Modern Education Society's College of Engineering

19, Late Principal V. K. Joag Path,

Wadia College Campus, Pune-411001

Internal Quality Assurance Cell

Annual Quality Assurance Report 2017-18

Submitted
to

National Assessment and Accreditation Council, Bangalore, India

Contents

Part – A

AQAR for the year

2017-18

1. Details of the Institution

1.1 Name of the Institution

Modern Education Society's College of Engineering, Pune

1.2 Address Line 1

19, Late Prin. V. K. Joag Path,

Address Line 2

Wadia College Campus

City/Town

Pune

State

Maharashtra

Pin Code

411001

Institution e-mail address

principal@mescoepune.org

Contact Nos.

020-26163831

Name of the Head of the Institution:

Dr. A. A. Keste

Tel. No. with STD Code:

020-26163831

Mobile:

9423011128

Name of the IQAC Co-ordinator:

Dr. V. N. Raibhole

Mobile:

8007937370

IQAC e-mail address:

vnraibhole@mescoepune.org

1.3 *NAAC Track ID*

MHCOGN 22651

1.4 **NAAC Executive Committee No. & Date:**

EC(SC)/09/A&A/64.1 dated 14-09-15

1.5 Website address:

www.mescoepune.org

Web-link of the AQAR:

http://www.mescoepune.org/ARAR17-18.docx

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	A	3.13	2015-16	2015-2020
2	2nd Cycle				
3	3rd Cycle				
4	4th Cycle				

1.7 Date of Establishment of IQAC :   DD/MM/YYYY   13-12-2014

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC

- AQAR - 2015-16 -- (24/08/2016)
- AQAR - 2016-17 -- (10/09/2017)

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 ☐   PE I(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 (*Specify*) ☐

        UGC-COP Programmes ☐

2. IQAC Composition and Activities

2.1 No. of Teachers

| 12 |

2.2 No. of Administrative/Technical staff

| 2 |

2.3 No. of students

| 1 |

2.4 No. of Management representatives

| 1 |

2.5 No. of Alumni

| Nil |

2.6 No. of any other stakeholder and
    community representatives

| 1 |

2.7 No. of Employers/ Industrialists

| 1 |

2.8 No. of other External Experts

| Nil |

2.9 Total No. of members

| 18 |

2.10 No. of IQAC meetings held   4

2.11 No. of meetings with various stakeholders: No. | 4 | Faculty | 4 |

Non-Teaching Staff Students | 4 | 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. | 03 | International | -- | National | 03 | State | -- |

      Institution Level | -- |

    (ii) Themes | Recent Trends in Engineering and Technology |

2.14 Significant Activities and contributions made by IQAC

> 1. Insist to follow Outcome Based Education and initiated to apply for National Board of Accreditation, New Delhi.
>
> 2. Interaction with Heads and faculties of each and every department for maintaining and sustaining quality education as directed by IQAC.
>
> 2. Financial approval for major activities conducted in college.
>
> 3. Preparation of policies for Industry-Institute Interaction and promoting for MoU's with Industries for student and Faculty Trainings.

2.15 Plan of Action by IQAC/Outcome

    The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year

Plan of Action	Achievements
1. Apply for accreditation by National Board of Accreditation, New Delhi for UG programs.	1. Two UG programs qualified to upload Self assessment Report and NBA expert team visited for the evaluation. The Program evaluated during NBA Visit are 1. UG- Mechanical Engineering 2. UG-E&TC Engineering.
2. Promote Industry-Institute interaction through MoU's with Industries for student and faculty trainings.	2. Various student trainings and add on courses are conducted through MoU's with variety of Industries.
3. Reducing the use of paper.	3. All notices are circulated through mail.
4. Promote Research and development activity through organizing National Conferences	4. Three National Conferences were organized in the academic year 2017-18.

2.16 Whether the AQAR was placed in statutory body Yes ☑ No ☐

Management ☑ Syndicate ☐ Any other body ☐

Provide the details of the action taken

> The IQAC status was discussed in governing body meeting and Standing Committee in presence of Local life members and Local managing committee members.

