

Annual Quality Assurance Report for Academic Year 2017 – 2018

Submitted by



STES's

Sinhgad College of Engineering, Vadgaon (Budruk)

Pune – 411 041

(Approved By AICTE, Recognized By Government of Maharashtra, Affiliated to Savitribai Phule Pune University)
(NAAC "A" Grade)

Submitted to



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद्

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

P. O. Box. No. 1075, Opp: NLSIU, Nagarbhavi, Bangalore - 560 072 India

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The Annual Quality Assurance Report (AQAR) of the IQAC for Academic Year 2017-18

Part – A

1. Details of the Institution

1.1 Name of the Institution	STES's Sinhgad College of Engineering
1.2 Address Line 1	44/1, Vadgaon (Budruk)
Address Line 2	Off Sinhgad Road
City/Town	Pune
State	Maharashtra
Pin Code	411 041
Institution e-mail address	Principal.scoe@sinhgad.edu
Contact Nos.	91 20 242100183 (IQAC Coordinator)
Name of the Head of the Institution:	Prof. (Dr.) S.D. Lokhande
Tel. No. with STD Code:	91 20 24354705
Mobile:	9822335468, 9011030579

Name of the IQAC Co-ordinator:

Mobile:

9881230157

IQAC e-mail address:

hodbiotech.scoe@sinhgad.edu

1.3 NAAC Track ID (For ex. MHCOGN 18879)

MHCOGN 26248

1.4 Website address:

www.sinhgad.edu

Web-link of the AQAR:

<http://www.sinhgad.edu>

1.5 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	A	3.25	2017	5 yrs.

1.6 Date of Establishment of IQAC: DD/MM/YYYY

28/08/2017

1.7 AQAR for the year

2017-18

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11 submitted to NAAC on 12-10-2011)

Not Applicable – This is the First AQAR being submitted to NAAC after latest Assessment

1.9 Institutional Status

University State Central Deemed Private

Affiliated College Yes No

Constituent College Yes No

Autonomous college of UGC Yes No

Regulatory Agency approved Institution Yes No

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education Men Women

Urban Rural Tribal

Financial Status Grant-in-aid UGC 2(f) UGC 12B

Grant-in-aid + Self Financing Totally Self-financing

1.10 Type of Faculty/Programme

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

. --

1.11 Name of the Affiliating University (for the Colleges)

Savitribai Phule Pune University

1.12 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University	-		
University with Potential for Excellence	-	UGC-CPE	-
DST Star Scheme	-	UGC-CE	-
UGC-Special Assistance Programme	-	DST-FIST	-
UGC-Innovative PG programmes	-	Any other (<i>Specify</i>)	-
UGC-COP Programmes	-		

2. IQAC Composition and Activities

2.1 No. of Teachers	10
2.2 No. of Administrative/Technical staff	02
2.3 No. of students	NIL
2.4 No. of Management representatives	02
2.5 No. of Alumni	NIL
2. 6 No. of any other stakeholder and community representatives	NIL
2.7 No. of Employers/ Industrialists	NIL
2.8 No. of other External Experts	02

2.9 Total No. of members

2.10 No. of IQAC meetings held

2.11 No. of meetings with various stakeholders: No. Faculty
Non-Teaching Staff Students Alumni Others

2.12 Has IQAC received any funding from UGC during the year? Yes No

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. International National State Institution Level

(ii) Themes

2.14 Significant Activities and contributions made by IQAC

1. Implementation of Academic Monitoring Committee (AMC)
2. Finalization of frequency and formats for collection of data through Quality Management System
3. Implementation of online Faculty Appraisal
4. Formation of the committees for –
 - a) Students Activities
 - b) Research Consultancy Promotion
 - c) Administration

2.15 Plan of Action by IQAC/Outcome

Plan of Action	Achievements
1. To implement Academic Monitoring Committee (AMC) 2. To Finalize frequency and formats for collection of data through Quality Management System 3. Implementation of online Faculty Appraisal 4. Formation of the committees for – a) Students Activities b) Research Consultancy Promotion c) Administration	Established AMC 2. Formats Prepared and data to be collected at the end of each semester 3. Done 4. Established 3 Committees

2.16 Whether the AQAR was placed in statutory body Yes No
 Management Syndicate any other body

ACADEMIC REPORT BASED ON NAAC-IQAR

Period: 2017-18

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	4	0	0	0
PG	15	0	0	0
UG	8	0	0	0
PG Diploma	0	0	0	0
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	-	-	-	-
Others	-	-	-	-
Total	27	-	-	-
Interdisciplinary	-	-	-	-
Innovative	-	-	-	-

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	√

1.3 Feedback from stakeholders* Alumni Parents Employers Students
(On all aspects)

Mode of feedback : Online Manual Co-operating schools (for PEI)

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

- a) The third year engineering curriculums (Semester 5 and 6) of programmes Biotechnology, Chemical, Computer, Electronics and Telecommunication, IT, Mechanical and Production have been revised and updated.
- b) The examination pattern has also been modified to include 30% in semester evaluation and 70 % end semester examination.
- c) 'Employability Skills' is introduced in revised syllabus
- d) Audit courses are introduced.

1.5 Any new Department/Centre introduced during the year. If yes, give details.

Entrepreneurship Development Cell.

Criterion II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Sr. No	Department	Total	Asst. Professors	Associate Professors	Professors	Cadre Ratio
1	Biotechnology	11	10	00	01	1:0:10
2	Chemical	12	07	03	02	2:3:7
3	Civil	43	36	05	02	2:5:36
4	Computer	34	26	7	1	1:7:26
5	E & TC	55	44	02	09	9:2:44
6	IT	23	16	06	01	1:6:16
7	Mechanical	73	63	05	05	5:5:63
8	Production	11	09	02	0	0:2:9

No. of visiting/adjunct faculty

Sr. No	Department	No. of Visiting/adjunct faculty
1	Biotechnology	01
2	Chemical	0
3	Civil	6
4	Computer	6
5	E & TC	0
6	IT	NIL
7	Mechanical	18
8	Production	0

2.2 No. of permanent faculty with Ph.D. -

Sr. No	Department	No. of permanent faculty with Ph.D. -
1	Biotechnology	02
2	Chemical	06
3	Civil	05
4	Computer	01
5	E & TC	10
6	IT	01
7	Mechanical	05
8	Production	01

2.3 Faculty participation in conferences and symposia:

Sr. No	Department	No. of Faculty	International level	National level	State level
	SCOE	Attended Seminars/ Workshops	07	28	0
		Presented papers	25	13	0
		Resource Persons	17	18	02

2.4 Innovative processes adopted by the institution in Teaching and Learning:

1. Pre-Semester planning of academic calendar
2. Faculty and students taken up NPTEL courses.
3. Experiential learning opportunities through Value Addition Programs (VAP)
4. Exposure to Industry through industry visits.
5. Internship opportunities for hands-on experience in Summer Break
6. Organization of Poster/Project Exhibition
7. Skill Development through Audit courses and Students Training Program

Faculties are undergoing NPTEL Courses for gaining more knowledge in the different areas. Faculty has registered for various courses are given below:

Sr.No.	Department	Course Name
1	Biotechnology	<ol style="list-style-type: none"> 1. Cell culture technologies 2. Outcome based pedagogic principles for effective teaching 3. Biomedical Nanotechnology 4. Cell culture technologies 5. Biology for engineers and other non biologists 6. Unit operations for particulate matter 7. Industrial Biotechnology
2	Chemical	<ol style="list-style-type: none"> 1. Mechanical Operation 2. Heat Transfer 3. Engineering Thermodynamics 4. Transport Phenomenon

3	Civil	Apart from regular class room teaching, the department gives emphasis to make the students aware about the contemporary issues in civil engineering by arranging guest lectures, site visits, educational videos etc. The department also has 02 students' chapters through which various activities such as quiz / poster competitions / field demos are arranged to enhance students' practical knowledge
4	Computer	1. k-point, 2. FOP
5	E & TC	<ol style="list-style-type: none"> 1. Value addition programs are carried out for each class. 2. The digital recording in the form of K-Point recording is done for the students as on line help. 3. Project based learning is carried out for the students to understand industrial relevance. 4. The competitions for mini projects as well as major projects are organized to boost hands – on. 5. Content beyond syllabi is taught to bridge the gaps.
6	IT	<ol style="list-style-type: none"> 1. Train the Trainers Program organised for the faculty members 2. The digital recording in the form of K-Point recording is done for the students as on line help 3. Continuous evaluations through projects, presentations 4. Students participate in Internship Training. 5. Faculties are undergoing NPTEL Courses
7	Production	NIL
8	Mechanical	<ol style="list-style-type: none"> 1. Train the Trainers Program organised for the faculty members 2. Project Based Learning [PBL] 3. Students Training program I and III 4. Value Added Program 5. Healthy interaction between students and faculty which goes beyond the classrooms; Learning beyond curriculum. 6. 24X7 Wi-Fi enabled campus providing for technology access. 7. Overhead projectors in every classroom 8. Well-equipped Internet Resource Centre and computer lab 9. Presentations/animations/videos are regularly being used apart from regular conventional black board teaching. 10. Group discussions, Case studies, problem based learning practices. 11. Continuous evaluations through projects, presentations 12. Students participate in Internship Training. 13. Socially relevant research

2.5 Average percentage of attendance of students and monitoring mechanism.

Sr. No	Department	Class	Avg % Attendance	Monitoring mechanism
1	Biotechnology	S.E.	86.58	Academic Monitoring System- . Daily recording of attendance for both theory and practical 2. Follow up of students with less attendance 3. Counselling and mentoring of defaulters
		T.E.	82.68	
		B.E.	79.41	
2	Chemical	S.E.	86.53	1. Daily recording of attendance for both theory and practical in the Academic Monitoring System. 2. Follow up of students with less attendance 3. Counselling and mentoring of defaulters
		T.E.	82.75	
		B.E.	75.42	
3	Civil	S.E.	60%	An in-house academic monitoring system was developed by central team of SCOE & the same is being implemented from the current academic semester. This system has helped to improve the attendance of the students both in theory & practicals and the average attendance is more than
		T.E.		
		B.E.		
4	Computer	S.E.	73%	1. Academic Calendar 2. Timetable: Class wise, Laboratory-wise, Classroom-wise, Individual, Master 3. Course File- a. Lecture Plan, b. Unit Test Question Paper 4. Attendance Summary (Theory / Practical / STP) 5. Term work Evaluation- a. Continuous Assessment, b. Mock Grades 6. Previous SPPU Result Entry 7. Monthly Syllabus Completion 8. Class wise Result Analysis- a. Online / In-semester Examination b. Final Examination, c. Unit Test
		T.E.		
		B.E.		
5	E&TC	S.E.	75%	Academic monitoring committee comprising of departmental academic coordinators and the coordinators for each class are deputed to keep track.
		T.E.		
		B.E.		
6	IT	S.E.	75%	Academic Monitoring System
		T.E.	75%	
		B.E.	70%	
7	Production	S.E.	78%	Academic Monitoring System
		T.E.	80%	
		B.E.	76%	
8	Mechanical	S.E.	69%	Academic Monitoring System
		T.E.		
		B.E.		

