (Faculty & Students)
			act, 23 rd August 2014	
			5. A Guest lecture on 'Art of Living'	100 students and
			5 th September 2014	6 faculties
			6. A one week personality	100 students and
			development program 10 th to 15 th Sep 2014.	6 faculties
			7. A Guest lecture on Reformation Indian Economy (Arthkranti) 16 th September 2014	100 students and 6 faculties
			8. Essay competition 17 th of September 2014	100 students and 6 faculties
			9. Swachha Bharat abhiyan 2 nd October 2014	100 students and 6 faculties
			10. A cloth collection and distribution program 22 to 24 January	100 students and 6 faculties
			11. A cleanliness program 27 th January 2015	100 students and 6 faculties
			12. An essay and Poster competition 7 th March 2015	100 students and 6 faculties
			13. One week NSS camp: At. Po.	100 students and
			Kokamthan 01 to 07 December 2014	6 faculties
4	ACES	2014-15	1. Book Distribution	Approx 8 students
			2. Collection Drive	Approx. 30 students
			3. Snehalaya Visit	3staff 49 Students
5	NSS	2013-14	1. Orientation Program, 14 th August 2013	100 students and 6 faculties
			2. Tree plantation Program, 15 th August 2013	100 students and 6 faculties
			3. Guest Lecture on How to change	100 students and
			our way of life to get success 23 rd Sep, 2013	6 faculties
			4. NSS Day Celebration	100 students and
			24 th September 2013	6 faculties
			5. Quiz Competition 24 th Sep 2013	100 students and 6 faculties
			6. Essay competition 25 th Sep, 2013	100 students and 6 faculties
			7. Poster competition 26 th Sep, 2013	100 students and 6 faculties
			8. A one day workshop on	100 students and
			Personality development and Hypnotism, 1 st Jan 2014	6 faculties
			9. Organisation of Marathon 19 th Jan 2014	100 students and 6 faculties
			10. Guest lecture on Role of youth	100 students and

Sr.No.	Type of	Duration	Details of	No of
Sr.No.	Type of activity	Duration	Activity	Participants (Faculty & Students)
			in building national economy 24 Feb 2014	6 faculties
			11 . One week NSS camp: At. Po. Sonewadi 01 to 07 December 2013	100 students and 6 faculties
6	ACES	2013-14	Cloth Collection Camp	Approx. 30 students; 2 staff
			2. Expert Lecture on "Preparing India to be a Global Leader"	150 students; 10 staff
7	NSS	2012-13	1. Orientation Program, 24 th of August 2012	100 students and 6 faculties
			2. Tree plantation Program, 8 th Sept. 2012	100 students and 6 faculties
			3. Guest Lecture on Wonders of Attitude 02 Sep 2012	100 students and 6 faculties
			4. NSS Day Celebration 24 th September 2012	100 students and 6 faculties
			5. A poster competition 18 th Dec, 2012	100 students and 6 faculties
			6. Youth week celebration 12 Jan to	100 students and
			7. Organisation of Marathon 20 th Jan	6 faculties 100 students and
			8. One week NSS camp: At. Po. Khirdi Ganesh 11 to 17 December 2012	6 faculties 100 students and 6 faculties
8	ACES	2012-13	Organized a "Old-Clothes Collection Drive" of old usable things under ACES, on the occasion of Swami Vivekananda's 150 th Birth Anniversary on 12 th Jan 2013.	Faculties: 01 Students: 27
9	Dhruva	2015-16	Organized a "Collection Drive" of old usable things in Kopargaon on 3 rd and 4 th Jan 2015, in association with Snehalaya	Faculties: 02 Students: 67
			2. Organized a social visit to Snehalaya, Ahmednagar along with 54 students on 8 th Jan 2015.	Faculties: 02 Students: 67
10	Dhruva	2014-15	1. Organized a "Collection Drive" of old usable things in college on 28th & 29th Dec 2014, in association with Snehalaya (a famous social project) in Ahmednagar.	Faculties: 01 Students: 64
		<u> </u>	Organized a "Collection Drive"	Faculties: 01

Sr.No.	Type of activity	Duration	Details of Activity	No of Participants (Faculty & Students)
			of old usable things in Kopargaon on 30 th Dec for helping the less privileged people in Snehalaya, Ahmednagar	Students: 64
			3. Organized a social visit to Snehalaya, Ahmednagar along with 55 students on 31st Dec 2014.	Faculties: 01 Students: 55
11	Dhruva	2013-14	1. Organized a visit of 52 students to SNEHALAYA, Ahmednagar for Shramdaan on 29 th Dec 2013.	Faculties: 02 Students: 52
			2. Organized a "Old-Clothes Collection Drive" of old usable things under ACES on 28 th Dec 2013, on the occasion of Baba Amte's 100 th Birth Anniversary Year.	Faculties: 01 Students: 56
12	Dhruva	2012-13	Organized a "Old-Clothes Collection Drive" of old usable things under ACES, on the occasion of Swami Vivekananda's 150 th Birth Anniversary on 12 th Jan 2013.	Faculties: 01 Students: 27
13	Vidyarthini Arogya	2015-16	1. Lecture on "Depression"	13 Girl Students
	Prabhodan Program		2. Lecture on "Stress Management"	3 Girl Students, 1 Staff
			3. Lecture on "Gender Serialization with intro to laws & regulations"	42 Girl Students; 21 Staff
			4. Lecture on "Self Defense"	19 Girl Students, 2 Staff
14	Vidyarthini Arogya Prabhodan Program	2014-15	Balancing Study or career and personal responsibilities Lecture on "Personal & Community Hygiene"	145 students; 3 Staff 50 Girls, 3 staff
15	Hemoglobin Detection Camp	2015-16	Hemoglobin Detection for Girls	Approx. 133 Girls;4 Staff
16	Hemoglobin Detection Camp	2014-15	Hemoglobin Detection for Girls	Approx. 100 Girls;2 Staff
17	Hemoglobin Detection Camp	2013-14	Hemoglobin Detection for Girls	Approx. 166 Girls;3 Staff

35. SWOC analysis of the department and Future plans

* Strengths

- 1) NBA Accredited (Thee times).
- 2) Good faculty-students interaction.
- 3) Good working environment with strong teaching learning.
- 4) Qualified faculty.
- 5) Committed Technical supporting staff.
- 6) Effective Teaching –Learning Process.
- 7) Good computing facility.
- 8) Good infrastructural facility.
- 9) Good Alumni Network.

* Weakness

1) Consultancy need to improve.

* Opportunities

- 1) Research and development.
- 2) Research funding from external agencies.
- 3) Collaboration with reputed industries.
- 4) Enhancement in consultancy & IPR submission.

* Challenges

- 1) Cope with the fast changes in technology.
- 2) To work on Patents and Copyrights.
- 3) Placement in multinational companies.
- 4) Attracting good, meritious students.

* Future Plan

- 1) Enhancement of student employability.
- 2) To strengthen S/W Consultancy cell.
- 3) To start Incubation center with the help of Alumni.
- 4) To start Ph.D Center.
- 5) Funded research projects with collaboration of govt. and private organization.
- 6) Establishing MoUs with National /International, academic /research organization.
- 7) To conduct International Conference.

Self Study Report [SSR]

Department of E& 7C Engineering







Self Study Report [SSR]

Evaluative Report

Department of Electronics & Telecommunication Engineering

- 1. Name of the department: Electronics & Telecommunication Engineering
- 2. Year of Establishment: 1983
- 3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., and Integrated Masters; Integrated Ph.D., etc.):

Bachelor of Engineering (Electronics & Telecommunication)

Master of Engineering (Electronics - Digital Systems)

Ph.D. in Electronics & Telecommunication

4. Names of Interdisciplinary courses and the departments/units involved:

YEAR	Semester	Course Code	SUBJECT	DEPARTMENT
		107001	Engineering Mathematics-I	Engineering Science
		107002	Engineering Physics	Engineering Science
		107009	Engineering Chemistry	Engineering Science
First Year	I	102006	Engineering Graphics -I	Mechanical Engineering
Engineering		110003	Fundamentals of Programming Languages –I	Computer Engineering
		101005	Basic Civil and Environmental Engineering	Civil Engineering
		111007	Workshop Practice	Mechanical Engineering
		107008	Engineering Mathematics-II	Engineering Science
First Year Engineering	II	102013	Basic Mechanical Engineering	Mechanical Engineering
		101011-	Engineering Mechanics	Civil Engineering
		102014	Engineering Graphics II	Mechanical Engineering

YEAR	Semester	Course Code	SUBJECT	DEPARTMENT
		110010	Fundamentals of Programming Languages -II	Information technology
Second Year Engineering	I	207005	Engineering Mathematics-III	Engineering Science

5. Annual/ semester/choice based credit system (programme wise):

UG: Credit system by SPPU, Pune.

PG: Credit system by SPPU, Pune.

Ph. D: Credit System for course work by SPPU, Pune.

6. Participation of the department in the courses offered by other departments:

Sr. No.	YEAR	Course Code	SUBJECT	DEPARTMENT
1.	First Year	103004	Basic Electrical Engineering	Computer Engineering, Mechanical Engineering, Civil Engineering, Information Technology
2.	First Year	104012	Basic Electronics Engineering	Computer Engineering, Mechanical Engineering, Civil Engineering, Information Technology
3.	Second Year	203152	Electronics and Electrical Engineering	Mechanical Engineering

7. Courses in collaboration with other Universities, Industries, foreign Institutions, etc.:

Sr. No.	Name of Industries / Institutes	Programmae		
1	e-Prayog- National Mission on Education through ICT, MHRD, GOI, IIT Bombay, Mumbai	Nodal Centre, Virtual Lab, Workshop and Training Programs on: a. Reconfigurable Hardware b. Scilab		
2	e- Yantra, National Mission on Education through ICT, MHRD, GOI, IIT Bombay, Mumbai	e-Yantra Embedded Systems & Robotics lab, Workshop and Training Programs on Robotics		
3	Spoken Tutorial, National Mission on Education through ICT, MHRD, GOI, IIT Bombay, Mumbai	Super Resource Centre, Knowledge Hub, Workshop and Training Programs on: a. Linux b. Latex c. Scilab d. C, C++, Java		
4	Copper Track Industries, MIDC, Ambad, Nashik	Workshop on PCB Manufacturing		

- 8. Details of courses / programmes discontinued (if any) with reasons: NIL
- 9. Number of teaching posts:

	Sanctioned	Filled	
Professors	04	03	
Associate Professors	08	05	
Asst. Professors	23	29	

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

Name of Faculty	Qualification	Designation	Specialization	Experience (Years)	No. of Ph.D. Scholers guided for the last 4 years
Dr. D. N. Kyatanavar	ME(Elex) Ph.D.	Professor	Electronics	33	02
Dr. B. S. Agarkar	M.Tech (EDT), Ph.D.	Professor	Electronic Design and Technology	27	
Prof. R. G. Zope	M.Tech (EDT)	Professor	Electronic Design and Technology	27	
Prof. S. George	MS (E&C)	Associate Professor	Instrumentation & Control	29	
Prof. N. D. Kapale	ME (Elex.)	Associate Professor	Electronics	18	
Dr. B. R. Shinde	M.Sc. Ph.D.	Associate Professor	Physics	24	
Dr. N. V. B. Narendra	M.Sc. Ph. D.	Associate Professor	Mathematics	17	
Prof. S. S. Khatavkar	MS	Associate Professor	Opto-Electronics	12	
Mr. B. S. Kulkarni	ME (Electrical Engg.)	Assistant Professor	Power Systems	29	
Mr. N. Y. Siddiqui	ME (Elex.)	Assistant Professor	Electronics	16	
Mr. D. G. Lokhande	ME(Telex)	Assistant Professor	Electronics	16	
Mr. M. A. Sayyad	ME (Elex.)	Assistant Professor	Electronics	16	
Mr. N. K. Darwante	ME(Elex), MBA(M)	Assistant Professor	Electronics	11	
Mr. G. A. Bhatane	ME(E&Tc)	Assistant Professor	VLSI & Embedded systems	14	
Mr. N. I. Bhopale	ME(Elex)	Assistant Professor	Electronics	10	
Mr. A. A. Kondekar	ME (Elex.)	Assistant Professor	Digital Electronics	10	
Mr. P.V. Thokal	ME(EPS)	Assistant Professor	Electrical Power Systems	9	
Mr. S. S. Kulkarni	ME (Elex.)	Assistant Professor	Electronics	8	
Mr. Y. R. Khandekar	ME (Elex.)	Assistant Professor	Digital Systems	7	
Mr. P. M. Vibhute	ME (Elex.)	Assistant Professor	Digital Systems	6	
Mr. Sidhant S. Kulkarni	M.Tech (EDT)	Assistant Professor	Electronic Design and Technology	6	
Mr. C.P.Pawar	M.Tech (Elex.)	Assistant Professor	VLSI System Design	11	

Name of Faculty	Qualification	Designation	Specialization	Experience (Years)	No. of Ph.D. Scholers guided for the last 4 years
Mr. S.K.Gupta	M.Tech (Elex.)	Assistant Professor	VLSI Design	4	
Ms. S.D.Dhere	M.Tech (Elex.)	Assistant Professor	Embedded Systems	5	
Mr. D. P. Mahurkar	ME (Elex.)	Assistant Professor	Electronics	15	
Mr. P.S.Kurhe	ME (Elex.)	Assistant Professor	Electronics	5	
Mr. A.S. Bhalaria	ME (Elex.)	Assistant Professor	VLSI Design	6	
Ms. S.S. Gondkar	ME (Elex.)	Assistant Professor	Digital Systems	6	
Mr. S. V. Chaudhari	ME (Elex.)	Assistant Professor	Digital Systems	11	
Mr. S.S.Pawar	ME(Elex)	Assistant Professor	Digital Systems	8	
Mr. R. N. Hazare	ME(Electrical)	Assistant Professor	Ele. M/c & Drives	2	
Mr.G.A.Chavan	ME(E&Tc)	Assistant Professor	VLSI &Embedded Systems	8	
Mr. M. T. Shinde	M.Tech (Electrical)	Assistant Professor	Power Systems	6	
Ms S.R.Chutake	ME(E&Tc)	Assistant Professor	VLSI &Embedded Systems	5	
Mr. M. A. Inamdar	ME (Elex.)	Assistant Professor	Digital Systems	7	
Ms. S. N. Jain	M.Sc.	Assistant Professor	Mathematics	3	
Ms. V. A. Jundale	M.Sc.	Assistant Professor	Physics	5	

11. List of senior visiting faculty: Nil

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : Nil

13. Student - Teacher Ratio (programme wise):

UG: 14.12:1

PG: 12:1

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

Staff	Sanctioned	Filled
Technical Assistant	6	6
Lab Assistant	2	2
Lab Attendant	1	1
Peon	5	5

Technical supporting and administrative staff:

Sr. No.	Name of Staff	Qualification	Designation
1	Mr. A. W. Kekan	DETE	Technical Assistant
2	Mr. D. V. Gawali	DETE	Technical Assistant
3	Mr. N. D. Kape	DETE	Technical Assistant
4	Mr. M. R. Shimpi	DETE	Technical Assistant
5	Mr. P. J. Bharud	DETE	Technical Assistant
6	Mr. A. S. Agale	DIT	Technical Assistant
7	Mr. S. G. Hande	DCM	Lab Assistant
8	Mr. R. S. Warkad	ITI	Lab Assistant
9	Mr. E. D. Chavan	ITI	Lab Attendant
10	Mr. R.R.Chine	SSC	Peon
11	Mr. D.S Chaudhari	SSC	Peon
12	Mr. S.V.Niphade	SSC	Peon
13	Mr. S.R.Phade	9 th standard	Peon
14	Mr. D.B.Bhangude	BA(Appeared)	Peon

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

Sr. No.	Qualification	Total Faculty
1.	Ph.D.	4
2.	PG	34

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:

Sr. No.	Name of Faculty	Amount (Rs)	Name of the funding agency	Title of the project	Duration
1	Mr. P. M. Vibhute	1,65,000=00	BCUD, SPPU, Pune	Image Processing on Mobile Platform for application of OCR.	2014 To 2016

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received:

Sr. No.	Name of Faculty	Amount(Rs)	Name of Funding Agency	Title of project	Duration
1	Mr. K. S. Sharma	130000=00	BCUD, SPPU, Pune	Implementation of FRS on Texas DM6437 processor.	2013- 2015
2	Prof. S. George	100000=00	BCUD, SPPU, Pune	Parameter stabilization in sugar industry to improve steam & fuel economy & quality of sugar.	2010- 2012
3	Prof. N. D. Kapale	50000=00	BCUD, SPPU, Pune	Automated electrical conversion system.	2010- 2012
4	Mr. M. S. Patil	100000=00	BCUD, SPPU, Pune	Power factor correction in single phase AC to DC converter.	2009- 2010

18. Research Centre /facility recognized by the University:

PG Research centre recognized by Savitribai Phule Pune University, Pune.

19. Publications:

a) Publications of faculty

Faculty of the department has published research papers in reputed national and international journals and conference proceedings.

Sr.No.	Name of Faculty	Total number of publications
1	Dr. D. N. Kyatanavar	64
2	Dr. B. S. Agarkar	15

Sr.No.	Name of Faculty	Total number of publications
3	Prof. R. G. Zope	38
4	Prof. S. George	30
5	Prof. N. D. Kapale	10
6	Mr. N. Y. Siddiqui	06
7	Mr. D. G. Lokhande	08
8	Mr. M. A. Sayyad	05
9	Mr. K. S. Sharma	05
10	Mr. N. K. Darwante	02
11	Mr. G. A. Bhatane	02
12	Mr. N. I. Bhopale	03
13	Mr. A. A. Kondekar	01
14	Mr. P. V. Thokal	02
15	Mr. Shailesh S. Kulkarni	02
16	Mr. P.M.Vibhute	11
17	Mr. Sidhant .S.Kulkarni	05
18	Mr. C.P.Pawar	02
19	Mr. S. K. Gupta	01
20	Ms. S. D. Dhere	01
21	Mr. D. P. Mahurkar	01
22	Mr. P. S. Kurhe	02
23	Mr. A. S. Bhalaria	03
24	Mrs. S. S. Gondkar	02
25	Mr. A. S. Chavan	08
26	Mr. S. S. Pawar	11
27	Mr. R. N. Hajare	01
28	Dr. B. R. Shinde	04
29	Mr. S. R. Chutake	01
30	Mr. G. A. Chavan	01
31	Mr. M. A. Inamdar	01

*Number of papers published in peer reviewed journals (national /international) by faculty and students: 45

**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.): 128 * Monographs: Nil

* Chapter in Books: Nil

* Books Edited: Nil

* Books with ISBN/ISSN numbers with details of publishers: Nil

* Citation Index: Max: 30

* SNIP: Nil

* SJR: Nil

* Impact factor: Max : 3.5

* h-index: Max: 03

20. Areas of consultancy and income generated: Nil

21. Faculty as members in

a) National committees:

Sr.	Name of Faculty	Name of journal/conference	Designation
No.		proceedings	
1	Dr. D. N. Kyatanavar	Local Inquiry Committee	Chairman
		Staff Selection Committee	
		SPPU, Pune (Formerly	Chairman
		University of Pune)	
2	Dr. B. S. Agarkar	Local Inquiry Committee	Chairman and
			Member
		Staff Selection Committee	
		SPPU, Pune (Formerly	Member
		University of Pune)	
3	Prof. R. G. Zope	Local Inquiry Committee	Member
		Staff Selection Committee	
		SPPU, Pune (Formerly	Member
		University of Pune)	
4	Prof. S. George	Local Inquiry Committee	Member
		Staff Selection Committee	
		SPPU, Pune (Formerly	Member
		University of Pune)	

b) International Committees: Nil

c) Editorial Boards:

Sr.No	Name of Faculty	Name of journal/conference proceedings	Designation	year
1	Dr. B. S. Agarkar	International conference ICRTET-2014	Reviewer	2014
2	Dr. B. S. Agarkar	International conference ICRTET-2014	Session chair	2014
3	Dr. B. S. Agarkar	EPGCON-2014	Session chair	2014
4	Prof. R. G. Zope	EPGCON-2014	Session chair	2014
5	Prof. R. G. Zope	National conference NCONPG-2016	Reviewer	2016
6	Prof. R. G. Zope	IEEE SCEEECS	Reviewer	2014
7	Prof. S. George	National conference NCONPG-2016	Reviewer	2016
8	Prof. S. George	IEEE International conference on Information Processing	Reviewer	2015
9	Prof. S. George	International conference ICRTET-2015	Session chair	2015
10	Prof. S. George	Sanjivanivision 2013 Souvenir	Editor	2013
11	Prof.N.Y. Siddiqui	National conference NCONPG-2016	Reviewer	2016
12	Prof.N.Y. Siddiqui	National event TECHFEST 2012	Chair person	2012
13	Prof. D.G. Lokhande	International conference ICRTET-2016	Reviewer	2016
14	Prof. P.M. Vibhute	International conference ICRTET-2016	Reviewer	2016
15	Prof. K.S. Sharma	National conference NCONPG-2016	Reviewer	2016

22. Student projects

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

Sr No.	Academic Year	In-house projects (%)		
		Departmental	Interdepartmental	
1	2012-2013	94.12	00	
2	2013-2014	84.61	00	
3	2014-2015	82.50	00	
4	2015-2016	82.61	00	
5	2016-2017	97.44	00	

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies:

Sr. No.	Academic Year	Outside projects (%)
1	2012-2013	05.88
2	2013-2014	15.38
3	2014-2015	17.50
4	2015-2016	17.39
5	2016-2017	2.56

23. Awards / Recognitions received by faculty and students:

a. Awards / Recognitions received by Faculty:

Sr.	Name of	Awards/Recognitions	Year	Organization	Details
No	Faculty				
1	Prof.Sidhant	Class A award for	2016	IIT, Bombay	e-Yantra
	S. Kulkarni	completion of Task			Initiative
		Based Training			
		(TBT2016) program.			
2	Prof. Ananta	Class A award for	2016	IIT, Bombay	e-Yantra
	S. Chavan	completion of Task			Initiative
		Based Training			
		(TBT2016) program.			
3	Prof. R.G.	MISSION 10X	2010	WIPRO	In pursuit of
	Zope	Certification in			excellence in
		teaching and learning			Engineering
					Education
					through
					Innovation
4	Prof. N.Y.	MISSION 10X	2010	WIPRO	In pursuit of
	Siddiqui	Certification in			excellence in
		teaching and learning			Engineering
					Education
					through
					Innovation
5	Prof. N. D.	MISSION 10X	2011	WIPRO	In pursuit of
	Kapale	Certification in			excellence in
		teaching and learning			Engineering
					Education
					through
					Innovation

b. Awards / Recognitions received by Students:

	T	Т.	Academic Year		T
Sr. No	Name of Student	Awards / Recognition s	Organization	Details	Level
1	Tanmayee Salunke	1 st Prize	SNDCOE, Yeola	INFERNO-2K17, Debate	National
2	Tanmayee Salunke	2 nd Prize	SNDCOE, Yeola	INFERNO-2K17, Paper Presentation	National
3	Madhura Raul	2 nd Prize	SNDCOE, Yeola	INFERNO-2K17, Paper Presentation	National
4	Madhura Raul	1 st Prize	SNDCOE, Yeola	INFERNO-2K17, Debate	National
5	Kiran Gadhave	1 st Prize	GCOE, Avasari	Abinitio-2K17, Line Tracer Robot	National
6	Rushikesh Handi	1 st Prize	GCOE, Avasari	Abinitio-2K17, Line Tracer Robot	National
7	Kiran Gadhave	2 nd Prize	GCOE, Avasari	Abinitio-2K17, Robo Race	National
8	Rushikesh Handi	2 nd Prize	GCOE, Avasari	Abinitio-2K17, Robo Race	National
9	Govinda Gaikwad	1 st Prize	Sandip University, Nashik	Aayaam-2017, Imlonix2K17	National
10	Kiran Gadhave	1 st Prize	Sandip University, Nashik	Aayaam-2017, Imlonix2K17	National
11	Vinayak Jagtap	1 st Prize	Sandip University, Nashik	Aayaam-2017, Imlonix2K17	National
12	Hrushikesh Handi	1 st Prize	PREC, Loni	Pricision-2017, Robowar	National
13	Kiran Gadhave	1 st Prize	PREC, Loni	Pricision-2017, Robowar	National
14	Pratiksha Lakare	1 st Prize	RSCOE, Pune	Gandharv, Dance competition	State
15	Abhishek Bhosale	Best Rookie Award	MIT, Pune	Robocon - 2017	National
16	Nilesh Shendurkar	Best Rookie Award	MIT, Pune	Robocn- 2017	National
17	Shubham Aher	Best Rookie Award	MIT, Pune	Robocn- 2017	National
18	Kiran Gadhave	Best Rookie Award	MIT, Pune	Robocn- 2017	National
19	Simran	Best Rookie	MIT, Pune	Robocn- 2017	National

	Sukhawani	Award			
20	Jayashri Shinde	Best Rookie	MIT Dung	Robocn- 2017	National
	•	Award	MIT, Pune		
21	Kaveri Salunke	Best Rookie Award	MIT Pune	Robocn- 2017	National
22	Komal Bansode	2 nd Prize	PREC, Loni	Pricision-2017, Ad mad show	National
23	Sonal Adhav	2 nd Prize	PREC, Loni	Pricision-2017, Ad mad show	National
24	Mangesh Surase	2 nd Prize	PREC Lloni	Pricision-2017, Ad mad show	National
25	Shivam Barahate	1 st Prize	PREC, Loni	Pricision-2017, Quiz	National
26	Shubham Bhavsar	2 nd Prize	PREC, Loni	Pricision-2017, Ad mad show	National
27	Sayyad Ayesha	1 st Prize	PREC, Loni	Pricision-2017, Paper presentation	National
28	Pachore Mayri	1 st Prize	PREC, Loni	Pricision-2017, Paper presentation	National
29	Pallavi Nawale	1 st Prize	PREC, Loni	Pricision-2017, Paper presentation	National
30	Arti Nawale	1 st Prize	PREC, Loni	Pricision-2017, Paper presentation	National
31	Tanmayee Salunke		SCOE, Kopargaon	Techno- Sanjivani 2017, Project exhibition	Institute
32	Madhura Raul		SCOE, Kopargaon	Techno- Sanjivani 2017, Project exhibition	Institute
33	Gokul Sangale		SCOE, Kopargaon	Techno- Sanjivani 2017, Project exhibition	Institute
34	Pradeep Sangale	1 st Prize	SCOE, Kopargaon	Techno- Sanjivani 2017, Project exhibition	Institute
35	Sagar Kapre	1 st Prize	CDGI, Indore	Citronics-2K17, Maze solver	National
36	Kishor Datir	1 st Prize	CDGI, Indore	Citronics-2K17, Maze solver	National
37	Abhilash Desai	1 st Prize	CDGI, Indore	Citronics-2K17, Maze solver	National

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58	Khadangale	1 st Prize	AVCOE,	Chemcoalesce-	National
	Rupali		Sangamner	2K17,	
				Paper	
				presentation	
59	Kolpe Sonali	1 st Prize	AVCOE,	Chemcoalesce-	National
	1		Sangamner	2K17,	
				Paper	
				presentation	
60	Kothawade	1 st Prize	AVCOE,	Chemcoalesce-	National
	Sonali		Sangamner	2K17,	
				Paper	
				presentation	
61	Abhijeet Kulat	3 rd Prize	COEP, Pune	MindSpark'16	National
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				destroy	
62	Sameer Kape	3 rd Prize	COEP, Pune	MindSpark'16	National
-			, , , , , , , , , , , , ,	Search n	
				destroy	
63	Vaibhav Billade	3 rd Prize	COEP, Pune	MindSpark'16	National
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				destroy	
64	Pradeep Sangale	3 rd Prize	COEP, Pune	MindSpark'16	National
04	Tradeep Sangare	3 THZC	COLI, i une	Search n	rational
				destroy	
65	Jape Akshay	2 nd Prize	MET, Nashik	METEORITE'16,	National
0.5	Jape Aksilay	2 11120	WILT, Nasilik	Circuit	Ivational
				debugging	
66	Vinayak Jagtap	2 nd Prize	MET, Nashik	METEORITE'16,	National
00	v mayak Jagtap	2 11120	IVIL'1, INASHIK	Circuit	Ivational
				debugging	
67	Dnyneshwar	2 nd Prize	MET, Nashik	METEORITE'16,	National
07	Jagtap	2 11120	WILT, Nasilik	Circuit	Ivational
	Jagup			debugging	
68	Tanmayee	2 nd Prize	AVCOE,	Technoamrut	National
00	Salunke	2 FIIZE	Sangamner	2K16,	rational
	Salulike		Sanganinei	Paper	
				presentation	
69	Madhura Raul	2 nd Prize	AVCOE,	Technoamrut	National
	Madiuia Kaui	2 11120	Sangamner	2K16,	Tational
			Sangannion	Paper	
				presentation	
70	Madhura Raul	1 st Prize	AVCOE,	Technoamrut	National
, 0			Sangamner	2K16,	1.44101141
			2 8	Paper	
				presentation	
71	Pradeep Sangale	1 st Prize	MIT COE,	Tesla Infinism-	National
-	The same		Pune	2016,	
				Line Tracer	
72	Abhijeet Kulat	1 st Prize	MIT COE,	Tesla Infinism-	National
-			Pune	2016,	
				Line Tracer	
	I	1	I		

73	Sameer Kape	1 st Prize	MIT COE, Pune	Tesla Infinism- 2016, Line Tracer	National
74	Shubham Gaikwad	1 st Prize	SCOE, Kopargaon	Sanjivani Tech- Fest-2016, Extempore	Institute
75	Sagar Kapre	1 st Prize	MIT Pune	SUMMIT-16, Baseball	National
76	Jape Akshay	2 nd Prize	MET COE, Nashik	Meteorite'16, Circuit debugging	State
77	Jagtap Vinayak	2 nd Prize	MET COE, Nashik	Meteorite'16, Circuit debugging	State
78	Pratik Gite	2 nd Prize	SCOE, Kopargaon	Sanjivani Tech- Fest-2016, Technical Quiz	Institute
79	Pratiksha Ugale	2 nd Prize	SCOE, Kopargaon	Sanjivani Tech- Fest-2016, Technical Quiz	Institute
80	Avinash Jadhav	1 st Prize	SCOE, Kopargaon	Sanjivani Tech- Fest-2016, Technical Quiz	Institute
81	Vishal More	1 st Prize	SCOE, Kopargaon	Sanjivani Tech- Fest-2016, Technical Quiz	Institute
82	Shrirang Kadam	1 st Prize	SCOE, Kopargaon	Sanjivani Tech- Fest-2016, Circuitrix	Institute
83	Mayuri Mote	1 st Prize	SCOE, Kopargaon	Sanjivani Tech- Fest-2016, Surf n Present	Institute
84	Snehal Kolpe	1 st Prize	SCOE, Kopargaon	Sanjivani Tech- Fest-2016, Surf n Presen	Institute
85	Shubham Bhavsar	2 nd Prize	SCOE, Kopargaon	Sanjivani Tech- Fest-2016, Group discussion	Institute
86	Madhura Raul	1 st Prize	SCOE, Kopargaon	Sanjivani Tech- Fest-2016, Group discussion	Institute
87	Kadam Sakshi	2 nd Prize	SCOE, Kopargaon	Sanjivani Tech- Fest-2016, E xtempore	Institute