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

Part – B

Criterion – I
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	---	---	---	---
PG	3	---	3	---
UG	3	---	3	---
PG Diploma	---	---	---	---
Advanced Diploma	---	---	---	---
Diploma	---	---	---	---
Certificate	---	---	---	---
Others	---	---	---	---
Total	6	---	6	---

Interdisciplinary	---	---	---	---
Innovative	---	---	---	---

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

Computer Engineering

Elective Subject Opted by BE (Computer) students:
1. Elective-I: Data mining Techniques and Applications.
2. Elective-II: Pervasive Computing.
3. Elective-III: 1.Cyber Security 2. Mobile Computing
4. Elective-IV (Open Elective): Business Analytic and Intelligence.

Elective Subject Opted by ME (Computer) students:
1. Elective-I: Advanced Computer Programming.
2. Elective-II: Business Intelligence and Data Mining.
3. Elective-III: Cloud Computing

E&TC Engineering

Elective Subject Opted by BE (E&TC) students:
    1. Elective-I: 1.Digital Image Processing
                       2. Embedded system &RTOS
                       3. Software Defined Radio
    2. Elective-II: 1. PLC & Automation
                       2. Artificial Intelligence
    3. Elective-III: 1. Speech and Audio processing
                       2. Soft Computing
    4. Elective-IV: 1. Wireless Communication
                       2. Nano Electronics &MEMS

Elective Subject Opted by ME (E&TC) students:
    1. Elective-I: 1.Artificial Intelligence
                       2. LATEX
    2. Elective-II: 1.Satellite Communication and Signal Processing
                       2. Software Tools
    3. Elective-III: 1.Foreign Language (French)
                       2.Fuzzy Mathematics

Mechanical Engineering

Elective Subject Opted by BE (Mechanical) students:
- ✓ Elective-I: Energy Audit Management, Reliability Engineering.
- ✓ Elective-II: Operation Research.
- ✓ Elective-III: Industrial Engineering.
- ✓ Elective-IV: Finite Element Analysis

Elective Subject Opted by ME (Mechanical-Design) students:
- ✓ Elective-I: Energy Audit and Management, Financial Management, Intellectual property Rights.
- ✓ Elective-II: Design of Material Handling Equipment – I, Design of Material Handling Equipment – II, Process Equipment Design.
- ✓ Elective-III: Industrial Tribology – I, Industrial Tribology – II, Product Life Cycle Management

(ii) Pattern of programmes:

Pattern	Number of Programmes
Semester	8
Trimester	-
Annual	-

1.3 Feedback from stakeholders* : Alumni [✓] Parents [✓] Employers [✓] Students [✓]
    (On all aspects)

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

*Please provide an analysis of the feedback in the Annexure

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

Computer Engineering

T. E. Computer Engineering Syllabus has been revised in AY 2017-18.
The objective of the syllabus is to prepare globally competent graduates having strong fundamentals, domain knowledge, updated with modern technology to provide the effective solutions for engineering problems. The few theory subjects are based on the per-requisites covered in second year Engineering and some are newly introduced to students. The syllabus is spanned over two semesters in one academic year. In semester-I, there are 5 theory subjects, 3 labs and 1 Audit Course. In semester-II, there are 5 theory subjects, 4 labs and 1 Audit Course.

In semester-I the labs are designed to understand various fundamental concepts through their practical implementation. Here intermediate and advanced Database programming skills and Computer networking skills of students are developed. The skill development lab helps the students to adapt the usage of modern tools and recent softwares. Here Student can evaluate problems and analyze data using current technologies. In Semester-II, The Web technology lab help to understand the principles and methodologies of web based applications development process. Embedded Systems and IoT Lab enables students learn real world application scenarios of IoT and Embedded Systems along with its societal and economic impact. The System Programming & Operating System Lab is introduced to understand the Operating System internals and functionalities with implementation point of view

Along with the above studies, one audit course in each semester is offered to students for sustainable development. Students can opt one course per semester from the various available audit courses like Cyber Security, Emotional Intelligence, Professional Ethics and Etiquettes, MOOC-Learn New Skills, Foreign Language (Japanese- Module 3), Digital and Social Media Marketing, Green Computing, Sustainable Energy Systems, Leadership and Personality Development, Foreign Language (Japanese- Module 4). Such a selection of the audit courses helps the learner to explore the subject of interest in greater detail resulting in achieving the very objective of audit course's inclusion.