2.6 Course/Programme wise Distribution of pass percentage:

Department	Title of the Programme	Total no. of students appeared	Division				
			Distinction %	I %	Higher II %	II %	Pass %
Biotechnology	SE	54	41	13	03	--	--
	TE	42	23	11	03	01	--
	BE	54	36	11	05	--	--
Chemical	BE	76	31.57	11.84	5.26	1.31	0
	SE	77	36.36	19.48	3.89	0	0
	TE	79	44.30	12.65	2.53	0	0
Civil	SE	224	108	0	13	0	1
	TE	219	35	42	45	00	01
	BE	231	138	54	01	d 00	00
Computer	SE	236	53.38	7.20	3.81	0	94.06
	TE	206	40.29	23	12.13	0	75.72
	BE	209	69.26	18.66	6.22	0.95	0
E & TC	SE	265	38	17	4	1	00
	TE	264	24	23	17	4	00
	BE	266	65	24	3	0.5	00
IT	SE	158	41%	18%	1%	2%	64%
	TE	156	32%	18%	7%	1.92	61%
	BE	148	37%	25%	6%	6%	84%
Production	SE	71	24	38	05	03	-
	TE	66	17	22	08	-	-
	BE	69	21	10	05	03	-
Mechanical	SE	355	151	76	06	122	65.63
	TE	349	134	97	32	86	75.36
	BE	343	218	81	08	36	91.00
	ME	27	Dissertation Evaluation Pending				

2.7 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted							
	Biotech	Chemical	Civil	Computer	E&TC	IT	Prod	Mech
Orientation programmes	11	01	22	NIL	30	06	11	00
Staff training conducted by other institutions	2	00	24 (TTT)	NIL	07	NIL	02	26
Summer / Winter schools, Workshops, etc.	NIL	04	9 (VAP)	NIL	23	64	11	02
Any Other / Industrial Training etc.	NIL	01	NIL	FOP	04	02	NIL	NIL
Faculty perusing Ph.D.	3	04	06	18	16	11	04	05

2.8 Feedback

Sr. No	Department	Stake Holders	Yes / No	Analysis and action taken
1	Biotechnology	Students	YES	Corrective actions are taken based on the students feed back
		Parents	YES	Parents teachers meetings conducted and suggestions incorporated
		Employer	YES	Semester wise Feedback
		Alumni	YES	The department has strong liaison with alumni. They interact with current batch students in the form of employers / project mentors etc. They participated in BE syllabus revision meeting
2	Chemical	Students	Yes	Yes
		Parents	Yes	Yes
		Employer	No	Yes
		Alumni	Yes	Yes
		Guest Lecture	Yes	Yes
		Examiner	Yes	Yes
3	Civil	Students	Yes	Corrective action (if required) in individual's teaching is taken through one to one counselling.
		Parents	Yes	Suggestions are incorporated in departmental working such as parents' feedback system, students and parents counselling etc.
		Employer	Yes	Suggestions from employers are given to central TNP team & are incorporated through additional inputs in the form of value added programs and Students' Training Program.
		Alumni	Yes	The department has strong liasoning with alumni. They interact with current batch students in the form of employers / project mentors etc. The alumni feedback helps to understand need of making students aware contemporary issues in civil engineering.
		Guest Lecture	NIL	NIL

4	Computer	Students	YES	Improvement in teaching methodology
		Parents	YES	Started SMS facility for parents
		Employer	YES	Started courses like STP
		Alumni	YES	Started facebook page of computer department
5	E& TC	Students	YES	Guest lectures on Higher studies, employability skills. Accordingly arranged guest lectures.
		Parents	YES	Extra efforts for weak students, communication skills. Arranged remedial classes for weak students. Activities such as GD&PI are conducted.
		Employer	YES	Feedback was - Student should try implementation small modules. Accordingly Project based learning activity in introduced.
		Alumni	YES	Recommended to add industry relevant courses on recent technologies. Accordingly arranged VAP through STP based on IoT, PLC, Android.
		Any Other: External Examiners Feedback	YES	More projects based on social awareness.
6	IT		YES	Every semester department is taking course feedback and yearly feedback from Alumni .Faculty feedback and course feedback from students. To share the academic progress and growth of ward department has organized Parent –Teacher meet .
7	Mechanical	Students	Yes	Completed
		Parents	Yes	Completed
		Employer	Yes	Completed
		Alumni	Yes	Completed
8	Production	Students	YES	Corrective actions are taken based on the students feed back
		Parents	YES	Parents teachers meetings conducted and suggestions incorporated
		Alumni	YES	The department has strong liasoning with alumni. They interact with current batch students in the form of employers / project mentors, guest lecture etc. They participated in BE project evaluation.
		Employer	Yes	while selecting the project Student must have in depth knowledge about different subject

Criterion III

3. Research, Consultancy and Extension

3.1. Details regarding projects

S N	Department	Completed	Ongoing	Sanctioned	Submitted	
1	Biotechnology	Number	2	4	1	2
		Outlay in Rs. Lakhs	470000/-	20,91250/-	15,00,000/-	90,87,300/-
2	Chemical	Number	-	2	-	-
		Outlay in Rs. Lakhs	-	2.4 Lakh	-	-
3	Civil	-	3	3	0	
		No	Yes	1.7	No	
		No	Yes	1.4	No	
		No	Yes	1.3	No	
4	Computer	-	6	6	-	
		-	-	-	-	-
5	E & TC	0	6	0	0	
		NA	NIL	NA	NA	
6	IT	Number	NIL	4	4	3
		Outlays in Lakh		5,29,000	5,29,000	1,25,00/-
				UG-38,PG-10		
7	Mechanical	NIL	UG-95, PG-35	UG-95	PG -27	NIL
		NIL	Nil	35000.00	10000.00	NIL
8	Production	Nil	Nil	Nil	Nil	Nil
		Nil	Nil	Nil	Nil	Nil

3.2. No of research publications

Sr.No	College	Type of publications	International	National	Others
1	SCOE	Peer Review Journals	67	-	-
		Non-Peer Review Journals	21	-	-
		e-Journals	23	-	-
		Conference proceedings	60	12	-

3.3 Details on Impact factor of publications:

Sr. No	Department	Range	Average	h-index	Nos. in SCOPUS
1	Biotechnology	0.98-5.5	3.24	27	3
2	Chemical	5.36	5.36	1	1
3	Civil	0.68-5.181	3.8	34(25+3+3+3)	2
4	Computer	NIL	NIL	NIL	NIL
5	E & TC	1-6	5.21	17	1
6	IT	-	-	-	04
7	Mechanical	1-3	2	NIL	2
8	Production	NIL	NIL	NIL	NIL

3.4 Research Projects:

(a)

Sr. No	Department	Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
1	Biotechnology	Interdisciplinary Projects	18 Months 2017-2019	DHR – ICMR	22,17,600/-	5,21,250/-
		Industry sponsored	1 year 2017-2018	Solargize Ltd	15,00,000/-	7,50,000/-
		Projects sponsored by the University/ College	2 years 2016-2018	BCUD, Pune	3,50000/-	1,75000/-
		Students research projects (other than compulsory by the University)	NIL	NIL	NIL	NIL
		Any other(Specify)	NIL	NIL	NIL	NIL
		Total			40,67,600/-	14,46,250/-
2	Chemical	Interdisciplinary Projects	NIL	NIL	NIL	NIL
		Industry sponsored	NIL	NIL	NIL	NIL
		Projects sponsored by the University/ College	2016 -2018	BCUD, SPPU	1.40/- Lakh	0.70/- lakh
		Students research projects (other than compulsory by the University)	NIL	NIL	NIL	NIL
		Any other(Specify)	NIL	NIL	NIL	NIL
		Total			1.40/- Lakh	0.70/- lakh
3	Civil	Interdisciplinary Projects	NIL	NIL	NIL	NIL
		Industry sponsored	G A Bhilare Consultants Private Ltd.	Technically sponsored	-	
			Mr. Vikas Patil, MD,Savi Infrastructure	Technically sponsored	-	
			Duraacon Projects LLp (4nos.)	Material and Technically sponsored	-	
			CSK RMC PLANT	Material sponsored	-	