Academic Year 2015-16						
Sr.No.	Name of Student	Awards / Recognitions	Organization	Details	Level	
1	Kale Sachin	3 rd Prize	COEP, Pune	Mindspark-2015 search n destroy	National	
2	Kape Sameer	3 rd Prize	COEP, Pune	Mindspark-2015 search n destroy	National	
3	Jadhav Rajendra	3 rd Prize	COEP, Pune	Mindspark-2015 search n destroy	National	
4	Kamble Abhishek	3 rd Prize	COEP, Pune	Mindspark-2015 search n destroy	National	
5	Madhura Raul	1 st Prize	AISSMS College of Engg., Pune	13 th ISTE Maharashtra – Goa statelevel students, Convention 2015	National	
6	Tanvira Sayyad	1 st Prize	AISSMS College of Engg., Pune	13 th ISTE Maharashtra – Goa state level students, Convention 2015	National	
7	Tanmayee Salunke	1 st Prize	AISSMS College of Engg., Pune	13 th ISTE Maharashtra – Goa state level students, Convention 2015	National	
8	Saloni Shah	3 rd Prize	JIT, Nashik	Project competition	National	
9	Amreen Sheikh	3 rd Prize	JIT, Nashik	Project competition	National	
10	Jayashri Shinde	3 rd Prize	JIT, Nashik	Project competition	National	
11	Grime Dhanashri	2 nd Prize	PREC, Loni	Paper presentation	State	
12	Khaire Gayatri	2 nd Prize	PREC, Loni	Paper presentation	State	
13	Vinod Pharpat	1 st Prize	PREC, Loni	Debate competition	National	
14	Vinod Pharpat	2 nd Prize	PREC, Loni	Extempore competition	National	
15	Ghodge Nilam	2 nd Prize	PREC, Loni	Project competition	National	
16	Gite Pratik	2 nd Prize	PREC, Loni	Project competition	National	
17	Gawali sagar	2 nd Prize	PREC, Loni	Project competition	National	
18	Tanmayee Salunke	1 st Prize	PREC, Loni	Face Painting	National	
19	Madhura Raul	1 st Prize	PREC, Loni	Face Painting	National	
20	Chepuri Srivivek	2 nd Prize	PREC, Loni	Paper presentation	National	
21	Adhav Sonali	1 st Prize	PREC, Loni	Admad show	National	
22	Bhavsar Shubham	1 st Prize	PREC, Loni	Admad show	National	
23	Bansode Amruta	1 st Prize	PREC, Loni	Admad show	National	

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24	Mahajan Neha	1 st Prize	PREC, Loni	Admad show	National
25	Surase Mangesh	1 st Prize	PREC, Loni	Admad show	National
26	Bansode Komal	1 st Prize	PREC, Loni	Admad show	National
27	Sangale Pradeep	1 st Prize	SRES COE, Kopargaon	Roborace	National
28	Kape Sameer	1 st Prize	SRES COE, Kopargaon	Roborace	National
29	Kulat Abhijit	1 st Prize	SRES COE, Kopargaon	Roborace	National
30	Sameer N. Kape		IIT, Bombay	e-Yantra Initiative	National
31	Abhishek S. Kambale	Completion certificate for e-Yantra Robotics	IIT, Bombay	e-Yantra Initiative	National
32	Sachin B. Kale	Competition (eYRC 2015) program.	IIT, Bombay	e-Yantra Initiative	National
33	Chaitnya N.Jadhav		IIT, Bombay	e-Yantra Initiative	National
34	Autade Tejaswini	2 nd Prize	SRESCOE, Kopargaon	Handball	Intercollegiate
35	Yadav Rajkumar	2 nd Prize	SRESCOE, Kopargaon	Handball	Intercollegiate
36	Agam Kunal	2 nd Prize	SRESCOE, Kopargaon	Softball	Intercollegiate
37	Khandagale Vaibhav	2 nd Prize	SRESCOE, Kopargaon	Softball	Intercollegiate

	Academic Year 2014-15						
Sr.No.	Name of Student	Awards / Recognitions	Organization	Details	Level		
1	Pawan Patil	1 st Prize	MET, Nasik	Meteorite'2014 Circuit Debugging	National		
2	Deepak Bedse	1 st Prize	MET, Nasik	Meteorite'2014Circuit Debugging	National		
3	Haribhau Padir	1 st Prize	MET, Nasik	Meteorite'2014Circuit Debugging	National		
4	Jagtap Vaishnavi	3 rd Prize	PREC, Loni	International Robotics Challenge	National		
5	Mohish Kulkarni	3 rd Prize	Shri Sai Baba Institute of Engg., Rahata	TRANSFO-TECH 2K14 Poster Presentation	National		
6	Swapnil Shinde	1 st Prize	AVCOE, Sangamner	Techunique 2K15 Paper Presentation	National		
7	Swapnil Tupe	1 st Prize	AVCOE, Sangamner	Techunique 2K15 Paper Presentation	National		
8	Dipak Pawar	1 st Prize	AVCOE, Sangamner	Techunique 2K15 Paper Presentation	National		
9	Aher Mahesh P.	1 st Prize	AVCOE, Sangamner	Techunique 2K15 Project Competition	National		

10	Aher Mahesh P.	3 rd Prize	JIT, COE, Nasik	Project Competition	National
11	Chaphekar Pravin D.	3 rd Prize	JIT, COE, Nasik	Project Competition	National
12	Landge Swapnil A.	3 rd Prize	JIT, COE, Nasik	Project Competition	National
13	Wagchoure Tejswini	3 rd Prize	JIT,COE, Nasik	Project Competition	National
14	Mahesh P. Kulkarni	1 st Prize	PREC, Loni	Paper Presentation	National
15	Minakshi D. Mahajan	1 st Prize	PREC, Loni	Paper Presentation	National
16	Kale Abhishek	1 st Prize	Govt. COE, Jalgaon	Line Follower Robot, Techno Arena 2015	National
17	Kale Sachin	1 st Prize	Govt. COE, Jalgaon	Line Follower Robot Techno Arena 2015	National
18	Kulat Abhijit	1 st Prize	Govt. COE, Jalgaon	Line Follower Robot Techno Arena 2015	National
19	Joshi Onkar	2 nd Prize	SGGS, Nanded	Line Follower Robot PRAGYAA-2015	National
20	Kambale Abhishek	2 nd Prize	SGGS, Nanded	Line Follower Robot PRAGYAA-2015	National
21	Kale Sachin	2 nd Prize	SGGS, Nanded	Line Follower Robot PRAGYAA-2015	National
22	Kulat Abhijit	2 nd Prize	SGGS, Nanded	Line Follower Robot PRAGYAA-2015	National
23	Sahane Monali	1 st Prize	SNDCOE, Yeola	Project Competition	National
24	Sambre Sayali	1 st Prize	SNDCOE, Yeola	Project Competition	National
25	Vaidya Bhagyashri	1 st Prize	SNDCOE, Yeola	Project Competition	National
26	Shelke Nishigandha	1 st Prize	SNDCOE, Yeola	Project Competition	National
27	Tambe Prajakta	2 nd Prize	Nasik	Dipex 2015, State Level Project Competition	State
28	Shaikh Shahewazarrine	2 nd Prize	Nasik	Dipex 2015, State Level Project Competition	State
29	Karad Rupali	2 nd Prize	Nasik	Dipex 2015, State Level Project Competition	State
30	Wagchoure Tejaswini	2 nd Prize	Nasik	Dipex 2015, State Level Project Competition	State
31	Agham Kunal	1 st Prize	Malpani College, Sangamner	Soft ball	Intercollegiate
32	Khandagale Vaibhav	1 st Prize	Malpani College, Sangamner	Soft ball	Intercollegiate
33	Inamdar Shabnam	1 st Prize	Dnaneshwar College, Newasa	Volly ball	Intercollegiate

	N e		emic Year 2013-14		1
Sr.No.	Name of Student	Awards/ Recognitions	Organization	Details	Level
1	Tidke Swati	2 nd Prize	AVCOE, Sangamner	Paper presentation	National
2	Adhav Arti	2 nd Prize	ACOE, Sangmner	Paper presentation	National
3	Sandesh Londhe	1 st Prize	IEM, Jalgaon	Techkrunch	National
4	Vivek Yadav	1 st Prize	IEM, Jalgaon	Techkrunch	National
5	Dharangonkar Vasudeo	1 st Prize	IEM, Jalgaon	Techkrunch	National
6	Govind Bhattad	1 st Prize	IEM, Jalgaon	Techkrunch	National
7	Bhandari Jhansilaxmi	3 rd Prize	MET, Nashik	Paper presentation	National
8	Ahirrao Sonali	3 rd Prize	MET, Nashik	Paper presentation	National
9	Bakale Priti	3 rd Prize	MET, Nashik	Paper presentation	National
10	Dhange Sagar	1 st Prize	VIIT, Pune	PERCEPTION TATTVA	National
11	Adhe Shreyas	1 st Prize	VIIT, Pune	PERCEPTION TATTVA	National
12	Dhange Sagar	1 st Prize	AVCOE, Sangamner	Techunique-2k14, Paper presentation	National
13	Mahale Bhagyashri	1 st Prize	AVCOE, Sangamner	Techunique-2k14, Paper presentation	National
14	Adhe Shreyas	1 st Prize	AVCOE, Sangamner	Techunique-2k14, Paper presentation	National
15	Shelke Nitin	1 st Prize	AVCOE, Sangamner	Techunique-2k14, Paper presentation	National
16	Patil Pawan	1 st Prize	AVCOE, Sangamner	Techunique-2k14, Pake & break	National
17	Padir Haribhau	3 rd Prize	AVCOE, Sangamner	Techunique-2k14, Pake & break	National
19	Gangwal Ankit	3 rd Prize	SCSCOE, Rahuri	Paper presentation	National
20	Mahajan Siddheshwar	3 rd Prize	SCSCOE, Rahuri	Paper presentation	National
21	Mahajan Pundlik	3 rd Prize	SCSCOE, Rahuri	Paper presentation	National
22	Satpute Mahesh	2 nd Prize	PDVVP COE, Ahmednagar	Techno excellence 14 paper presentation	National
23	Kulkarni Mahesh	2 nd Prize	PDVVP COE, Ahmednagar	Techno excellence 14, Paper presentation	National
24	Satpute Mahesh	1 st Prize	PREC, Loni	Paper presentation	National
25	Kulkarni Mahesh	1 st Prize	PREC, Loni	Paper presentation	National
26	Bakale Priti	1 st Prize	PREC, Loni	Junk Yard	National
27	Ahirrao Sonali	1 st Prize	PREC, Loni	Junk Yard	National
28	Bhandari Jhansilaxmi	1 st Prize	PREC, Loni	Junk Yard	National
29	Tupe Swapnali	3 rd Prize	PREC, Loni	Paper presentation	National
30	Adik Kunal	2 nd Prize	Govt. COE, Jalgaon	GENPEX 2014, Project exhibition & competition	National
31	Shinde Ashok	2 nd Prize	Govt.COE, Jalgaon	GENPEX 2014, Project exhibition & competition	State
32	Aher Mahesh	2 nd Prize	Govt. COE, Jalgaon	GENPEX 2014, Project exhibition & competition	State

33	Shinde Ashok	1 st Prize	PREC, Loni	Project Exhibition	National
34	Zinjal Sonal	1 st Prize	PREC, Loni	Project Exhibition	National
35	Nikam Sagar	1 st Prize	PREC, Loni	Project Exhibition	State
36	Kulkarni Mahesh	1 st Prize	PREC, Loni	Project Exhibition	National
37	Satpute Mahesh	1 st Prize	PREC, Loni	Project Exhibition	National
38	Tupe Swapnali	1 st Prize	PREC, Loni	Project Exhibition	National
39	Bakale Priti	1 st Prize	PREC, Loni	Project Exhibition	National
40	Ahirrao Sonali	1 st Prize	PREC, Loni	Project Exhibition	National
41	Bhandari Jansilaxmi	1 st Prize	PREC, Loni	Project Exhibition	National
42	Chitalkar Vrishali	2 nd Prize	SRES COE, Kopargaon	Technosanjivani 2014, Regional project exhibition	National
43	Chavan Jayshree	2 nd Prize	SRES COE, Kopargaon	Technosanjivani 2014, Regional project exhibition	National
44	Darade Renuka	2 nd Prize	SRES COE, Kopargaon	Technosanjivani 2014, Regional project exhibition	National
45	Gaikwad Payal	2 nd Prize	SRES COE, Kopargaon	Technosanjivani 2014, Regional project exhibition	National
46	Kokane Vishnu	2 nd Prize	SRES COE, Kopargaon	Technospire 2014, Circuit simulation	National
47	Ghuge Abhijit	1 st Prize	MIT, Pune	SUMMET, 2013 Baseball (Boys)	National
48	Kakade Akshay	1 st Prize	MIT, Pune	SUMMET, 2013 Baseball (Boys)	National

	Academic Year 2012-13							
Sr.No.	Name of Student	Awards/Re- cognitions	Organization	Details	Level			
1	Ranshinge Aditya	2 nd Prize	VACOE, Ahmednagar	Paper presentation	National			
2	Poman Tushar	2 nd Prize	VACOE, Ahmednagar	Paper presentation	National			
3	Popale Mangesh	2 nd Prize	SCSCOE, Rahuri	Circuit making	National			
4	Ghosalkar Avinash	2 nd Prize	SCSCOE, Rahuri	Circuit making	National			
5	Aher Mahesh	1 st Prize	AVCOE, Sangamner	Project competition	National			
6	Kadam	1 st Prize	AVCOE, Sangamner	Project	National			

	Sandip			competition	
7	Abhishek Tripathi	1 st Prize	AVCOE, Sangamner	Project competition	National
8	Adsure Arvind	1 st Prize	AVCOE, Sangamner	Project Competition	National
9	Aher Mahesh	1 st Prize	SCSCOE, Rahuri	Project Competition	National
10	Chandre Vikash	1 st Prize	SCSCOE, Rahuri	Project Competition	National
11	Sawant Pooja	1 st Prize	SCSCOE, Rahuri	Project Competition	National
12	Girme Nilesh	1 st Prize	SCSCOE, Rahuri	Project Competition	National
13	Sul Shrikant	2 nd Prize	Art , Com, SCi College, Sangmner	Softball Competition	State
14	Gole Dhavan	1 st Prize	SCOE, Kopargaon	Dance Competition	National
15	Gole Dhavan	1 st Prize	SCOE, Kopargaon	Aptitude Test	National
16	Girme N.L	1 st Prize	SCO, Kopargaon	Project Exhibition	National
17	Girme N.L	2 nd Prize	SCOE, Kopargaon	Basketball Competition	State
18	Somase Pravin	1 st Prize	New Arts, College Parner, Ahmednagar	Basketball Competition	State
19	Jagatap Laxman	1 st Prize	New Arts, College Parner, Ahmednagar	Baseball (Boys)	Intercollegiate
20	Ghuge Abhijit	1 st Prize	New Arts, College Parner, Ahmednagar	Baseball (Boys)	Intercollegiate
21	Kakade Akshay	1 st Prize	New Arts, College Parner, Ahmednagar	Baseball (Boys)	Intercollegiate
22	Patni Utkarsha	1 st Prize	Abasaheb Garware, College,Pune	Fencing (Girls)	Intercollegiate

24. List of eminent academicians and scientists / visitors to thedepartment:

Sr. No.	Name of the Academician/ Scientist	Date of conduction	Designation	Organization	Purpose of Visit
1.	Mr. S. K. Shelgaonkar	28/02/2017	Associate Vice President	Videocon Industries Ltd., Aurangabad	Industry Institute Interaction
2.	Mr. Mahendra Joshi	11/2/2017	Senior Project Manager	Catalyst Corporate Services, Mumbai	Industry Institute Interaction
3.	Mr. Yatin Trivedi	04/02/2017	Service Line Executive	Service Line Executive, Aricent Inc.	Industry Institute Interaction
4.	Mr. Ramakrishna Kappagantu	24/09/2016	Director	IEEE R10 (Asia Pacific)	Guest Lecture
5.	Mr. Milind Godbole	16/09/2016	MD	GeBBS Health care solutions, Mumbai	Industry Institute Interaction
6.	Mr. SachinSadare	03/09/2016	Visiting Faculty	IEEE Bombay chapter for IOT	Guest Lecture
7.	Mr. Anand Khobragade	02/09/2016	Resource Scientist	Maharashtra Remote Sensing Applications Centre (MRSAC), Nagpur	Guest Lecture
8.	Dr. Virendrakumar Bhavsar	16/3/2016	Professor	University of New Brunswick, Canada	Guest Lecture
9.	Dr. Vinit Kotak	12/02/2016	Secretary	IEEE, Bombay Section	Guest Lecture
10.	Mr. Ramakant Dabata	09/01/2016	Team leader	Accenture, Pune	Industry Institute Interaction
11.	Mr. Vasudeo Khelkar	19/12/2015	Engineer	Godrej Infotech Ltd., Mumbai	Industry Institute Interaction
12.	Mr. Vasim sheikh	21/08/2015	Engineer	MPTA, Pune	Guest Lecture
13.	Mr. Parmeshwar Nanaware	04/08/2015	Manager, Technical support	SEED Infotech, Pune	Guest Lecture
14.	Dr. Ajay Deshmukh	14/03/2015	Principal	D. A. College of Engineering, Karad	Guest Lecture
15.	Mr. Sachin Jadhav	07/03/2015	Engineer	Tata-teleservices, Aurangabad	Industry Institute Interaction
16.	Mr.Vishal Karade.	24/02/2015	CEO	SOFTEDGE IT Pvt. Ltd., Pune	Industry Institute Interaction
17.	Mr. Vishal Labde	07/07/2014	Engineer	Saitech Solutions, Pune	Industry Institute Interaction

Sr. No.	Name of the Academician/ Scientist	Date of conduction	Designation	Organization	Purpose of Visit
18.	Mr. Sachin Inamdar	15/02/2014	Director	Tricosys Solutions, Pune	Industry Institute Interaction
19.	Mr. Yogesh Agrawal	01/02/2014	Engineer	CDAC, Pune	Academic purpose Guest Lecture
20.	Mr. Nilkhant Bandal	10/01/2014	VP HR, Legal Admin	Asian Electronics Group of Industries, Nasik	Industry Institute Interaction
21.	Mr.Umar Lone	14/09/2013	CEO	PoashTechnol-ogies, Pune	Industry Institute Interaction
22.	Mr. Anthony Lobo	23/03/2013	Advisor CSR	TCS, Mumbai	Industry Institute Interaction

25. Seminars / Conferences / Workshops organized & the source of funding

a) National:

Sr. No	Seminar/ conferences/ workshops	Name of the event	Duration	Year	The Source of funding	Funds received (Rs)
1.	Conference	Sanjivani Tech- fest-2016	2 days	2015- 2016	SPPU, Pune	100000=00
2.	Conference	Technospire-2014	2 days	2013- 2014	AICTE, New Delhi	200000=00

b) International: Nil

26. Student profile programme / course wise:

Name of the	Applications	Selected	Selected Enrolled		Pass
course / programme	received		Male	Female	percentage
2013-2017	Centralized	181	95	86	61.32
2012-16	Admission Process	160	82	78	57.80
2011-15	Trocess	162	83	79	51.23
2010-14		130	83	47	54.60
2009-13		159	94	65	43.30

27. Diversity of Students:

Year of admission	Name of the course	% of students from the same state	% of students from other states	% of students from abroad
2012-2013		99.37	0.63	Nil
2013-2014	BE (Electronics and	99.44	0.56	Nil
2014-2015	Telecommunication Engineering)	99.46	0.54	Nil
2015-2016	Telecommunication Engineering)	99.10	0.90	Nil
2016-2017		100.00	Nil	Nil

Year of admission	Name of the course	% of students from the same state	% of students from other states	% of students from abroad
2012-2013		100	00	00
2013-2014	ME Electronics Engineering (Digital Systems)	100	00	00
2014-2015		100	00	00
2015-2016		100	00	00
2016-2017		100	00	00

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

Year	GATE	NET	Defence services	Civil services
2012-2013	00	NA	00	00
2013-2014	02	NA	00	00
2014-2015	00	NA	00	00
2015-2016	05	NA	00	00
2016-2017	02	NA	00	00

29. Student progression:

Student Progression %	2012-13	2013-14	2014-15	2015-16	Average (%)
UG to PG	12	10	10	17	8.34
PG to M. Phil	NA	NA	NA		NA
PG to Ph.D	01	NIL	NIL		1.92
Ph.D to post-Doctoral	NIL	NIL	NIL		NIL
Employed in campus Selection	01	12	01	46	8.89
Employed other than Campus Recruitment	48	46	33	01	23.10
Entrepreneurship / self-employment	01	01	02		1.15

30. Details of Infrastructural facilities:

Sr. No.	Infrastructural facility	Details of Item	Number
1.	Departmental Library	Title of Books Volumes Journals Magazine CD IEEE Transactions	768 781 6 6 5 6
2.	Internet facility for staff and students	Computers Internet facility Bandwidth	201 100Mbps
3.	Classrooms with ICT facility	 With Projector facility Internet NPTEL 	5
4.	Laboratories	UG PG Research*	12 2 1
5.	Tutorial Room	UG PG	2 2

^{*}Research lab is common for Post graduate and Research centre

Details of laboratories:

Sr. No.	Name of Laboratory	Area (in m ²	Total Cost of Equipments (in Rs.)
1	Basic Electronics Lab.	97	1501078=00
2	Microwave & FOC Lab.	97	2510453=00
3	Basic Electrical Engineering Lab.	97	0819719=00
4	Power Electronics Lab.	67	0938979=00
5	PG Lab.	67	0766906=00
6	Electronics Design & Project Lab.	67	0954475=00
7	PCB Lab.	67	0331993=00
8	VLSI & DSP Lab.	97	2357551=00
9	Research Lab.	97	5105646=00
10	Test & Measurement Lab.	67	2170277=00
11	Analog & Digital Communication lab.	97	2102525=00
12	Microcontroller Lab.	97	2048939=00
13	Computer Network & Embedded Systems Lab.	67	2149832=00
14	e-Yantra Embedded Systems & Robotics Lab.	45	0492874=00
	Total	1126	24251249=00

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

Sr. No.	Details of Financial Assistance	Academic year/ No of students				
		2012-13	2013-14	2014-15	2015-16	2016-17
1	OBC	205	178	187	160	206
2	SC	05	09	05	03	40
3	SBC	70	79	48	30	06
4	ST	08	06	12	08	06
5	VJ/NT	83	64	70	47	76
6	TFWS	32	24	18	12	06
7	Total number of students	403	360	340	260	

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

Academic Year	Type of enrichment	Topic	Target	Duration	Organization / Expert
2012-13	Workshop	AVR based Robotics	Final year students	Two days 2- 3/09/2012	Organized in collaboration with Campus components Pvt Ltd., Pune.
	Special Lecture	Mobile Computing and Cloud Computing	Final year students	One day 05/01/2013	Mr.Pankaj Patil, Optimistik Infosystem, Pune
2013-14	Special Lecture	Android	Third year students.	One day 14/09/2013	Mr.Umar Lone, Poash Technologies, Pune
	Special	Concurrency &	Final year	One day	Mr.Umar Lone, Poash

Academic Year	Type of enrichment	Торіс	Target	Duration	Organization / Expert
	Lecture	Parallelism	students	14/09/2013	Technologies, Pune
	Special Lecture	VLSI & Design	Third year & Final year students	One day 01/02/2014	Mr. Yogesh Agrawal, SEED Infotech Ltd., Pune
	Special Lecture	OOPs	Second year students	One day 15/02/2014	Mr. Sachin Inamdar, Tricosys Ltd., Pune
	Special Lecture	Embedded Systems and VLSI	Third year & Final year students	One day 07/07/2014	Mr. Vishal Labde SEED Infotech Ltd., Pune
	Workshop	ARDUINO	Third year & Final year students.	One day 22/02/2015	Mr.Pravin Ambekar, Ambekar Associates, Aurangabad
2014-15	Special Lecture	Career Opportunities in Software Testing	Third year students.	One day 24/02/2015	Mr.Vishal Karade, SEED Infotech Ltd., Pune
	Special Lecture	Mobile Communication	Final year students.	One day 07/03/2015	Mr.Sachin Jadhav, TATA Teleservices, Aurangabad
	Special Lecture	Embedded Processors	Third year students.	One day 14/03/2015	Dr. Ajay Deshmukh Principal, D A College of Engineering, Karad
	Special Lecture	JAVA	Final year students	One day 4/08/2015	Mr. Permeshwar SEED Infotech Ltd., Pune
	Special Lecture	PLC & Automation	Final year students	One day 21/08/2015	Mr. Wasim Shaikh, MPTA, Pune
2015-16	Workshop	IOT	Final year students	Two days 29- 30/09/2015	Organized in association with Hi- Tron Components, Pune
	Special Lecture	Linux and IT infrastructure	Final year students	One day 19/12/2015	Mr. Vasudeo Khelkar Godrej Infotech Ltd., Mumbai
	Special Lecture	Object Oriented Programming	Final year students	One day 09/01/2016	Mr. Ramakant Dabata, Accenture Pune
	Special Lecture	Embedded Processors	Final year students	One day 06/02/2016	Mr. Kiran Dhabholkar, Infosys Ltd., Pune

33. Teaching methods adopted to improve student learning Class room lectures:

Along with traditional teaching methods additional innovative and interactive methods are adopted by the faculty to improve students' learning. To name a few:

- Innovative teaching through audio visual aids.
- Interactive learning through spoken tutorials.
- Learning through video lecture like NPTEL.
- Active students participation through self learning.
- Contents beyond the curriculum to make the students updated with latest developments.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

Sr. No.	Type of activity	Details of activity	Date of conduction	Participants (students &faculty)
1	Tree Plantation	Tree plantation Program organized under the heading "My Earth-My Duty" at Village Kumbhari, Kopargaon.	8/9/2012	9 Students 1 Faculty
2	Organization of Marathon	Organization of Marathon for school boys and girls and an open group for all the youths. Slow Cycle and Fast cycle competitions: to make awareness among youths for use of cycle for different benefits such as Reduce pollution, save petrol, save money, good health.	20/01/2013	8 Students
3	Tree Plantation	Tree plantation Program organized under the heading "My Earth -My Duty", at Sanjivani Academy school campus, Khirdiganesh, Kopargaon	15/08/2013	10 Students 1 Faculty
4	Organisation of Marathon	Marathon organized for school boys, girls and all the youths. The message from this marathon is to live a healthy life for all.	19/01/2014	06 Students
5	Tree Plantation	Tree plantation Program organized under the heading "My Earth -My Duty", at Yesgaon lake area, Kopargaon,	9/08/2014& 15/08/2014	12 Students 2 Faculty
6	Swachha Bharat	Swachha Bharat Abhiyan is carried out near central bus stand,Kopargaon.	2/10/2014	86 Students

Sr. No.	Type of activity	Details of activity	Date of conduction	Participants (students &faculty)
	Abhiyan			
7	Cloth collection programs	Cloths collection and distribution program is carried out in college campus. Staff members and students distributed that cloths to the needy people in adopted village.	22/01/2014 to 24/01/2014	9 Students, 2 Faculty
8	Survey of school dropped children	The survey of school dropped children is carried out in the village Shinganapur, Kopargaon.	20/01/2015 to 30/01/2015	5 Students
9	Young Union student group	Visit to Adiwasi Eklawya Aashram School, Takli, Kopargaon.	15/02/2015	50 Students, 4 Faculty
10	Young Union student group	The group organized voluntary blood donation camp in the village Puntamba, Kopargaon.	27/02/2015	50 Students
11	Young Union student group	Visit of students to "Snehalaya- Home of Love", Ahmednagar	15/03/2015	10 Students, 4 Faculty
12	Blood donation camp:	Blood donation camp was organized in college campus for three days.	18/03/2015 24/03/2015 25/03/2015	64 Students 2 Faculty
13	Tree Plantation	Tree plantation program is organised in Sanjivani Academy campus,Khirdiganesh,Kopargaon.	21/06/2015	36 Students 7 Faculty
14	Blood donation program	A Mega Blood donation program was conducted by the students of Sanjivani group for the society.	23/03/2016 to 25/03/2016	32 Students 4 Faculty

35. SWOC analysis of the department and Future plans:

* Strengths

- ➤ Good infrastructural facilitities
- > Experienced and qualified faculty
- ➤ Good retention of faculty
- ➤ Committed technical supporting staff
- ➤ Effective quality assurance mechanism for teaching learning and other supporting processes

Frequent Student Counselling and guidance through Mentorship scheme

* Weakness

- ➤ Lack of consultancy and patents
- > Placement statistics not encouraging
- Lack of communication skills and other soft skills of students

* Opportunities

- > Scope for Research in multidisciplinary areas
- > Avenues for stong Industry Institute Interaction
- > Collaboration with foreign Universities and other premier institutes in India

* Challenges

- ➤ Attracting meritorious students
- > Complying with industry expectations in the wake of Globalization
- ➤ Adoption of fast changing technologies in curriculum

* Future Plans:

- Improvement of the skill sets of faculty and students
 - Reaccreditation of the department from quality assurance bodies at National level
 - > Enhancements of students' placement
 - Establishment of MoUs with leading industries and academic institutions
 - Conferences / Seminars / Workshops, etc. at National / International level for both faculty and students
 - ➤ Faculty development programmes in emerging areas
 - > Better interaction with alumni
- Interaction with professional societies like IEEE, IETE, IE (I), etc.