M. E. Computer Engineering, first Year Syllabus has been revised in Academic Year 2017-18.
The basic motives of designing the contents of various courses is to focus on independent learning convergence to special domains, development of research attitude and comprehensive coverage of technologies. Elective courses with choice for module selection provide flexibility and opportunity to explore the domain specific knowledge.

The open elective is to invite the attention to multidisciplinary, interdisciplinary, exotic, employability or update to technology course. The institute has freedom to design the syllabus accordingly. However such designed syllabus needs to be approved by SPPU authority before implementation. Semester-I contains 5 theory subjects, 1 laboratory and 1 noncredit course. The second Semester contains 4 theory subjects, 1 laboratory, 1 Seminar and 1 noncredit course. Typically curriculum is constituted by credit, non-credit courses. These courses are offered as compulsory or elective. Non Credit Courses are compulsory. No grade points are associated with non-credit courses and are not accounted in the calculation of the performance indices SGPA & CGPA. Set of non-credit courses offered is provided by SPPU, Pune. The student has to select the relevant course from pool of courses offered. Course Instructor may offer beyond this list by seeking recommendation from SPPU, Pune authority. The selection of 3 distinct non-credit courses, one per semester (Semester I, II & III) is done by students.

Semester-I includes elective subjects, which are Image Processing, Pervasive and Ubiquitous Computing, Web Mining, Network Security and Open Elective. Student can select anyone of the subject according to their interest. Similarly Semester-II and Semester-III offers different electives and students can select subject according to their interest.

E&TC Engineering

T.E. E&TC Engineering Syllabus has been revised in AY 2017-18.
The Revised syllabus is a blend of core concepts and electronics design fundamentals of E&TC Engineering. One of the objectives of the syllabus is to cultivate students for understanding the design techniques and apply them in real life. The curriculum is based on the prerequisites covered in first and second year and some are newly introduced to students. The syllabus is spanned over two semesters in one Academic Year. In semester-I, there are 5 theory subjects, 5 labs and 1 Audit Course. In semester-II, have 5 theory subjects, 5 labs and 1 Audit Course.

The laboratories are based fundamental knowledge and key concepts of Electronics and design. In semester-I, Laboratory assignments are based on Filter design, digital communication fundamentals , micro controller concepts and interfacing with real world, interdisciplinary subject like mechatronics. They also study and implement the concepts of PCB design and electronics design such as SMPS. Students work on different hardware kits, DSP processors, and software tools such as LABVIEW, MATLAB, Multisim, and C; and use them for practicals as well as for electronics design. This semester also offers different audit courses to students like Cyber and information security.

In Semester-II laboratories are designed to understand the concepts and applications of information theory and coding techniques, design of power electronics circuits, design and interfacing of advanced processors like TMS 67XX and ARM, develop an ability to write programs in C for problem solving. Students work on different hardware kits, advanced processors, and software tools such as LABVIEW, MATLAB, Multisim, and C; and use them for practicals as well as for mini-projects. Apart from the technical studies one audit course like Embedded system Design using MSP 430.

M. E. E&TC Engineering, first Year Syllabus has been revised in Academic Year 2017-18.
This programme aims to equip the students with the theoretical knowledge and practical experience to embark on a career as a design or development engineer in the field of signal processing and to develop transferable skills in research and knowledge acquisition.

The basic motives of designing the contents of various courses is to focus on independent learning convergence to special domains, development of research attitude and comprehensive coverage of technologies. Elective courses with choice for module selection provide flexibility and opportunity to explore the domain specific knowledge.

.Semester-I contains 5 theory subjects, 1 laboratory . The Semester-II contains 4 theory subjects, 1 laboratory, 1 Seminar. Typically curriculum is constituted by credit courses. These courses are offered as compulsory or elective.