			Tata Motors	Material sponsored	-	
			Ultratech Cement	Material and Laboratory Sponsored	-	
			Pune Municipal Corporation	Technically & Material Sponsored	-	
			Trimble Solutions	Technically sponsored	-	
			HINDALCO Industries Ltd	Material sponsored	-	
		Projects sponsored by the University/ College	2016-2018	BCUD, SPPU	170000	85000
					140000	70000
					130000	65000
		Students research projects(<i>other than compulsory by the University</i>)	NIL	NIL	NIL	NIL
		Any other(Specify)	NIL	NIL	NIL	NIL
		Total			440000	220000
4	Computer	Interdisciplinary Projects	4	-	-	
		Industry sponsored	NIL	NIL	NIL	NIL
		Projects sponsored by the University/ College(6)	2016-2018(2 years)	BCUD	5,66,500	2,83,250
		Students research projects(<i>other than compulsory by the University</i>)	2			
		Any other(Specify)	NIL	NIL	NIL	NIL
		Total			5,66,500	2,83,250
5	E&TC	Interdisciplinary Projects	2016-17	SPPU – BCUD	2,10,000	1,05,000
		Industry sponsored	5,66,500	2,83,250	5,66,500	2,83,250
		Projects sponsored by the University/ College	2016-17	SPPU – BCUD	9,10,000	4,55,000
		Students research projects(<i>other than compulsory by the University</i>)	5,66,500	2,83,250	5,66,500	2,83,250
		Any other(Specify)	2017-18	Xilinx	(in the form of Software)	(in the form of Software)
		Total	-		11,20,000/-	5,60,000/-

6	IT	Interdisciplinary Projects	NIL	NIL	NIL	NIL
		Industry sponsored				
		Projects sponsored by the University/ College	2016-2018(2 years)	BCUD	5,92,000	1,57,898
		Students research projects(<i>other than compulsory by the University</i>)	NIL	NIL	NIL	NIL
		Any other(Specify)	NIL	NIL	NIL	NIL
		Total			5,92,000	1,57,898
7	Mechanical	Interdisciplinary Projects	1 year	Self Finance	--	--
		Industry sponsored	1 year	Industry sponsor	--	--
		Projects sponsored by the University/ College	2 year	BCUD	8,90,000.00	6,60,000.00
		Students research projects(<i>other than compulsory by the University</i>)	0.5 year	Self Finance	--	--
		Any other(Specify)	NIL	NIL	NIL	NIL
		Total	2 year	--	--	--
8	Production	Interdisciplinary Projects	1	Self Finance	--	--
		Industry sponsored	16	Technological support	--	--
		Projects sponsored by the University/ College	NIL	NIL	NIL	NIL
		Students research projects(<i>other than compulsory by the University</i>)	NIL	NIL	NIL	NIL
		Any other(Specify)	NIL	NIL	NIL	NIL
		Total				

3.4 (b) Ongoing and Completed Ph.D. projects during the period.

S. No	Department	Faculty	Title of the project	Status
1	Biotechnology	Dr. P. D. Jolhe	Novel method for bio fuel production	Ongoing
		Mrs. S. S. Kulkarni	Production and optimization of Hydrophobins from Fungi	Ongoing
		Mrs. S.M. Kashid	Improving Productivity of fragrance compounds using fluidized bed reactor	
2	Chemical	NIL	NIL	NIL
3	Civil	Mrs. J. P. Bhusari	Characterization of reactive powder concrete and studies on beam column joints	Submitted
		Mr.M.V. Bhogone	Characterisation of early age concrete	Ongoing
		Mr. P. B. Kodag	Behavior of axially and biaxially loaded Reinforced concrete columns confined with glass fiber composites	Ongoing
		Mrs. M. M. Magdum	Effect of Mineral Admixture and Hybrid Fibers (Steel and Polypropylene) on Behavior of Ultra-Thin Whitetopping	Submitted
		Mrs. D. R. Vaidya	Developing modified hydraulic model for water distribution network using pressure driven approach for pressure deficient conditions	Ongoing
		Mrs. S. P. Kulkarni	Theromechanical Stress Analysis of Smart laminated materials"- Some Studies	Ongoing
4	Computer			
5	E & TC	Mr. R. B. Dhumale	Fault detection & diagnosis of 3 phase VSI using DWT and Fuzzy neural network.	Completed
		Mr. S. C. Badwaik	Development of Hand gesture recognition system with reference to the marathi sign language	On going
		Mr. Sachin B. Takale	Development of QoS based routing algorithm for wireless sensor network.	On going
		Mr. D. G. Ganage	Direction of arrival estimation and optimization techniques for adaptive antenna array	On going
		Ms.Sarika B. Patil	Automatic Analysis of Retina Disease In context of Diabetics and Hypertension	On going
		Ms. Raut Vrushali G.	Modelling and Interpretation of brain activity pattern for enhancing brain computer interface as assistive technology.	On going
		Mr. Mali	Multifractal modelling, segmentation, prediction	On going

		Samadhan D.	and statistical validation of brain tumor in MR images.	
		Mr.Chincholkar Y. D.	Design and performance evaluation of patchwork coding and biometric based audio watermarking for signal processing attack.	On going
		Ms. Bangare Pushpa M.	Effective on-chip reconfigurable computing for general purpose applications.	On going
6	IT	Prof G R Pathak	Secure Framework for Wireless Sensor Network	Pursuing
		Dr A N Bhute	Intelligent Content based video retrieval systems	Completed
		Mr M V Nimbalkar	Real Time water quality monitoring using WSN	Pursuing
		Mrs H M Jadhav	To design and development of algorithms to enhance OFDM-IDMA system performance by improving BER.	Pursuing
		Mrs R S Sonar	Online Payment Security	Pursuing
		Mrs S M Jaybhaye	Adaptive Resource provisioning for work flow based application in Cloud computing	Pursuing
		Mrs B P Vasgi	Algorithm for Data security in cloud	Pursuing
		Mrs U R Godase	Classification Algorithm to enhance performance in classifying static imbalanced data set	Pursuing
		Mrs A A Aagarkar	Lightweight authentication and privacy preservation scheme for smart grid	Pursuing
		Mrs D V Medhane	Computational Intelligence Models for Managing Source Node Position Confidentiality Aspects in Wireless Networks	Pursuing
		Mr V V Puri	Context Aware Computing in Wireless Sensor Network	Pursuing
		Mrs B R Kanawade	Aspect Based Sentiment analysis using Machine Learning	Pursuing
7	Mechanical	Ongoing Ph.D. projects of Students		
		Kulkarni Sham Shridharrao	Investigation for Distributed Defects in Ball Bearing using Vibration Signature Analysis	In Process
		Patil Sateesh Baburao	Dynamic Analysis of Planetary Gear	In Process
		Magar Susheel Madhavrao	Investigations And Heat Transfer Analysis of Helical Cone Coil Heat Exchanger	In Process
		Panchwadkar Amit Arun	Investigation of Dual Helmholtz Resonator with Flexible Bellow as Neck for Acoustic Attenuation Performance	In Process
		Shinde Sachin Nivrutti	Modelling and Experimental Analysis of Surface Integrity parameters in Machining of Inconel 718	In Process

	Chaudhari PradnyaNaresh	Investigation on waste heat recovery system for diesel engine using an Organic Rankine Cycle	In Process
	Gawali Suresh Laxman	Study of Titanium Based Nonmaterial for Modelling and Optimization of Customized Implant	In Process
	Jagdale Gangadhar Ashok	Investigations on Tuned Liquid Column Ball damper for Controlling the Vibrations of Huge Flexible Structures	In Process
	KaduskarKailas Shripad	Investigation of Energy Generation from Engine Vibration and Modelling and Analysis of Vibration Energy Harvester	In Process
	KaranjuleDadabhauBaban	A Study of an Investigation of Cold Drawing Process to Minimize Spring back Effect in Seamless Tubes	In Process
	Katekar Sameer Dattatrya	Vibration Isolation of Elastic Structure By Imposing Nodes at desired Locations Using Tuneable Vibration Absorbers	In Process
	Kinagi Ganesh Vijaykumar	Modelling and Analysis of Hydro pneumatic Suspension System	In Process
	Kulkarni Milind Balbhim	Disposal of Flower Waste : Biogas Generation Option and Co-Digestion Feasibility	In Process
	Kulkarni Mahesh Vasantrya	Performance Evaluation And Optimization of Reactive Muffler	In Process
	Kurkute Vijay Khanderao	Modelling and Pareto Optimization of Burnishing Process for Surface Roughness and Micro Hardness	In Process
	Mate Kavidas Kalidas	Theoretical and Experimental Investigation of Sensor-less Operation of XY Planar Flexural Mechanism for Precision Application	In Process
	Matekar Sanjay Bhaskar	Robust Design Optimization of Mechanisms	In Process
	Munde Yashwant Shrirang	Analysis and Experimental Investigation of Bio composites for Automotive Applications	In Process
	Patole Pramod Ganpat	Retrofitting of AC with the low global warming potential refrigerant R1234yf	In Process
	Phule Nandkishor Laxman	Performance Evaluation of Thermosyphon Heat Pipe Under the influence of Ultrasonic waves	In Process
	ShyamkumarSonol Chandrakant	Experimental Investigation on Reducing Diesel Engine Particulate matter Using centrifugal Fluidization technique	In Process
	SuryatalBaban Krishnarao	Design and Development of Stereo-lithography for Micro-fabrication.	In Process