Self Study Report [SSR]



Network Engineering





Self Study Report [SSR]

Evaluative Report

Department of Information Technology

1. Name of the Department : Information Technology

2. Year of Establishment : 2001

3. Names of Programs / Courses offered (UG, PG, M.Phil., Ph.D., and Integrated

Masters; Integrated Ph.D., etc.) : UG in Information Technology

4. Names of Interdisciplinary courses and the departments/units involved:

Sr. No.	Year	Semester	Course Code	Course	Department	
1			107001	Engineering Mathematics-I	Ensinessine Caisnes	
2			107002	Engineering Physics	Engineering Science	
3			107009	Engineering Chemistry		
4			102006	Engineering Graphics I	Mechanical Engineering	
5	EE	ī	103004	Basic Electrical Engineering	Electronics and	
6	FE I		104012	Basic Electronics Engineering	Telecommunication	
7			101005	Basic Civil and Environmental Engineering	Civil	
8			111007	Workshop Practice	Mechanical Engineering	
9			107008	Engineering Mathematics- II	Ensingering Spigner	
10			107009	Engineering Chemistry	Engineering Science	
11			107002	Engineering Physics		
12	FE	II	102013	Basic Mechanical Engineering	Mechanical Engineering	
13	PE	11	103004	Basic Electrical Engineering	Electronics and	
14			104012	Basic Electronics Engineering	Telecommunication	
15			101011	Engineering Mechanics	Machanical Enginessins	
16			102014	Engineering Graphics II	Mechanical Engineering	
17	SE	II	207003	Engineering Mathematics- III	Engineering Science	

5. Annual/semester/choice based credit system (Programme wise):

UG: Semester Based Credit System

6. Participation of the department in the courses offered by other departments

Sr. No.	Year	Semester	Course Code	Course	Department
1.	FE	I	110003	Fundamentals of Programming Language -I	Mechanical Engineering Electronics and Telecommunication
					Civil Engineering
			110010	Fundamentals of	Mechanical Engineering
2.	FE	II	110010	Programming Language -II	Electronics and
					Telecommunication
					Civil Engineering

- 7. Courses in collaboration with other universities, industries, foreign institutions, etc.: Nil
- 8. Details of courses / Programmes discontinued (if any) with reasons:Nil
- 9. Number of Teaching posts:

	Sanctioned	Filled
Professors	02	00
Associate Professors	04	02
Asst. Professors	10	15

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

Name	Qualification	Designation	Specialization	No. of Yearsof Experience	No. of Ph.D.Students guided for the last 4 years
Prof. A. A. Barbind	Ph. D (Pursuing)	Associate Professor & HOD	Computer Technology	20	Nil
Dr.M. A. Jawale	PhD	Associate Professor	Computer Engineering	15	Nil
Mr. R.N. Kankrale	M.E. CSE	Assistant Professor	Computer Science and Engineering	12	Nil
Mrs. D.P. Bhamare	M. Tech CE	Assistant Professor	Computer Engineering	10	Nil
Mr. R.D. Chintamani	M.E. CSE	Assistant Professor	Computer Science and Engineering	08	Nil
Mr. R. R. Nikam	M.E.CSE	Assistant Professor	Computer Science and Engineering	08	Nil
Mr.M. B. Gawali	Ph. D (Pursuing)	Assistant Professor	Computer Science and Engineering	08	Nil

Name	Qualification	Designation	Specialization	No. of Yearsof Experience	No. of Ph.D.Students guided for the last 4 years
Mr.S. T. Kolhe	M.E.CSE	Assistant Professor	Computer Science and Engineering	05	Nil
Mr.Y. S. Deshmukh	M. Tech CSE	Assistant Professor	Computer Science and Engineering	07	Nil
Mrs.K. D. Patil	M.E. CE	Assistant Professor	Computer Engineering	04	Nil
Mr. N.S. Patankar	M.E. CSE	Assistant Professor	Computer Science and Engineering	3.5	Nil
Mr. C. D. Bawankar	M. Tech CSE	Assistant Professor	Computer Science and Engineering	12	Nil
Mrs.M. D. Unde	ME IT	Assistant Professor	Information Technology	0	Nil
Mr.S. G. Zanwar	ME CSE	Assistant Professor	Computer Science and Engineering	2	Nil
Mr.Shekhar S. Kausalye	ME CSE	Assistant Professor	Computer Science and Engineering	06	Nil
Ms.S.N.Gawali	ME	Assistant Professor	Computer Science and Engineering	04 Months	Nil
Dr. M.R. Sonawane	M. Sc. Ph.D.	Assistant Professor	Science	02	Nil

- 11. List of senior visiting faculty:Nil
- 12. Percentage of lectures delivered and practical classes handled (Programme wise) by temporary faculty: Nil
- 13. Student Teacher Ratio (Programme wise):

UG - 15:1

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

Post Name	Sanctioned	Filled
Laboratory Assistant	02	02
Clerk	01	01
Peon	03	03

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

Refer Point No. 10.

Ph.D. : 02 ME/M.Tech. : 15

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received

Sr. No.		Name of	Title of the project	Name of The funding agency	Grant Received (lakhs)
1	2014- 2016	Dr. M. A. Jawale	Development of Automated Public Opinion Mining System to Enhance Citizen Participation in the eGovernment for Governmental Decisions	BCUD SPPU Pune	1,10,000.00

- 17. Departmental projects funded by DST FIST; UGC, DBT, ICSSR, etc. and totalgrants received: Nil
- 18. Research Centre /facility recognized by the University: Nil

19. Publications:

a) Publication per faculty

Cm No	Name of Faculty	Total number of publications		
Sr. No.		National	International	
1	Prof.A.A. Barbind	15	03	
2	Dr. M. A. Jawale	09	15	
3	Mr. R. N. Kankrale	02	03	
4	Ms.D.P Bhamare	04	04	
5	Mr. R.D. Chintamani	01	03	
6	Mr. M.B. Gawali	01	02	
7	Mr. R.R. Nikam	00	02	
8	Mr. S.T. Kolhe	02	04	
9	Mr. Y.S. Deshmukh	01	04	
10	Ms. K.D. Patil	01	03	
11	Mr. N.S. Patankar	02	05	
12	Mr. C.D. Bawankar	00	11	
13	Ms. M. D. Unde	00	00	
14	Mr. S. G. Zanwar	00	03	
15	Ms. S. S. Kausalya	00	04	
16	Dr. M. R. Sonawane	03	04	

- * Number of papers published in peer reviewed journals (National / International) by faculty and students: 11
- * 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:Nil

* Chapter in Books: Springer(Chapter 225-48) ISBN/ ISSN. No.978-3-319-30317-8

* Books Edited: Nil

* Books with ISBN/ISSN numbers with details of publishers: Nil

* Citation Index: TotalCitations: 03

* SNIP: Nil* SJR: Nil

* Impact factor: Total Points: 02.3

* h-index: Total: 01

20. Areas of consultancy and income generated:

21. Faculty as members in

a. National Committees:

Sr. No.	Name of Faculty	Name of Committee and Designation		
	Dung A A Doubind	1 Cubicat Chairman for Theory Everyingtion of Covitaibai		
1	Prof. A.A.Barbind	1. Subject Chairman for Theory Examination of Savitrib. Phule Pune University, Pune.		
		2. Subject Chairman for Practical Examination of Savitribai Phule Pune University, Pune.		
2	Dr. M.A. Jawale	1.Subject Chairman for Theory Examination of Savitribai Phule Pune University, Pune.		
		2.Subject Coordinator of Data Structures and Files for SE IT 2015 course for Savitribai Phule Pune University, Pune.		

b. International Committees: Nil

c. Editorial Boards: Nil

22. Student projects

a. Percentage of students who have done in-house projects including interdepartmental/

Programme: 100%

b. Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies:

Academic Year	Number of Sponsored projects	Percentage
2012-2013	1	5.00%
2013-2014	1	5.00%
2014-2015	0	0.00%
2015-2016	3	14.28%

23. Awards/Recognitions received by faculty and students

a) Faculty Awards

 Dr. M.A. Jawale received Lady Engineer Award from Institution Of Engineers (India) Ahmednagar on 15th September 2016.

b) Student Participation

	Academic year 2015-2016						
Sr.No.	Name of Student	Name of National/International Conference/Event	Organized By	Date of Event	Awards/Prize		
1.	Apurva Nagpure	Sparx-15 Paper presentation	MET COE,Nashik	21 st ,22 nd Sep.2015	1 st		
2.	Manisha Koul	Sparx-15 Paper presentation	MET COE,Nashik	21 st ,22 nd Sep.2015	1		
3.	Apurva Nagpure	GNITE TECH-BYTE	MET COE,Nashik	21 st ,22 nd Sep.2015			
4.	Aishwarya Kotashtane	FE GALA	SCOE,Kopargaon		1 st		
5.	Kalyani Ugale	Handball	SPPU Pune Ahmednagar Distirict Zone		Runner up		
Acade	Academic year 2014-2015						
6.	Kedar Tejas R.	Archiery	Ahmednagar District Zone Inter collegiate sports Savitribai Phule Pune university	Zonal	1 st		
7.	Ugale Kalyani	Handball	Ahmednagar District Zone Inter collegiate sports Savitribai phule pune university	zonal	Runner up		
8.	Shreya Raina	CSI	SCOE, Kopargaon	Institute	1 st		
9.	Apurva	CSI	SCOE,Kopargaon	Institute	1 st		

Nagnure				
Swapnil Khandizod	CSI	SCOE,Kopargaon	Institute	1 st
Akshay Bhandari	CSI	SCOE,Kopargaon	Institute	1 st
	Academic	year 2013-2014		
Lahire Swapnil	SV13 Paper Presentation	SCOE, Kopargaon	National	1 st
Kale NeelKamal	Basketball competition	Sarda college university,pune	Inter college	Winner
Kadam Snehal	Basketball competition	Sarda college university,une	Inter college	Winner
Kalyani Ugale	Basketball compitition	Sarda college university,pune	Inter college	Winner
Dhadiwal Archana	SV13 Marathon Programming	SCOE,Kopargaon	National	1 st
Kadam Kiran	SV13 Marathon Programming	SCOE,Kopargaon	National	1 st
Lahire Swapnil	Project Competition(Avishkar)	K.K.Wagh,COE,Nashik	National	1 st
Pardhe samuel	Project Competition	K.K.Wagh,COE,Nashik	National	1 st
Pandhare Nikhil	Project Competition	K.K.Wagh,COE,Nashik	National	1 st
Lahire Swapnil	Technosanjivani- 2014Regional project competition	SCOE,Kopargaon	Regional	1 st
Pardhe samuel	Technosanjivani-2014 Regional project competition	SCOE,Kopargaon	Regional	1 st
Pandhare Nikhil	Technosanjivani- 2014Regional project competition	SCOE,Kopargaon	Regional	1 st
Manoj patil	Technosanjivani- 2014Regional project competition	SCOE,Kopargaon	Regional	1 st
Kaduskar Prasad	Technosanjivani- 2014Regional project competition	SCOE,Kopargaon	Regional	3 rd
Kadam Kiran	Technosanjivani- 2014Regional project competition	SCOE,Kopargaon	Regional	3 rd
Shah Waseem	Technosanjivani- 2014Regional project competition	SCOE,Kopargaon	Regional	3 rd
Patole Pratik	Technosanjivani- 2014Regional project competition	SCOE,Kopargaon	Regional	3 rd
_	Academic	year 2012-2013	T	1
Yogiraj Korde	GATE 2012-13	IIT Mumbai	National	Gate score:- 365 Marks:-25.33
Ayushman Mishra	Sanjivani Vision - 13Web wrangle	SRES SCOE,Kopargaon	National	1 st
	Khandizod Akshay Bhandari Lahire Swapnil Kale NeelKamal Kadam Snehal Kalyani Ugale Dhadiwal Archana Kadam Kiran Lahire Swapnil Pardhe samuel Pandhare Nikhil Lahire Swapnil Pardhe samuel Pandhare Nikhil Kaduskar Prasad Kadam Kiran Lahire Swapnil Pardhe samuel Pandhare Nikhil Apardhe samuel Pandhare Nikhil Apardhe samuel Pandhare Nikhil	Swapnil Khandizod Akshay Bhandari CSI Academic Lahire Swapnil Kale NeelKamal Kadam Snehal Basketball competition Kalyani Ugale Dhadiwal Archana Frogramming Kadam Swapnil CSI Academic SV13 Paper Presentation Basketball competition Basketball competition Basketball competition Basketball competition Basketball competition Basketball competition Basketball competition Programming Kadam SV13 Marathon Programming Froject Competition Project Competition Pandhe samuel Project Competition Pandhare Nikhil Technosanjivani- 2014Regional project competition Pandhare Nikhil Project Competition Technosanjivani- 2014Regional project competition	Swapnil Khandizod	Swapnil Khandizod Khandizod Khandizod Khandizod Kakshay Bhandari

31.	Ms.Swapnali	Sanjivani Vision -	SCOE,Kopargaon	National	1 st
32.	Phepale Gaikwad Prashant	13Paper presentation Sanjivani Vision -13 Paper presentation	SRES SCOE,Kopargaon	National	1 st
33.	Laxman Jadhav	Sanjivani Vision -13 C-Pradnya	SRES SCOE,Kopargaon	National	2 nd
34.	Bhansali Siddharth	Sanjivani Vision -13 C-Pradnya	SRES SCOE,Kopargaon	National	2 nd
35.	Ms.Supurva Nisal	Sanjivani Vision -13 Web wrangle	SRES SCOE,Kopargaon	National	$3^{ m rd}$
36.	Ms.Mayuri Lokhande	Sanjivani Vision - 13Web wrangle	SRES SCOE,Kopargaon	National	3 rd
37.	Swapnil Kshirsagar	Sanjivani Vision -13 Web wrangle	SRES SCOE,Kopargaon	National	3 rd
38.	Ms.Pooja Kote	E-NSPIRE-2013 National conference	PREC,Loni	National	1 st
39.	Ms.Priya Rakibe	E-NSPIRE-2013 National conference	PREC,Loni	National	1 st

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

Sr.	Name of the	Duration	Designation	Organization	Purpose of Visit
No.	Academician/ Scientist				
1	Dr. Virendrakumar Bhavsar	2015-16	Professor	University of New Brunswick, Canada	Guest Lecture
2	Mr. Yogiraj Korde	2015-16	Developer	Fiserv Ltd	Projects,Recent IT Technologies and required skill sets to enter the industry.
3	Mr. Hemant Surale	2014-15	Ph.D. Scholar	WaterLooUnivarsity Canada	Guest Lecture
4	Mr. Siddhant Bhansali	2014-15	Owner	Max Tech	Entrepreneur Development
5	Mr.ChetanKumar Labade	2013-14	Developer	Winjit technology	Lectureon Android

25. Seminars/ Conferences/Workshops organized and the source of funding:

a) National:

Sr.no	Name of. Seminar/ conferences/ workshops	Duration	Year	Numbers of students/Faculty Participated	The Source of funding
1.	Recent trends in Pattern Classification	2 Days	2015-16	Faculty 47	SPPU, Pune
2.	TechnoSanjivani	2 days	2015-16	72 Students	SRESCOE
3.	STQA Tools: RQM & RFT	4 Days	2014-15	Faculty 30	SRESCOE
4.	Application of Soft computing in Pattern Recognition	5 Days	2014-15	Faculty 35	SPPU, Pune
5.	Sanjivani Techfest	2 Days	2014-15	Students	SPPU, Pune
6.	Sanjivani vision'14 paper presentation	National level paper presentation	2013-14	Students	SPPU, Pune
7.	Sanjivani vision'13	2 Days	2012-13	Students 80	SPPU, Pune

b) International: Nil

26. Student profile programme/course wise:

Name of the	Applications		Enrolled		Pass
Course/programme (refer question no. 4)	Received	Selected	*M	*F	percentage
2012-16	Centralized Admission Procedure	64	32	32	93.90%
2011-15		64	27	37	95.31%
2010-14		54	26	28	85.50%
2009-13		61	33	28	90.77%

^{*}M = Male *F = Female

27. Diversity of Students

Year of Admission	Name of the course	% of students from thesame state	% of students from other States	% of students from abroad
2015-16		98.34 %	1.66 %	Nil
2014-15	BE(IT)	98.34 %	1.66 %	Nil
2013-14		98.34 %	1.66 %	Nil
2012-13		98.34 %	1.66 %	Nil

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

Year	GATE	Defence services	Civil services
2012-2013	01	Nil	Nil
2013-2014	Nil	Nil	Nil
2014-2015	Nil	Nil	Nil
2015-2016	Nil	Nil	Nil

29. Student Progression

Student Progression %	Against % enrolled				
Student I Togression 70	2012-13	2013-14	2014-15	2015-16	2016-17
UG to PG	3%	8%	9.00%	-	3.00 %
PG to M. Phil	-	-	ı	-	ı
PG to Ph.D	-	-	-	-	-
Employed	10%	1%	5%	71.95%	29. 00%
- Campus Selection	1070	1 /0	370	71.75/0	27.0070
- Other than Campus	80.00%	75.00%	70.00%	20.00 %	
Recruitment	00.0070	73.0070	70.0070	20.00 /0	•
Entrepreneurship / Self-employment	1.44 %	0 %	0 %	0.00%	0.00 %

30. Details of Infrastructural facilities

a) Library:

Infrastructural facility	Details of Item	Number
Departmental Library	Books	550
Library Area: 33 sqm.	Volumes	412
_	CDs	10

b) Internet facilities for Staff & Students:

Infrastructural facility	Details of Item	Number
Internet facility for	Computers	125
staff and students	Internet facility and	100Mbps
	Bandwidth	

c) Class rooms with ICT facility:

Infrastructural	Details of Item	Number
facility		
Classrooms with ICT	with Projector facility	03
facility		
Seminar Hall	Equipped with LCD	01
	Projector	
Tutorial Room	Well furnished	01

d) Laboratories:

Infrastructural facility	Details of Item	Number
Laboratories- UG: PG: Research:	Well equipped as per SPPU, curriculum and AICTE norms	07 00 00

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

Sr.	Details of	Academic year/ No of students					
No.	Financial Assistance	2013-14	2014-15	2015-16	2016-17		
1	OBC Freeship	110	95	96	103		
2	SC Freeship	08	05	06	24		
3	SBC Freeship	25	12	23	06		
4	ST Freeship	03	Nil	Nil	01		
5	VJ/NT Freeship	24	19	28	34		
6	TFWS	03	03	03	03		

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

Academic Year	Name of expert lecture/Seminar/W orkshop	Number of students attended	Name of external experts	Duration
2013-14	Android	50	Mr.ChetanKumar Labade	1 day
	Workshops on C, C++, and Java	50	In association with IIT Bombay	1 Week
2014-15	Cloud Computing &Internet of Things.	45	Mr. Hemant Surale	1 day
	Right object of education	50	Mr. Pratapsingh Pardeshi	1 day
	Entrepreneur Development	48	Mr. Siddhant Bhansali	1 day
2015-16	Convergence Big- Data, IoT and High Performance Computing	45	Dr.Virendrakumar Bhavsar	1 day

Academic Year	Name of expert lecture/Seminar/W orkshop	Number of students attended	Name of external experts	Duration
	Projects, Recent IT Technologies and required skill sets to enter the industry.	45	Mr.Yogiraj Korde	1 day
	How to prepare aptitude and interview for Campus Recruitment	79	Mr.Satish Charmal Mr.Rohit Salunke	1 day
	Cyber secured Digital India forwomen safety	90	Mr.Vasant Tajane	1 day

33. Teaching methods adopted to improve student learning Class room lectures

- 1. Power point presentations.
- 2. Self-Learning
- 3. Industrial visits
- 4. NPTEL Videos
- 5. Tutorial classes
- 6. Practical classes
- 7. Content beyond syllabus
- 8. Projects and Seminars
- 9. Remedial Coaching
- 10.Problem based learning

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Sr.No.	Type of activity	Duration	Details of activity	Participan ts (students & faculty)
1	Tree Plantation	2015 -16	Tree plantation program is organized in college of Engineering and Sanjivani Academy campus on 21st of June 2015 from 10 am. Total 500 trees have been planted during this program (250 plants in Engineering college campus and 250 in Sanjivani Academy campus).	students and 50
2	Survey of school dropped children	2015 -16	The survey of school dropped children is carried out from 20th of January to 30th	

Sr.No.	Type of activity	Duration	Details of activity	Participan ts (students & faculty)
			of January in the Shinganapur village which is nearby college.	
3	Blood donation program	2015 -16	A Mega Blood donation program was conducted by the students of Sanjivani group for the society on Wednesday 23 to 25th of March 2016 from 8.00 am to 11.00 am in New Building hall.	350 students and 20 Faculty
4	Young Union student group	2015-16	Visited ADIWASI EKLAWYA AASHRAM, Takli, Kopargaon on 15 th February 2015.	50 students, 4 Faculty
5	Young Union student group	2015-16	The group organized voluntary blood donation camp in the college campus and Puntamba on 27thFebruary 2015.	50 students
6	Celebration of Mother's Day	2015-16	Program was organized for Placed Students in various companies through Campus Interview. Parents visited the Campus and share their happiness.	85 Students, 200 Parents
7	Tree Plantation:	2014 - 15	organized under the heading "My Earth-My Duty", on Saturday, 9 th August 2014from 10 am to 1 pm. Total 120 plants were planted at Yesgaon lake area. Ta: Kopargaon, Dist: Ahemadnagar. This is followed by a II phase of Tree plantation program on 15 th of August 2014at 10.30 am to 1 pm, 205 Bamboo	students and 2
8	Swachha Bharat Abhiyan	2014 - 15	trees were planted. Total 325 bamboo trees were planted at Yesgaon lake. Swachha Bharat Abhiyan is carried out on 2 nd October 2014.We have cleaned total five major roads which meet at centre point of Kopargaon near Bus stand. This is followed by celebration of Mahatma Gandhi Jayanti.	Faculty 500 students
9	Cloth collection and distribution	2014 -15	Cloths collection and distribution program is carried out in college of	35

Sr.No.	Type of activity	Duration	Details of activity	Participan ts (students & faculty)
	programs		Engineering on 22 to 24 January 2014. staff distributed that cloths to the needy people in adopted village.	students, 10 Faculty
10	Blood donation camp	2014 -15	Blood donation camp was organized in college campus for three days as on Thursday, 18th, 24th and 25th of March 2015 from 8.00 am to 12.00 pm.	297 students and faculty
11	Tree Plantation	2013-14	Tree plantation Program organized under the heading "My Earth -My Duty", on Saturday, 15 th August 2013 at 10 am. Total 120 plants were planted at Sanjivani Academy school campus, At Post Khirdi ganesh Ta: Kopargaon, Dist: Ahmednagar.	students and 5
12	Organisation of Marathon on 19 th Jan 2014:	2013-14	NSS volunteershave made arrangements necessary for the smooth conduct of the marathon for school boys, girls and all the youths. The message from this marathon is to live a healthy life for all.	44 Students
13	Tree Plantation:	2012-13	Tree plantation Program organized under the heading "My Earth -My Duty", on Saturday, 8 th Sept. 2012 at 2.30 pm. Total 150 plants were planted at Village Kumbhari.	students
14	Organization of Marathon	2012-13	We have helped in the organization of marathon for school boys and girls and an open group for all the youths. Slow and Fast cycle competition: A Slow Cycle and Fast cycle competitions are arranged for the students of Engineering college to make awareness among them for use of cycle for different benefits such as Reduce pollution, save petrol, save money, good health and many more on 20 th Jan 2012.	Students

35. SWOC analysis of the department and Future plans

* Strengths

- 1. Experienced and Qualified Faculty.
- 2. NBA Accredited
- 3. Good staff-students ratio
- 4. ISO certified
- 5. IEI certified
- 6. Committed Technical Supporting Staff.
- 7. State of art Infrastructural Facility

* Weakness

- 1. Research and Development
- 2. Consultancy Need to be improved
- 3. Communication skill among the students needs to improve.

* Opportunities

- 1. Research Funding from external agencies
- 2. Collaboration with more reputed industries

* Challenges

- 1. To meet requirements of industries.
- **2.** To improve the soft skills and to develop the communication skills of students.

* Future Plan

- 1. To register Patents
- 2. Funded research projects with collaboration of government and private organizations.
- 3. Collaboration with reputed industries as wellSmall Scale Industries.
- 4. Tie-ups with National and International Educational Institutes.
- 5. Faculty Qualification Improvement
- 6. Enhancing Soft-skills, Aptitude Skills and Technical skills of the students
- 7. Reaccreditation of the department
- 8. Collaboration with reputed industries like IBM, Infosys, TCS, Persistent, Small Scale Industries, etc.
- 9. Tie-ups with National and International Educational Institutes.
- 10. Improve Alumni Interaction

Self Study Report [SSR]









Self Study Report [SSR]

Evaluative Report

Department of Mechanical Engineering

1. Name of the department : Mechanical Engineering

2. Year of Establishment : 1983

3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., and Integrated

Masters; Integrated Ph.D., etc.) : UG in Mechanical Engineering,

PG in Mechanical Design Engineering,

Ph.D in Mechanical Engineering

4. Names of Interdisciplinary courses and the departments/units involved:-

Sr. No.	Year	Semester	Course Code	Course	Department	
•	FE	I	107001	Engineering Mathematics-I	Engineering	
•			107002	Engineering Physics	Science	
•			107009	Engineering Chemistry		
•			110003	Fundamentals of Programming Languages	Computer Engineering	
•			103004	Basic Electrical Engineering	E & TC	
•			104012	Basic Electronics Engineering	Engineering	
•			101005	Basic Civil and Environmental Engineering	CivilEngineering	
•	FE	II	107008	Engineering Mathematics-II	• Engineering	
•			107009	Engineering Chemistry	• Science	
•			107002	Engineering Physics		
•			110010	Fundamentals of Programming Languages-II	Computer Engineering	
•			103004	Basic Electrical Engineering	E &TC	
•			104012	Basic Electronics Engineering	Engineering	
•			101011	Engineering Mechanics	Civil Engineering	
•	SE	Ι	207003	Engineering Mathematics-III	Engineering Science	
•	SE	II	203152	Electrical and Electronics Engineering	E &TC	

5. Annual/ semester/choice based credit system (programme wise):-

UG: Semester based Credit system

PG: Semester based Credit system

6. Participation of the department in the courses offered by other departments:-

Sr. No.	Year	Semester	Course Code	Course	Department
1	FE	I	101005	Engineering Graphics	Civil Engineering Electronics and Telecommunication Computer Engineering Information Technology
2	FE	II	101011	Basic Mechanical Engineering	Civil Engineering Electronics and Telecommunication Computer Engineering Information Technology

- 7. Courses in collaboration with other universities, industries, foreign institutions etc.:- Nil
- 8. Details of course/programs discontinued (if any) with reasons: Nil

9. Number of teaching posts:-

Post	Sanctioned	Filled
Professor	05	02
Associate Professor	11	06
Assistant Professor	31	38
Adjunt		01

10. Faculty profile with name, qualification, designation, specialization:-

Sr. No.	Name of Staff	Qualification	Designation	Specialization	Experience (Years)	No. of Ph.D. Students Guided for the last 4 Years
1.	Dr. A. G. Thakur	Ph. D.	Professor & Head	Machine Tool Design	27	03
2.	Dr. R. A. Kapgate	Ph. D.	Professor	Production	22	Nil
3.	Mr. S.V. Bhaskar	ME	Associate Professor	Design	17	Nil
4.	Dr. S. S. Ingle	Ph. D	Associate Professor	Heat Power	15	Nil
5.	Mr. D. P. Bhaskar	ME	Associate Professor	CAD/CAM	17	Nil
6.	Dr. A. V. Damale	Ph. D.	Associate Professor	Manufacturing	13	Nil
7.	Dr. S. P. Palekar	Ph. D.	Associate Professor	CAD/CAM	17	Nil
8.	Mr. H. B. Kothadia	Ph. D Submitted	Associate Professor	Thermal & Fluid	06	Nil
9.	Mr. L.S. Dhamande	ME	Assistant Professor	Design	15	Nil
10.	Mr. A.T. Talware	ME	Assistant Professor	Heat Power	12	Nil

11.	Mr. P. M. Patare	ME	Assistant Professor	Design	11	Nil
12.	Mr. P.W. Ingle	ME	Assistant Professor	Thermal	10.5	Nil
13.	Mr. B. D. Deshmukh	ME	Assistant Professor	Design	18	Nil
14.	Mr. H. P. Varade	ME	Assistant Professor	Design	14.5	Nil
15.	Mr. S.V. Fartale	ME	Assistant Professor	Design	09	Nil
16.	Mr. Y. H. Ahire	ME	Assistant Professor	Heat Power	07	Nil
17.	Mr. J. Ahemad	ME	Assistant Professor	Design	12	Nil
18.	Mr. V. P. Bhaurkar	ME	Assistant Professor	Design	7.6	Nil
19.	Mr. K. C. Bhosale	ME	Assistant Professor	Design	16	Nil
20.	Mr. I. I. Sayyad	ME	Assistant Professor	Design	12	Nil
21.	Mr. Y. A. Bhavsar	ME	Assistant Professor	Design	5.5	Nil
22.	Mr. N. D. Sadaphal	ME	Assistant Professor	Design	5.5	Nil
23.	Mr. K. N. Wakchaure	ME	Assistant Professor	Design	5.5	Nil
24.	Mr. S. S. Wawre	M. Tech.	Assistant Professor	CAD/CAM	13	Nil
25.	Mr. D.K. Kabade	M. Tech.	Assistant Professor	CAD/CAM	18	Nil
26.	Mrs. S.M. Gujrathi	ME	Assistant Professor	Design	2.5	Nil
27.	Mr. A. A. Joshi	ME	Assistant Professor	Design	2.8	Nil
28.	Mr. V. J. Suryawanshi	ME	Assistant Professor	Design	4.5	Nil
29.	Mr. S. R. Thorat	ME	Assistant Professor	Design	6.5	Nil
30.	Mr. Amjad Shaikh	ME	Assistant Professor	Design	02	Nil
31.	Mr. P. A. Bojage	ME	Assistant Professor	Heat Power	07	Nil
32.	Mr. Ravishankar	M.Tech	Assistant Professor	PDM	03.11	Nil
33.	Mr.N. S. Aher	M.Tech.	Assistant Professor	Design	04	Nil
34.	Mr. H. D. Gurav	M.Tech	Assistant Professor	Automotive	4.1	Nil
35.	Mr. N. S. Surner	M.Tech.	Assistant Professor	CAD/CAM	1.2	Nil
36.	Mr. S. P. Ubale	M.Tech.	Assistant Professor	Heat Power	1.5	Nil
37.	Mr.A. S. Arote	M. Tech	Assistant Professor	Heat Power	0.7	Nil
38.	Mr.Y. S. Dighe	ME	Assistant Professor	Design	06	Nil
39.	Miss. A. S. Chavan	ME	Assistant Professor	Design	03	Nil
40.	Mr. J. B. Ashtekar	ME	Assistant Professor	Design	07	Nil
41.	Mr. R. S. Kolhe	ME	Assistant Professor	Heat Power	04	Nil
42.	Mr. P. N. Patil	ME	Assistant Professor	Design	10	Nil
43.	Mr. A. D. Wabale	ME	Assistant Professor	Production	4.6	Nil
44.	Mr. S. R. Dudhat	M. Sc	Assistant Professor	Chemistry	24	Nil
45.	Mr. S. M. Sonawane	M. Sc.	Assistant Professor	Mathematics	10	Nil
46.	Mr. R. B. Patthe	M. Tech	Assistant Professor	CAD/ CAM	04	Nil
47.	Dr. Benu Madhab	Ph. D	Adjunt	Design	15	Nil

11. List of senior visiting faculty:

> Mr. Amit Rohmare

Chief Executive Officer,

DAS Offshore Engg. Pvt. Ltd.

Mumbai

- 12. Percentage of lectures delivered and practical classes handled by temporary faculty: Nil
- 13. Student Teacher Ratio (Programme wise)

UG -1:15

PG-1:12

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

Post Name	Sanctioned	Filled
Laboratory Assistant	08	07
Clerk	01	01
Peon	06	06

15. Qualifications of teaching faculty with DSc / D.Litt / PhD. / MPhil / PG:

Refer Point No. 10.