Semester-Iincludes elective subjects, which are Advanced RISC and Digital Signal Processors, Mixed Signal Processing, Estimation and Detection Theory, Joint Time Frequency Analysis. Student can select anyone of the subject according to their interest. Similarly Semester-II offers electives such as Soft Computing, Pattern Recognition, Architectures in Signal Processing, Biometrics and semester-III offers different electives and students can select subject according to their interest.

Mechanical Engineering

T.E. Mechanical Engineering Syllabus has been revised in Academic Year 2017-18. In T.E. Mechanical Engineering Savitribai Phule Pune University has introduced Credit-Grade based performance and assessment system with effect from June 2017. In credit course skill development subject is introduced to develop the skill in students which are required in shop floor working. Students can use of theoretical knowledge in practice. In addition to credits courses, it is recommended that there should be audit course (non-credit course) from second year of Engineering. The student may opt for one of the audit courses. Audit courses can help the student to get awareness of different

issues which make impact on human lives and enhance their skill sets to improve their employability. List of audit courses offered in each semester is provided in curriculum. Audit courses are Fire & Safety Technology, Entrepreneurship Development, Intellectual Property, Right Lean Management, Smart Manufacturing.

Fire & Safety Technology generates, develops and sustains a voluntary movement on Fire & Safety Engineering at the National Level aimed at educating and influencing society to adopt appropriate policies, practices and procedures that prevent and mitigate human suffering and economic loss arising from all types of accidents.

Entrepreneurship Development course will help in developing the awareness and interest in entrepreneurship and create employment for others. Students get familiar with the characteristics and motivation of successful entrepreneurs. Students learn various concepts including the basics of management, leadership, motivation, decision-making, conflict management, human resource development, marketing and sustaining an organization. The core course in Entrepreneurship Development & Management equips students with skills and knowledge required to start and sustain their own business.

Intellectual property refers to the rights which are attached to the creation of the mind and which take the form of a property. Thus the study of intellectual property rights is inevitable for managers, considering the fact that India is fast emerging as an economy with considerable investment in cutting-edge research and development.

Smart Manufacturing is an amalgamation of Information Technology, Cloud Computing & traditional Mechanical, Production Engineering towards achieving excellence in manufacturing. The course will introduce the concepts of Smart Manufacturing, how various technologies can be leveraged to achieve minimum breakdowns, First Time Right Production, 100% Delivery on Time with minimum turnaround time. The course will make the students aware of developments in Technology those are going to alter the Traditional Manufacturing scenario.

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

Ans : No

Criterion – II

Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
95	46	11	07	31

2.2 No. of permanent faculty with Ph.D.

19

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
112	0	11	17	07	09	71	0	201	26

2.4 No. of Guest and Visiting faculty and Temporary faculty

Guest   0   Visiting   0   Temporary   66

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	-	07	14
Presented papers	165	68	01
Resource Persons	03	03	10

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

Curriculum revision by the Savitribai Phule Pune University takes place every four to five years. Teaching faculties are involved in designing, planning and implementing it on University as well as college level. This year Final year (BE) syllabus has been revised and credit system is introduced to them. Institute take following efforts to make teaching and learning effective

- Academic monitoring committee, monitors regular conduction of lectures and practical's.
- Mock examinations for online and practical examination are conducted
- Continuous assessment is implemented for all practical courses.
- Open house sessions and remedial classes for academically poor students are conducted
- NPTEL videos, PPTs etc. are used for demonstration
- Guest lectures, seminars, Industrial visits, workshops and add on courses are conducted throughout the year
- All academic events adhere to academic calendar
- Soft skill courses are conducted as audit courses
- In 2017-18, state level project competition is organized.

2.7 Total No. of actual teaching days during this academic year

| 105+109=214 |

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

Examinations are conducted as per SPPU guidelines.
1. As per Savitribai Phule University, College Examination Officer is appointed at Institute level and all activities are carried out under his/her guidance as per rules and regulations of SPPU.
2. Open book test and remedial classes are conducted by faculty for academically poor students.
3. Multiple choice questions and online Mock examinations of students are conducted for practice.
4. Assignments are given to the students and continuous assessment is implemented.