		More Amol Jagannath	Experimental and numerical analysis of steady and pulsating nozzles jet impingement on Heat sink	In Process
		Burande Dinesh H	Mathematical Modelling & Characterization of weld joint subjected to combined loading.	In Process
		Joshi Dinesh	Fatigue life estimation of aluminium alloy weld joint.	In Process
		Vijaykumar RanulalKagade	Multi Objective Optimization of Process Parameters in Dry Machining of High Carbon High Chromium Steel	In Process
		Agrawal Devendra Prabhudayal	Optimization of process parameter for manufacturing micro mould of SS-304 in Photochemical machining.	In Process
		Ongoing Ph.D. projects of Faculty		
	Mechanical	Ashok P. Tadamalle	Characterization and thermo mechanical modelling of residual stresses in laser welding process	Submitted
		Patole Pramod Ganpat	Retrofitting of AC with the low global warming potential 23 refrigerant R1234yf	In Process
		Pradnya Naresh Chaudhari	Investigation on waste heat recovery system for diesel engine using an Organic Rankine Cycle	In Process
		Dinesh H.Burande	Mathematical Modelling & Characterization of weld joint subjected to combined loading	In Process
		Pravin R. Lokande	Investigation Process of Root Canal Obturation for Optimizing the Treatment Cost	In Process
8	Production	Rajendra .S.Katkar	Investing the right size of outsourcing for the items of the products for bath type of engineering industry	Completed
		Sanjay .S.Patil	Experimental investigation of diamond dresser on surface roughness and grinding ratio in CNC angular grindingmachine	In Process
		A.M.Patki	Thermal,Mechanical and Dielectric properties of polymer matrix micro and nanocomposites for electronics packaging	In Process
		P.Biradar	Feasibility study on utilization of solar PV energy in NK region on the basis of economical aspects	In Process
		D. V. Khankal	Design, modeling and performance evaluation of pitching type wave energy converter	In Process

3.5 Consultancy:

Sr. No	Department	Consultancy	Type of Work done	Revenue Generated
1	Biotechnology	Solargize Ltd	Stem Cell & Ayurveda Research	7,50,000/-
2	Chemical	NIL	NIL	NIL
3	Civil	Environmental Engineering	Testing of water samples	Rs. 12000
4	Computer	Dr. J. R. Prasad AT CSIR	R&D consultant for research projects	NIL
5	E & TC	NIL	NIL	NIL
6	IT	NIL		
7	Mechanical	NIL	NIL	NIL
8	Production	Nil	Nil	Nil

3.6 No. of conferences organized by the Institution

Department	International	National	State	Sponsoring Agencies	University	College
Biotechnology	-	1	-	Department of Biotechnology, Govt. Of India	-	-
Chemical	NIL	NIL	NIL	NIL	NIL	NIL
Civil	--	--	1	BCUD, SPPU sponsored conference (Advances in Concrete) arranged on 19 & 20 Jan 2017, total participants were 31	--	-
Computer	01	-	-	Institute for Engineering Research and Publication(IFERP)	-	-
E&TC	NIL	NIL	NIL	NIL	NIL	NIL
IT	01	-	-	-	-	-
Mechanical	NIL	NIL	NIL	NIL	NIL	NIL
Production	NIL	NIL	NIL	NIL	NIL	NIL

3.7. No of faculty served as experts, chairpersons or resource persons

Sr. No.	Department	No of Faculty Served as Experts, Chairpersons or Resource Persons
1	Biotechnology	03
2	Chemical	NIL
3	Civil	13
4	Computer	02
5	E & TC	27
6	IT	09
7	Mechanical	01
8	Production	01

3.8 No. of collaborations, MoU's :

Sr. No	College	No. of collaborations, MoU's		
		International	National	Any other
1	SCOE	01	11	12

3.9 Total budget for research for current year in Rs. Lakhs:

Sr. No	Department	Total budget for research for current year in Rs. lakhs		
		funding agency	Management of University/College	Total
1	Biotechnology	2715000/-	1,75000/-	2890000/-
2	Chemical	NIL	NIL	NIL
3	Civil	NIL	4.4 Lakh	4.4 Lakh
4	Computer	NIL	NIL	NIL
5	E & TC	60,000/-	5,60,000/-	6,20,000/-
6	IT	-	-	-
7	Mechanical	1.534	4.500	6.034
8	Production	NIL	NIL	NIL

3.10 No. of patents received this year

Type of Patent	Type	
National	Applied	5
	Granted	-
International	Applied	-
	Granted	-
Commercialised	Applied	-
	Granted	-

3.11 No. of awards/ recognitions received by faculty and research fellows of the Institute in the year:

Sr. No	International	National	State	University	Dist	College	Any other	Total
1	3	2	4	0	NIL	NIL	NIL	5

3.12 No. of students Participated in events

Sr. No	Events	International	National	State	University	NCC	Other	NSS
1	NSS events:	1	1	18	56	NIL	NIL	NIL
2	No. of Awards won in NSS:	-	-	-	-	-	-	-
3	No. of Extension activities organized	NIL	NIL	18	8	4	01	27

3.15 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

Sr No	Department	Activity Name	Date	Organization	Place
1	Biotechnology	NIL	NIL	NIL	NIL
2	Chemical	Traffic Management	1/9/17 To 4/9/17	Rotary Club Of Pune Shanivarwada	Nal Stop To Balgandharv Chowk
		Eye Check Up & Seminar	12/9/17	Optical Hub	D1-Building Ground Floor
		Mega Cleanliness Drive	29/9/17	Do Save Foundation	Sinhgad Law College To Ashok Leyland

3	Civil	Traffic Management	1/9/17 To 4/9/17	Rotary Club of Pune Shanivarwada	Nal Stop To Balgandharv Chowk
		Eye Check Up & Seminar	12/9/17	Optical Hub	D1-Building Ground Floor
		Mega Cleanliness Drive	29/9/17	Do Save Foundation	Sinhgad Law College To Ashok Leyland
		Tree Plantation	15/8/17	College	Bibwewadi
		Cleanliness Drive	24/8/17	College	College Area
		Blood Donation	24/8/2017	Chemical Dept.	D1-Building Ground Floor
		Blind School Exam Writing	28/8/17 To 31/8/17	College	Sant Gadge Maharaj Vidyalay Koregaon Park
		Street Play During Ganpati Festival	27/8/17, 29/8/17 & 3/9/17	College	Katraj, Kothrud, Around 15 Societies
		Sur NiragasHo	21/9/17	College	Dental Seminar Hall
4	Computer	NIL	NIL	NIL	NIL
5	E & TC	Traffic Management	1/9/17 To 4/9/17	Rotary Club of Pune Shanivarwada	Nal Stop To Balgandharv Chowk
		Eye Check Up & Seminar	12/9/17	Optical Hub	D1-Build. Ground Floor
		Mega Cleanliness Drive	29/9/17	Do Save Foundation	Sinhgad Law College To Ashok Leyland
6	IT	NIL	NIL	NIL	NIL
7	Mechanical	Traffic Management	1/9/17 To 4/9/17	Rotary Club Of Pune Shanivarwada	Nal Stop Tobalgandharv Chowk
		Tree Plantation	15/8/17	College	Bibwewadi
		Eye Check Up & Seminar	12/9/17	Optical Hub	D1-Build. Ground Floor
		Mega Cleanliness Drive	29/9/17	Do Save Foundation	Sinhgad Law College To Ashok Leyland
		Tree Plantation	15/8/17	College	Bibwewadi
		Cleanliness Drive	24/8/17	College	College Area
		Blood Donation	24/8/2017	Chemical Dept.	D1-Build Ground Floor
		Blind School Exam Writing	28/8/17 To 31/8/17	College	Sant Gadge Maharaj Vidyalay Koregaon Park
		Street Play During Ganpati Festival	27/8/17, 29/8/17 & 3/9/17	College	Katraj, Kothrud, Around 15 Societies
		Sur NiragasHo	21/9/17	College	Dental Seminar Hall
		NSS 7 days winter camp	24/12/2017 to 31/12/2017	College	Gunjane, Tal-Vellah

Criterion IV**4. Infrastructure and Learning Resources**

4.1 Details of increase in infrastructure facilities:

Sr No	Facilities	Existing	Newly created	Source of Fund	Total
1	Biotechnology				
a	No. of important equipments purchased (\geq 1-0 lakh) during the current year.	01	01	SCOE MODROB	02
b	Value of the equipment purchased during the year (Rs. in Lakhs)	3,16,433/-	3,97,330/-	SCOE	01
c	Others - (Software etc.)	NIL	NIL	NIL	NIL
2	Chemical				
a	No. of important equipments purchased (\geq 1-0 lakh) during the current year.	10	NIL	NIL	10
b	Value of the equipment purchased during the year (Rs. in Lakhs)	35	NIL	NIL	35
3	Civil				
a	No. of important equipments purchased (\geq 1-0 lakh) during the current year.	29	1*	MODROB/ Own*	1.9 lacs*
b	Value of the equipment purchased during the year (Rs. in Lakhs)	169.12 lacs	7.57*	Own*/MODROB/AICTE/BCU D	176.69 lacs
c	Others - (Software etc.)	11.4 lacs	NIL	Own	11.4 lacs
4	Computer				
a	No. of important equipments purchased (LCD)(\geq 1-0 lakh) during the current year.	10	LCD (02)	College	12
b	Value of the equipment purchased during the year (Rs. in Lakhs)	NIL	51,320/-	NIL	NIL
c	Others - (Software etc.)	NIL	NIL	NIL	NIL

5	E&TC				
	No. of important equipments purchased (≥ 1 -0 lakh) during the current year.	NIL	NIL	NIL	NIL
	Value of the equipment purchased during the year (Rs. in Lakhs)	NIL	NIL	NIL	NIL
	Others - (Software etc.)	NIL	NIL	NIL	NIL
6	IT				
a	No. of important equipments purchased (≥ 1 -0 lakh) during the current year.	NIL	NIL	NIL	NIL
b	Value of the equipment purchased during the year (Rs. in Lakhs)	413130.00			
c	Others - (Software etc.)	NIL	NIL	NIL	NIL
7	Mechanical				
a	No. of important equipments purchased (≥ 1 -0 lakh) during the current year.	--	Magnetic RPM Sensor with retardation kit Measurement	Sinhgad Technical Education society, Pune	1,53,400.00
		Basic Mechanical Engg.Laboratory Models	Basic Mechanical Engg .Laboratory Models (Duplicate setup)		
		--	Continuous variable transmission system		
b	Value of the equipment purchased during the year (Rs. in Lakhs)				133620.84
c	Others - (Software etc.)	--	NIST Ver 9.1 (Fluid Thermodynamic and transfer properties and database)		18,880.00
8	Production				
a	No. of important equipments purchased (≥ 1 -0 lakh) during the current year.	--	01	SCOE Pune	01
b	Value of the equipment purchased during the year (Rs. in Lakhs)		152220	SCOE,Pune	01
c	Others - (Software etc.)	Nil	Nil	Nil	Nil