Ph.D. : 06 ME/M.Tech. : 41

16. Number of faculty with ongoing projects from (a) National and (b) International

Funding agencies and grants received:-

Sr. No.	Duration Year From To	Name of PI	Title of the project	Name of The funding agency	Grant Received (Rs)
1	2014- 2016		Development of Magneto -Rheological (MR) Brake for two wheeler	BCUD SPPU Pune	2,40,000.00
2	2014- 2016	Prof. K. C. Bhosale	Optimization of heat balance in resistance spot welding and improvement of fatigue life of welded joints	BCUD SPPU Pune	1,70,000.00
3	2014- 2016	Prof. K. N. Wakcahure	Experimental investigation of influence of tool geometry on mechanical properties of friction stir welded joint	BCUD SPPU Pune	2,00,000.00
4	2014- 2016	Prof. S. P. Palekar	Probabilistic Finite Element Method modelling and fracture analysis of single edge notched laminated composite plate.	BCUD SPPU Pune	80,000.00

- 17. Departmental projects funded by DST FIST; UGC, DBT, ICSSR, etc. and totalgrants received: Nil
- 18. Research Centre /facility recognized by the University:
- Ph. D. Mechanical Engineering, Recognised by Savitribai Phule Pune University, Pune,

Letter No.CA/3076, Dated: 24-08-2015

19. Publications and Patents by faculty:-

a) Publications:-

Sr. No.	Name of Faculty	Total number of publications	
		National	International
1	Dr. A. G. Thakur	09	03
2	Dr. R. A. Kapgate	04	01
3	Prof. S. V. Bhaskar	04	
4	Prof. S. S. Ingle	02	10
5	Dr. A.V. Damale	01	04
6	Dr. S. P. Palekar		03
7	Prof. P. M. Patare	01	01
8	Prof. P.W. Ingle	03	
9	Prof. H. P. Varade	01	01
10	Prof. J. Ahemad	03	
11	Prof. K. C. Bhosale	01	03
12	Prof. V. P. Bhaurkar	01	
13	Prof. I. I. Sayyad	05	01
14	Prof. N. D. Sadaphal	04	
15	Prof. S. R. Thorat	05	
16	Prof. K. N. Wakchaure	01	
17	Prof. P. G. Dake	01	
18	Miss. S. M. Gujrathi		03
19	Prof. A. A. Joshi		01
20	Prof. V. J. Suryawanshi	04	
21	Prof. N. S. Aher	01	
22	Prof. H. D. Gurav	01	01
23	Prof. A. S. Arote	01	
24	Miss. A. S. Chavan	02	
25	Prof. R. S. Kolhe	03	
26	Prof. P. N. Patil	01	
27	Prof. A. D. Wabale	03	

* Number of papers published in peer reviewed journals (National / International) by faculty and students: 38

* 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.): 94

* Monographs:Nil

* Chapter in Books: Nil

* Books Edited: Nil

* Books with ISBN/ISSN numbers with details of publishers: Nil

* Citation Index: (Google scholar) 0 to 66

* SNIP: 1.679 * SJR: 0.816

* Impact factorrange / average: 0 to 1.94

* h-indexrange: 0 to 5

b) Patents

SR.	FACULTY	APPLICATION	TITLE		
NO.		NUMBER			
1	Prof. P M Patare	E-2/83/2016-	Development of Poly Tetra Fluro-ethylene		
		MUM	(PTFE) composite base material for		
			sugarcane crushing roller.		
2	Prof. S.V.Fartale	E-2/86/2016-	Hand wheel mounted hand operated		
		MUM	(paddle less) smart braking system for four		
			wheeler automobiles.		
3	Prof. L S Dhamande	3018/MUM/201	Development of Universal Test Rig for		
		5	Modal Analysis of Beam		
5	Prof. S.V. Fartale	161/MUM/2015	Magento-Rheological Braking System For		
			A Two Wheeler Vehicle		
6	Prof. S. V. Fartale	162/MUM/2015	Multi Disc Magneto-Rheological Braking		
			System		
7	Prof. S.V. Fartale	163/MUM/2015	Process of Preparing A Magneto		
			Rheological Fluid For Braking System of		
			A Two Wheeler Vehicle.		
8	Prof. S. S. Ingale	1264/MUM/201 Innovative Method of Conversion of Car			
		5	Into Bike And Vice A Versa.		
9	Prof. V.P. Bhaurkar	1865/MUM/201	I/201 Hybrid (Solar And Electrical) Powered Oil		
		5	Recovery Machine		

20. Areas of consultancy and income generated:

The major areas of consultancy are Pin on Disc Machine and FFT Analyzer available inDesign Lab.

Machine	Year	Income Generated (Rs.)
Pin on disc machine.	2015-16	Nil
Pin on disc machine.	2014-15	1000.00
Pin on disc machine.	2013-14	9000.00
FFT Analyzer	2015-16	6000.00
FFT Analyzer	2014-15	28000.00
FFT Analyzer	2013-14	40000.00

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

Boards

a) National Committees:

Sr. No.	Name of Faculty	Name of Committee and Designation
		1. Local enquiry committee (LIC) member for Savitribai Phule Pune University.
		2. Staff selection committee member for Savitribai Phule Pune University.
1 Dr. A. G. Thakur Funding of Projects		3.BCUD- Savitribai Phule Pune University, Scrutiny member for Funding of Projects
		4. Master of Engineering Dissertation Examiner for other Universities.
		5.Ph.D. examining committee member for various research centres and Ph.D. selection committee member for Savitribai Phule Pune University. and
2	Prof. S. S. Ingle	1. UGC approval committee member for recruitment in Savitribai Phule Pune University.
3	Prof. S. V. Bhaskar	UGC approval committee member for recruitment in Savitribai Phule Pune University.

b) International Committees: Nil

c) Editorial Boards: Nil

22. Student projects:

Academic Year	Total number of Projects	Number of Projects carried out in the Institute	Projects Sponsored by Industry
2012-13	37	36	01
2013-14	38	35	03
2014-15	39	39	Nil
2015-16	58	53	05

> Details of Student projects sponsored by Industry/ company

Sr. No.	Name of Students	Title of Project	Name of the Institute's Guide	Sponsored Company				
	Academic Year-2012-13							
1	Shaikh Shahryar Tony Qurian Ms. Sambare Yogini	Design & Manufacturing of WeldingFixture	Prof D P Bhaskar	Larsen & Turbo Ltd Ahmednagar				
		Academic Year-2013-14						
1	Mahajan Chatali S. Naygavankar Surbhi S. Palve Samrudhi S. Pokale Shilpa D.	Pedal Operated Washing Machine	Dr. A. G. Thakur	Kshirsagar Engg. Workshop Kopargaon				
2	Kankrale Swapnil B. Girame Hrushikesh R. Joshi Kaustubh P. Bothe Snehal P.	Development of Multipurpose Seed Plantation Machine	Prof S V Bhaskar	Shree Ganesh Engg. Works Kopargaon				
3	Sanap Sandip Shinde Kiran Sonawane Atul Deep Surve	Design and Fabrication of Soyabeen Cutter (Manually Operated Soyabeen Plant Cutting Machine)	Prof. S V Bhaskar	Sehmbi Auto Engg. Works Kopargaon				
		Academic Year-2014-15						
	Nil	Nil	Nil	Nil				
		Academic Year-2015-16						
1	Gite Swati Haushiram Kanade Amol Jagannath Shinde Vaibhav Ashok Shirsath Amol Machhindra	Parameters Optimization of Resistance Spot Welding By Using Multi- Objective Taguchi Method.	Prof. D. P. Bhaskar	Mahindra CIE Automotive Ltd. Ambad, Nashik				
2	Kulkarni Radhika Rajendra Naik Pooja Sanjay Miss Ranmal Aarti Dattatray Naik Atul Shankarrao	Design Analysis And Automation of Bunding Machine.	Prof. V. J. Suryawanshi	Bhansali Trailors Pvt. Ltd. Kopargaon				
3	Jagtap Prajakta Machindra Kandekar Vishal Sudhakar Madhe Siddhyeshwar Dilip Nimse Yogesh Balasaheb	Design And Development of Hydraulic System With 900 Indexing Mechanism.	Prof. S. R. Thorat	Atlas Copco (India) Ltd. Nashik				
4	Kulkarni Tejashree Uday Kurhade Poonam Uttamrao Rahane Priya Nabaji Mhase Yogesh Dattatraya	Defect Cost Reduction on Across Flat Milling Machine.	Prof. A. A. Joshi	BOSCH, Nashik				
5	Navale Pavan Prakash Sanas Dipesh Ravindra Sangale Rahul Babasaheb Sawant Paritosh Prakash	QCO on AMS Robot Machines – Type Changeover Loss Reduction	Prof. P A Bojage	BOSCH NASHIK				

Number of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies: Nil

23. Awards / Recognitions received by faculty and students

(a) University rank holders

Sr. No.	Name of the Student	Class	Year	University rank
1	Avhad Samadhan Kailash	B.E.	2013	7 th
2	Bhavar Sarjerao Appasaheb	B.E.	2013	8 th
3	Bankar Mahesh Sanjaykumar	B.E.	2013	9 th

(b) List of technical paper presentation events attended/ won by the students

Title of the event	Name of Student	Rank	Organizing Institute	
	Deokar Akshay	and		
	Kadam Kunal	2		
Quest-O-Tronics	Bhansali Sanket		AVCOE, Sangamner	
	Kadam Pramod	$3^{\rm rd}$		
	Sawant Paritosh			
	Gaikwad Pradeep			
	Dhaktode Sainath	and		
Techno- Parv-2013	Dhopate Prasad	2	COE Dahani	
	Sighe Vishal		COE Rahuri	
	Badhe Ujawal	ard		
	Pawar Sagar	3		
Carillani Wisian 2012	Badhe Ujawal	2rd	COE leavener	
Sanjivani vision-2013	Pawar Sagar	3	COE kopargaon	
	Bhadange Gaurav	1 St		
Connoisseur 2k13	Bane Kalpesh	1	AVCOE Sangamnan	
	Nandre Ratnapratik	and	AVCOE, Sangamner	
	Pinjari Tanvir	²		
Yuktarshan-2013	Kotame Prafulla	1 st	COLIV	
	Deokar Akshay	2 nd	COE Kopargaon	
Saniiyani Vision-2013	•	_	COE Kopargaon	
	Quest-O-Tronics Techno- Parv-2013 Sanjivani Vision-2013 Connoisseur 2k13	Quest-O-Tronics Deokar Akshay Kadam Kunal	Deokar Akshay Kadam Kunal Bhansali Sanket Kadam Pramod Sawant Paritosh Gaikwad Pradeep Dhaktode Sainath Dhopate Prasad Sighe Vishal Badhe Ujawal Pawar Sagar Bhadange Gaurav Bane Kalpesh Nandre Ratnapratik Pinjari Tanvir Yuktarshan-2013 Deokar Akshay 2nd 2n	

(c) List of awards won in the inter institute/institute technical events

Sr. NO	Title	Name of Student	Rank	Organized by
	Dipex 2013	VakteVikram	2^{nd}	DIPEX
1.	(Shodh)	UgaleKiran		
		SolakeChandrashekhar		
		AsaneAmol		
2.	Techno-Management	TijoreAkshay	2^{nd}	JSPM, Pune
3.	Dipex 2014	PulateDipali,	1 st	Dipex
		Joshi Prasad		
4.	(Shodh)	DeshmukhRitesh,	1 st	Dipex
		Joshi Rishikesh		
5.	Techkrunch 2013	AherAbhishek,	1 st	G. H. Raisoni Institute
		AherMayur		of Engg. & Mgmt.
		KhaireAbhijeet,		Jalgaon
		Bhaskar Nikhil		
		ChavanChetan,		
		Dighe Vishal		
		ShelarRushikesh,	2 nd	

		KhaireAbhijeet			
		AherMayur,			
		Bhaskar Nikhil			
6.	Torque-2013	DhaktodeSainath, Dighe Vishal	1 st	GOA COE,	
7.		AherAbhishek,	2 nd	╡	
7.		GaikwadPradeep	2		
8.	Tech Theater At	GaikwadPradeep,	1 st	IIT, Indore	
0	Fluxus-2014	AherAbhishek	2 nd	MET, Institute of	
9.	Metech-2013	AherMoyum	2""	,	
10	Techelons-2014	AherMayur	1 st	Engg. AdgaonNashik	
10.	Techelons-2014	AherAbhishek,	1	P. R. Pote (Patil)	
		AherMayur,		Group of Education	
		Dighe Vishal,		Institute Amaravati	
		GaikwadPradeep	and.		
11.		Bhaskar Nikhil,	2 nd		
		ChavanChetan			
		Dhopate Prasad,			
		GaigolChetan			
12.	Techunique-2014	SakhareAkshay,	1 st	Amrutvahini, COE,	
		AherMayur		Sangamner	
		Bhaskar Nikhil			
13.		AherAbhishek,	2 nd		
		AherMayur			
		Bhaskar Nikhil			
14.		KotamePrafulla,	3 rd	7	
		MehetreMahendra			
15.	Sanjivani Vision-	AherMayur,	1 st	SRES, COE,	
10.	2013	AvchatPritesh		Kopargaon	
		VaidyaAkshay,	2 nd		
		WaniSatish	_		
		TupakeYogesh,			
		KhatikVitthal			
		VaidyaAkshay,	3 rd		
		WaniSatish			
		ChavanTushar,			
		PawarSagar			
		NandreRatnapratik,	2 nd	†	
		PinjariTanvir	2		
16.	Cohesion-2013	BadheUjjawal,	3 rd	Vishwabharati,COE,	
10.	Concsion-2013	PawarSagar	3	Ahmedngar	
17.	Techno-Champ	KhandeVaibhav	2 nd	John-deer Pune	
1/.	recinio-champ	Kanade Sachin		John-deel I dile	
		Kanade Saciiii KhokaleSumit			
		JadhavRajnikant			
10	Nirmitee-2015		2 nd	MAEED's Duns	
18.	millinee-2015	SawantParitosh	2	MAEER's Pune	
19.	Citronias 2015	AhorMerma	1 st	Chamali Davi Carrer C	
19.	Citronics-2015	AherMayur	1	Chameli Devi Group of	
		Aher Abhishek Warkhada Mayurash		Institute, Indore	
		WarkhedeMayuresh			
20	D 1	KahaneVinayak	4 et	CETE AT 1	
20.	Roborace	AherAbhishek	1 st	SND, Yeola	
		AherMayur			
		WarkhedeMayuresh			
21.	Roborace	AherAbhishek	1 st	JES's Institute of Tech.	
		AherMayur		Nashik	
22.	Roborace	WarkhedeMayuresh AherAbhishek	1 st	VIT, Pune	

İ		AherMayur	1	
		BoradeTushar		
22	D 1	WarkhedeMayuresh	2 nd	DDEC 1 :
23.	Roborace	AherAbhishek	2	PREC, Loni
		AherMayur		
		Dighe Vishal		
24.	Roborace	Dhopate Prasad	1 st	PREC, COE, Loni
		GaikwadPradip		
25.	Roborace	DangePramod	1 st	Mauli COE & Tech,
		Ahire Uday		Shegaon
		PatilAshish		
		KhistiChinmay		
26.	Robo Mud	DangePramod	2 nd	Mauli COE & Tech,
		KhistiChinmay		Shegaon
		PatilAshish		
27.	Robo- Soccer	BharadeAkshay	2^{nd}	K. K. Wagh, COE,
		ShirsathAmol		Nashik
		ThokePavankumar		
28.	Roborace	DangePramod	2 nd	Amrutvahini COE,
	110001400	PatilAshish	-	Sangamner
29.	Roborace	BharadeAkshay	3 rd	Amrutvahini, COE,
1 27.	10001400	PawarDarshan		Sangamner
30.	Roborace	KhistiChinmay	1 st	Government College of
30.	Roboracc	PatilAshish	1	Engg. Jalgaon
		AhireUday		Eligg. Juiguoli
31.	Roborace	PavankumarThoke	2 nd	Sandip Foundation,
31.	Roborace	DarshanPawar	2	Nashik
		AshishPatil		Nasiik
22	D. L L	AkshaykumarAhire	2 nd	WIT D
32.	Roborhini Robo Race	PramodDange Barbyndhe N.M.	2 nd	VIT, Pune PRES,COE,Loni
34.	Fea-Ansys	Digwa A.S.	2 nd	AccesS-CADD,
34.	1 Ca-Alisys	Digwa A.S.	2	NASHIK
35.	Roborace	Digwa A.S.	2 nd	NASIIIK
36.	Roborace		3 rd	CVTI Chinabali Sinnar
37.		Phatangare A.S.	3 rd	SVTI, Chincholi, Sinner
	Roborace	Ugale D.P.	3	SVTI, Chincholi, Sinner
38.	Cad-Mania	DhanwateAkshay		SNJB, Chandwad,
20	T G : (G)	7 1 115	3 rd	Nashik
39.	Lan Gaming(Cs)	Zambare H.P.	3 rd	PRES, COE , Loni
40.	Lan Gaming(Cs,Nfs)	Zambare H.P.	2 nd	PRES, COE, Loni
41.	Robo Race	WaghM.M.		PRES, COE, Loni
42.	Robo Race	Thorat A.N.	2 nd	PRES,Coe, Loni
43.	Roborace	Pathade S.D.	3 rd	SVIT, Sinner
44.	Robo Race	AherAbhishekh	1 st	IIT, Indore
45.	Bot The Builder	AherAbhishekh	2 nd	IIT, Indore
46.	Bock Warrior	MayurAher	6 th	IIT, Mumbai
47.	Bot The Builder	MayurAher	2 nd	IIT, Indore
48.	Robo Race	AherMayur	1 st	SSGM COE, Shegaon
49.	Robo Race	AherMayur	1 st	IIT, Indore
50.	Robo Race	BoradeTushar	1 st	SSGMCOE,Shegaon
51.	Bock Warrior	KahaneVinayak	6 th	IIT,Mubai
52.	Death Race	KahaneVinayak	2 nd	IIT,Indore
				,
53.	Monster Arena	KahaneVinayak	3 rd	VJTI,Mumbai
54.	Robo Race	Patel Niraj	1 st	IIT,Indore
55.	Bot The Builder	Patel Niraj	2 nd	
			Position	
56.	Death Race	Patel Niraj	2 nd	SSGM.COE,Shegaon

57.	Monster Arena	Patel Niraj	3 rd	VJTI,Mumbai
58.	Robo Race	WarkhedeMauyresh	1 st	IIT,Indore
59.	Bot The Builder	WarkhedeMauyresh	2 nd	IIT,Indore
			Position	
60.	Death Race	WarkhedeMauyresh	2 nd	IIT,Indore
61.	Bot the Builder	VaidyRohan	2 nd	IIT,Indore
62.	Monster Arena	AherAbhishek	3 rd	VJTI,Mumbai
63.	Robo Race	RohanVaidya	1 st	SSGM, COE,Shegaon

(d) List of awards won in the inter institute sports events

Sr. No.	Title	Name of Student	Level	Organized by
1	Badminton	Mahajan Chaitali	District Zone	SPPU,Pune
2	Badminton	Chaudhari Anand	All India Inter	Rohtak Hariyana
3	Base Ball	Gunjal Deepak	All India Inter	University of Delhi
4	Basket ball	Dipali Pulate	Inter College Tournment	SPPU,Pune
5	Badminton	Suraj Karandikar	Inter College Tournment	SPPU,Pune
6	Hand ball	Pokale shilpa	Inter College Tournment	SPPU,Pune
		Pulate Dipali		
7	Table tennis	Awari Prajit	Inter College Tournment	SPPU,Pune
		Sayyad Nihal		
8	Soft ball	Ratnaparkhi Parikshit	Inter College Tournment	SPPU,Pune
		Wagh Ajay		
		Bane Kalpesh		
		Thombare Sagar		
		Dalvi Tejas		
9	Swimming – 50 Mtr. Brest Stroke	Chaudhari Pranjal	Inter College Tournment	SPPU,Pune
10	Fencing- foil	Khadangale Prasad	Inter College Tournment	SPPU,Pune
		Lahare Prithviraj		
11	Baseball	Ratnaparkhi Parikshit	National level Inter-	-
		Wagh Ajay	Engineering	
		Bane Kalpesh		
		Thombare Sagar		
12	Hockey	Gaikwad Ganesh,	Inter Zonal Tournaments	SPPU,Pune
13	Hockey	Bhagat Tejas,	Inter Zonal Tournaments	SPPU,Pune
		Kankrale Mahesh		
14	Baseball	Patil Nikhil	Inter Zonal Tournaments	Baramati
15	Baseball	Rane Shubham	Inter Zonal Tournaments	Baramati
16	Hockey	Tuwar Abhishek	Inter Zonal Tournaments	Pune
17	Hockey	Gawand Ganesh	Inter Zonal Tournaments	Pune
18	Baseball	Dahapute Shreyash	Inter Zonal Tournaments	Baramati

(e) List of awards won in the SAE organized events

Sr. No.	Event	Winner Student name	Rank
1	Auto quiz-I competition	Dhumal Pranav U	1 st
2	Auto quiz-II competition	Bodhe Rihit	1 st
3	Robomania	Abhishek Aher,	1 st
		Pratik Adhar,	
		GauravAmrutkar,	
		PritishAwchat	
		TusharChavan,	2 nd
		HarshrajWankhade,	
		SatishWani,	
		Akshay Vaidya	
		Pradip Susundre,	3 rd
		Sagar Rathod,	
		SagarParner	
4	PPT Competition	Ajinkya Salunke	1 st
		KhandeVaibhav,	
		RahanePriya,	
		Ranmal Aarti.	
		Deokar Akshay	2 nd
		Pawar Sagar	3 rd
5	Desi-Tech Competition.	46 Students Participated	
6	Robo-mania	Abhishek Aher's Group	
7	Workshop	33 PresentStudents	
	onHowFabricateDCMotor Robot		
8	Workshop on Robo Design Using	5 Groups of 24 Students	
	MATLAB Sixth Sense Technology.	Total 120	
9	Engino Tech	Rushikesh Patil's Group	1 st
10	Moto GP-13 (Robo race)	Bhagwati tigers Group	1 st
		Niranjan Kurhe,	2 nd
		Pankaj Vatare,	
		Prashant Chaudhari,	3 rd
		Pravin Tayde	
11	King of ring (Robo war)	Archana Khair,	1 st
		Samiksha Dambir	1
12	Auto-Quiz	Gite Sunil B.	1 st
		Dhamdhere Dhananjay	2 nd
		Dahapute Shreyas	1 st
		Chaudhari Rohit	
		Bhagwat Tejas	
		Pawar Vasudev	
		Pujari Shivkumar	
		Nandedkar Vineet	
		Bhomle Ashutosh	2 nd
		Atram Prashant	
		Nilesh Deore	7
		Aher Abhishek	1 st
		Aher Mayur	7
		Gaikwad Pradip	7
		Sawant Paritosh	2 nd

		Wani Satish	
		Patil Vivek	
		Patil Divya	
		Sadaphal Koyal	
		Khatik Punam	
		Parate Amit	3 rd
		Nirmal Vikas	
		Kadkhade Sachin	
15	Cad War	Gunjal Bhavik	1 st
		Jadhav Ankita	2 nd
16	Robo Soccer	Pote Suraj	1 st
		Parate Amit	2 nd
17	PPT Presentation Competition	Khande Vaibhav	1 st
		Avchat Pritish	2 nd
		Mahalpure Swapnil	1 st
		Dhamdhere Dhananjay	
		Pote Suraj	2 nd
		Pagar Gitesh	
		Sonawane Ganesh	

24. List of eminent academicians and scientists / Visited to the Department: -

Sr. No.	Name of Speaker	Topic	Date	Audience Staff/ Student
1	Dr. G. Venkatesha Rao H.O.D. Dept. of Mechanical Engineering. J.N.T.U. Hyderabad	Rapid Prototyping	09/08/2014	Student (B.E.)
2	Mr. Atul Bakare Scientist –F, Addl. Regional Director RCMA,Nasik	Basic Concepts of Engineering Technology	21/02/2015	Student (B.E. & S.E.)
3	Prof. Mohd. Ranzan- Professor MMANTC, College of Engineering, Malegaon. DistNashik	Nano-Composite Material - A research Horizon	25/02/2015	Faculty and Students
4	Dr. C.Y. Seemikeri, Government Polytechnic, Karad	One Week STTP on Design of Experiments and Optimization	1/6/15 to 5/6/15	Faculty and Students
5	Dr. Anand Kulkarni, Symbiosis Institute of Technology, Pune	Techniques (DOE-OT- 15)		
6	Dr. P. J. Pawar, Professor, Dept. of Production Engg. K. K. Wagh C. O. E. Nashik			
7	Dr. S. S. Mahapatra Professor, Mech. Engg. Dept.			

	National Institute of Technology, Rourkela			_
8	Mr. R. R. More Scientist D. R. D. O. Govt. Of India VRDE- Ahmednagar	Two Days FDP on 'Finite Element Methods for Engineering	March 22- 23, 2016	Faculty and Students
9	Dr. S.K. Panigrahi, DIAT, Pune	Applications (FEM-		
10	Dr. H.S. Joshi, BATU, Lonere	FEA-2016)'		

25. Seminars/ Conferences/Workshops organized & the source of funding:-

> National

Sr.	Title of Workshop	Conference	Duration	Source of
No.	2 11 1771 1 12	/Workshop		Funding
1	Sanjivani Vision12	Conference	24-26 Feb.2011	Self Sponsored
2	Sanjivani Vision 13	Conference	22-23 Feb.2013	Self Sponsored
3	TechnoSanjivani14	Conference		Self Sponsored
4	Two days National workshop on 'Condition monitoring of Machine Elements using FFT vibration analyzer'	Workshop	12-13 Jully 2013	Self Sponsored
5	One Day Workshop On Lab Practice Teaching Methodologies for "Materials Science and Metallurgy	Workshop	27 Jan. 2014	Self Sponsored
6	Three days' workshop on entrepreneurship development	Workshop	24-26 Feb 2014	Self Sponsored
7	Two days' workshop on 'Application of Neural Network, Fuzzy Logic and Genetic Algorithm in Engineering'	Workshop	7-8 April 2014	Self Sponsored
8	Sanjivani Vision 13	Conference	17-19 2013	Self Sponsored
9	TechnoSanjivani14	Conference		Self Sponsored
10	One day workshop on 'lab practices for Hydraulics and Pneumatics	Workshop	6 Sept.2014	Self Sponsored
11	One day workshop on 'present status and future trends in renewable energy resource'	Workshop	Oct 2014	Self Sponsored
12	Two days national workshop on Design of Machine elements with standard practices used in design office	Workshop	2-3 Jan.2015	Self Sponsored
13	Three Days workshop for students on "Entrepreneurship awareness"	Workshop	14-16 Feb.2015	Self Sponsored
14	One day Workshop on Nano- composite material-A research horizon	Workshop	25 Feb 2015	Self Sponsored
15	One day workshop on 'Use of MS-Excel Design Engineering'	Workshop	10/03/2015	Self Sponsored

16	One Week ISTE approved STTP	Workshop	1-5 June 2015	ISTE
	on Design of Experiments and			
	Optimization Techniques			
	(DOE-OT-15)			
17	TechnoSanjivani15	Conference		Self Sponsored
18	Two days workshop on design and	Workshop	10-11 Sept.2015	Self Sponsored
	fabrication of aircraftby			
	AEROTRIX, Banglore			
19	Two days National level faculty	Workshop	22-23 Feb.2016	SPPU-Pune
	development program on 'Finite			
	Element Methods for Engineering			
	Applications(FEM-FEA 2016)'			
20	3 D Printing	Workshop	10-11 Feb.2016	Self Sponsored
21	Sanjivani Techfest 16	Conference	12-13 Feb 2016	Self Sponsored
22	Techno Sanjivani16	Conference		Self Sponsored

> International :- Nil

26. Student profile programme/course wise:-

Name of the	Applications	Selected	Enre	olled	
Course/programme	Received		*M	*F	Pass percentage
(refer question no. 4)					
2012-16	Centralized	224	187	37	71.42%
2011-15	Admission	139	123	16	84.89%
2010-14	Procedure	146	124	22	83.56%
2009-13		146	128	18	89.65%

^{*}M = Male *F = Female

27. Diversity of Students:-

UG:

Year of Admission	Name of the course	% of students from the same state	% of students from other States	% of students from abroad
2015-16		100	Nil	Nil
2014-15	DEAL 1 1	100	Nil	Nil
2013-14	BE(Mechanical)	99.17	0.82	Nil
2012-13		99.17	0.82	Nil

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

Year	GATE	Defence services	Civil services
2013-2014	21	Nil	Nil
2014-2015	18	Nil	Nil
2015-2016	03	Nil	Nil

29. Student progression

Student Progression %	Against % enrolled			
	2012-13	2013-14	2014-15	2015-16
UG to PG	15.06%	14.38%	12.95%	13.39%
PG to M. Phil	-	-	-	-
PG to Ph.D	-	-	-	-
Ph.D. to Post-Doctoral	-	-	-	-
Employed - Campus Selection	14.38%	5.47%	6.72%	29.91%
- Other than Campus Recruitment	56.16%	43.83%	42.45%	18.30%
Entrepreneurship / Self- employment	Nil	Nil	Nil	Nil

30. Details of Infrastructural facilities (Programme specific):-

Sr.	Infrastructural facility	Details of Item	Number
No.			
	Library	Title	4446
	Total library Area: 1096.35 (Sq.m.)	Volumes	11710
1		Journals	18
	Library Timings	Journal In softcopy	149
	Circulation Hrs: 9.00 am to 6.30 pm.	CDs	3351
2	MESA (Mechanical Engineering Student Association)	Total Books available	360
	Library	Total Books available	
	Central Internet laboratory facility for staff and	Computers	120
3	students	Internet facility and	80-100 Mbps
	students	Bandwidth	
4	Classrooms	with ICT facility	7
		Drawing hall	3
5	Seminar Hall	with ICT facility	1
	Laboratories	UG (Major euip. :	14
		Gas analyzer, I.C.	
6		Engine trainer kit)	
		Post Graduate	1
		Research	1
7	Tutorial Room	UG	3
,		PG	1

Sr	Name of Laboratory	Area	Total number of	Total cost of the
No.		(Sq. M)	experimental	laboratory
01	Steam Laboratory	165	11	690287.00
02	Refrigeration and Air Conditioning	97	16	327407.00
03	Heat Transfer Laboratory	140	10	179987.00
04	I.C. Engines Laboratory	165	14	1702390.00
05	Fluid Machinery Laboratory	210	07	300005.00
06	Industrial Fluid Power Laboratory	82	04	338763.00
07	Mechatronics Laboratory	83	11	756016.00
08	Metallurgy Laboratory	165	44	2209001.00
09	Metrology Laboratory	66	45	828547.00
10	Theory of Machines Laboratory	97	15	280482.00
11	P.G. Design laboratory	66	12	2107423.00
12	Project laboratory	66	43	117599.00
13	CAD/CAM laboratory	100		10251345.00
14	Research Laboratory	66	03	1610075.00

> Availability of computing facilities in the department

Name of the Laboratory	Number of Computers Available
Research laboratory	24
CAD/CAM laboratory-A	21
CAD/CAM laboratory-B	21
CAD/CAM laboratory-C	25
Computers allotted to Faculty members	37

- All four CAD/CAM / Computer labs are LAN connected.
- Different software platforms like MATLAB, CADIAN, AUTOCAD, UNIGRAPHICS, ANSYS, MASTERCAM, PRO-E, etc. are available.
- Labs are made available during recess time and, also after the end of the semester for extra practice if required.