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

Curriculum restructuring | 05 | Revision | 07 | Syllabus development | 10 |

2.10 Average percentage of attendance of students   72

2.11 Course/Programme wise distribution of pass percentage (2017-18):

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
FE	376	29.25	12.5	3.45	0	45.21
Comp. Second Year First shift	149	32.88	26.17	4.02	0	63.08
Second Year Second shift	63	26.98	30.15	4.76	0	66.66
Third Year First Shift	142	38.73	27.46	5.63	0.7	72.53
Third Year Second Shift	67	20.89	35.82	14.92	0	73.13
BE First Shift	125	71.2	23.2	4	0	98.40
BE Second Shift	69	65.21	27.53	2.89	0	95.65
E&Tc Second Year	132	11.36	8.33	7.57	0	27.27
Third Year	146	15.07	26.71	12.32	0.68	54.79
BE	111	46.84	33.33	7.21	0	87.38
Mech Second Year	133	24.06	22.56	7.52	0	54.14
Third Year	155	41.94	15.48	5.16	0	62.58
BE	145	64.83	17.24	8.97	0	90.14

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

- IQAC conducts regular meetings of IQAC committee and takes reviews of teaching learning processes. Following are the some of the initiatives coordinated through IQAC.
  i. Academic monitoring committee takes weekly review of teaching and academic monitoring for each branch and suggest the policies to be adopted for smooth conduction of teaching learning process.
  ii. Feedback of students and other stake holders are taken on regular basis. Students give feedback for faculty as well as the facilities provided by the college.
  iii. Students are encouraged to take Industry sponsored projects or research projects and faculties see to it that it will be completed within time and students will get enough exposure to industry and state of the art technology.
  iv. UG and PG Students also get funding for doing in-house innovative projects.
  v. Recommendations for improvement and Resources and Infrastructure requirement and any other point related quality and reviewed during the management review meeting.
  vi. Motivating faculty members for research
  vii. Conducting conferences, workshops, seminars for students as well as faculty.

2.13 Initiatives undertaken towards faculty development :

Faculty / Staff Development Programs	*Number of faculty benefitted*
Refresher courses	-
UGC – Faculty Improvement Program	25
HRD programs	-
Orientation programs	-
Faculty exchange programs	-
Staff training conducted by the university	03
Staff training conducted by other institutions	19
Summer / Winter schools, Workshops, etc.	05
Others	00

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	10+12=22	Nil	00	15
Technical Staff	11	Nil	00	25

Criterion – III

Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

- The college research committee monitor the progress periodically and discuss the course of action to be taken to develop research, revenue generation and consultancy services.
- All department of institute organised FDP, STTP, National and International conferences for overall development of students and faculty as well as publication of research finding in peer reviewed and high impact factor journals.
- The IQAC through Research & Development Centre has sensitized the faculty to obtain research grants from funding agencies like MNRE, DST, BRNS, BCUD, SPPU etc.
- Faculty members are motivated by providing financial assistance to attend STTP, Workshops, Seminar and organising International, National conferences etc.

3.2   Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	-	-	-
Outlay in Rs. Lakhs	-	-	-	-

3.3   Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	03	-	-
Outlay in Rs. Lakhs	-	6,20,000/-	-	-

3.4   Details on research publications

	International	National	Others
Peer Review Journals	118		-
Non-Peer Review Journals	--		-
e-Journals	06	19	-
Conference proceedings	21	54	-

3.5 Details on Impact factor of publications:

Range   1.627   Average   0.96   h-index   13

Nos. in SCOPUS   38

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	------	------	------	------
Minor Projects	2 Years	BCUD	6,20,000/-	425,000/-
Interdisciplinary Projects	------	------	------	------
Industry sponsored	------	------	------	------
Projects sponsored by the University/ College	1	MESCOE	965782/-	465497/-
Students research projects *(other than compulsory by the University)*	------	------	------	------
Any other(Specify)	------	------	------	------
Total	------	------	1585782/-	890497/-