4.2 Library services:

S N	Departme nt	Type of Book	Existing		Newly added		Total	
			No.	Value	No	Value	No.	Value
1	Biotechno logy	Text Books	Title: 517 Volume: 2494	2345229.00	-	-	2494	2345229.00
		Reference Books	Title: 190 Volume:198	781742.00	-	-	198	781742.00
		e-Books	890	-	-	-	890	-
		Journals	7	10100.00	-	-	10	10100.00
		e-Journals	ASPP+POP-965	725940.00	-	-	ASPP+POP-965	725940.00
		Digital Database	1.Science Direct- 275, 2.Proquest- Management	569274.00 55000.00	-	-	1.Science Direct- 275, 2.Proquest- Management	569274.00 55000.00
		CD & Video	1345	-	-	-	1345	-
2	Chemical	Text Books	Title : 995 Volume :4031	1028134.00	-	-	4031	1028134.00
		Reference Books	Title : 449 Volume : 458	342711.00	-	-	458	342711.00
		e-Books	1481	-	-	1481	-	
		Journals	9	18965.00	-	-	9	18965.00
		e-Journals	Science Direct - 275	569274.00	-	-	Science Direct - 275	569274.00
		Digital Database	1.ASPP+POP 2.Proquest- Management	725940.00 55000.00	-	-	1.ASPP+POP 2.Proquest- Management	725940.00 55000.00
		CD & Video	1345	-	-	-	1345	-
3	Civil	Text Books	Title : 902 Volume : 4140	2167935.00	-	-	4140	2167935.00
		Reference Books	Title :528 Volume :541	1167350.00	-	-	541	1167350.00
		e-Books	1544	-	-	-	1544	-
		Journals	17	31010.00	-	-	17	31010.00
		e-Journals	Science Direct 275	569274.00	-	-	Science Direct 275	569274.00
		Digital Database	1.ASPP+POP 2.Proquest- Management	725940.00 55000.00	-	-	1.ASPP+POP 2.Proquest- Management	725940.00 55000.00
		CD & Video	1345	-	-	-	1345	-

4	Computer	Text Books	Title : 1094 Volume : 6816	3007657.00	-	-	6816	3007657.00
		Reference Books	Title : 501 Volume :507	1002552.00	-	-	507	1002552.00
		e-Books	2416	-	-	-	2416	-
		Journals	12	22499.00			12	22499.00
		e-Journals	ASPP+POP- 746 Science – direct- 275	725940.00 569274.00	-	-	ASPP+POP- 746 Science – direct- 275	725940.00 569274.00
		Digital Database	1.Science Direct 2.Proquest- Management	569274.00 55000.00			1.Science Direct 2.Proquest- Management	569274.00 55000.00
		CD & Video	1345	-	-	-	1345	-
5	E&TC	Text Books	Title :1291 Volume :6864	3723892.00	-	-	6864	3723892.00
		Reference Books	Title :624 Volume :637	1241357.00	-	-	637	1241357.00
		e-Books	2475				2475	
		Journals	14	26870	-	-	14	26870
		e-Journals	ASPP+POP 965	725940.00	-	-	965	725940.00
		Digital Database	1.Science Direct 2.Proquest- Management	569274.00 55000.00			1.Science Direct 2.Proquest- Management	569274.00 55000.00
		CD & Video	1345	-	-	-	1345	-
6	IT	Text Books	Title :1064 Volume :6071	1335076.00			6071	1335076.00
		Reference Books	Title :389 Volume :398	445025.00			398	445025.00
		e-Books	2134				2134	
		Journals	10	21665.00			10	21665.00
		e-Journals	ASPP+POP- 965 Science – Direct- 275		-	-	ASPP+POP- 965 Science – Direct- 275	
		Digital Database	1.Science Direct 2.Proquest- Management	569274.00 55000.00			1.Science Direct 2.Proquest- Management	569274.00 55000.00
		CD & Video	1345	-	-	-	1345	-

7	Mechanica 1	Text Books	Title : 1836 Volume : 6120	3334563.0 0	-	-	6120	3334563.00
		Reference Books	Title : 705 Volume : 711	1111521.0 0	-	-	711	1111521.00
		e-Books	2254				2254	
		Journals	21	42464.00			21	42464.00
		e-Journals	ASPP+POP- 965 Science Direct- 275	725940.00 569274.00	-	-	ASPP+POP- 965 Science Direct- 275	725940.00 569274.00
		Digital Database	1.Science Direct 2.Proquest- Management	569274.00 55000.00			1.Science Direct 2.Proquest- Management	569274.00 55000.00
		CD & Video	1345				1345	
8	Production	Text Books	Title : 847 Volume : 4069	1591911.0 0			4069	1591911.00
		Reference Books	Title : 384 Volume : 395	530637.00			395	530637.00
		e-Books	1473				1473	
		Journals	10	20025.00			10	20025.00
		e-Journals	ASPP+POP- 965 Science – direct- 275	725940.00 569274.00	-	-	ASPP+POP- 965 Science – direct- 275	725940.00 569274.00
		Digital Database	1.Science Direct 2.Proquest- Management	569274.00 55000.00			1.Science Direct 2.Proquest- Management	569274.00 55000.00
		CD & Video	1345				1345	

4.3 Technology up gradation (overall)

Department		Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Biotechnology	Existing	19	01	Yes	01	-	1	04	-
	Added	09	09	Yes	-	-	-	-	-
	Total	28	10	Yes	-	-	1	04	-
Chemical	Existing	33	29	Yes	-	-	02	02	-
	Added	14	14	Yes	-	-	-	-	-
	Total	47	43	yes	01	-	02	02	-
Civil	Existing	41 (d2d & c2d)	-	-	-	-	-	-	-
	Added	20 (i3)	-	-	-	-	-	-	-
	Total	61	01	YES	01	-	-	Civil	-
Computer	Existing	263(tranferred-77)	11						
	Added	94	--						
	Total	280(186+94)	11						
E&TC	Existing	146	04	YES	NA	NA	NA	-	-
	Added	30	--		NA	NA	NA	-	-
	Total	176	04		NA	NA	NA	-	-
IT	Existing	194	09	YES			02	07	06
	Added	68	04	YES			01	-	-
	Total	262	13	YES			03	07	06
Mechanical	Existing	122	4	122	--	--	--	06	--
	Added	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
	Total	122	4	122	--	--	--	06	--
Production	Existing	37	1	Yes	-	-	1	2	2 LCD
	Added	-	-		-	-	-	-	1 LCD
	Total	37	1	Yes	-	-	1	2	3

4.4 Computer, Internet access, training to teachers and students and any other programme for technology Up gradation (Networking, e-Governance etc.)

Sr. No	Department	Computer, Internet access, training to teachers and students and any other programme for technology Up gradation (Networking, e-Governance etc.)
1	Biotechnology	Amcat, Online Test, Employbity Test, NPTEL, Edx Course, Placement Aptitude Test, Project Work, Seminar Work, Other Examination
2	Chemical	Amcat, Online Test, Employbity Test, Edx Course, Iitb Spoken Tutorials, Placement Aptitude Test, Project Work, Seminar Work, Other Examination
3	Civil	K Point : In order to enhance the technical advancement for the students, the faculty members are recording an Audio Clip under K Point to take maximum advantage of recorded modules. K point training is given to the faculty members by the experts. Faculty Feedback System: To encourage the e-governance, faculty feedback system has been developed through a separate web developers (GEMS, ERP) which is directly connected to the faculty appraisals to have more transparency in the academic system.
4	Computer	NIL
5	E&TC	Internet Access to staff & Students
6	IT	Amcat, Online Test, Employbity Test, Edx Course, Iitb Spoken Tutorials, Placement Aptitude Test, Project Work, Seminar Work, Other Examination
7	Mechanical	<ol style="list-style-type: none"> 1. Lean Six Sigma Training 2. Workshop of Advanced Version of open FOAM CFD software 3. Design and Manufacturing of Go-Kart 4. Embedded System, Automation and Robotics. 5. Optimization driven Product design 6. Six Sigma GreenBelt. 7. Optimization driven Product design on” Solid thinking “INSPIRE” 8. Department has taken the initiative for Digitization and implementation of a paperless office. Training for which was given to all faculty.
8	Production	Amcat, Online Test, Employability Test, Placement Aptitude Test, Project Work, Seminar Work

Criterion – V

5. Student Support and Progression

5.1 Curriculum Enrichment Programmes - (Courses, Industrial Training, Visits, Projects, Guest lectures etc.)

Courses:

Number of Students enrolled for NPTEL: 457

Number of Faculty enrolled for NPTEL courses: 102

Number of Students received certificated: 323

Number of Faculty received certificated: 17

Biotechnology students NPTEL			
Sr. No	Name of student	Class	Course name
1.	Shraddha Bashetti	T.E.	Industrial Biotechnology
2.	Abhishek Deshmukh	T.E.	Industrial Biotechnology
3.	Purva Lad	T.E.	Industrial Biotechnology
4.	Meghana Bhandari	T.E.	Cell culture technologies
5.	ShrushtiTupe	T.E.	Biomedical nanotechnology
6.	Manav tupe	T.E.	Biomedical nanotechnology
7.	Lachi Wankhede	T.E.	Industrial Biotechnology
8.	Pranav Mundada	T.E.	Industrial Biotechnology
9.	NavinPatne	T.E.	Industrial Biotechnology
10.	PrekshaShahagadkar	T.E.	Introduction to Mechanobiology

Civil

Value Addition Program

[27th July to 29th July 2017]

Sr. No.	Course	Coordinators	Members
1	Workshop on “Requirements of Legal Documentation for Civil Engineers.”	Mrs V. S. Limaye	Mr. M. M. Kapote
2	Workshop on “Training on REVIT Architecture.”	Mrs J. P. Bhusari	Mr. M. V. Bhogone
3	Workshop on “ETABS and SAFE.”	Dr (Mrs) P. M. Alandkar	Mr. R. D. Mangalekar Mr. S. K. Patil

**The Department has tie up with BAI (Builder Association of India). The students are selected for internship by BAI .They are sent for internship of 21days. The students are allocated to different working sites by BAI. They get exposure to different aspects of civil engineering such as designing , Site work, Planning ,Execution and estimation. In last semester total 13 students were sent for internship from 30/5/2017 to 30/6/2017.