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

Sr.	Details of Financial Assistance	Academic year/ No of students				
No.		2013-14	2014-15	2015-16	2016-17	
1	OBC Freeship	179	221	250	272	
2	SC Freeship	43	50	64	64	
3	SBC Freeship	03	06	08	14	
4	ST Freeship	16	18	17	13	
5	VJ/NT Freeship	58	65	74	90	
6	TFWS	06	06	06	06	

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

Sr. No.	Name of the Speaker	Торіс	Date	Audience Staff/ Student	No. of Staff /Students Present
1	Mr. Vasant Mistry	Career opportunities in Oil and Gas Section	23/12/2013	Student (T.E.)	117
2	Mrs.Satbir Brar Business Head-Skill Development Nashik Enineering Cluster, Nashik.	Carrier Opportunities for Graduate Engineer in Automobile Industry	23/01/2014	Student (B.E.)	112
3	Prof. P.N. Kalawadekar	Machine Vision system	26/03/2014	Student (B.E.)	136
4	Mr. Bhavar Sarjerao M.Tech. Student IIT-Mumbai	GATE-2014	09/08/2014	Student (T.E.)	63
5	Mr Biswajit Karmakar Asst. Manager Bosch Ltd. Nasik.	Personality Development	13/09/2014	Student (B.E.)	126
6	Mr. Ravindra S.Kolhe N.B.Technologies, Pune.	Carrier Opportunities in Mechanical Engineering	27/01/2015	Student (T.E.)	105
7	Mr. Amit Rohmare	Carrier Guidance and Opportunities in Mechanical Engineering	03/02/2015	Student (B.E.)	106
8	Mr. Shailesh P. Patil Tata Technologies Ltd ,Pune	Virtual Product Development and Opportunities in Auto Industries	23/02/2015	Student (T.E.)	100
9	Mr. Arun P. Kulkarni Sr. Manager (Production) Premium Transmission Ltd, Aurangabad	Applications of Modern Tools for Business Solutions	04/03/2015	Student (T.E.)	118
10	Mr. Boban Chako Group Head Cadre Management, Tata Power Co. Ltd	Guidance for Placement	20/03/2015	Student (T.E. & B.E.)	177
11	Mr Abhishek Bhamare Sr. Design Engineer, Marathwada Auto Cluster, Aurangabad	Industrial organization and FEA lead design process.	27/06/2015	Student (B.E.)	153

12	Mr. Anil Tribhuwan Manager Engg. Solution, Johnson Control, Mumbai	RAC and its Industrial Applications.	04/07/2015	Student (B.E.)	112
13	Mr. Amit Rohmare	Carrier Guidance and Opportunities in Mechanical Engineering	10/07/2015	Student (B.E.)	168
14	Mr. Sagar Salunke Technical director, Edu CADD, (Banglore)	Carrier Opportunities for Mechanical Engineer in CAD industries and courses available.	04/08/2015	Student (T. E. And B.E.)	389
15	Mr. Harshal Malpure Manager Taxi for Sure, Banglore	Opportunities in Statistics and Operational Research In Industry	27/08/2015	Student (B.E.)	69

Various skill development programs are conducted in the department by the experts from Industries for the students to enhance their technical knowledge and personal development

Sr. No.	Course	No. of Students	Duration	Faculty and Name of Institute/	Date
1.	CATIA SOFTWARE	58	48 Hrs.	Mr. Devendra Kumar Indo-German Tool Room, Aurangabad.	05/06/2015- 18/06/2015
2.	ANSYS SOFTWARE	42	36 Hrs.	Mr. Ghatage R. S. Indo-German Tool Room, Aurangabad.	17/7/2015- 31/07/2015
3.	Soft Skill training for S.E. students	212	08 days	APART, Eucation, Pune.	
4.	Soft Skill training for T.E. students	208	12 days	APART, Eucation, Pune.	
5.	Soft Skill for B.E. students	150	12 days	APART, Eucation, Pune.	
6.	Soft Skill training for S.E. students	212	06 days	SCOUT Technologies, Pune.	
7.	Soft Skill training for T.E. students	219	06 days	SCOUT Technologies, Pune.	
8.	Soft Skill for B.E. students	223	06 days	SCOUT Technologies, Pune.	

33. Teaching methods adopted to improve student learning

- 1. Power point presentations.
- 2. Self-Learning
- 3. Industrial visits
- 4. NPTEL Videos
- 5. Tutorial classes
- 6. Practical classes
- 7. Content beyond syllabus

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Sr. No.	Type of activity	Duration	Details of activity	Participants (students & faculty)
1	Tree Plantation	2015-16	The two groups were instructed to go in Smashan Bhoomi area for tree plantation and the remaining groups were instructed to go near civil hospital for soak pit. Around 100 trees are planted at Smashan Bhumi.	30 students
2	Cleanliness program	2015-16	The meeting was held at Grampanchayat of village Koakamthan and it was decided to work into groups. Each group chose the roads to be cleaned. Student volunteers had almost cleaned the whole village and gave the message to the villagers to clean their houses along with nearby areas.	30 students
3	Computer Education	2013-14	Student volunteers visited the Karmaveer Shankarraoji Kale Secondery school, Sonewadi and provided the students with the sound knowledge of the basics of computer. They taught the students how to ON/OFF the computer, about its part, Microsoftword, Cut-Copy-Paste option etc.	19 students
4	Aids Awareness camp	2013-14	An Aids awareness camp has been organised for all the villagers ladies and gents of Sonewadi. Dr. Shelendra Singh Chauhan along with Dr. R. M. Dokhe have explained about the causes, transmission and the effects of AIDS. He threw the light over the misconcept of inhuman behavior given to the AIDS victim.	19 students
5	Law Literacy camp	2014-15	A law literacy camp has been organised for all the villagers ladies and gents of the villageSonewadi .Adv. C. M. Wable, from kopargaon guided people regarding the Human Rights. He focused on the rights of the citizen of our country. He explained the meaning of 'Right' and made people aware of the same. He and his team Adv. S. M. Gujar, Adv. D. G. Devkar, Adv. C. P. Jape, Adv. A. G. Deshmukh, Adv. B. C. Satav have given information about different laws related to human rights. Adv. B. C. Satav talked about the Constitutional Laws and their implementation. He made aware of the duties of the people as the citizens of our country.	19 students
6	Blood donation program	2014-15	The camp is being organized to mark birthday celebration of our founder President of 'Sanjivani Rural Education Society', Hon'ble Shri. Shankarraoji Kolhe Saheb.	370 students
6	Swachha Bharat	2014-15	Swachha Bharat Abhiyan is carried out on 2 nd October 2014.We have cleaned total five	

	Abhiyan		major roads which meet at centre point of	
			Kopargaon near Bus stand. This is followed by	
			celebration of Mahatma Gandhi Jayanti.	
7	Cloth collection and	2014-15	Cloths collection and distribution program is carried out in college of Engineering on 22 nd to 24 th January 2014. Staff distributed those	
	distribution programs		cloths to the needy people in adopted village.	

35. SWOC analysis of the department and Future plans

* Strengths

- 1. Experienced and Qualified Faculty.
- 2. 3 times NBA Accredited
- 3. Good staff-students ratio
- 4. ISO certified
- 5. IEI certified
- **6.** Committed Technical Supporting Staff.
- 7. State of art Infrastructural Facility

* Weakness

- 1. Research and Development
- 2. Consultancy Need to be improved
- 3. Communication skill among the students' needs to improve.

* Opportunities

- 1. Research Funding from external agencies
- 2. Collaboration with more reputed industries

* Challenges

- 1.To meet requirements of industries.
- 2.To improve the soft skills and to develop the communication skills of students.

* Future Plan

- 1. Funded research projects with collaboration of government and private organizations.
- 2. Collaboration with reputed industries as wellSmall Scale Industries.
- 3. Tie-ups with National and International Educational Institutes.
- 4. Faculty Qualification Improvement
- 5. Enhancing Soft-skills, Aptitude Skills and Technical skills of the students

Department of MBA





Self Study Report [SSR]

Evaluation Report- Department of MBA

1. Name of the department: MBA

2. Year of Establishment: 2010

3. Names of Programme: PG- Master of Business Administration (MBA)

4. Names of Interdisciplinary courses and the departments/units involved: Nil

5. Annual/semester/choice based credit system (Programme wise):

Semester Choice based Credit System

6. Participation of the department in the courses offered by other departments: **Nil**

7. Courses in collaboration with other universities, industries, foreign institutions, etc: Yes

Details of Courses Offered to the Students by University of Lethbridge, Canada

S/r No	Student Name	Year	Course Code	Courses Offered
01	Mr. Sharad Joshi	2013	MGT 4220	International Marketing
02	Mr. Sharad Joshi	2013	MGT 3680	Canadian Culture & Management
03	Mr. Vishal Jadhav	2013	MGT 4220	International Marketing
04	Mr. Vishal Jadhav	2013	MGT 3680	Canadian Culture & Management
05	Mr. VikramLodha	2013	MGT 4220	International Marketing
06	Mr. VikramLodha	2013	MGT 3680	Canadian Culture & Management
07	Mr. Prasad Thete	2015	MGT 3420	Canadian Management & Non Profit Sector
08	Mr. SagarHegadmal	2015	MGT 3420	Canadian Management & Non Profit Sector
09	Mr. SagarDighe	2015	MGT 3420	Canadian Management & Non Profit Sector
10	Mr. AkshayBorade	2015	MGT 3420	Canadian Management & Non Profit Sector
11	Mr. Ganesh Raisoni	2015	MGT 3420	Canadian Management & Non Profit Sector

8. Details of courses/programmes discontinued (if any)with reasons: Nil

9. Number of teaching posts

Post	Sanctioned	Filled
Professors	01	01
Associate Professors	02	02
Asst. Professors	05	05

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

Sr. No	Name	Qualification	Designation	Specialization	Experience (years)	No. of Ph.D. students guided for the last 4 years
1.	Dr. Malkar Vinod Ramchandra	BE (Mech), MBA (Mkt), Ph.D Management	Professor & Head	Marketing Management	12 yrs	Nil
2.	Dr. Tidke Vishal Madhukar	BE (Chem) MBA Finance, Ph.D Management	Associate Professor	Financial Management	8 yrs	Nil
3.	Dr. Bhayani Mital. Shardul	B.Sc. MBA Finance, Ph.D Management	Associate Professor	Financial Management	8 yrs	Nil
4.	Mr. Jaswal Ashish Rajendrapal	B. Pharm MBA Marketing	Assistant Professor	Marketing Management	17 yrs	Nil
5.	Mr. Aher Yogesh. Laxman	BHMCT MBA (HRM)	Assistant Professor	Human Resource Management	8 yrs	Nil
6.	Ms. Kawle Pooja Sadanand	B.Com MBA Finance	Assistant Professor	Financial Management	7 yrs	Nil
7.	Ms. Linta Daniel	B. Tech MBA HR and Marketing	Assistant Professor	Human Resource Management	3 Yrs	Nil
8.	Mr. Shinde Kiran	BBA (Marketing). MBA (Marketing, HR),	Assistant Professor	Marketing Management	5Yrs	Nil
9.	Ms. Chawla Harsha	B. Sc(Chem), MA (Eng), MBA(HR)	Counselor	Human Resource Management	10	Nil

11. List of visiting faculty:

- Prof. S.P. Ghodke (Assistant Prof. Sanjivani Arts, Commerce and Science College)
- Prof. C.P. Mohite (Assistant Prof. Sanjivani Arts, Commerce and Science College)
- Prof. N.B. Erande (Assistant Prof. Sanjivani Arts, Commerce and Science College)

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: Nil

- 13. Student-Teacher Ratio (programme wise) 15: 1
- **14**. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

Type of Staff	Sanctioned	Filled
Technical Support	00	00
Academic Support	01	01

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

Sr. No	Name of Faculty	Qualification	PG Status	Ph.d Status
1.	Dr. V. R. Malkar	BE (Mech), MBA (Marketing), Ph.D (Organization Management)	Completed	Completed
2.	Dr. V. M. Tidke	BE (Chem) MBA Finance, Ph. D (Financial Management)	Completed	Completed
3.	Dr. M. S. Bhayani	B.Sc. MBA Finance Ph. D (Financial Management)	Completed	Completed
4.	Mr. A. R. Jaswal	B. Pharm, MBA Marketing	Completed	Pursuing
5.	Mr. Y. L. Aher	BHMCT MBA HRM	Completed	Pursuing
6.	Ms. P. S. Kawle	B.Com MBA Finance	Completed	
7.	Ms. L. S. Daniel	B. Tech MBA HR and Marketing	Completed	-
8.	Mr. K. S. Shinde	BBA (Marketing), MBA (Marketing, HR),	Completed	-

16. Number of faculty with ongoing projects from a) National b)International funding agencies and grants received :

Grants received from BCUD, SPPU Pune

Sr.	No	Year	Name of Investigator	Title of Research Projects /Schemes	Name of the Funding Agency	Duration of the Project/ Schemes	Amount Sanctioned (Rs.)	Major /Minor
	1	2013- 15	Dr. V. R. Malkar	Study of problems and future prospects in small scale food processing industries with special reference to Ahmednagar district Maharashtra, India	BCUD SP Pune University	2 years	160000	Minor
	2	2013- 15	Dr. B. M. Londhe	Role of Co- operative Milk Unions in Economic development of milk producers in Kopergaon and Sangamner taluka	BCUD SP Pune University	2 years	150000	Minor

- 17. Departmental projects funded by DST-FIST;UGC, DBT, ICSSR, etc. And total grants received: Nil
- 18. Research Centre/facility recognized by the University: Nil
- 19. Publications:

Sr. No	Name of faculty	National/ International Conference	Journals	Total
1.	Dr. V.R. Malkar	12	7	19
2.	Dr. V. M. Tidke	7	2	9
3.	Dr. M. S. Bhayani	5	3	8
4.	Prof. A. R. Jaswal	0	2	2
5.	Prof. Y. L. Aher	3	3	6
6.	Prof. P. S. Kawale	5	2	7
7.	Prof. L. S. Daniel	0	1	1
	Total	32	20	52

20. Areas of consultancy and income generated :Nil

21. Faculty as members in

a) National committees:

Sr.No	Committee member	Committee
	Dr. V.R.	Local Inspection committee member at SP Pune University
1	Malkar	Reviewer of A National Conference on-Enhancing
1	Maikai	Employability through skill development program
2	Dr. V.M. Tidke	Reviewer of A National Conference on-Enhancing
2	DI. V.IVI. HUKE	Employability through skill development program
2	Dr. M.S.	Reviewer of A National Conference on-Enhancing
3	Bhayani	Employability through skill development program

b) International Committees:

- Dr. V.R. Malkar: Reviewer of International Conference (Global Science Congress) on Emerging trends in Basic and Applied Sciences helps at Kathmandu Nepal on International Conference
- Dr. V.M. Tidke: Reviewer Of "SANJYOT 2016"-International Conference on Recent Trends in Management, 05-06 Feb. 2016.
- Dr. M.S. Bhayani: Reviewer Of "SANJYOT 2016"-International Conference on Recent Trends in Management, 05-06 Feb. 2016
- Prof. A. R. Jaswal: Reviewer Of "SANJYOT 2016"-International Conference on Recent Trends in Management, 05-06 Feb. 2016

a) Editorial Boards:

- Dr. B.M. Londhe: "SANJYOT 2016"-International Conference on Recent Trends in Management, 05-06 Feb. 2016
- Dr. B.M. Londhe: "Sanjyot 2015" A National Conference on-Enhancing Employability through skill development program-23rd -24th January 2015
- Dr. V.M. Tidke: Sanjivani Bulletin and Sanjivan Magazine

22. Students projects

- a) Percentage of students who have done in-house projects including interdepartmental/programme : 0%
- b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/ other agencies: 100%

23. Awards/Recognitions received by faculty and students:

Sr No.	Name	Award/Recognition
1.	Dr. V.R Malkar	 Best Teacher Award from Lions Club Pune in Association with Dr. Ajinkya DY Patil University, Pune Fellowship Award from Global Society for Basic and Applied Sciences (GSBAS) Recognition as Ph.D Guide Letter of Appreciation 2016-2017 for outstanding feedback from students. Letter of Appreciation 2011-2012 for best result Letter of Appreciation 2010-2011 for best result Letter of Appreciation for Guest Lecture on Role of Women in Indian Agriculture & oppurtunities in Agro-Processing sector in India at University of Lethbridge Canada in June 2012 Recognition for Ph.D by Z.P Primary School, Kopargaon
2	Dr. V.M. Tidke	 Appreciation for Guest Lecture on Skill Development Appreciation letter for active involvement on Admission of Sanjivani Toddlers Letter of Appreciation 2016-2017 for outstanding students feedback Letter of Appreciation 2011-2012 for best subject result Letter of Appreciation 2010-2011 for best subject result
3	Dr. M.S Bhayani	 Letter of Appreciation 2016-2017 for outstanding students feedback Letter of Appreciation 2010-2011 for best subject result
4	Mr.A.RJaswal	Letter of Appreciation 2016-2017 for outstanding students feedback
5	Mr. Y.L Aher	Letter of Appreciation 2016-2017 for outstanding students feedback

Students Participation: Awards/Recognition Received By Students

Sr No.	Name	Type	Award/ Recognition/ Achievements
1	Rohini Bairagi	Award	Recognition for Being Runner in Business Quiz at IMS Ahmednagar
2	Anuja Kulat	Award	Recognition for Being Runner in Business Quiz at IMS Ahmednagar

	T		
3	Taufik Firoz Pathan	Achievement	Winner in AVISHKAR-2015 a zonal level
			Research Competition
4	Ganesh Raisoni	Achievement	Winner in AVISHKAR-2015 a zonal level
	Ganesii Raisoiii	r terme verment	Research Competition
5	Kalyani Ashok	Achievement	Winner in AVISHKAR-2015 a zonal level
3	Shinde	Acmevement	Research Competition
6	Santhosh Uttam	Achievement	Winner in AVISHKAR-2015 a zonal level
U	Hajare	Acmevement	Research Competition
7	Shidika Bhattad	Award	Won 3 rd prize in Poster presentation in Texpert
'	Siliulka bilattau	Awaru	2016 District Level Technical Event
0	T ('1 E' D 4	A 1	Won 3 rd prize in Poster presentation in Texpert
8	Taufik Firoz Pathan	Award	2016 District Level Technical Event
			Won 3 rd prize in Poster presentation in Texpert
9	Amolkhadangde	Award	2016 District Level Technical Event
			Certificate for Passing Ad-Word Fundamentals
10	Vaishnavi Avhad	Recognition	and Video Advertising Exams by Google
			Placement in Airtel with Rs.3.Lakhs CTC Per
11	Faske Mahesh Vinod	Achievement	annum
	Porwal Shashank		Placement in Airtel with Rs.3.Lakhs CTC Per
12		Achievement	
	Rajendra		annum
13	Labade Avinash	Achievement	Placement in Axis Bank with Rs.2.47.Lakhs
	Dilip		CTC Per annum
14	Lalwani Krutika	Achievement	Placement in Axis Bank with Rs.2.47.Lakhs
17	Narendra	1 Terric veriferit	CTC Per annum
15	Malokar Amol	Achievement	Placement in Axis Bank with Rs.2.47.Lakhs
13	Krushna	Acmevement	CTC Per annum
1.0	Avhad Vaishnavi	A 1.	Placement in Axis Bank with Rs.2.47.Lakhs
16	Suresh	Achievement	CTC Per annum
	Khandagle Amol		Placement in Axis Bank with Rs.2.47.Lakhs
17	Raosaheb	Achievement	CTC Per annum
L			

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

Sr. No.	AY	Name of Eminent Person	Designation	Organization
1		Mr. Milind Biwalkar	Behavioural Skills Trainer	Insights Behavioral Solutions
2		Dr. Sangram Tambe	Director	Strategic Human Resource Consultant, Mumbai
3	2016-17	Capt (Dr).C.M.Chitale	Former Dean Faculty of Management Pune	Savitribai Phule Pune University ,Pune
4		Dr. Kamal K. Jain	Professor (OB & HR)	IIM Indore

5		Mrs Ashu Sawhney	Head Recruitment, Engagement and Rewards	DCB Bank
6		Mr. Pankaj Shrivastava	Chief Operating Officer	Digicore Technologies Pvt. Ltd.
7		Mr. Leenesh Uike	HR Head	Atom Technologies (FT Group
8		Mr. Bhuvanesh Gadkari	HR Manager	V-Trans (India) Limited
9		Dr. Bimraya Metri	Dean, Alumni	International Management Institute, New Delhi
10		Mr.Sachindanand Ramrao Kulkarni	Vice President HR & Cultural	Webonise Lab Pvt Ltd Pune
11		Dr .Shantam Shukla	Strategic Manager FPM-IIMA	Varroc
12		Dr. George C. Gonzalez	Professor of Accounting	University of Lethbridge Calgary, Alberta
13		Mr. Siddharth Prabhakar	Director	Floating Campus
14	2015-16	Dr. Sachin Bhide	Marketing Strategy Consultant	Eha Managemement Consultancy
15		Mr. Kundan Karna	Head HR & Admin	Jindal Saw limited
16		Mr. Dalbir Singh Virdi-	Strategic Advisor	Datamatics ,Mumbai
17		Miss. Sahiba Dhandhania	Co Founder	Purple Squirrel Eduventures Pvt. LtdMumbai
18		Mr. Vijay Shejval Patil	Senior Manager- Central Engineering Services	Reliance Energy Ltd, Mumbai
19		Mrs .Urja Patil	Director	Momentum Consultancy Mumbai
20.		Mr. Mahesh Murthy	Founder	Founder, Pinstorm, Co-founder, Seedfund, Keynote Speaker, Brew Crafts Micro brewing Pvt. Ltd
21.		Mr. Krishna Iyer	AVP- Ad Sales	Quikr.com, Mumbai
22.	2014-15	Mr.Bhaskar Joshi	GM-HR	Somaiya Group of Industries
23.		Dr.Jhon Lee	Vice President	Kyungdong University,Korea
24.		Dr. E. B. Khedkar	Dean Management	SP Pune University

25.		Dr. Arun Ingle	Director,	IBMRD, ViladGhat
26.		Dr. Sameer Deshpande	Professor	University of Lethbridge Calgary, Alberta
27.	2013-14	Mrs.Radhika Mulay	Project Director	Maharashtra Center of Entrepreneurship Development (MCED)
28.		Mr. Ketan Chande	Faculty	(N.I.T.I.E.) Mumbai
29.		Mrs. Namrata Khosla	HOD, Training and Placement	ITM,Mumbai
30.		Anuradha Deshpande	CEO	Perfect HR Academy, Pune
31.		Hindurao Rao	D.G.M	Tata Power Mumbai
32.	2011-12	Mahesh Halale	Professor	Vishwakarma Institute Of Management Pune
33.		Dr Sunil Dokhe	Professor	Vishwakarma Institute Of Management Pune
34.		Mr. Nilesh Chavan	SME Loan Manager	State Bank of India, Kopargaon Branch

25. Seminars/ Conferences/ Workshops organized & the source of funding

a) National

Year.	Name of the Dept.	No. of University Local Conferences, Seminars, Symposia, and workshops	No. of National Conferences , Seminars, Symposia and workshop	Source of funding
2014-15	MBA Dept.	National Conference	"Sanjyot 2015" -A National Conference on-Enhancing Employability through skill development program-23rd - 24th January 2015	Savitribai Phule Pune University under Quality Improvement Program

b)International

Year	Name of the Dept.	No. of University Local Conferences, Seminars, Symposia, and workshops	No. of National Conferences , Seminars, Symposia and workshop	Source of funding
2015- 16	MBA Dept.	International Conference	"SANJYOT 2016"- International Conference on Recent Trends in Management, 05-06 Feb. 2016,	Savitribai Phule Pune University under Quality Improvement Program

26. Student profile programme/course wise:

Name of the			Enro	lled	
Course/programme (refer question no. 4)	Applications received	Selected	*M	*F	Pass percentage
M.B.A. 2016-17	Online Admission Process conducted by Government of Maharashtra	60	39	21	98.33%
M.B.A. 2015-16	Online Admission Process conducted by Government of Maharashtra	60	39	21	98.00%
M.B.A. 2014-15	Online Admission Process conducted by Government of Maharashtra	60	18	42	76.47%
M.B.A. 2013-14	Online Admission Process conducted by Government of Maharashtra	60	30	30	82.75%

^{*}M=Male *F=Female

27. Diversity of Students: Nil

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

29. Student progression

Student progression	Against % enrolled				
	2012-13	2013-14	2014-15	2015-16	2016-17
UG to PG	NA	NA	NA	NA	NA
PG toM.Phil.	Nil	Nil	Nil	Nil	Nil
PG to Ph.D.	Nil	Nil	Nil	Nil	Nil
Ph.D.to Post-Doctoral	Nil	Nil	Nil	Nil	Nil
Employed					
Campus selection	55.76%	56.36%	66.67%	65.11%	69.2%
 Other than campus recruitment 	25%	25%	10%	15%	20%
Entrepreneurship/Self- employment	10%	5%	6.66%	5%	5%

30. Details of Infrastructure facilities

a) Library:

Infrastructural facility	Details of Item	Number
Departmental Library	Books	192

b) Internet facilities for Staff & Students:

Infrastructural facility	Details of Item	Number
Internet facility for	Computers	125
staff and students	Internet facility and Bandwidth	100Mbps

c) Class rooms with ICT facility:

Infrastructural facility	Details of Item	Number
Classrooms with ICT facility	with LCD Projector and audio facility	04

d) Laboratories:

Infrastructural facility		Number
Internet Lab	Intel Core I3 Processor, Acer Allin one PC, with 4 GB Ram 500GB HDD, 20 inch LED Screen with inbuilt Wi-fi	60

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

Sr.	Details of Financial Assistance	Academic year/ No of students				
No.		2013-14	2014-15	2015-16	2016-17	
1	OBC Freeship & scholarship	28	34	33	27	
2	SC Freeship & scholarship	22	20	15	19	
3	SBC Freeship& scholarship	2	1	2	3	
4	ST Freeship	0	1	1	0	
5	VJ/NT Freeship& scholarship	12	10	14	17	

32. Details on Student Enrichment Programmes (Special Lectures / Workshops / Seminar) With External Experts

Sr. No	Guest lectures /workshops /seminar	Topic	Expert Name	Date
1	Guest Lecture	How to Ace in Interview	Mr. Taufik Pathan Assistant Manager Axis Bank, Shirdi Branch	13.05.2017
2	Guest Lecture	How to Ace in Interview	Mr. Dadasaheb Shinde Assistant Manager Axis Bank, Shirdi Branch	13.05.2017

		Challenges for	Du Canamam Tamba	
		Challenges for	Dr.Sangram Tambe	
3	Guest Lecture	Fresher's in the	Director	22-04-2017
		Corporate world	Strategic Human Resource	
			Consultants Mum	
		International	Kerron Vaishnav	
4	Guest Lecture	Opportunities In	Founder Secretary	11-03-2017
	Guest Lecture	Education	Disha International	11 03 2017
		Laucation	Foundation Trust	
			Mr.Tushar Dahale	
5	Guest Lecture	Avenues in Banking	Branch Relationship	11-02-2017
	Guest Lecture	Sector	Manager	11-02-2017
			Equitas Small Finance Bank	
		Chille Dequired in	Snehal Lonari	
6	Guest Lecture	Skills Required in	Assistant manager	11-02-2017
		Banking Sector	HDFC BANK	
		Skill Required by	Nomesta Mishes	
7	Guest Lecture	Fresher's in	Namrata Mishra	28-01-2017
	Guest Lecture	Corporate world	Associate Project Manager	28-01-2017
			HSBC Bank	
			Mr. Bhuvanesh Gadkari	
8	Guest Lecture	Industry Expectation	HR Manager	24.12.2016
		from Fresher	V-Trans (India) Limited	
		Self Actualization Vs	Mr. Leenesh Uike	
		Successful Career	HR Head	
9	Guest Lecture	Path- Happniess	Atom Technologies (FT	22-12-2016
		Compared to	Group	
		obligations	-	
			Mr. Pankaj Shrivastava	
10	Cuast I astuma	Digital Manleating	Chief Operating Officer	21 12 2016
10	Guest Lecture	Digital Marketing	Digicore Technologies Pvt.	21-12-2016
			Ltd.	
			Mrs Ashu Sawhney	
1,1	O 11	Commus to Community	Head Recruitment,	20 12 2016
11	Guest Lecture	Campus to Corporate	Engagement and Rewards	20-12-2016
			DCB BANK	
		As a fresher, How to	Mr. NUL1- D-41	
12	Cuast I - 1	cope up with the	Mr. Nilesh Patil	10 10 2016
12	Guest Lecture	challenges within 6	HR Manager	19-12-2016
		months of joining	GTL Limited	
		Training Programme	Ma Miliad Di11	20.20
12	Training	on Campus to	Mr. Milind Biwalkar	28-30
13	Programme	Corporate	Insights Behavioral	September
	-		Solutions	2016
14	Guest Lecture	Campus to Corporate	Capt (Dr).C.M.Chitale	19.09.2016
15	Guest Lecture	Corporate Etiquette	Mr. Vijay Shejval Patil	24-03-2016
1.0	Info	The Skill		22.02.2016
16	Seminar	Development Course	Sahiba Dhandhania	22-03-2016
1.7		Teaching Pedagogies	George C. Gonzalez,	02.02.2016
17	Guest Lecture	in Canada under	Professor University of	02-02-2016

		Faculty of Management	Lethbridge Canada	
18	Guest Lecture	Financial Management : EVA	George C. Gonzalez, Professor University of Lethbridge Canada	01-02-2016
19	Guest Lecture	Career: Campus to Corporate	Dalbir Singh Virdi- Strategic Advisor For Datamatics Group of Companies	30-01-2016
20	Guest Lecture	India's Demographic Dividend- Country's Potential	Shri.Manish Jadhav, Editor Aapale Nagar	12-10-2015
21	Guest Lecture	Shared real life examples making students understand importance of management Functions in Life & For success	Shri.R Salkar, Editor, Punya Nagari	03-10-2015
22	Workshop	Expectations Of the Corporate From MBA & Career Opportunities	Mr.Kundan Karna, Jindal Saw Mill	19-09-2015
23	Workshop	Resume Writing, Do's& Don'ts of GD &PI	Dr. Sachin Mohan Bhide, Director Eha Management Consultancy	15-09-2015 & 16-09/2015
24	Workshop	How to enhance the Personality	Mr. SiddharthPrabhakar, Director Floating Campus	03-08-2015 & 04-08-2015
25	Guest Lecture	Application of Case study	Dr. Shantam Shukla, FPM IIMA	01-08-2015
26	Guest Lecture	Digital Marketing, New E-Business Startup	Mr. Mahesh Murthy, Venture Capitalist, Seed Fund	09-11-2014
27	Guest Lecture	Entrepreneurship Development, Import and Export	Mr. Mangesh Sarode, Director Shraddha Food	16-9-2014
28	Workshop	Soft Skill Training	Mr. Watson & Ms. Shweta	01-09-2014 to 06-09-2014
29	Seminar	Investor Awareness Program	Mr. S. R. Jajoo	28-07-2014
30	Guest Lecture	Business tactics	Mr. Shejwalkar Patil (Reliance Infra)	18-02-2014
31	Guest Lecture	Memory Management Techniques	Mr. B. K. Swaminathan	15-10-2013

32	Training on Soft skills	Soft skills	Ms. Prachi Fulpagar	17-09-2013 19-09-2013 24-09-2013
33	Guest Lecture	Entrepreneurship Development	Mrs. Radhika Mulay (Project Director, MCED)	01-09-2013
34	Workshop	Introduction to MBA & Corporate world	Mr. Siddharth Prabhakar	12-08-2013 to 14-08-2013
35	Guest Lecture	An introduction to global economy	Dr. B. R. Adik	10-07-2013

33. Teaching methods adopted to improve student learning:

Sr. No.	Teaching methods adopted
1	Power Point Presentation
2	Video lectures
3	Case Study
4	Presentations
5	Research Paper discussion
6	Article Review
7	Quiz/ MCQs
8	FM Skit
9	Games (HR, Finance & DS)
10	Role play
11	Writing Exercises
12	Mini Projects
13	Collage/Poster presentations
14	Desk research project

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

The students are actively involved in

- AIDS awareness Campaign,
- Clean India Campaign,
- Free Hemoglobin Check up Camp
- Women Empowerment Program,
- Blood Donation Camp,
- Tree Plantation
- Green Diwali Celebration

35. SWOC analysis of the department and Future plans

Strengths:

- 1. Experienced and qualified faculty
- 2. Student and faculty exchange program with University of Lethbridge, Canada and University of Pozanan, Poland
- 3. ISO certified
- 4. Good Infrastructures and learning resources

Weaknesses:

- 1. Poor Employability Skills of students
- 2. Lack of industry exposure due to remote location

Opportunities:

- 1. Opportunities in research consultancy and Extensions
- 2. Opportunity to offer collaborative courses in association with foreign universities.
- 3. Opportunity to increasing in Intake of MBA Course

Challenges:

- 1. To enhance employability skill of students.
- 2. Efforts towards increasing Industry Institute interaction

Future Plans

- 1. Permanent affiliation with Savitribai Phule Pune University.
- 2. Establishment of Research Center in Management
- 3. To Organize Management Development Programmes (MDP) and Faculty Development Programme (FDP)
- 4. To enhance Industry Institute interactions
- 5. To enhance employability of students through skill development programme

Self Study Report [SSR]

Sanjivani Rural Education Society's

Sanjivani College of Engineering

At. Sahajanandnagar, Post. Shingnapur - 423 603, Tal. Kopargaon, Dist. Ahmednagar (MS)

Approved by AICTE, Accredited by NBA No. FMS. 45/B-II/RC(BB)/93/14136 Dt. 17-1-1994

Affiliated to Savitribai Phule Pune University, Pune ID No. PU/AN/Engg. 026/(1983)

Phone: (02423) 222862, 223362, 223947 # Fax: 02423-222682 ₩ Website: www.sanjivanicoe.org.in ₩ e-mail: principalcoe@sanjivani.org.in

SRES/SCOE/ESTT/2016/ 7078

Declaration by the Head of the Institution

I certify that the data included in the self-study report (SSR) are true to the best of my knowledge.