3.7 No. of books published   i) With ISBN No. | 01 | Chapters in Edited Books | 01 |

ii) Without ISBN No. | ------ |

3.8 No. of University Departments receiving funds from

UGC-SAP | --- | CAS | --- | DST-FIST | --- |

DPE | --- | DBT Scheme/fund | --- |

3.9 For colleges   Autonomy | --- | CPE | --- | DBT Star Scheme | --- |

INSPIRE | --- | CE | --- | Any Other (specify) | --- |

3.10 Revenue generated through consultancy | 125129/- |

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number		03	-		-
Sponsoring agencies		MESCOE	-		-

3.12 No. of faculty served as experts, chairpersons or resource persons   17

3.13 No. of collaborations   International -   National -   Any other -

3.14 No. of linkages created during this year   1

3.15 Total budget for research for current year in lakhs :

From Funding agency -   From Management of University/College Rs. 20,000,00/-

Total   Rs.20,000,00/-

3.16 No. of patents received this year

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

3.17 No. of research awards/ recognitions   received by faculty and research fellows
Of the institute in the year

Total	International	National	State	University	Dist	College
-	-	04	-	-	--	-

3.18 No. of faculty from the Institution who are Ph. D. Guides   04

and students registered under them   17

3.19 No. of Ph.D. awarded by faculty from the Institution ⟨02⟩

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF ⟨-⟩ SRF ⟨-⟩ Project Fellows ⟨-⟩ Any other ⟨-⟩

3.21 No. of students Participated in NSS events:

University level ⟨50⟩ State level ⟨-⟩

National level ⟨-⟩ International level ⟨-⟩

3.22 No. of students participated in NCC events:

University level ⟨-⟩ State level ⟨-⟩

National level ⟨-⟩ International level ⟨-⟩

3.23 No. of Awards won in NSS:

University level ⟨-⟩ State level ⟨-⟩

National level ⟨-⟩ International level ⟨-⟩

3.24 No. of Awards won in NCC:

University level ⟨-⟩ State level ⟨-⟩

National level ⟨-⟩ International level ⟨-⟩

3.25 No. of Extension activities organized

University forum ⟨02⟩ College forum ⟨-⟩

NCC ⟨-⟩ NSS ⟨05⟩ Any other ⟨-⟩

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

The Institute has conducted following major activates are performed during year 2017-18. These activates are classified under head as NSS, department and student welfare.

Through NSS:

1. International Yoga Day
2. Tree Plantation
3. Cleaning of Historic Places
4. Quit India Movement
5. Swachhata Pakhwada
6. NSS Camp
7. Blood Donation Camp

Through Department

- Engineer's day celebration
- Women's day celebration
- ACE Events – Digital Renaissance 2018 & Aplha Quest -2017
- MESA- Phoniex-2017
- IETE Student Forum
- Industrial Visits
- Guest Lectures
- Parent Meeting
- Astiva Activity
- Robotics Awareness Program
- Robotics Fastrack
- Robotics Fastrack OMEGA

Through Student Welfare

- Earn & Learn
- Personality Development Workshop
- Special Guidance Scheme
- Disaster Management Scheme

Criterion – IV
Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	16652.83sq.m.	-	-	16652.83sq.m.
Class rooms	24	-	-	24
Laboratories	12 (Computer Engg), 17 (Mechanical Engg), 13 (E&Tc Engg.), 04 (First Year Dept.)	-	College	46
Seminar Halls	03	-	-	03
No. of important equipments purchased ($\geq$ 1-0 lakh) during the current year.	11 (Computer Engg), 33 (Mechanical Engg.) 15 (E&TC Engg.) 02 (First Year Dept.) Total = 61	01 (Computer Engg), 05 (Mechanical Engg.) 06 (E&TC Engg.) 00 (First Year Dept.) Total = 12	College	73
Value of the equipment purchased during the year (Rs. in Lakhs)	360.73 (Computer Engg) 275.66 (Mechanical Engg) 228.22 (E&TC Engg) 31.14 (First Year Dept.)	14.32 (Computer Engg) 67.42 (Mechanical Engg) 28.98 (E&TC Engg) 2.04(First Year Dept)	College	375.05 + 343.08 + 257.2 + 33.18 Total=1008.51