Mechanical

1. Updates on notice boards and college website to ensure active participation by students in various activities. Announcements during morning assembly.
2. E-filing System to promote paperless organization.
3. Departmental grievance system.
4. Students counselling and support for higher education.
5. Cultural, Sports and indoor games facility
6. Celebration of days with organising like Elocution Competition, Prominent Guests and many more

Industrial Visits

Sr. No	Department	Class	Industry Visited	No. Of Students	Date of Visit
1	Biotechnology	SE	Nisarg Biotech, Satara. (M.S.)	47	28/09/17
2	Chemical	SE TE BE	Sewage treatment plant of Pune Municipal Corporation located at Vitthalwadi.	32 50 60	12/11/2017 11/11/2017 10/11/2017
3	Civil	BE(A,B,C)	Vadgaon Flyover	12	5/7/17
		BE (A,B,C)	Precast casting yard, B. G. Shirke Construction Pvt. Ltd., PimpariWaghare	75	14/7/2017
		BE (A,B,C)	Vitthalwadi STP, Erandwane STP, Baner STP, Bopodi STP	166	26/7/17
		S. E.(A, B, C)	Ellanza, Vadgaon Bk	160	31/08/17 and 04/09/2017
		TE (A,B,C)	Central Water Power Research Station,Pune	240	7,8,12/09/2017
		TE (A,B,C)	Pune Junction Railway Station	232	11/09/17 and 12/09/17
		BE (A,B,C)	Mangal Karyalaya Retaining wall site, Katraj Ambegaon Road, Near Sai Mistique, Pune	166	12/9/17
		B.E.(A,B,C)	Chattrapati Crushers, Near Jambhulwadi Lake		12/09/2017
		BE (A, C)	Precast Casting Yard, Pune-Mumbai Highway Bypass, Chandani Chowk	56	27/9/17

4	Computer	NIL	NIL	NIL	NIL
5	E&TC	BE	Central Water & Power Research Station	70	27 Sept 2017
6	IT	TE	Persistent System Pvt. Ltd.,Pune	30	16 th March 18
7	Mechanical	TE	Tembhu Power station, Karad Nr. Rly station	185	8/09/2017
		TE	Accurate Sales & Services Pvt Ltd	150	18/08/2017
		BE	City Pride, Kothrud	210	05/10/2017
		BE	Cold Storage	1	25/09/2017, 26/09/2017
		SE	Katraj Milk Dairy	310	12, 13, and 14/09/2017
		TE	Balgandharva Rang Mandir, J.M. Road, Pune -411004	219	21/03/2018 22/03/2018
		TE	Pune Zilla Sahakari Dudh Utpadak Sang Limited,Pune Satara Road, Katraj, Pune	119	2/04/2018 and 3/04/2018
		SE	Ashok Leyland, Ambegaon (Bk) Pune	320	11/04/2018
		BE	Uran Gas Turbine Power Plant, Uran, Panvel	96	22/03/2018
		BE	Eklahare Thermal Power Station, Nashik	95	27/03/2018
		BE	Bhimashankar Sahakari Sakhar Karkhana, Pargaon, Awasari, Pune	44	16/04/2018
BE and ME	Kisanveer Sahakari Sakhar Karkhana, Bhuinj(Satara)	50	04/04/2018		
8	Production	SE	“Sheetal Engineers” (Unit- I) S Block, W-260, M.I.D.C., Bhosari, Pune	27	18 th Sept. 2017
		SE	Sheetal Engineers” (Unit- II) Sr. No. 2, Mitrasahakar Nagar, Back toShani Temple, Near Raghav Mangal Karyalaya, Dighi, Pune	27	18 th Sept. 2017
		TE	Accurate Gauges, Hadapsar Industrial estate, Pune	32	21 st Sept.2017
		BE	Aster Engineering Gate no.78, Jyotibanagar,Talwade, Pune	31	22 nd Sept. 2017
		BE	Design Tech Systems Ltd, Auto Cluster, Chinchwad, Pune	31	22 nd Sept.2017
		SE	Katraj Milk Dairy Pune	32	22 th Sept. 2017
		S.E.	Energy Sysech Plot 99, PCNTDA,Sector- 7 Rd, Sector 10, Bhosari, Pimpri- Chinchwad, Pune	30	10 th April 2018
		S.E.	Metal Impregnations (India) Private Limited, J- 250, MIDC, Industrial Estate Bhosari, Bhosari, Pune,	30	10 th April 2018
		S.E.	Sahayog Founders and Engineers,W- 50, T- Block, Opp. Pavana Industries,MIDC, Bhosari, Pimpri- Chinchwad, Pune	30	10 th April 2018

Guest Lectures

Biotechnology				
S.No	Name of the Expert Speaker and Organisation	Topic of the Lecture	Date	Duration
1	Dr. Girish Tillu, Interdisciplinary School of Health Sciences, SPPU	Clinical Trails	3/10/17	2 Hrs
2	Global Bizware Solutions	Process Planning and Development	28/9/17	2Hrs
3	Dr. Shalini Singh, Venture Centre, Pune	BIRAC	14/7/17	2Hrs
Chemical				
Civil				
1	Mr. Satish Khade	Introduction to civil engg, scope of civil engg, water management, how to become a good human being and a goog civil engg	1/8/17	2 Hrs
2	Mr. Quaid Johar - Software Academy for Civil Engineer (Trainer)	Civil Engineering Softwares and its Applications	11/8/17	2Hrs
3	Prof.Dr.Parchure V. M. - Consultant & RetdProf. COEP	Scope of Research Advances in field of Civil Engg.	01/09/17	2Hrs
4	Mr. Vishal Nalwar	Applications of Bending moments and Stress in Structural engineering	1/9/17	2Hrs
Computer				
1	Mr. Prashant Sahu.	Machine Learning Techniques	12/09/17 13/09/17	2.30Hrs 2.30Hrs
2	Mr. Tushar Kute, MITU Skilologies	HBase and Hive	28/09/2017	2.30Hrs
E&TC				
1	Mr. Pratik Bhat	Seminar on Project based learning for S.E Students	20/7/2017	2.30Hrs
2	Mr. Nilesh Narvekar	Seminar on Industrial Automation	30/8/2017	2.30Hrs
3	Mr. Sanjay Choudhari	Seminar On Component Testing	29/8/2017	2.30Hrs
4	Mr. M. Selva Balan	Seminar on Finalisation of M.E Project in Signal Processing	21/8/2017	2.30Hrs
5	Mr. Manoj Gosavi	Guest lecture on GRE/GMAT Awareness	7/25/2017	2.30Hrs
6	Mr. Sagar Sethi	Seminar on Industry Interface Training and Placement	8/29/2017	2.30Hrs
7	Mr. Shreyas Ramkrishnan	Seminar on Digital India	15/9/2017	2.30Hrs
8	Mr. Nagaraj Hamilpure	Seminar on career guidance and motivation	20/9/2017	2.30Hrs

IT				
1	Mr. Yogesh Ranga The Chopra's	Overseas Education	3/7/2017	2hrs
2	Mr. Yogesh Ranga The Chopra's	Overseas Education	3/7/2017	2hrs
3	Mr. Ranjeet Shekdar IMS Pro School	Insights into Business analytics	17/7/2017	2hrs
4	Mr. Amol Aher Kasnet Technology Lvt. Ltd.	Journey from academics to Industry	19/7/2017	2hrs
5	Mr. Vivek Hirpathak Consultant	Career guidance	28/8/2017	2hrs
6	Mr. Vivek Hirpathak Consultant	Career guidance	28/8/2017	2hrs
7	Mr. T. Rammohan Career Launcher	Awareness seminar for higher studies	31/8/2017	2hrs
8	Mr. D. M. Diwan GigIndia	Career based opportunities and entrepreneurship	8/9/2017	2hrs
9	Mr. Udit Agarwal Harman International Pvt. Ltd	Personality effectiveness program	19/9/2017	2hrs
10	Mr. Udit Agarwal Harman International Pvt. Ltd	Choosing a career path	19/9/2017	2hrs
Mechanical				
	Thakur Accurate	Recent advancements in Metrology & Quality control	19/09/2017	2hrs
	Mr. Amit Rohamare	Opportunities for Mechanical Engineers Abroad	14/07/2017	2hrs
	Shakil Sande, IRS, Govt. of India	Civil Services: Opportunities & Preparation	24/07/2017	2hrs
	Dr. Parag Bhargava, IIT Bombay, Metallurgy Dept.	Impact of Innovation in Manufacturing with Research Case Studies	29/09/2017	2hrs
	Mangesh, Mruti Driving School Pune	Safety	29/08/2017	2hrs
	Mr Sonu Chaoudhari, Elite Techno Group	Design and manufacturing of Go Kart	18/09/2017	2hrs
	Mr. Pramod Daspute, Faculty of PCRA	Energy Conservation (PCRA) GoI	19/09/2017	2hrs
	Mr. Ankit Gupta, and Mr. Rohan Jadhav Innovita Technologies Pvt. Ltd.	Entrepreneurship in Robotics	14/09/2017	2hrs
	Motivational talk on Entrepreneurship Development	Entrepreneurship	11/07/2017	2hrs
	5s: A common step in Lean Developments to drive change	Entrepreneurship	25/07/2017	2hrs
	Mr Amol Tambe, Superintendent of police, Pune	Motivational Talk and Guidance on Competitive Examinations	26/09/2017	2hrs
	Lean Six Sigma Green Belt Certification	Entrepreneurship	03/10/17 to 6/10/17	2hrs