This SSR is prepared by the institution after internal discussions and no part thereof has been outsourced.

I am aware that the peer review team will validate the information provided in this self-study report during peer team visit.

Place: Kopargaon:

Date: 23rd November 2016

Principal

Self Study Report [SSR]

Sanjivani Rural Education Society's

Sanjivani College of Engineering

ISO 9001 - 2008 Certified

At. Sahajanandnagar, Post. Shingnapur - 423 603, Tal. Kopargaon, Dist. Ahmednagar (MS)

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Phone: (02423) 222862, 223362, 223947
 Fax: 02423-222682
 Website: www.sanjivanicoe.org.in
 e-mail: principalcoe@sanjivani.org.in

Ref:-SRES/SCOE/NAAC /2016-17/7326 .

Date: 10/02/2017

Certificate of Compliance

This is to certify that SRES's Sanjivani College of Engineering, Kopargaon Dist. Ahmednagar, Maharashtra, fulfills all norms –

- 1. Stipulated by affiliating university and
- 2. Regulatory Council such as AICTE and
- 3. The affiliation and recognition is valid as on date.

It is noted that NAAC accreditation, if granted, shall stand canceled automatically, once the institution loses its university affiliation or recognition by the regulatory Council, as the case may be.

In case the undertaking submitted by SRES's Sanjivani College of Engineering, Kopargaon Dist. Ahmednagar, Maharashtra, is found to be false then the accreditation given by NAAC is liable to be withdrawn. It is also agreeable that the undertaking given to NAAC will be displayed on the college website.

Date: 10/02/2017

Place: Kopargaon

(Dr. D. N. Kyatanavar) Principal

Self Study Report [SSR]

Annexures

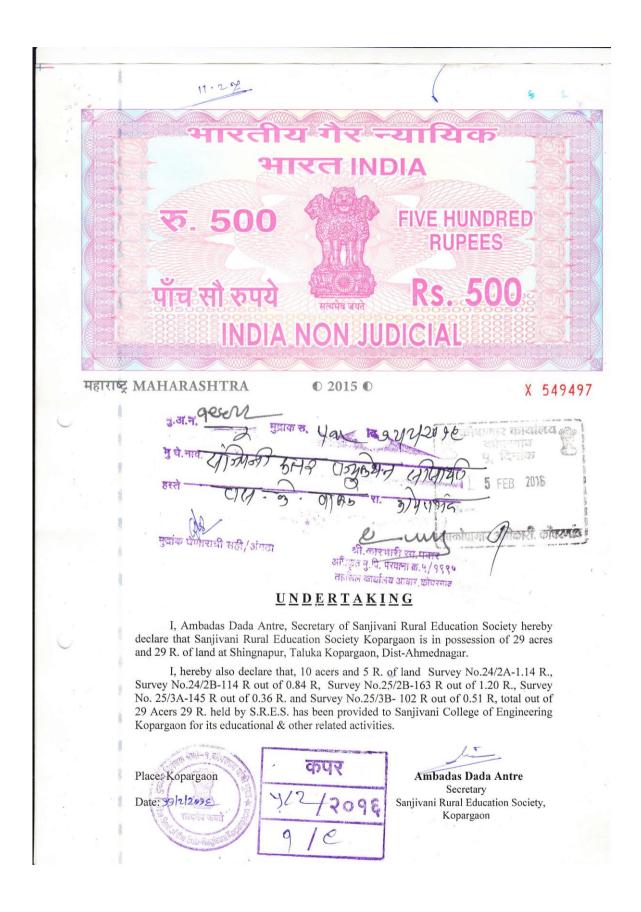
Self Study Report [SSR]

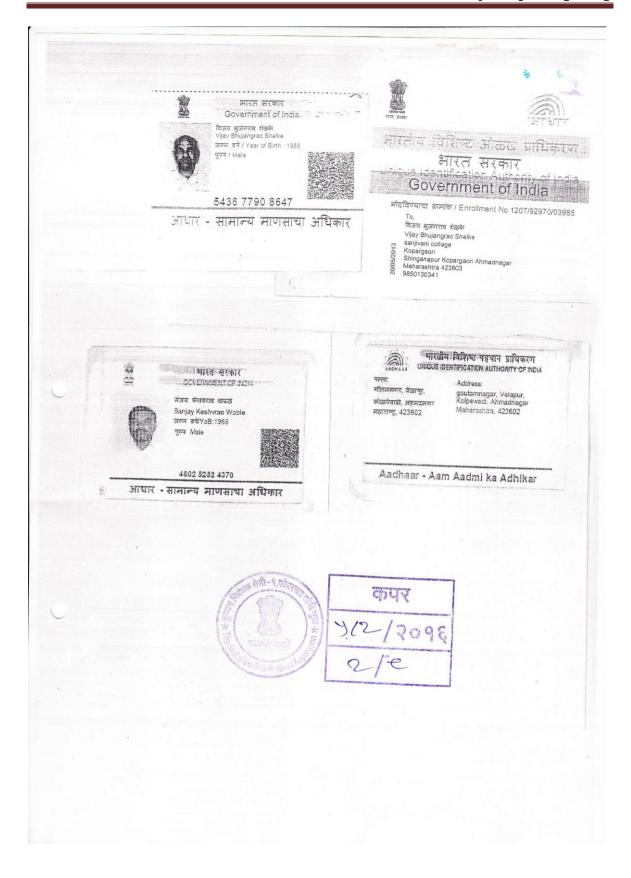
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CERTIFICATE OF RECISIONATION SAISAN
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Name of Office: Assistant Registrar of Societies,
नासिक विभाग नासिक
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PRINCIPAL
College of Engineering
Kopargaon

कि 3 र 3 9006 2007 मधीन मा भी शे का किताबिक विश्वासिक कि
सहाय्यक धर्मादाय आयुक्त अहमदनगर विभाग, अहमदनगर
नोंदणीचे प्रभागपत
याहारे प्रमाणपत देण्यात येते की, खाली वर्णेत केलेली सार्वजनिक विश्वस्तव्यवस्था ही आज, मुंबई
सार्वजनिक विश्वस्तव्यवस्था अधिनियम, १९५० (सन १९५० वा मुंबई अधिनियम कर्माक २९) या अन्वये जारिक
जिमार्ग, जायिन : वेथील सार्वजित्तिक विश्वस्तव्यवस्था नोंदणी कार्यालयात योग्य रीतीने
नोंदण्यात आलेली आहे.
सार्वजनिक विश्वस्त्व्यवस्थेचे नाम स्पंजानिका कार्ट स्डियुक्त्यान
सार्वजनिक विश्वस्तव्यवस्थांच्या नोंबणी पुस्तकातील कर्माक उने भा - 90,43 (क्रि) गण्ड
की जागपान विहास जगारी यांत प्रमोणपत विले.
आज दिनांक SOJ 919868 रोजी माझ्या सहीनिशी दिले.
THE WAR STITLE
ट्राधिक (प्रमाण), मारिक
AMESTED

PRINCIPAL*
College of Engineering
Kopargaon





संजीवनी रूरल एज्युकेशन सोसायटी

Society's Registration Act. 1860 Reg. No. MAH/1099 A'nagar Bombay Public Trust Act. 1950 Reg.No. F/1053 A'nagar





संजीवनी रुस्ल एज्युकेशन सोसायटीचे दिनांक २८/१२/२०१५ रोजी झालेल्या विश्वस्त मंडळाचे सभेतील ठराव क ७/३ ची खरी नक्कल

विषय ७/३ संजीवनी रुरल एज्युकेशन सोसायटीचे अंतर्गत असलेल्या जागेचे विभाजन करण्यासाठी करावयाच्या प्रतिज्ञापत्रावर सहया करण्याचे अधिकार टेण्याबाबत.

तराव

संजीवनी रुरल एज्युकेशन सोसायटीच्या शैक्षणीक संकुलामध्ये एकुण २९. १९ एकर जागा आहे व त्यामध्ये इंजिनिअरींग कॉलेज, पॉलीटेक्नीक, बी फार्मसी व डी फार्मसी हे विभाग आहेत. हे विभाग ज्या जागेत आहेत त्याची सर्व्हेनंबर नुसार स्वतंत्र विगतवारी असावी अशी संस्थेला भेट देणा—या प्रत्येक कमीटीची मागणी असते. अशी माहीती सभेस देण्यात आली त्यावर चर्चा करण्यात येवून सर्वानुमते खालीलप्रमाणे ठराव करण्यात आला.

संस्थेकडे असलेल्या शिंगणापुर ग्रामपंचायत हद्यीत असलेल्या शैक्षणीक संकुलातील जमीनीपैकी इंजिनिअरींग कॉलेजसाठी १०.०५ एकर, के.बी.पी पॉलीटेक्नीक साठी ०५.१५ एकर , बी फार्मसी साठी ०२.०० एकर व डी फार्मसी साठी ०२.०० एकर अशी विगतवारी करावी व त्याप्रमाणे शपथपत्र करावे. शपथपत्रावर संस्थेच्या वतीने सहया करण्याचे अधिकार श्री अंबादास दादा अंत्रे, सचिव, संजीवनी रुरल एज्युकेशन सोसायटी यांना देण्यात यावे.

सूचक — मा.श्री अमितराव नितीनराव कोल्हे साहेब अनुमोदक— मा.श्री जयराम विश्राम गडाख साहेब ठराव सर्वानुमते पास

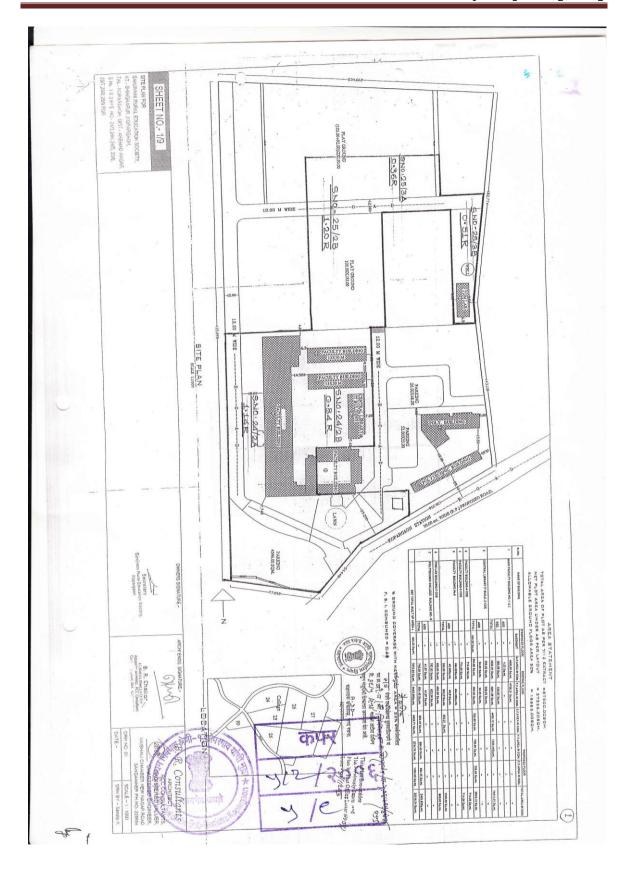
सचिव

संजीवनी रुरल एज्युकेशन सोसायटी

संजीवनी ग्रामीण शिक्षण संस्था

सहजानदनगर





Summary1 (GoshwaraBhag-1) दस्त गोषवारा भाग-1 कपर दस्त क्रमांक: 582/2016 दस्त क्रमांक: कपर /582/2016 बाजार मुल्य: रु. 01/-मोबदला: रु. 00/-भरलेले मुद्रांक शुल्क: रु.500/-पावती दिनांक: 11/02/2016 दु. नि. सह. दु. नि. कपर यांचे कार्यालयात पावती:1101 सादरकरणाराचे नाव: (लिहून ठेवणार) संजीवनी रुरल अ. क्रं. 582 वर दि.11-02-2016 एज्युकेशन सोसायटी सहजानंदनगर पो. शिंगणापूर ता. रोजी 5:50 म.नं. वा. हजर केला. कोपरगांव जि. अ.नगर तर्फे सचिव श्री. अंबादास दादा अंत्रे - -नोंदणी फी रु. 100.00 दस्त हाताळणी फी रु. 180.00 पृष्टांची संख्या: 9 दस्त हजर करणाऱ्याची सही एकुण: 280.00 Sub Registrar Kopargaon Sub Registral Kopargaon दस्ताचा प्रक्रार: प्रतिज्ञापत्र मुद्रांक शुल्क: प्रतिज्ञालेख शिक्का क्रं. 1 11 / 02 / 2016 05 : 49 : 47 PM ची वेळ: (सादरीकरण) शिक्का क्रं. 2 11 / 02 / 2016 05 : 51 : 11 PM ची वेळ: (फी)

Summary-2(दस्त गोषवारा भाग - २) दस्त गोषवारा भाग-2 कपर दस्त क्रमांक:582/2016 11/02/2016 5 53:37 PM दस्त क्रमांक :कपर/582/2016 दस्ताचा प्रकार :-प्रतिज्ञापत्र छायाचित्र अंगठ्याचा ठसा पक्षकाराचे नाव व पत्ता पक्षकाराचा प्रकार अनु क्र. नाव:(लिहन ठेवणार) संजीवनी रुरल एज्युकेशन लिहुन देणार सोसायटी सहजानंदनगर पो. शिंगणापूर ता. कोपरगांव वय :-65 जि. अ.नगर तर्फे सचिव श्री. अंबादास दादा अंत्रे - -पत्ता:प्लॉट नं: -, माळा नं: -, इमारतीचे नाव: -, ब्लॉक नं: -, रोड नं: रा. शिंगणापूर ता. कोपरगांव जि.अ.नगर महाराष्ट्र, अहमद नगर. पॅन नंबर: वरील दस्तऐवज करुन देणार तथाकथीत प्रतिज्ञापत्र चा दस्त ऐवज करुन दिल्याचे कबुल करतात. शिक्का क्र.3 ची वेळ:11 / 02 / 2016 05 : 51 : 56 PM खालील इसम असे निवेदीत करतात की ते दस्तऐवज करुन देणा-यानां व्यक्तीशः ओळखतात, व त्यांची ओळख पटवितात अनु छायाचित्र अंग्रह्माचा हसा पक्षकाराचे नाव व पत्ता 豖. नाव:संजय केशवराव वाबळे पत्ता:रा. गौतमनगर, वेळापूर ता. कोपरगांव जि.अ.नगर पिन कोड:423602 नाव:विजय भुंजगराव शेळके वय:57 पत्ताःरा. शिंगणापूर ता. कोपरगांव जि.अ.नगर पिन कोड:423603 शिक्का क्र.4 ची वेळ:11 / 02 / 2016 05 : 52 : 41 PM शिक्का क्र.5 ची वेळ:11v/ 02 / 2016 05 : 53 : 05 PM नोंदणी पुस्तक 1 मध्ये Sub Registrar Kopargaon 582 /2016 Know Your Rights as Registrants 1. Verify Scanned Document for correctness through thumbnail (4 pages on a side) printout after scanning. 2. Get print immediately after registration. For feedback, please write to us at feedback.isarita@gmail.com

College Of Engineering
Kopargaan Dist, Ahmeduogar
Re
19 HAV 1989
Inward No. 72

Subject: Unauthorised N. A. Use inrespect of land bearing
S. No. #GatNo. #GTSNo. 25/2A,25/2B,25/3A
Village **Sarirampur**
Regularisation of Pure Regularisation

Educational purpose
Read: i) The case papers ending with the Tahsildar's/

@#\$0\(\sigma\) sendt / Letter No_WSLNDI/352/88

dated the 16 \(\lambda\) 198 8

- Section 47 (b) and 45 of the N. L. R. Code, 1966 and Rules thereunder.
- Order No. RB-Desk-11-2349/83, dated 26-12-1983 from the Collector, A'nagar.

ORDER:

No.: WS-IV-UNA SR/ 1988 Sangamner, Dtd. 29-4 -1988

Whereas it has been reported by the Tahsildar / CTSO= Kopargaon
that the holder/occupant/Tenant-Shri The Chairman sanjivani
education societySahajanands: Ragarif village Shinganppur Taluka Kopargaon
Dist. Ahmednagar has started the unauthorised use of laud admeasuring
5000 sq. mt. comprising of S. No. / Gat-Ne-/GFS No. 7 5
of village Shinganpur Taluka Kopargaon Dist. Ahmednagar towards
non-agricultural purpose viz Educationsinke May 87 as shown by
letters in the plan at page without the prior permission
of the Collector as required by Section 44 of the M. L. R. Code, 1966.

And whereas the holder/Occupant/Tenant ShriThe ChairamanSanjiva ni Educational society Sahajardsides Notes the aforesaid utauthorised N. A. Use regularised subject to the following terms and conditions:-

- topay the N. A. Assessment on the land with reference to the altered use since the commencement of the use if it is not alreadv paid under Rule 8.
- ii) to pay such fine not exceeding forty times the N. A. Assessment on the land with reference to the altered use as the Collector may fix, if it is not already paid under Rule 8-
- iii) to abide by the conditions specified in Rule 4 so for as they are applicable and such other conditions as the Collector may deem fit to impose.

2/- And whereas the enquiries made into the matter revealed that :-

1) The aforesaid person himself is the occupant/holder of the land / Tenant of the land and there are no co-occupants/eo-superior holders or other persons have any interest or little therein. (vide page 57to69)

2) the land in question is held by the above person on new and impartable tenure and the occupant has already obtained the Collector's (2)

permission to use this land for N. A. purpose or get it's tenure changed into an ordinary tenure.

- 3) the land in question had been purchased by the above person u/s 32 (G) of the B. T. & L. A. Act, 1948 and he has already obtained the Collector's permission to use this land for N. A. purpose.
- 4) The other Co-occupant/Co-holders/Co-tenants persons having interest in the land have given written consent that they have no obction to regularise the said unauthorised N. A. use.
- The land in question was in ex-inam land regranted for an agricultural purpose on new tenure and the grantee has already paid the amount of nazarana equal to fifty times the market value of the land minus the amount of original nazarana already paid to Government i.e. Rs.
- 6) There has been an encumbrance on the land and the authority by which the loan has been granted has no objection to regularise the unauthorised N. A. use.
- 7) the land is not under acquisition and is not likely to be acquired in the near future for any Govt. or public purpose. (The V.P. Shrippampur Shingnapur - has issued Noc dt.2/5/87 (vide page 93)
 8) the land is not reserved for any specifit purpose in Regional Development Plan or in Town Planning and the concerned authorities have not objection to regularise the unauthosired N. A. Use for the purpose of =residential/commercial/industrial Educational (Vide page 93)
- 9) the land is suitable for the purpose for which it is being used from the sanitory and public health points of view. The D. H. O. Ahmednagar has communicated his NOC in this respect Vide page 107)
- 10) The aforesaid person has produced the NOC from the = Monicipal Gouncil or V. PShingnapur for the regularisation of unauthorised N. A. use.
- 11) the lay out and the building plans produced by the afore-resaid person are inconfirmity with the provisions in schedule II and III appended to the M.L.R. (Conversion of use of land and N.A. Asstt.) Rule, 1969. (Vide page 111to165)
- 12) the unauthorised construction on the land on the reference is in accordance with the Building Rules & Regulations applicable to that locality and the said authorities viz Municipal Council. F. Shingnappur has no objection to regularise the present unauthorised N. A. use (Vide page 103)
- the person concerned has produced the layout and building plans duly approved by the Town Planner, Ahmednagar Aunicipal Council + Village Panchayat (Vide page 111to165)
- >14) that the terson has agreed to demolish offending structures as directed by the Town Planner, Ahmednagar within a month only.

(3)

- 15) the aforesaid person has produced NOC of the Dist. Magistrate or the Explosive Officer.
- 16) the aforesaid person has maintained adequate open warginal space on both the sides or Electric High Power Tension lines passing through the land or produceed NOC from the W-S-E-B- that no HT/LT Line passing through the land(. Vide page 123)
- 17) the unauthorised consturction does not violate the R.D. Rules and the person concerned has produced NOC from the concerned authority, viz. Ex. Engr. P. -W.D. Kopargaon (Vide page 83)
- there is easement or other rights in the land and the persons having such rights have no objections to regularies the said unauthorised
- 19) the person concerned has obtained from the competent authoriiy the mining quarry lease or permit under the Minor Mineral Extraction Rules.
- 20) the Railway / Prison / Jail Authorities have no objection to regularise the auauthorised N. A. use and to confirm the plot for the
- 21) the person concerned has agreed to abide by the conditions

 N. A. was would be regulariesd. (Vide page 1) subject to which the unauthorised N. A. use would be regulariesd.

And whereas the holder / occupant /tenant also desires / and applied for permission to remain in possession of and to continue the use of the aforesaid land /plot of the land for Educational roose.

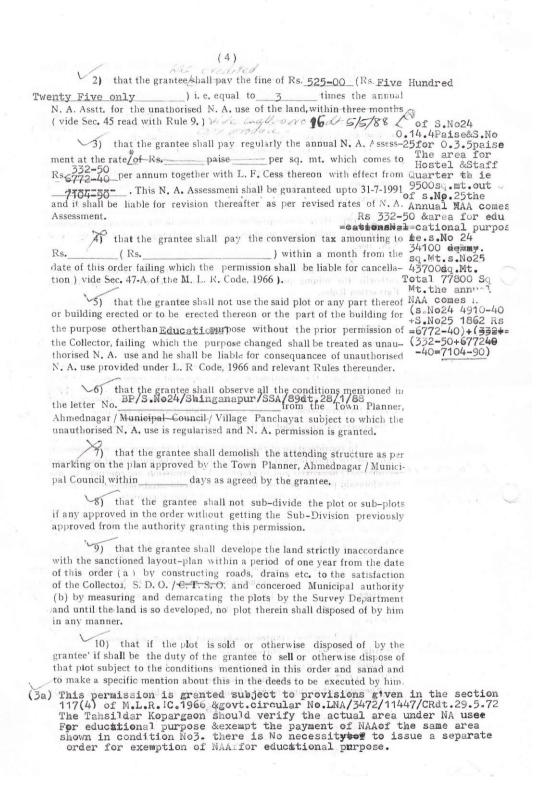
In consideration of the above points, there seems no objectson to regularise the unauthorised N. A, use of land for the purpose of residential/

commercial/industrial and to grant N. A. Permission to continue to use the aforesaid plot of land for the purpose of-residential/commercial/industrial-subject to the provisions the Code and Rules thereunder.

3/- in exercise of the powers vested in him u/s 45 and 47 (b) of the M. L. R. Code, 1966 and Rule 9 of the M. L. R. (Conversion of use of land & N. A. Asstt.) Rules, 1969, the Sub-Divisional Officer, Sangamer Dn. Sangamner is pleased to order to regularise unauthorised N. A and further to grant N. A. permission in respect of the area measuring 5000+82300 87300 sq. meters. comprising of S. No. / Gat No. / GTS No. 24/2A+24/21B+ of village Shingnapur Taluka Kopargaon Dist. Ahmednagar for 24/2C the N. A. purpose Educational subject to the following conditions and

5000sqMetre area side the grantee has brought the said under N. A. use towards Educational purpose since May 87 to up to date be should pay the arrears of N. A. Asstt. of Rs. 175-00 at the rate of Rs. 175-00 per annum for the said period together with L. F. cess thereon within three months from the date of this order (vide Rule 9) vide onallos . D. 16 dt. 515/88 copy rooduce.

Lducational



Enga College

GOVERNMENT OF MAHARASHIRA

Immediate

No.PEC 1683/114579(253)-TE.1.A, Education and Employment Department, Mantralaya Annexe, Bombay-32. Dated 1/3 July,1983.

76,

The Secretary, Sanjivani Gautaum Education Society, Kopargaon, -Dist.

Subject: Approval to the non-Government
Institution for starting Degree
Courses in Engineering/Technology/
on no grant basis.

Sir,

I am directed to refer to your application submitting project report to the Director of Technical Education as also your letters, dt.2.7.83 & 11.7.83 to the Minister for Education and Chief Minister for starting Degree Courses in Engineering/Technology and to state that you are hereby permitted to start the Technological College on no grant-basis from the academic year 1983-84 subject to the following conditions:

- (a) The terms and conditions prescribed by Government for granting permission to such institution under Government Resolution, Education & Employment Department, No.TEM-111836/(190)/TE-1(A), dated 21st May,1983 are acceptable to you. A copy of that Government Resolution is enclosed.
- (b) The courses to be started should be got approved from the Director of Technical Education, Maharashtra State, Bombay.
- (c) The Pune University is approached for affiliation of the College under Section 43 of the Pune University Act, 1974.
- (d) All the documentation and formalities as required at (a) & (b) above will have to be completed to the satisfaction of the Director of Technical Education, Maharashtra State, Bombay, who will grant final permission to you for starting the Courses.
- (e) The project report prepared by you is accepted by the Western Regional Committee of the All India Council for Technical Education and finally by the Council itself.

contd..2/

: 2 :

2. You are now requested to contact the Director of Technical Education, Maharashtra State, 3, Mahapalika Marg, Bombay-400 001 immediately to complete all the formalities. You are further advised that the courses should not be started unless the final permissions in writing is granted by the Director of Technical Education, Maharashtra State, Bombay.

Yours faithfully,

(S. V. Deuskar)
Under Secretary to Government,
Education and Employment Department.

Copy forwarded for information and necessary action

The Director of Technical Education, Maharashtra State, Bombay.

The Education and Employment Department (UN I-2)

The Pvt. Secretary to Minister for Education.

The Personnel Assistant to the Minister of State for Technical Education.

Tuscano/21/7/83.



अखिल भारतीय तकनीकी शिक्षा प्रिषद् ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

(भारत सरकार का एक सांविधिक निकाय) (A STATUTORY BODY OF THE GOVT. OF INDIA)

PROF. K. SUBRAMANIAN ADVISER (PGE&R)

MECH-027 F.No.: PG/MS/M.E/2004/MECH-27 Date: 28.06.2004

The Secretary, Higher Technical Education & Employment Dept. Covt. of Maharashtra, Mantralaya, Mumbai - 400 032

AlCTE approval to SRES COLLEGE OF ENGINEERING, AT.SAHAJANANDNAGAR P.O.SHINGNAPUR TAL: KOPARGAON DIST: AHMEDNAGARMAHARASHTRA 423603 for the conduct of P.G. Course.

I am directed to state that based on the recommendation of the Expert Committee, the Evaluation Committee constituted by the Council, Regional Committee and the subsequent decision by EC Sub-College OF Engineering, AT.SAHAJANANDNAGAR P.O.SHINGNAPUR TAL: KOPARGAON DIST: AHMEDNAGAR MAHARASHTRA 423603 for the academic year 2004-05, for the PG Course(s) as per intake given below:

		APPROVED I	NTAKE		LEVEL	DURATION	PERIOD OF
DESIGN ENGINEERING	General Category	Sponsored	SC/ST	TOTAL		(YEARS)	APPROVAL
DOUGH ENGINEERING	10	05	03	18	M.E	2 Years	

The approval has been accorded subject to fulfillment of general conditions as per norms and standards prescribed by AICTE and also specific conditions (if any, given).

The council may inspect/visit the institution any time it may deem fit to assess if the Norms & Standards as stipulated by AICTE are fulfilled and/or to verify the progress/compliance.

The admission will be made in accordance with the AICTE guidelines given as Annexure – I to this

In the event of infringement/contravention or non-compliance of the norms and standards as prescribed by the AICTE, the Council shall take further action to withdraw approval and the liability arising out of such withdrawal of approval will be solely that of Management/Trust/Society and/or Institution.

Copy to :-

1. The Director/Principal,
SRES COLLEGE OF ENGINEERING,
AT.SAHAJANANDNAGAR P.O.SHINGNAPUR
TAL: KOPARGAON, DIST: AHMEDNAGAR
MAHARASHTRA-423603

MAHARASHTRA-423603
The Regional Officer, WRO, AICTE, Industrial Assurance Building, 2nd Floor, Nariman Road, Mumbai - 400 020
Guard File (AICTE)
Office Copy

K. SUBRAMANIAN)

(H. SUBRAMANIAN) Adviser (PGE&R)

College of Engineering Kopargaon Dist. Ahmednagar

1 4 JUL 2006 रमाष / Pione : 23392506, 63-65-68, 71, 73 -75 फैक्स / Fax : 011-23392554

वैबसाइट / Website : www.aicte.ernet.in

Kopargaon Dist. Ahmednagar

2 9 DEC 2004



तंत्र शिक्षण संचालनालय, महासिद्धाः,---

3, महापालिका मार्ग, पत्र पेटी क्रमांक १९६७, मुंबई ४०० ००१. दूरध्वनी - २२६२०६०१, २२६९०६०२, २२६४११५०/५१, फॅक्स - २२६९२१०२. am - EDUTECH E-mail: Desk2@dte.org.in Internet: http://www.dte.org.in

> क्रमांक :२/एनजीसी/२००४/ ८७८ दिनांक :

> > 2 2 दिसम्बर् 201

प्रति, प्राचार्य, संजीवनी रुरल एज्युकेशन सोसायटीचे कॉलेज ऑफ इंजिनिअरींग शहाजानंद नगर,पो.शिंगणापूर,ता.कोपरगांव, जि.अहमदनगर-४२३ ६०३

> विषय- शैक्षणिक वर्ष २००४-२००५ पासून विना अनुदान तत्वावर एम.ई (मेकॅनिकल डिझाईन) हा अभ्यासकम सुरु करण्यास परवानगी देण्याबावत.

संदर्भ-. उच्च व तंत्रशिक्षण विभागाचा शासन निणर्य क्रमांक टिईएम-२००४/(३३५/०४)) तांशि-१, दिनांक ३० जुलै २००४

उपरोक्त विषयाच्या संदर्भात आपणांस कळविण्यांत येते की , अखिल भारतीय तंत्रशिक्षण परिषदेचे पत्र क्रमांक पीजी/एमएस/एम ई/२००४/मेक-२७, दि. २८/६/२००४ अन्वये दिलेल्या परवानगीस अनुसरुन शासनाने संदर्भाधीन शासन निर्णय दिनांक ३०/७/२००४ अन्वये आपल्या संस्थेस शैक्षणिक वर्ष २००४-२००५ पासून विना अनुदान तत्वावर खालील एम.ई. अभ्यासक्रम सुरु करण्यास काही अटी व शर्तीच्या अधिन राहून परवानगी दिलेली आहे.

अ.क	अभ्यासक्रमाचे नांव	प्रवेशक्षमता	
9	एम.ई (मेकॅनिकल डिझाईन)	96	

त्यापैकी आपण सदर अभ्यासक्रमासाठी रु.२.०० लाख वॅक ऑफ बडोदा, कोपरगांव शाखा येथे पावती क्रमांक ५४८६४७ , दिनांक ३०/८/२००४ अन्वये संयुक्त खात्यात ५ वर्षासाठी जमा केलेले आहेत. तसेच एकूण रु.५०/- च्या स्टॅम्प पेपरवर शर्ती व अटी मान्य असल्याबाबतचे नोंदणीकृत हमीपत्र संचालनालयास सादर केलेले आहे.

विहित केलेल्या अटींपैकी उरलेल्या खालील अटी व शर्तीच्या अधिन राहून उपरोक्त नमूद केलेला अभ्यासक्रम सनं २००४-२००५ पासून विना अनुदान तत्वावर सुरु करण्यास व विद्यार्थ्यास प्रवेश देण्यास या संचालनालयाकडून अंतिम परवानगी देण्यांत येत आहे.

- 9. सदर मंजूरी कायम विना अनुदान तत्वावर राहील.
- २. सदर अभ्यासक्रमांची प्रवेशक्षमता १८ पर्यतच मर्यादित राहील.
- ३. शासन निर्णय, शिक्षण व सेवायोजन विभाग क्रमांक टिईएम ३३८२/१११८३६/(१९०)तांशि-१(अ), दिनांक २१ मे १९८३ अन्वये विना अनुदान तंत्रशिक्षण संस्थांना परवानगी देण्यासाठी शासनाने विहित केलेल्या अटी व शर्ती संस्थेस बंधनकारक असतील.

MOSE

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- ४. शासनाने / विद्यापीठाने विहीत केलेले नियम व अटी पाळणे संस्थेस बंधनकारक राहील.
- ५. प्रस्तावित अभ्यासक्रमाच्या संलग्नीकरणास संस्थेने पुणे विद्यापीठ, पुणे यांची मान्यता घेणे आवश्यक आहे. त्यासाठी पणे विद्यापीठ, पणे यांचेकडून यथोचित माहिती घेण्यांत यावी.
- ६. विना अनुदान तत्वावर चालणा-या व्यवस्थापकीय महाविद्यालयांच्या बाबतीत अखिल भारतीय तंत्रशिक्षण परिषद व राज्यशासन, विद्यापीठ व तंत्रशिक्षण संचालनालय म.रा. मुंबई यांचेकडून वेळाेवेळी विहित करण्यात येणारे नियम, प्रवेश नियम , आरक्षण, शिक्षणशुल्क व इतर शुल्क यासंबंधीच्या निर्णयाचे पालन करणे संस्थेला बंधनकारक असेल.
- ७. महाराष्ट्र शासन, विद्यापीठ व अखिल भारतीय तंत्रशिक्षण परिषदेच्या नियमानुसार शिक्षक व शिक्षकेतर कर्मचारी नेमावे व शिक्षक व शिक्षकेतर कर्मचा-यांना शासन, विद्यापीठ व अखिल भारतीय तंत्रशिक्षण परिषदेच्या नियमानुसार वेतन व भत्ते तसेच इतर सुविधा देण्यांत याव्यात. तसेच संस्थेबदल कर्मचारी व विद्यार्थ्याच्या तक्रारी आल्यास संस्थेविरुध्द कडक कारवाई करण्यांत येईल.
- ८. संस्थेतील प्रयोगशाळा, कर्मशाळा व आरक्षण कक्ष हे अखिल भारतीय तंत्रशिक्षण परिषद व विद्यापीठाच्या नियमानुसार आवश्यक ती यंत्रसामुग्री, उपकरणे फर्निचर इ. ची खरेदी करुन सुसज्ज करणे आवश्यक राहील.
- ९. संस्थेतील ग्रंथालयास आवश्यक ती पुस्तके,नियतकालिके इत्यादी अखिल भारतीय तंत्रशिक्षण परिषद व विद्यापीठाच्या मानकानुसार खरेदी करणे आवश्यक आहे तसेच विद्यार्थ्याना वाचनालयाचा पुरेपूर उपयोग होण्याचे दृष्टीने ग्रंथालयात विद्यार्थ्याना अभ्यासिकेची सोय करणे आवश्यक आहे.
- १०.या संचालनालयाने, पुणे विद्यापीठ, पुणे किंवा शासन किंवा त्यांनी प्राधिवृत्त करण्यांत आलेले अधिकारी यांस संस्थेचे निरीक्षण करण्यास व त्या निरीक्षणाअंती आक्क्क येणा-या उणींवाबदल उचित कार्यवाही करण्या असतील.
- ११. सदर संस्था संचालक,तंत्रशिक्षण यांच्या नियंत्रणाखाली राहील व संबंधित अभ्यासक्रमाच्या परीक्षा पुणे विद्यापीठ, पुणे यांच्यामार्फत घेतल्या जातील.
- १२.जर संस्था विद्यापीठाच्या मानकानुसार आवश्यक त्या सुविधा उपलब्ध करु न शकल्यास किंवा शासनाने, या संचालनालयाने , संबंधित विद्यापीठाने वेळोवेळी ठरवून दिलेल्या अटी व शर्तीचे उल्लंघन करीत असल्यास सदरचा अभ्यासक्रम बंद करण्याचे अधिकार अखिल भारतीय तंत्रशिक्षण परिषदेच्या शिफारशीनुसार शासनास राहतील.

तंत्रशिक्षण संचालनालय, महाराष्ट्र राज्य, मुंबई.

- 9. मा.प्रधान सचिव,उच्च व तंत्रशिक्षण विभाग,मंत्रालय विस्तार भवन,मुंबई-३२ यांना माहितीसाठी सादर
- २. कुलगुरु पुणे विद्यापीठ, पुणे यांना माहिती साठी सादर.
- ३. सहसंचालक,तंत्रशिक्षण विभागीय कार्यालय, नाशिक यांना माहिती व योग्य त्या कार्यवाहीसाठी..
- ४. श्री.एन.बी.पाटील,सिस्टिम ॲनालिस्ट यांना माहितीसाठी.
- ५. कार्यासन क्रमांक १० मुख्य कार्यालय, मुंबई यांना माहितीसाठी.
- ६. निवड नस्ती.

पुणे विद्यापीठ

द्राध्वनी क्रमांक :

टेलिग्राफ : युनिपुना

टेलेक्स : १४५७७१९ युनिप इन्

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गणेशखिंड, पुणे-४११००७.

College of Engineering copargeon Dist. Ahmednagar

1 4 OCT 2004

Inward No. 184

दिनांक: 99/90/2008

प्रति, मा. प्राचार्य संजिवनी ग्रामिण

संजिवनी ग्रामिण शिक्षण संस्थेचे अभियांत्रिकी महाविद्यालय, सहजानंदनगर पो. शिंगनापूर ता.कोपरगांव जि. अहमदनगर.

विषय : शैक्षणिक वर्ष २००४-०५ करिता ए.ई.मेकॅनिकल (डिझाइन इंजिनिअरिंग)

भाग-१ हा पदव्युत्तर अभ्यासकम नव्याने सुरू करण्यास परवानगी

देण्याबाबत

संदर्भ : शासन निर्णय क.टीईएम— २००४/(३३५/०४)/तांशि दि.३० जुलै २००४

महोदय,

वरील विषयास अनुसरून प्राप्त झालेल्या आदेशानुसार आपणांस कळविण्यात येते की, आपल्या महाविद्यालयास शैक्षणिक वर्ष २००४—०५ करिता ए.ई.मेकॅनिकल (डिझाइन इंजिनिअरिंग) भाग—१ हा पदव्युत्तर अभ्यासकम १८ विद्यार्थी प्रवेश क्षमतेसह नव्याने सुरू करण्यास, महाराष्ट्र विद्यापीठे कायदा १९९४ कलम ८१ मध्ये नमूद केलेल्या अटींच्या अधिन राहून व अहवालातील अटी व शर्तीची पूर्तता करण्याच्या अटीवर परवानगी देण्यात येत आहे.

तसेच पुढे आपणांस असेही कळविण्यात येते की, पुणे विद्यापीठ व महाराष्ट्र शासनाकडून भविष्यकाळात निर्गमित करण्यात येणारे नियम व अटी आपल्या वर बंधनकारक राहतील. आपल्या

याची नोंद घ्यावी.

कळावे, सोबत:— अहवाल

आपला विश्वासू,

संचालकांकरिता (म.वि.वि.मं.)

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प्रत माहितीसाठी :--

- १. मा. सचिव, उच्च व तंत्र शिक्षण महाराष्ट्र शासन, मंत्रालय विस्तार भवन, मुंबई ४०० ०३२
- २. मा. सहसचिव, उच्च व तंत्र शिक्षण महाराष्ट्र शासन, मंत्रालय विस्तार भवन, मुंबई ४०० ०३२
- ३. मा. संचालक, (उच्च शिक्षण), महाराष्ट्र शासन शिक्षण संचालनालय, मध्यवर्ती इमारत, पुणे १
- ४. मा. सहसंचालक, (उच्च शिक्षण अनुदान), महाराष्ट्र शासन शिक्षण संचालनालय, मध्यवर्ती इमारत, पुणे १
- ५. मा. परीक्षा नियंत्रक, परीक्षा विभाग, पुणे विद्यापीठ, पुणे ७
- ६. मा. वित्त व लेखा अधिकारी, पुणे विद्यापीठ, पुणे ७
- ७. मा. उपकुलसचिव, शैक्षणिक प्रवेश विभाग, पुणे विद्यापीठ, पुणे ७
- ८,९ मा. उपकुलसचिव, परीक्षा विभाग १,२
- १०. मा. सहा. कुलसचिव, शैक्षणिक पात्रता, पुणे विद्यापीठ, पुणे ७
- ११. मा. सहा. कुलसचिव, परीक्षा विभाग बी.ए., बी.कॉम., बी.एस्सी.
- १२. कक्षाधिकारी, डाटा प्रोसेसिंग युनिट, पुणे विद्यापीठ, पुणे ७
- १३. कक्षाधिकारी, परीक्षा समन्वय विभाग, पुणे विद्यापीठ, पुणे ७
- १४. कक्षाधिकारी, निवडणुक कक्ष, पुणे विद्यापीठ, पुणे ७
- १५. कक्षाधिकारी, शिक्षण मान्यता विभाग, पुणे विद्यापीठ, पुणे ७

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शैक्षणिक वर्ष २०१०-११ पासून अखिल धारतीय तंत्रशिक्षण परिषदेच्या यान्यतेनुसार राज्यात सुक असलेल्या खाजगी विना अनुदानित अभियांत्रिकी/ औषधिनर्याणशास्त्र/एमबीए/एमबीए/पीजीडीएम महाविद्यालयांतर्गत नवीन पदबी/पदव्युत्तर पदबी अभ्यासक्रम सुरु करण्यास तसेच प्रवेशक्षमतेत वाड/घट करण्यास शासनाची मान्यता देण्याबावत

महाराष्ट्र शासन उच्च व तंत्रशिक्षण विभाग, शासन निर्णय क्र संकिर्ण-२०१०/(१८८/२०१०)/तांशि-४, मंत्रालय विस्तार भवन, मुंबई ४०० ०३२ दिनांक: ३० जुलै, २०१०.

संदर्भ:- १) संचालक, तंत्र शिक्षण, महाराष्ट्र राज्य, मुंबई यांनी सादर केलेले पत्र क्र. २/ एनजीसी/अभातंशिप-यादी/शा.मान्यता/२०१०/१२४१, दिनांक ३० जून, २०१०. २) संचालक, तंत्र शिक्षण, महाराष्ट्र राज्य, मुंबई यांचे पत्र क्र. २/डीटीई/२०१०/ १३४३, दिनांक २७ जुलै, २०१०.

शासन निर्णय: शैक्षणिक वर्ष २०१०-११ पासून अखिल भारतीय तंत्र शिक्षण परिषदेने राज्यात सुरु असलेल्या अभियांत्रिकी/औषधिनर्माणशास्त्र/एमबीए/एमसीए/पीजीडीएम महाविद्यालयांतर्गत नवीन पदवी/पदव्युत्तर पदवी अभ्यासक्रम सुरु करण्यास तसेच प्रवेशक्षमतेत वाढ/घट करण्यास सोबत जोडलेल्या परिशिष्ट अ प्रमाणे मान्यता दिलेली आहे. सदर माहिती संचालक, तंत्र शिक्षण यांनी शासनास त्यांच्या दिनाक २७.७.२०१० च्या पत्रान्वये सादर केली आहे. त्यास अनुसरुन शासन निर्णय निर्गमित करण्याची बाब शासनाच्या विचाराधीन होती.

- २. आता या शासन निर्णयान्वये अखिल भारतीय तंत्र शिक्षण परिषदेने दिलेली मान्यता विचारात घेऊन सोवत जोडलेल्या परिणिष्ट अ मधील संस्थांना त्यांच्या नावासमोर दर्शविल्यानुसार प्रवेशक्षमतेत वाढ/घट करण्यास व अतिरिक्त नवीन अभ्यासक्रम सुरु करण्यास शैक्षणिक वर्ष २०१०-११ पासून खालील अटी व शर्तींच्या अधिन राहून मान्यता देण्यात येत आहे.
- प्रस्तुत बाबतीत अखिल भारतीय तंत्रशिक्षण परिषदेने विहित केलेल्या तसेच दिनांक २१ मे, १९८३ च्या शासन निर्णयान्यये विहित केलेल्या अर्टीची पर्तता करणे संबंधित संस्थेस बंधनकारक राहील.
- शासनाने बिहित केलेल्या तसेच 'अखिल भारतीय तंत्रशिक्षण परिषदेने विहित केलेल्या सर्व अटी व शर्ती मान्य असल्याबाबत संस्थेस करारनामा करावा लागेल. तसेच संबंधित कागदपत्रांची आणि औपचारिक बाबींची पूर्तता संचालक (तंत्रशिक्षण) यांच्या संमतीने समाधानकारकरित्या करण्यात येर्डल.
- सदर अध्यासक्रमाच्या संलग्नीकरणासाठी संबंधित संस्थेने महाराष्ट्र विद्यापीठ अधिनियम, १९९४ मधील तरत्दीनुसार संबंधित विद्यापीठाची मान्यता/संलग्नीकरण घेणे आवश्यक आहे.
- ४) संबंधित संस्थेने संचालक (तंत्रशिक्षण) यांचेकडे आवश्यक ती संचीत ठेव संयुक्त खात्यात भरुन इतर कायदेशीर वार्बीची पूर्वता करावी.
- सदर पदवी व पदव्युत्तर पदवी अभ्यासक्रमांचे प्रवेश शासनाने मान्य केलेल्या संबंधित अभ्यासक्रमाच्या प्रवेश नियमानुसार/पध्दतीनुसार कण्यात वेतील.

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- ६) शिक्षण शुल्क समितीने विहित केलेल्या शिक्षण शुल्कापेक्षा जास्त शुल्क संबंधित संस्थांनी आकारल्यास त्या संस्थांवर महाराष्ट्र एज्युकेशनल इनिस्टय्यूशन (प्रोहिबिशन ऑफ कॅपिटेशन फी) ॲवट, १९८७ नसार कारबाई करण्यात येईल.
- अंस्थेने त्यांच्या संस्थेतील विद्यार्थ्यांचे अंतिम वर्ष पूर्ण होण्यापूर्वी फार्मसी ॲक्ट, १९४८ च्या कलम १२ मधील तरतुदीनुसार फार्मसी कौन्सिल ऑफ इंडिया, नवी दिल्ली यांची विहित मान्यता प्राप्त करुन घेणे बंधनकारक राहील.
- रॅगिंग संदर्भात मा. सर्वोच्च न्यायालयाचे निर्देश व महाराष्ट्र प्रोहिबिशन ऑफ रॅगिंग ॲक्ट, १९९९ यांची कठोरपणे अंमलबनावणी करण्यात यावी.
- याशिवाय संचालक (तंत्रशिक्षण), महाराष्ट्र राज्य, मुंबई व संबंधित विद्यापीठ यांनी घालून दिलेल्या अन्य अटी व शतीं लाग राहतील.
- 3. अखिल भारतीय तंत्रशिक्षण परिषदेने दिनांक २९ व ३० जून, २०१० रोजी त्यांच्या संकेतस्थळावर सद्यःस्थितीत सुरु असलेल्या संस्थांना नवीन अभ्यासक्रम व प्रवेशक्षमतेत बदल याची यादी जाहीर केली होती. ती संचालकांनी शासनाच्या मान्यतेसाठी प्रस्तावित केली होती. त्यानुसार शासनाची मान्यता काही संस्थांना देण्यात आली आहे. परंतु ज्या संस्थांची यादी अखिल भारतीय तंत्र शिक्षण परिषदेने दिनांक २१ जून व २७ जुलै रोजी ई-मेलद्वारे सुधारित केली आहे, अशा संस्थांबाबत शासनाने दिनांक ३०.०६.२०१० रोजी निर्गमीत केलेले आदेश अधिक्रमित करण्यात येत आहेत.
- ४. **परिशिष्ट** अ येथे दर्शविलेल्या सर्व संस्थांचे सविस्तर पत्ते व विद्यापीठ यांची माहिती प्र. संचालकांनी शासनास ८ दिवसांत सादर करावी.
- ५. विद्यार्थ्यांना तसेच पालकांना व शैक्षणिक संस्थांना, अभ्यासक्रम, प्रवेशक्षमता व संस्थेचा पत्ता इत्यादी संदर्भात काही शंका असल्यास त्यांचे निरसन संचालक, तंत्र शिक्षण संचालनालय, महाराष्ट्र राज्य, मुंबई यांनी करावे

महाराष्ट्राचे राज्यपाल यांच्या आदेशानुसार व नावाने,

(भ. सं. वानखेडे) अवर सचिव, महाराष्ट्र शासन

प्रति, संचालक, तंत्रशिक्षण, महाराष्ट्र राज्य, मुंबई सहसंचालक, तंत्रशिक्षण विभागीय कार्यालय (संचालकांमार्फत) कुलसचिव, (संचालकांमार्फत) संबंधित संस्था

प्रत माहितीसाठी अतिरिक्त सचिव (तांत्रिक), भारत सरकार, अखिल भारतीय तंत्रशिक्षण परिषद, ७वा मजला, चंद्रलोक भवन, जनपथ, नवी दिल्ली ११०००१ सहाव्यक शिक्षण सल्लागार (तांत्रिक), भारत सरकार, मनुष्यवळ विकास मंत्रालय (शिक्षण विभाग), पश्चिम विभागीय कार्यालय, इंडस्ट्रियल इन्शुरन्स बिल्डींग, दुसरा मजला, चर्चगेट, मुंबई

निवड नस्ती / तांशि-४

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दूरध्यनी क. , ३७९२४०

तारेचा पत्ता : 'मृनिपुना

संदर्भ कः : सुवर्णं / 🕂

दिनांक: 19-4-1999

आपला विश्वास्त्र

३५००६० र २१५३



पुणं विद्यापीठ गणेशांखड, पुणे-४११००७.

संदर्भ क्र. : सीए/ए/कायम संलग्नीकरण/ 113 9

26/1998-99/1072

संजीवनी एज्युकेशन सोसायटीचे अभियांत्रिकी महाविद्यालय, सहजानंदनगर- 423 603 ता. कोपरगाव, जि. अहमदनगर,

> विषय : शैक्षणिक वर्ष 1998-99 पासून महाविद्यालयातील पदनी अभ्यासकमास कायम संलग्नीकरण (Permanent Affiliation) देण्याबाबत.

महोटय,

वरील विषयाच्या संदर्भात मला प्राप्त झालेल्या आवेशानुसार आपणांस असे कळविण्यात येते की, विद्यापीठ ऑध गर मंडळाने घेतलेल्या निर्णयानुसार आपल्या महाविद्यालयास शैक्षणिक वर्ष 1998-99 पासून खाली नमूद केलेल्या प्रथम ते चतुर्थ वर्ष बी.ई. पदवी अभ्यासक्रमास महाराष्ट्र विद्यापीठ कायदा 1994 कलम 86 अन्वये कायम संलग्नीकरण देण्यान येत आहे.

अभ्यासकम

सिव्हिल इंजिनिअरिंग मेकॅनिकल इंजिनिअरिंग इलेक्ट्रॉनिक्स इंजिनिअरिंग कॉम्प्युटर इंजिनिअरिंग

याबाबत शासनाने व विद्यापीठाने वेळोवेळी विहित केलेले नियम व अटी आगणावर बंधनकारक राहतील याची कृपया नोंद घ्यावी.

सोवट : चौकशी समितीचा अहवाल.

अ. नं.

- 1) मा. सचिव, उच्च व तंत्रशिक्षण आणि सेवायोजन विभाग, मंत्रालय विस्तार भवन, मुंबई- 400 32.
- 2) मा. संद्यालक, तंत्रशिक्षण, पत्रपेटो क्र. 1967, 3, महापालिका मार्ग, एल्फिस्टन रोड, हायस्कूल दिल्डिंग, मुंबई- 400 001.
- मा. संचालक, उच्च शिक्षण, महाराष्ट्र राज्य संचालनालय, मध्यवर्ती इमारत, पुणै- 411 001.
- 4) मा. सहसंचालक, उच्च शिक्षण, महाराष्ट्र राज्य संचालनालय, मध्यवर्ती इमारत, पुणे- ।11 001.
- 5) मा. उपकुलसचिव, नियोजन व विकास विभाग,



University of Pune

ephone Nos. : 020-25691233 25601258

25601259 25601257



ACADEMIC SECTION Ganeshkhind, PUNE-411007, INDIA

Telegraph: 'UNIPUNE' Fax: 020-25691233

Webside: www.unipune.ac.in e-mail: dyracademic@unipune.ac.in

Date: 24/6/2013

To The Principal, Sanjivani Rural Education Society's, Collage Of Engineering, Kopargaon, At-Sahajanandnagar, Post-Shinganapur, Tal. Kopargaon, Dist. Ahmednagar-423603

Sub: Permanent Affiliation to the courses under Engineering Faculty from the Academic year 2012-13.

I am directed to inform you that the University Authorities have been pleased to Sir, grant Permanent Affiliation to the following courses as per Section 88 of the Maharashtra Universities Act 1994, from the Academic year 2012-13, subject to the terms & conditions laid down by the University of Pune, Government of Maharashtra, University Grants Commission, New Delhi or any other regulatory authority's, decision enforced from time to time.

ENGINEERING FACULTY: B.E. First to Fourth Year

Course	Intake
Information Technology	60
Electronics & Telecommunication Engg	120

Encl: photocopy of the report

Yours Sincerely,

for Registrar. 2416/2013

Copy forwarded with compliments for information & necessary action to:

The Secretary, Higher & Technical Education, Mantralaya, Mumbai-400 032.

The Administrative Officer, Higher Education Grant, Pune Division Office, Maharashtra State, 17, Dr. Ambedkar Road, Near Saint Mathew Marathi Church, Opp. Lal Mandir, First Floor, Pune- 411 001.

The Controller of Examination, University of Pune, Pune - 411 007

The Dy. Registrar, Development Section, University of Pune, Pune- 411 007.

The Dy. Registrar, Engineering, Exam. Section, University of Pune, Pune-7

The System analyst, Management Information Cell (M.I.C.), University of Pune,

Pune- 411 007.

A 08PA/ 106/2013 dated 15th May-, 2013

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शैक्षणिक विभाग

दूरध्वनी क्रमांक:

०२०-२५६९१२३३ २५६०१२५७ २५६०१२५८



सावित्रीबाई फुले पुणे विद्यापीठ

(पूर्वीचे पुणे विद्यापीठ)



गिठ गणेशखिंड, पुणे-४११००७.

टेलिग्राफ : 'युनिपुणे'

फॅक्स : ०२०-२५६९१२३३ वेबसाइट : www.unipune.ac.in

इ-मेल : dyracademic@unipune.ac.in

संदर्भ क्र.: सीए । १६८३

प्रति,

मा. प्राचार्य,

संजीवनी रूरल एजुकेशन सोसायटी कॉलेज ओफ इंजिनियरिंग,कोपरगाव पताः मु.सहजानंद नगर पोस्ट. सिगनापूर ता.कोपरगाव जि.अहमदनगर ता.: कोपरगाव जि: अहमदनगर

विषय:- अटींच्या पूर्ततेच्या पडताळणी अहवालबाबत...



महोट्य

वरील विषयासंदर्भात विद्यापीठ अधिकार मंडळाने घेतलेल्या निर्णयानुसार आपणास कळविण्यात येते की, आपल्या महाविद्यालयास शैक्षणिक वर्ष २०१५-२०१६, या वर्षाकरिता खालील रकान्यात नमूद केलेल्या अभ्यासक्रमांच्या सलग्नीकरणाच्या नुतानिकरणास / नैसर्गिकवादील अखिल भारतीय तंत्रशिक्षण परिषद, नवी दिल्ली व तंत्रशिक्षण संचालनालय, महाराष्ट्र शासन यांचे अभ्यासक्रम व प्रवेश क्षमता मान्यतेच्या अधीन राहून अहवालातील अटींची पूर्तता करण्यात आलेली आहे.

अनु. क्र.	अभ्यासक्रमाचा तपशील	विद्यार्थी संख्या	प्रथमपाळी/व्दितीय पाळी	संलग्नीकरणाचा प्रकार
1	एम.इ. (इलेक्ट्रॉनिक्स) डिजिटल सिस्टीम्स	18	2015-2016 : - वर्ष प्रथम व व्दितिय- Div No.1,,	नूतनीकरण
2	एम.इ. (कॉमप्यूटर)	42	2015-2016 : - वर्ष पहिले- दुसरी पाळी Div No. 2,- वर्ष प्रथम व व्दितिय- Div No.1,,	न्तनीकरण
3	एम.इ. (मेकॅनिकल डिझाइन)	18	2015-2016 : - वर्ष प्रथम व व्दितिय- Div No.1,,	नूतनीकरण
4	एम.ई. (सिविल) एन्वाइरन्मेंटल इंजिनियरिंग	18	2015-2016 : - वर्ष प्रथम व व्दितिय- Div No.1,,	नूतनीकरण
5	एम.बी.ए.	60	2015-2016 : - वर्ष प्रथम व व्दितिय- दुसरी पाळी Div No. 1,,	नूतनीकरण
6	बी.ई. (कॉमप्यूटर)	60	2015-2016 : - वर्ष पहिले ते चौथे- Div No.2,,	नूतनीकरण
7	बी.ई. (मेकॅनिकल)	60	2015-2016 : - वर्ष व्दितिय व तृतीय- थेट दुसरे वर्ष(दुसरी पाळी) Div No. 3,,	नूतनीकरण
8	बी.ई. (सिविल)	120	2015-2016 : - वर्ष दुसरे- थेट दुसरे वर्ष(दुसरी पाळी) Div No. 3,- वर्ष पहिले ते चौथे- Div No.2,,	नूतनीकरण

1 Of 2

					2
9	एम.इ. (कॉमप्यूटर)	42	2015-2016 : - वर्ष दुसरे- दुसरी पाळी Div No. 2,,	नैसर्गिकवाढ	
10	बी.ई. (मेकॅनिकल)	60	2015-2016 : - वर्ष चौथे- थेट दुसरे वर्ष(दुसरी पाळी) Div No. 3,,	नैसर्गिकवाढ	
11	बी.ई. (सिविल)	120	2015-2016 : - वर्ष तिसरे- थेट दुसरे वर्ष(दुसरी पाळी) Div No. 3,,	नैसर्गिकवाढ	
	कळाचे,			आपला, भूजिक्मी । इं ।कुतसचिव णेक विभाग	

सावित्रीबाई फुले पुणे विद्यापीठ

दूरध्वनी क्रमांक :

०२०—२५६९१२३३ २५६०१२५८

२५६०१२५९

शैक्षणिक विभाग

गणेशखिंड, पूणे-४११ ००७

टेलिग्राफ : 'युनिपुणे'

फॅक्स : ०२०—२५६९१२३३

वेबसाइट : www.unipune.ac.in

ई—ਸੇਲ : dyracademic@unipune.ac.in

दिनांक : २९/०८/२०१६

College C. Engines Kopargaon, Dist. A. Nag

7 SEP 2016

nward No. 3439

संदर्भ क. :सीए/3292

प्रति.