Production				
1	Mrs. Sonam Borhade & Arvind Indulkar. Deputy Manager E-Learning SCM, Division TATA Auto Comp System Ltd. Pune	Advanced learning in era of production through E-Learning	03/07//2017	1Hr
2	Mr. Subhash Pol, Business Development Manager Edwise: Overseas Education Consultants Pune	Overseas Education Opportunities with Scholarship`	05-07-2017	1Hr
3	Mr. Ujjal Nagar Director, Endeavor Careers Pvt. Ltd. Pune	Career Options	05-07-2017	1Hr
4	Mr. Prasad Thakare Manager Source, NMSG Private Limited, Pune	Role of Production Engineer in Foundry	07-07-2017	1Hr
5	Mr. Vineet Naik, Director, Global Bizware Solutions Pune	Process Planning and Product Realization	27-07-2017	1Hr
6	Mr. Rajesh Chavan, Director, Jivansanjivani Human Research and Development, Wai, Satara.	Inner Qualities Improvement	21-09-2017	1Hr
7	Mr. Makarand Pathak Senior Regional Technical Services Engineer, Hankel Adhesives Technologies India Pvt. Ltd, Pune.	Recent Trends in Automobile Ergonomics	28-09-2017	1Hr
8	Mr. P. B. Hegde Welding Consultant, FabTech Engineers Pvt. Ltd, Pune	Nondestructive Testing of Welds	28-09-2017	1Hr
9	Mr. Prashant Karadage Deputy General Manager, New Product Development, Cummins India Ltd, Pune,	Industry, Emission and Role of Engineer	03-10-2017	1Hr
10	Mr. A. Kritkar Assist Manager, SI UK	Opportunities to study abroad in UK	30.1/2018	1Hr
11	Manisi Kulkarni, Director Sahayog founders and Engineers, W-50 T Block Bhosari, Pune	My carrier in Foundrymen	10/04/2018	1Hr
12	Sachin Kanade, General Manager, Metal Impregnation (I) Pvt, Ltd, J-250 MIDC Bhosari, Pune	Impregnation process for casting	10/04/2018	1Hr

5.2 Efforts made by the Institution for tracking the progression - (Vertical movement of students / student Counselling and career guidance)

Sr.No.	Biotechnology
1	<ul style="list-style-type: none"> • For Improvement in Results • Remedial Classes are being taken for current semester for academically weak students and direct second year admitted students. • To Improve Employability • Coaching and Guidance for Higher studies / Competitive Exam. etc. • Entrepreneur Cell • Others
2	<p style="text-align: center;">Chemical</p> <ul style="list-style-type: none"> • For Improvement in Results • To Improve Employability • Coaching and Guidance for Higher studies / Competitive Exam. etc. • Entrepreneur Cell • Others
3	<p style="text-align: center;">Civil</p> <ul style="list-style-type: none"> • For Improvement in Results: Extra lectures / • To Improve Employability TNP activities, Internship, STPs, • Coaching and Guidance for Higher studies / Competitive Exam. etc. Counselling by experts in the form of guest lectures • Entrepreneur Cell • Others
4	<p style="text-align: center;">Computer</p> <ul style="list-style-type: none"> • For Improvement in Results • Mock Practical exam • Remedial lectures • solving question papers • To Improve Employability • STP • VAP • Coaching and Guidance for Higher studies / Competitive Exam. Etc • Orientation lecture for students • Entrepreneur Cell • Others
5	<p style="text-align: center;">E&TC</p> <ul style="list-style-type: none"> • For Improvement in Results • To Improve Employability • Coaching and Guidance for Higher studies / Competitive Exam. etc. • Entrepreneur Cell • Others

6	IT
	<ul style="list-style-type: none"> • For Improvement in Results • Mock Practical exam • Remedial lectures • solving question papers • To Improve Employability • STP • VAP • Coaching and Guidance for Higher studies / Competitive Exam. Etc • Orientation lecture for students • Entrepreneur Cell
7	Mechanical
	<ul style="list-style-type: none"> • For Improvement in Results • Make up lectures and remedial Lectures • Special assignment on Slow learner • Project Based Learning • To Improve Employability • Conducting group discussion and PI • Conducting Value Added Programme [VAP] for Final Year students • Organised “Elocution Competition” on the occasion of Teachers Day and Engineers Day. • Coaching and Guidance for Higher studies / Competitive Exam. etc. • Conducting Forum for Competitive Exams • Career Guidance Guest lecture by Superintendent of Police and Prestigious Alumni Amol Tambe • Guest lecture on Guidance for Higher studies • Entrepreneur Cell • Conducted lean Six Sigma Green Belt Course Invited Mr Ankit Gupta to give talk On “Opportunities in Robotics and Automation” and also gave guidelines to start Entrepreneurship. • Workshops Organised for Students • Seven Day Workshop on “Design and Manufacturing of Go-Kart” 27th Sept 2017- 3rd Oct 2017. • Three week training on “Embedded System, Automation and Robotics” 10th- 28th July 2017. • Training Program on “Hypermesh” 15th Aug 2017 - 10th Oct 2017 (weekly 4 hrs) • Three day hands on training on “openFoam” CFD. 18- 20th , Sept. 2017 • Training Program on “Ansys” 25th Aug 2017 - 10th Oct 2017 (weekly 4 hrs) • IIM Lecture Series by prominent speaker by Prof. Parag Bhargav • Optimization driven Product design on” Solid thinking “INSPIRE” 20-21 Sept 2017. • Six Sigma black belt 3rd – 7th Oct 2017
8	Production
	<ul style="list-style-type: none"> • Remedial Classes are being taken for current semester for academically weak students and direct second year admitted students. • STP • Coaching and Guidance for Higher studies / Competitive Exam. etc.

5.3 No. of students qualified in these examinations

S. No	College	NET	SET/SLET	GATE	CAT	IAS/IPS	State/PSC	UPSC	GRE	MPSC	Other
1	SCOE	0	0	48	5	0	01	2	61	14	21

5.4 Details of campus placement

Sr. No	Department	On Campus			Off Campus
		Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
1	Biotechnology	10	19	4	2
2	Chemical	02	29	1	0
3	Civil	42	42	02	1
4	Computer	15	152	52	1
5	E&TC	05	101	24	-
6	IT	12	90	38	
7	Mechanical	03	110	10	-
8	Production	07	35	03	-

5.5 Students Activities

No. of students participated in Sports, Games, Cultural, and other events and awards won

S. No	Students Activities	State / University level	National level	International level
1	No. of students participated in Sports, Games and other events and awards won	28	10	NIL
2	No. of students participated in cultural events	35	1	1

5.6 No. of social initiatives undertaken by the students

S. No	College	No. of social initiatives undertaken by the students
1	SCOE	20

5.7 Activities and support from the Alumni Association

S. No	Department	Activities and support from the Alumni Association
1	Biotechnology	<p>Guest lectures by various Alumni from the department were conducted as per following details:</p> <p>a) Alumni speakers- Ms. HiralVegad and Mr. Aashish Apotikar, Subject: Career Planning, Date: 13th July 2017</p> <p>b)Alumni speakers- Mr. Vedant Deshpande, Subject:Carrer planning, Date:24th August 2017</p> <p>2. F.E. Induction Programme.</p> <p>F.E. Induction Programme was held on 1/08/17 under Alumni Association,</p> <p>a) Guest Speakers - 1. Dr. Kavita Bandivadekar, M K BioFa Technologies Pvt. Ltd. 2. Dr. Yasmin Mirza, Praj Matrix Pune.</p> <p>B0 Alumni Interaction - 1. Kavita Trimal 2. Sudiksha Acharya 3. Shankar Bhandankar 4. Priyanka Chinchkar</p> <p>F.E. Induction Programme</p>
2	Chemical	<p>The Department has an active participation of alumni. The support received by alumni in the said period</p> <ol style="list-style-type: none"> 1. Helping in acquiring Final Year projects in industry 2. Arranging guest lecturePlacement
3	Civil	<p>Department of Civil Engineering, Sinhgad College of Engineering had organized a FE induction programme on 1st August 2017 at Civil Seminar Hall at 03:00 pm. The main purpose was to introduce newly entered students to the various laboratories in Civil Department and also make them aware of various allied fields under Civil Engineering.For this programme we invited our alumni as a guest and speaker so that it will be a nice interaction between past and present students of the institute. Name of alumni was Mr. Anish Agarwal. He is owner of Balaji Homes and Developers.</p>
4	Computer	<p>The department of Computer Engineering has a strong alumni association in order to maintain a network of passed out students who continuously connect, engage and involve in various technical activities, events at the department. The alumni students Mr. Rohan Shah (NVIDIA, pune), Mr. Neeraj Chavan and Mr. Sanket Jain who got placed in various companies shared their experiences during their academic journey.</p>
5	E&TC	<ol style="list-style-type: none"> 1. Guest Lecture conducted for BE students on Career Guidance by Mr. Ashish Mittal- 2002 passout Alumni. 2. Guidance for FE students at FE induction program by Mr. Swanand Dhekane-2000 passout Alumni. 3. Guest Lecture conducted for BE students on “Interview Preparation” by Mr. Swanand Dhekane-2000 passout Alumni.