मा. संचालक,

संजीवनी रुरल एज्युकेशन सोसायटीचे, कॉलेज ऑफ इंजिनिअरिंग,

पो. सहजानंदनगर, ता. कोपरगाव, जि. अहमदनगर — ४२३ ६०३

विषय: — संशोधन केंद्राच्या नृतनीकरणाबाबत...

महोदय

उपरोक्त विषयासंदर्भात विद्यापीठ अधिकार मंडळाने घेतलेल्या निर्णयानुसार आपणास कळविण्यात येते की, आपल्या संस्थेस खालील रकान्यात नमूद केलेल्या विषयांच्या पीएच.डी. संशोधन केंद्राचा अहवाल दर सहा महिन्याच्या प्रोग्नेस रिपोर्ट देण्याच्या अटीवर परवानगी देण्यात येत आहे.

अनु. क	विषय	शैक्षणिक वर्ष	कालावधी	नव्याने / नूतनीकरण
۶.	पीएच.डी. इलेक्ट्रॉनिक्स ॲण्ड टेलिकम्युनिकेशन इंजिनिअरिंग	२०१५१६ते २०१९२०	पाच वर्ष	नूतनीकरण

कळावे,

आपला

ं उपकुलसैचिवे

P.cot



All India Council for Technical Education (A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001 PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 <u>www.aicte-India.org</u>

F.No. Western/1-2809326468/2016/EOA

Date: 30-Apr-2016

To

The Secretary, Tech. & Higher Education Deptt. Govt. of Maharashta, Mantralaya, Annexe Building, Mumbai-400032

Sub: Extension of approval for the academic year 2016-17

Ref: Application of the Institution for Extension of approval for the academic year 2016-17

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2012 notified by the Council vide notification number F-No.37-3/Legal/2012 dated 27/09/2012 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Regional Office	Western	Application Id	1-2809326468
Name of the Institute	SANIVANI RURAL EDUCATION SOCIETY'S SANJIVANI COLLEGE OF ENGINEERING	Permanent Id	1-2896661
Name of the Society/Trust	SANJIVANI RURAL EDUCATION SOCIETY	Institute Address	AT: SAHAJANANDNAGAR POST- SHINGNAPUR TAL:-KOPARGAON DIST: AHMEDANAGR-423 603, KOPARGAON, AHMEDNAGAR, Maharashtra, 423603
Institute Type	Unaided - Private	Society/Trust Address	AT : SAHAJANANDINAGAR POST : SHINGNAPUR TAL : KOPARGAON DIST. AHMEDNAGAR,KOPARGAON,AHMEDNAGAR,Maha rashtra,423603

Opted for change from Women to Co-ed and Vice versa	No	Opted for change of name	Yes	Opted for change of site	No
Change from Women to Co-ed approved and Vice versa	Not Applicable	Change of name Approved	Yes	Change of site Approved	Not Applicable

Old Name of Institute: SANJIVANI RURAL EDUCATION SOCIETY'S COLLEGE OF ENGINEERING

To conduct following courses with the intake indicated below for the academic year 2016-17

Application Id: 1-2	280932646	38	Course	ые	Affiliating Body	-16	oved for	al status	Gulf quota tatus	on/Twining proval	
Program	Shift I	Level		Full/Part Tir		Intake 2015	Intake Appr 2016-17	NRI Approv	PIO / FN / G Approval sta	Foreign Collaboraric Program Ap status	

Application Number: 1-2809326468 Note: This is a Computer generated Report.No signature is required.

Page 1 of 4 Letter Printed On:2 May 2016

Printed By : ae976141



All India Council for Technical Education (A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001 PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 <u>www.aicte-India.org</u>

ENGINEERIN G AND TECHNOLO GY	1st Shift	POS T GRA DUA TE	COMPUTER ENGINEERING	FULL TIME	University of Pune, Pune	18	18	NA	NA	NA
ENGINEERIN G AND TECHNOLO GY	1st Shift	POS T GRA DUA TE	DIGITAL SYSTEMS	FULL TIME	University of Pune, Pune	18	18	NA	NA	NA
ENGINEERIN G AND TECHNOLO GY	1st Shift	POS T GRA DUA TE	ENVIRONMENT AL ENGINEERING	FULL TIME	University of Pune, Pune	18	18	NA	NA	NA
ENGINEERIN G AND TECHNOLO GY	1st Shift	POS T GRA DUA TE	MACHINE DESIGN	FULL TIME	University of Pune, Pune	18	18	NA	NA	NA
ENGINEERIN G AND TECHNOLO GY	1st Shift	UND ER GRA DUA TE	CIVIL ENGINEERING	FULL TIME	University of Pune, Pune	120	120	NA	NA	NA
ENGINEERIN G AND TECHNOLO GY	1st Shift	UND ER GRA DUA TE	COMPUTER ENGINEERING	FULL TIME	University of Pune, Pune	120	120	NA	NA	NA
ENGINEERIN G AND TECHNOLO GY	1st Shift	UND ER GRA DUA TE	ELECTRONICS AND TELECOMMUNI CATIONS ENGINEERING	FULL TIME	University of Pune, Pune	120	120	NA	NA	NA
ENGINEERIN G AND TECHNOLO GY	1st Shift	UND ER GRA DUA TE	INFORMATION TECHNOLOGY	FULL TIME	University of Pune, Pune	60	60	NA	NA	NA
ENGINEERIN G AND TECHNOLO GY	1st Shift	UND ER GRA DUA TE	MECHANICAL ENGINEERING	FULL TIME	University of Pune, Pune	120	120	NA	NA	NA
ENGINEERIN G AND TECHNOLO GY	2nd Shift	POS T GRA DUA TE	COMPUTER ENGINEERING	FULL TIME	University of Pune, Pune	24	24	NA	NA	NA
	2nd	UG	CIVIL	FULL	University of	60	60	NA	NA	NA

Application Number: 1-2809326468
Note: This is a Computer generated Report.No signature is required.
Printed By: ae976141

Page **2** of **4** Letter Printed On:2 May 2016



All India Council for Technical Education (A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001 PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 <u>www.aicte-India.org</u>

ENGINEERIN G AND TECHNOLO GY	Shift	2nd Yr DIRE CT	ENGINEERING	TIME	Pune, Pune					
ENGINEERIN G AND TECHNOLO GY	2nd Shift	UG 2nd Yr DIRE CT	MECHANICAL ENGINEERING	FULL TIME	University of Pune, Pune	60	60	NA	NA	NA
MANAGEME NT	2nd Shift	POS T GRA DUA TE	MASTERS IN BUSINESS ADMINISTRATI ON	FULL TIME	University of Pune, Pune	60	60	NA	NA	NA

The above mentioned approval is subject to the condition that SANJIVANI RURAL EDUCATION SOCIETY'S COLLEGE OF ENGINEERING shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal.

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

Note: Validity of the course details may be verified at www.aicte-india.org

Prof. Alok Prakash Mittal Member Secretary, AICTE

1. The Regional Officer,

All India Council for Technical Education Industrial Assurance Building 2nd Floor, Nariman Road Mumbai - 400 020, Maharashtra

2. The Director Of Technical Education,

Maharashtra

3. The Registrar,

University of Pune, Pune

4. The Principal / Director.

THE FINISHAL DIRECTOR, SOCIETY'S COLLEGE OF ENGINEERING AT: SAHAJANANDNAGAR POST- SHINGNAPUR TAL:-KOPARGAON DIST: AHMEDANAGR-423 603, KOPARGAON,AHMEDNAGAR, Maharashtra,423603

5. The Secretary / Chairman,

Application Number: 1-2809326468 Note: This is a Computer generated Report No signature is required. Printed By: ae976141

Page 3 of 4 Letter Printed On:2 May 2016



All India Council for Technical Education (A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001 PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

SANJIVANI RURAL EDUCATION SOCIETY AT: SAHAJANANDNAGAR POST: SHINGNAPUR TAL: KOPARGAON DIST. AHMEDNAGAR, KOPARGAON,AHMEDNAGAR, Maharashtra,423603

6. Guard File(AICTE)

Application Number: 1-2809326468 Note: This is a Computer generated Report.No signature is required. Printed By: ae976141 Page **4** of **4** Letter Printed On:2 May 2016



राष्ट्रीय प्रत्यायन मंडल (रा.प्र.मं) National Board of Accreditation (NBA)

(constituted under clause 10 (u) of AICIE Act 1987)

F. No. NBA/ACCR -102/2002 Dated 16/12/2002

Dr. P. N. RAZDAN Member Secretary

To

The Principal
Sanjivani Rural Education Society's College of Engg.,
Sahajanandnagar,
Post Shingnapur – 423 603
Ahmednagar Dist., MAHARASTRA

Sir,

College of Engineering Kopargaon Dist. Ahmednagar

1 JAN 2003

Inward No. 5409

Sub: NBA Accreditation to your institutional programmes

Subsequent to the NBA accreditation visit to your institution and the decision of the National Board of Accreditation in its meeting held on 13th November 2002, I am directed to convey the following accreditation grades.

S.NO.	Name of Programme(s)	Accreditation Grade	Period of validity w.e.f. 30-11-2002
1	BE Mechanical Engg.	С	3yrs
2	BE Electronics Engg.	C	3yrs

(Total number of programmes accredited vide this letter - TWO)

The Accreditation grades awarded to the degree programmes of your institution do not imply accreditation to the College/Institution as a whole. The full name of the Degree Programme, Grade awarded and the period of validity of accreditation, as well as the date from which the award is effective, should be quoted unambiguously whenever it is used.

The grade(s) awarded to the above programmes of your College/Institution are on the presumption that the Institute would maintain the current standards in future. If there are any changes that would effectively alter the grade (such as, major changes in faculty availability or changes in the management structure, etc) alter the award of the accreditation grades, the same shall be communicated to the NBA, with an appropriate explanatory note.

Yours sincerely

Recezolan (P.N. Razdan)

C.C - (i

(i) The Vice Chancellor, University of Pune, Pune

(ii) The Secretary, Govt. of Maharastra

(iii) The Regional Officer, WRO, AICTE

(P.N. Razdan)

अखि**श** भारतीय तकनीकी शिक्षा परिषद्, इन्दिरा गांधी खेल परिसर, इन्द्रप्रस्थ एस्टेट, नई दिल्ली — 1 1 0 0 0 2 . भारत All India **Cou**ncil for Technical Education, I.G. Sports Complex, I.P. Estate, New Delhi - 110 002, India

दूरभाप / Phone (Off.) . +91- 11 - 3392562, 95, 81 केंद्रमा / Fav. +91-11-3392554, 95 ईगेल / e-mail : ikbhat@aicte ernet.in/nba@aicte ernet.in



राष्ट्रीय प्रत्यायन मंडल (रा.प्र.म.)

NATIONAL BOARD OF ACCREDITATION (NBA)

(constituted under clause 10 (U) of AICTE Act, 1987)

F. No. NBA/ACCR -113(II)/2002 Dated 20/05/2003

Dr. P. N. RAZDAN Member Secretary

To The Principal SRE Society College of Engg, At - Sahajanandnagar post Shingnapur -423 603 Tal- Koargaon, Dist- Ahmednagar (MS)

Sub: NBA Accreditation to your institutional programmes

College of Engineering Kopargaon Dist. Ahmednagai

2 7 MAY 2003

This is with reference to your proposal for accreditation of the following programmes and the NBA accreditation visit to your institution. The report of the accreditation visit was considered by the Sectoral Committee and subsequently by the National Board of Accreditation in its meeting held on May 7, 2003. Based on the recommendations of the Board, I am directed to convey the following accreditation Status of various Programmes.

S.NO.	Name of Programme(s)	Accreditation Status	Period of validity w.e.f. 07-05-2003
1.	B.E. Civil Engg	Accredited	3 years
2. 4	B.E. Computer Sc & Engg	Accredited	3 years

(Total number of programmes accredited vide this letter - Two)

The Accreditation Status awarded to the various programmes of your institution does not imply accreditation to the College/Institution as a whole. The full name of the Programme accredited and the period of validity of accreditation, as well as the date from which the award is effective, should be quoted unambiguously whenever it is used.

The Status awarded to the above programmes of your College/Institution are on the presumption that the Institute would maintain the current standards in future. If there are any changes that would effectively alter the status (such as, major changes in faculty availability or changes in the management structure, etc), the same shall be communicated to the Member Secretary NBA, with an appropriate explanatory note.

Yours sincerely.

(P.N. Razdan)

C.C-The Vice Chancellor, Pune University, Ganeshkhind Road, Pune 411007 (MS) (i) (ii)

The Secretary Govt. of Maharahtra, Mumbai

(iii) The .W.R.O Mumbai

(P.N. Razdan)



अखिल भारतीय तकनीकी शिक्षा परिषद् ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

(भारत सरकार का एक सांविधिक निकाए) (A STATUTORY BODY OF THE GOVT. OF INDIA)

राष्ट्रीय प्रत्यायन मंडल (रा.प्र.म.) NATIONAL BOARD OF ACCREDITATION (NBA) (Constituted Under Clause 10(u) of AICTE act. 1967)

Dr. (Mrs.) Tabassum Naqvi Halder Director – Quality Assurance NBA/ACCR-887/2007 July 19, 2008

To

The Principal/Director, SRES College of Engineering, At: Sahajanandnagar, Post: Shingnapur – 423 603, Taluk: Kopargaon, Dist: Ahmednagar (MS)

Sub: Accreditation Status of Programme(s) offered by your Institution.

Dear Sir:

With reference to your application for accreditation of the following programme (s) and the Expert Committee visit to your institution, the report of the visit team was considered by the various Sectoral Committees and subsequently by the National Board of Accreditation in its meeting held on 19.07.2008. Based on the recommendations of the Board, I am pleased to communicate the Accreditation Status of the following programme (s) from your Institution.

SI. No.	Name of UG Programme(s)	Accreditation Status	Period of validity w.e.f. 19.07.2008
1.	Civil Engineering	Accredited	3 years
2.	Computer Engineering	Accredited	3 years
3.	Mechanical Engineering	Accredited	3 years

(Total number of programmes Accredited vide this letter - Three)

The Accreditation status awarded to the above programmes of your institution does not imply accreditation to the College / Institution as a whole. Complete name of the Programme(s) Accredited and its period of validity, as well as the date from which the award is effective, should be quoted unambiguously whenever it is used. The accreditation status of the above programmes is subject to periodic review by the NBA Secretariat and will be changed if major deficiencies are identified on surveillance. You are also requested to comply with the mandatory disclosure of pertinent information as per the proforma placed in the AICTE website with respect to accredited programmes of your institution. The same information should also appear in the website and information bulletin of your institution clearly indicating the date of publication of the same.

Contd....

भैधा तल, इस्ट टावर, एन वी सी सी र्लंस, मीम्प पितामाह मार्ग, प्रगति विहार, नई दिल्ली –110003 अन्तर को 14th FlooryEast Tower, NBCC Place, Bhisham Pitamaha Marg, Pragati Vihar, New Delhi -110003 Коргазуалы Telefax : (D) 24369624 EPBAX : 24369619 - 22



2

The status awarded to the above programmes of your college / Institution is on the presumption that the programmes would maintain the current standards in future. If there are any changes that would effectively after the status (such as, major changes in faculty strength or changes in the organizational structure, etc.), the same shall be communicated to the undersigned, with an appropriate explanatory note. A comprehensive report submitted by the Chairman of the expert committee who visited your institution and the distribution of marks/points awarded for each programme against the accreditation parameters are enclosed for further necessary action at your end to overcome the shortcomings observed in each programme. If you are not satisfied with the decision of the Board, you may forward your appeal application with requisite fee within thirty days of receipt of this communication.

Let me also take this opportunity to congratulate all those who have contributed to the quality enhancement of programmes that secured accreditation by NBA.

With best wishes,

Yours Truly,

(Tabassum Nagvi)

C.C. :

- The Vice-Chancellor, University of Pune, Maharashtra
- The Director,
 Directorate of Technical Education,
 Govt. of Maharashtra,
 3, Mahapalika Marg,
 Mumbal 400 001 (MS)
- The Regional Officer, All India Council for Technical Education Western Regional Office, 2nd Floor, Industrial Assurance Building, V.N. Road, Opp. Churchgate Rly Station, Churchgate, Mumbal – 400 020 (MS)
- 4. Accreditation File

5. Guard File.

College of Engineering Kopargaon (Tabassum Naqvi)

NBCC Place, East Tower, 4th Floor, Bhisham Pitamah Marg Pragati Vihar, New Delhi-110 003

Tel: +91 11 2436 0620, 2436 0654 Telefax: +91 11 2436 0682

File No.28-299/2010-NBA

To

The Principal/Director SRES, College of Engineeing, At: Sahajanandnagar, Post: Shingnapur Taluk: Kopargaon – 423 603, Dist: Ahmednagar, M.S.



Date: 07.12.2013

Sub: Accreditation status of programmes applied by SRES, College of Engineeing, At: Sahajanandnagar, Post: Shingnapur Taluk: Kopargaon – 423 603, Dist: Ahmednagar, M.S.

Dear Sir/ Madam

This has reference to your application dated 20.01.2011 seeking accreditation of National Board of Accreditation to UG Programmes offered by your institution.

2. An Expert Team conducted an on-site evaluation of the programmes during 01-02-2013 to 03-02-2013. The report submitted by the Expert Team was considered by the Engineering Accreditation Evaluation Committee (EAEC) at its meeting held on 29.09.2013. The Sub-Committee of Academic Advisory Committee on Engineering considered the recommendations of EAEC at its meeting held on 06.11.2013. The Executive Committee of the National Board of Accreditation considered the recommendations of the Sub-Committee of Academic Advisory Committee on Engineering at its meeting held on 08.11.2013. The Executive Committee approved the accreditation status of the programmes as given in the table below:

SI. No	Name of the Programmes (UG)	Accreditation Status	Period of validity w.e.f. 08.11.2013	Remarks	
(1)	(2)	(3)	(4)	(5)	
i)	Electronics & Telecommunication Engineering	Provisionally Accredited	2 years	Accreditation Status granted is valid till the programme has the	
ii)	Information Technology	Provisionally Accredited	2 years	approval of the Competent Authority o the period given in Col '4', whichever is earlier.	

- 3. The accreditation status awarded to the programmes as indicated in the above table does not imply that the accreditation has been granted to SRES, College of Engineeing, Taluk: Kopargaon, Dist: Ahmednagar, M.S. as a whole. As such the institution should nowhere alongwith its name including on its letter head etc., write that it is accredited by NBA because it is programme accreditation and not institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously. Complete name of the programme(s) accredited, level of programmes (UG or PG as the case may be) and the period of validity of accreditation, as well as the date from which the accreditation is effective, should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.
- 4. The accreditation status of the above programmes is subject to change on periodic review, if needed by the NBA. It is desired that the relevant information in respect of accredited programmes as indicated in the ball is accorded. In process on the website and information bulletin of your institution.

-2-

- 5. The accreditation status awarded to the programmes as indicated in table in paragraph 2 above is subject to maintenance of the current standards during the period of accreditation. If there are any changes in the status (major changes of faculty strength, organizational structure etc.), the same are required to be communicated to the NBA, with an appropriate explanatory note.
- Copies of the Comprehensive Report submitted by the Chairman of the Expert Team along with the
 detailed reports submitted by the Expert Team which visited your institution for the programmes evaluated
 are enclosed for reference and to take necessary action to overcome the shortcomings, if any, pointed out by
 the Expert Team.
- If the institution is not satisfied with the decision of NBA, it may appeal within thirty days of receipt of this communication giving reasons for the same and by paying the requisite fee.

Yours faithfully,

(Dr. Anil Kumar Nassa) Member Secretary

Note: Under Para 3.4.4 of Chapter 3 of the Manual of Accreditation, 2013, it is provided that the application for accreditation received in an academic year will be considered in next academic year. Therefore, the Institute may apply if it so desires, in the academic year 2014-15 for full accreditation of the provisionally accredited programme(s) in order to have continuation of accreditation.

Encls: 1. Copy of Report of Chairman of the Expert Team

2. Copies of Expert Reports of the Expert Team.

Copy to:

The Secretary,
Higher & Technical Education & Employment Department
Govt. of Maharashtra, Mantralaya,
Mumbai-400 032

The Director
 Directorate of Technical Education
 Govt. of Maharashtra
 Mahapalika Marg
 Mumbai-400 001 (MS)

3. The Registrar University of Pune, Ganeshkhind Pune-411007

4. Accreditation File

Master accreditation file of the State.

NATIONAL BOARD OF ACCREDITATION

NBCC Place, East Tower, 4th Floor, Bhisham Pitamah Marg Pragati Vihar, New Delhi-110 003 Tel: +91 11 2436 0620, 2436 0654 Telefax: +91 11 2436 0682



F.No.28-299-2010-NBA

Dated: 23-10-2015

To

The Principal SRES College of Engg., AT: Sahajanandnagar, Post Shingnapur, Kopargaon, Dist. Ahmednagar, Maharashtra

Subject: Accreditation status of programs applied by SRES College of Engg., AT: Sahajanandnagar, Post Shingnapur, Kopargaon, Dist. Ahmednagar, Maharashtra.

Sir,

This has reference to your application dated 24.04.2014 in Tier II format seeking accreditation by National Board of Accreditation to the UG Engineering programmes offered by SRES College of Engg., AT: Sahajanandnagar, Post Shingnapur, Kopargaon, Dist. Ahmednagar, Maharashtra.

2. An Expert Team conducted on-site evaluation of the programs during 28th to 30th August, 2015. The Report submitted by the Expert Team was considered by the concerned Committees constituted for the purpose in NBA. The competent authority in NBA has approved the accreditation status to the following programs as given in the table below:

Sl. No.	Name of the Programs (UG)	Basis of Evaluation	Accreditation Status	Period of validity w.e.f. 01.07.2015	Remarks	
(1)	(2)	(3)	(4)	(5)	(6)	
1.	Civil Engineering		Provisionally Accredited	2 years	Accreditation status granted is valid for th	
2.	Computer Engineering	Tier II Document	Provisionally Accredited (615 marks awarded by visiting team reduced to 607 as per the observation made indicated in the annexure to this letter)	2 years	period indicated in col.5 or till the progran has the approval of the competent authority, whichever is earlier	

 It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

4. The above programmes have been granted provisional accreditation for 2 years. As such SRES College of Engg., AT: Sahajanandnagar, Post Shingnapur, Kopargaon, Dist. Ahmednagar, Maharashtra should submit the Self-Assessment Report alongwith a Compliance Report at least after one year to be considered by the Engineering Evaluation and Accreditation Committee (EEAC) to formulate a view whether compliance report is enough to recommend for accreditation or a visit to the Institute is necessary. The recommendations of the EEAC will be considered by the Sub-Committee of Academic Advisory Committee of Engineering for a decision.

Contd/....

College Of Engineering Ropargaem, Diet. A. Nagar

- 5. The accreditation status awarded to the programs as indicated in the above table does not imply that the accreditation has been granted to SRES College of Engg., AT: Sahajanandnagar, Post Shingnapur, Kopargaon, Dist. Ahmednagar, Maharashtra as a whole. As such, the Institute should nowhere along with its name including on its letter head etc. write that it is accredited by NBA because it is program accreditation and not Institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously. Complete name of the program(s) accredited, level of programs and the period of validity of accreditation, as well as the date from which the accreditation is effective, should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.
- 6. The accreditation status of the above programs is subject to change on periodic review, if needed by the NBA. It is desired that the relevant information in respect of accredited programs as indicated in the table in paragraph 2, appears on the website and information bulletin of your Institute.
- 7. The accreditation status awarded to the programs as indicated in table in paragraph 2 above is subject to maintenance of the current standards during the period of accreditation. If there are any changes in the status (major changes of faculty strength, organizational structure etc.), the same are required to be communicated to the NBA, with an appropriate explanatory note.
- 8. Copies of Report of Chairman of the Visiting Team and Evaluators' Reports in respect of the above programmes are also enclosed.
- 9. If the Institute is not satisfied with the decision of NBA, it may appeal within thirty days of receipt of this communication giving reasons for the same and by paying the requisite fee.

Yours faithfully,

(Dr. Anil Kumar Nassa) Member Secretary

- Encls: 1. Copy of Report of Chairman of the Visiting Team.
 - Copies of Expert Reports of the Visiting Team.

Copy to:

- The Director
 Directorate of Technical Education
 Govt. of Maharashtra 3, Mahapalika Marg,
 Mumbai 400 001
- The Registrar Savitribai Phule Ganeshkhind, Pune Maharashtra 411 007
- The Secretary
 Higher & Technical Education & Employment Department Govt of Maharashtra, Mantralaya, Mumbai – 400 001
- 4. Accreditation file
- 5. Master Accreditation file of the State

NATIONAL BOARD OF ACCREDITATION

NBCC Place, East Tower, 4th Floor, Bhisham Pitamah Marg, Pragati Vihar, New Delhi-110 003 Tel: +91 11 2436 0620-22, 2436 0654 Telefax: +91 11 2436 0682 Website: www.nbaind.org



F.No.28-299-2010-NBA

Dated: 30-12-2015

The Principal SRES College of Engg., AT: Sahajanandnagar, Post Shingnapur, Kopargaon, Dist. Ahmednagar- 423603, Maharashtra.

Subject:

Decision on appeal against non-Accreditation of UG Engineering program of SRES College of

Engg., Post:-Shingnapur Kopargaon, Dist:-Ahmednagar- 423603, Maharashtra.

Sir,

This has reference to appeal dated 07-11-2015 filed by you against non-accreditation of the UG Mechanical Engineering program of your Institution.

The Appeal was considered by the Appellate Committee of NBA in its meeting held on 17-12-2015. The recommendation of the Appellate Committee was considered by the Competent Authority in NBA. Based on the decision taken, accreditation status of the program is given in the table below:

SI. N	Name of the Program (UG)	Basis of Evaluation	Accreditation Status	Period of validity w.e.f. 01-07-2015	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1.	Mechanical Engineering	Tier II Document	Provisionally Accredited	2 years	Accreditation status granted is valid for the period indicated in Col.5 or till the program has the approval of the competent authority, whichever is earlier.

- It may be noted that only students who graduate during the validity period of accreditation. will be deemed to have graduated with an NBA accredited degree.
- The accreditation status awarded to the program as indicated in the above table does not imply that the accreditation has been granted to SRES College of Engg., AT: Sahajanandnagar, Post Shingnapur, Kopargaon, Dist. Ahmednagar, Maharashtra as a whole. As such the Institution should nowhere along with its name including on its letter head etc., write that it is accredited by NBA because it is program accreditation and not Institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously. Complete name and level of the program accredited and the period of validity of accreditation, as well as the date from which the accreditation is effective, should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.

Contd.../-



- 5. The accreditation status of the above program is subject to change on periodic review, if needed by the NBA. It is desired that the relevant information in respect of accredited program as indicated in the table in paragraph 2, appears on the website and information bulletin of your Institute.
- 6. The accreditation status awarded to the program as indicated in table in paragraph 2 above is subject to maintenance of the current standards during the period of accreditation. If there are any changes in the status (major changes of faculty strength, organizational structure etc.), the same are required to be communicated to the NBA, with an appropriate explanatory note.

Yours faithfully,

(Dr. Anil Kumar Nassa) Member Secretary

Copy to:

- The Director
 Directorate of Technical Education
 Govt. of Maharashtra 3, Mahapalika Marg,
 Mumbai 400 001
- 2. The Registrar University of Pune,
- 3. Accreditation File
- 4. Guard File

NATIONAL BOARD OF ACCREDITATION

NBCC Place, East Tower, 4th Floor, Bhisham Pitamah Marg, Pragati Vihar, New Delhi-110 003 Tel: +91 11 2436 0620-22, 2436 0654 Telefax: +91 11 2436 0682

Website: www.nbaind.org



File No. 28-299-2010-NBA

The Principal SRES College of Engineering, Post Shingnapur, Kopargaon Distt. Ahmednagar. Maharashtra

College Of Engineering Kopargaon, Dist. A. Nagar - 16th September, 2016 274 SEP 2016

Subject: Extension of the Period of Accreditation Status granted to UG Engineering Program(s) offered by SRE3 College of Engineering, Post Shingnapur, Kopargaon Distt. Ahmednagar, Maharashtra.

Sir,

This has reference to NBA's letter of even number dated 23-10-2015 under which some of the UG Engineering program(s) offered by your Institution were granted provisional accreditation for 2 years in Tier II by National Board of Accreditation.

National Board of Accreditation (NBA) has now decided that in all cases where UG Engineering program(s) of an Institution were granted provisional accreditation for a period of 2 years in Tier I/Tier-II format, the period of provisional accreditation of these programs shall be extended from 2 to 3 years subject to the condition that they meet the essential Pre-visit qualifiers. The Pre-visit qualifiers submitted by SRES College of Engineering, Post Shingnapur, Kopargaon Distt. Ahmednagar, Maharashtra have been considered and approved by NBA in respect of the following UG Engineering program(s). Accordingly, the competent authority in NBA has approved the following accreditation status to the program(s) as given in the Table below:

S. No.	Name of the Program(s) (UG)	Basis of Evaluation	Accreditation Status	Period of extended validity	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1.	Civil Engineering	Tier-II Document	Provisionally Accredited	Academic Year 2017-2018, i.e., upto 30- 06-2018.	Accreditation status granted is valid for the period indicated in col.5 or till the program has the approval of the competent authority, whichever is earlier

- It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.
- The programs have been granted provisional accreditation. SRES College of Engineering, Post Shingnapur, Kopargaon Distt. Ahmednagar, Maharashtra should submit the Compliance Report at least six months before the expiry of validity of accreditation mentioned above to be eligible to be considered by the concerned Committee in NBA for further processing of the accreditation status. This could entail further extension of accreditation or a revisit, as deemed appropriate by NBA Committees.

Contd/...

-2-

- 5. The accreditation status awarded to the program(s) as indicated in the above table does not imply that the accreditation has been granted to SRES College of Engineering, Post Shingnapur, Kopargaon Distt. Ahmednagar, Maharashtra as a whole. As such the Institution should nowhere along with its name, including on its letter head etc. write that it is accredited by NBA because NBA only accredits program(s), and not Institutions. If such an instance comes to NBA's notice, this will be viewed seriously. Complete name of the program(s) accredited, level of programs and the period of validity of accreditation, should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.
- 6. The accreditation status of the above program(s) is subject to change on periodic review, as deemed necessary by the NBA. It is desired that the relevant information in respect of accredited program(s) as indicated in the Table in paragraph 2, appears on the website and information bulletin of your College/Institution.
- 7. The accreditation status awarded to the program(s) as indicated in Table in paragraph 2 above is subject to maintenance of the current standards during the period of accreditation. If there are any changes in the status (major changes of faculty strength, organizational structure etc.), the same are required to be communicated to the NBA, with an appropriate explanatory note.

Yours faithfully,

(Dr. Anil Kumar Nassa) Member Secretary

Copy to:

- Directorate of Technical Education Govt. of Maharashtra 3, Mahapalika Marg Mumbai 400 001
- The Registrar Pune University Ganeshkhind, Pune Maharashtra 411007
- 3. Accreditation Files
- 4. Master Accreditation Folder of the State