6	IT	<p>FE induction Address by Alumni</p> <ul style="list-style-type: none"> • Mr. Mohit Dhaigude, Founder and Designated Partner at GlueTech Softwares • Mr. Dhiraj Rathod, Entrepreneur at Netcover Online Technologies
7	Mechanical	<ol style="list-style-type: none"> 1. Alumni Meet 2. Guest lecture 3. Industrial Visit 4. Internship Training Programme 5. Career Guidance and counselling regarding Higher studies 6. Alumni database has been initiated to capture the relevant information. 7. Active participation and contribution by alumni. 8. Interaction with alumni through annual alumni meetings. 9. Involvement of alumni in the Governing Body of the college 10. Special lectures, seminars and workshops by alumni are arranged on regular basis through Societies and Clubs. 11. Memorial lectures, awards, prizes and medals instituted by alumni
8	Production	1.Alumni Meet 2.Guest lecture 3.Industrial Visit 4.FE Induction program 5.Prodzin5- 2017 Paper presentation competition- Judge

5.8 Activities and support from the Parent – Teacher Association

S.No	Department	Activities and support from the Parent – Teacher Association
1	Biotechnology	Parents Teachers meeting was conducted by Department of Biotechnology, SCOE on 15 th June 2017 in classroom D1-20 at 9.00 am. 14 parents of S.E., T.E., and B.E. students and teachers attended the meet.
2	Chemical	Parents-teachers meet was conducted on 01.08.2017. The areas in which parents agreed to support were: <ul style="list-style-type: none"> • Industrial Projects • Industrial visits
3	Civil	Activities: Department of Civil Engineering, Sinhgad College of Engineering had organized a Parent-Teachermeeting on 29th June, 2017 in Civil Seminar Hall at 03:00 PM. The main purpose of meet was todiscuss daily routine academic activities, way of execution of teaching-learning process in thedepartment, student centric activities, placement drive etc. and to converse variety of issuesregarding overall development of students with the parents. The meeting was organized under the directives of Principal Dr. S. D. Lokhande and Head of CivilDepartmentDr. S. S. Shastri. Around 17 parents of SE, TE and BE students and teachers attended the meet.
4	Computer	The S. E. Parents' Meet for the academic year 2017-2018 was held in Seminar Hall, 2nd Floor of C2 Building, on the 7th July 2017 from 11:00 a.m. to 12.30 p.m. The purpose of the meeting was to enhance the quality of communication between parents and teachers which will allow making plans, set goals, solve problems, and establish the relationship between parents and teachers. A parent teacher meeting focussed on the teacher's communication with parents about the areas their children are excelling in and to give them specific ideas on how to improve their ward's performance.

5	E&TC	<ol style="list-style-type: none"> 1. Parent meeting is arranged for every semester. 2. Interacting sessions regarding placement activities and present scenario of placements are arranged for parents that are conducted by Training and Placement Dean, STES. 3. Teacher Guardian scheme is implemented to discuss academic issues with parents. 4. HOD, E & TC addresses parents regarding various activities conducted Throughout semester and guidance for pursuing higher education. 5. Class Teacher monitors academic performance of students and takes Remedial actions.
6	IT	<p>Date of Parent Meeting : 16th June 2017</p> <p>Around 53 Parents of SE, TE & BE attended meet.</p> <ol style="list-style-type: none"> 1. Welcome and Introduction of teachers and parents 2. Address to Parents: Brief discussion on academic and departmental student-centric activities by Prof. G. R. Pathak 3. Discussion on Daily Academic Monitoring System by Prof. U. R. Godase 4. Information regarding Training and Placements activities by Prof. N. H. Deshpande 5. Student Development Quality Circle Committee Activities by Dr. K. S. Thakare 6. Queries, Doubts from Parents
7	Mechanical	<ol style="list-style-type: none"> 1. Parents Meet organised and received feedback from parents and taken corrective actions 2. Some improvements and good things suggested to parents with respect His/her ward.
8	Production	Parents Teachers meeting was conducted by Department of Production, SCOE on 7th July 2017 in seminar hall at 10.00 am. 14 parents of S.E., T.E., and B.E. students and teachers attended the meet.

5.9 Development programmes for support staff

S.No	Development programmes for support staff
1	In past, the support staff has been deputed for training in the areas of soft skills as well as technical training in their domain.
2	<p><u>In-house training by HoD and Laboratory In-charge</u></p> <ol style="list-style-type: none"> 1. Laboratory training 2. Laboratory Discipline and management 3. To maintain lab manual, dead stock register and logbook.

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision :

उत्तमपुरुषान् उत्तमाभियंतृन् निर्मातुं कटिबद्धाः वयम् ।

We are committed to produce not only good engineers but good human beings, also.

Mission : Holistic development of students and teachers is what we believe in and work for. We strive to achieve this by imbibing a unique value system, transparent work culture, excellent academic and physical environment conducive to learning, creativity and technology transfer. Our mandate is to generate, preserve and share knowledge for developing a vibrant society.

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

S.No	No. of initiatives undertaken in the College for better functioning
1	Establishment of academic monitoring committee
2	Online self-appraisal system
3	Data sharing on google drive for easiest editing the documents
4	Way2sms service for sending message to students/parents
5	Industry-Institute Interaction cell
6	To prepare online lecture capsules through k-point
7	Teachers guardian Scheme
8	Students training Programme (STP every semester)
9	VAP for Students
10	Interdisciplinary Projects

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the

Beginning of the year

Sr. No.	Item	Resolution	Action Taken
1	NAAC	To submit NAAC SAR	NAAC SAR submitted and received NAAC A grade with score 3.25
2	Academic Monitoring	Establishment of academic monitoring committee (AMC)	Established AMC
3	Appraisal	To carry out online appraisal	Online appraisal for teaching staff was carried out

8. Plan of Institution for the Next year (PI guide)

1. To increase faculty efforts to procure research funding from various funding agencies.
2. To conduct Pedagogy workshop for faculty
3. To form Patent Cell and support patenting
4. To conduct orientation program for newly joined faculty
5. To organize National / International conferences in Multidisciplinary areas

Annexure I

Academic Calendar:

07/06/2017

**SINHGAD TECHNICAL EDUCATION SOCIETY'S
SINHGAD COLLEGE OF ENGINEERING, VADGAON (BK), PUNE-41
ACADEMIC CALENDER SE 2017-18 SEMESTER – I**

Sr. No.	Particulars	Date & Day
1.	Commencement of Teaching	15 June 2017 (Thu)
2.	Mid Term Submission	31 July to 4 Aug 2017 (Mon to Fri)
3.	Unit Test (30 Marks / 1hour / Units I, II & III)	21, 22 & 23 Aug 2017 (Mon, Tue & Wed)
	Declaration of Result of Unit Test	24 Aug 2017 (Thu)
4.	Conclusion of Teaching	3 Oct 2017 (Tue)
5.	Prelim Exam (30 Marks / 1 hour/ Units IV, V & VI)	4 Oct to 6 Oct 2017 (Wed to Fri)
	Declaration of Result of Prelim Exam	9 Oct 2017 (Mon)
6.	On line Exam of Savitribai Phule Pune University (50 Marks/ 1Hour/ Units I to IV)	12 Dec 2017 (Tue) onwards (Tentative)
7.	Mock Practical & Final Submission	9 Oct to 11 Oct 2017 (Mon to Wed)
8.	Issue of Term Grant Certificate to All Clear Students in Prelim Exam & Mock Practicals	11 Oct 2017 (Wed)
9.	University Examinations: a. Practical/Oral b. Theory c. Online examination	24 Oct to 09 Nov 2017 (Tue to Thu) 14 Nov to 11 Dec 2017 (Tue to Mon) 12 Dec 2017 (Tue) (Tentative)
10.	Start of Second Term	18 Dec 2017 (Mon)

Holidays as per Circular from Savitribai Phule Pune University, Pune.

11/12/2017

SINHGAD TECHNICAL EDUCATION SOCIETY'S
SINHGAD COLLEGE OF ENGINEERING, VADGAON (BK), PUNE-41
ACADEMIC CALENDER SE 2017-18, SEMESTER –II

Sr. No.	Particulars	Date & Day
1.	Commencement of Teaching	18 December 2017 (Mon)
2.	Mock Online Test-I (Unit 1 & 2)	23 to 26 January 2018 (Tue to Fri)
3.	Online Phase-I/ SPPU	29 January to 02 February 2018 (Mon to Fri)
4.	Neon- 2018	15 to 22 February 2018 (Thu to Thu)
5.	Techtonic- 2018	15 to 22 February 2018 (Thu to Thu)
6.	Mid Term Submission	05 Feb to 09 February 2018 (Mon to Fri)
7.	Mock Online Test-II (Unit 3 & 4)	28 Feb to 02 March 2018 (Wed to Fri)
8.	Online Phase-II/ SPPU	05 to 10 March 2018 (Mon to Sat)
9.	Conclusion of Teaching	23 March 2018 (Fri)
10.	Prelim Exam (30 Marks /1 hour/ 5 and 6 Units)	26 to 30 March 2018 (Mon to Fri)
11.	Declaration of Result of Prelim Exam	02 April 2018 (Mon)
12.	Mock Practical& Final Submission	02 April to 06 April 2017 (Mon to Fri)
13.	Issue of Term Grant Certificate to All Clear Students in Prelim Exam & Mock Practical	06 April 2018 (Fri), 04.00 pm
14.	University Examinations: a. Practical/Oral b. Theory	9 to 23 April 2018 (Mon to Mon) 02 to 29 May 2018 (Wed to Tue)
15.	Start of next academic year	15 June 2018 (Tentative)

Holidays as per Circular from Savitribai Phule, Pune University, Pune.