			College	
Others	Software 77.31 (Computer Engg) 46.95 (E&TC Engg) 70.56 (Mechanical Engg) 1.47 (First Year Dept.)	18.18 (Computer Engg) 17.60 (E&TC Engg), 11.17 (Mechanical Engg), NIL(First Year Dept)		95.49 + 64.55 + 81.73 + 1.47 Total Lakhs =243.24

4.2 Computerization of administration and library:

1. Use of ERP system for teaching learning process.
2. Use of OPAC software in library.
3. Use of computers and data storage in all administration & library sections.
4. Use of online system for the FE admissions as per the norms and guidelines by the Director of Technical Education, Govt. of Maharashtra

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value (Rs.)	No.	Value (Rs.)	No.	Value (Rs.)
Text Books	36995	1,55,98,883.82	933	6,92,853.31	37928	1,62,91,737.13
Reference Books	2200	30,41,075.3	32	1,75,913.16	2232	32,16,988.46
e-Books	NIL	NIL	NIL	NIL	NIL	NIL
Journals	Yearly Renewed	Yearly Renewed	56	4,11,613.00	56	4,11,613.00
e-Journals	Yearly Renewed	Yearly Renewed	515 Nos, + Procedings-2696 Nos	19,86,631.00	515 Nos, + Procedings-2696 Nos	19,86,631.00
Digital Database	NIL	NIL	NIL	NIL	NIL	NIL

CD & Video	120	100000	17910	by IIT, Bombay	18030	100000
Others (specify)	NIL	NIL	NIL	NIL	NIL	NIL

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments
Existing	1095 Desktop + 150 thin client + 20 N computing	20	35 Mbps	01	01	01	04
Added	Desktop 124	-	70 Mbps	-	-	-	-
Total	1389	20	70 Mbps	01	01	01	04

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

- RED ERP System has been partially implemented in last academic year.
- Internet bandwidth is increased up to 70 Mbps; whereas per the guidelines and norms by AICTE, New Delhi requirement is 32Mbps only.

4.6 Amount spent on maintenance in lakhs :

Sr.No.	Equipment	Department	Amount in Rs
i	ICT:	Computer:	65,18,019
		Internet:	10,91,662
		Telephone:	75,342
		Total:	76,85,023

ii	Campus Infrastructure and facilities:	Repairs & Maintenance:	35,52,383
		Furniture:	5,31,035
		Total:	40,83,418
iii	Equipment's: 1		43,68,767
iv	Others:	Consumables:	36,83,565
		Electricity:	11,40,950
		Sanitation & cleaning:	11,75,070
		Total:	59,99,585
		Total(i+ii+iii+iv)	**2,21,36,793/-**

Criterion – V
Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

> - ✓ Parent teacher and class teacher activity.
>
> - ✓ Provision of Gym
>
> - ✓ Health centre facility
>
> - ✓ Grievance redressal committee
>
> - ✓ Hostel facility for both boys and girls
>
> - ✓ Canteen facility for both boys and girls
>
> - ✓ Book Bank Facility in the Library
>
> - ✓ NPTEL Videos
>
> - ✓ Photocopy Facility
>
> - ✓ Arrangement of Industrial Visit to enhance practical knowledge

5.2 Efforts made by the institution for tracking the progression

> - ✓ Conducting parents meet and informing them on the progress of their children.
>
> - ✓ Allocated parent teacher for each batch of 20 students and a class teacher for each class to monitor and counsel the students' progress in academic as well as extra-curricular activities.
>
> - ✓ Conducted extra lectures and remedial classes to improve performance of students.
>
> - ✓ Highlighting achievements of students in college news letter

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
1813	27	Nil	Nil

(b) No. of students outside the state

59

(c) No. of international students

Nil

Men	No	%
	1123	61.032

Women	No	%
	717	38.96

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
1230	197	19	419	1	1866	1189	197	17	436	1	1840

Demand ratio -0.79   Dropout % -2.25%

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

College provides infrastructural facilities to organize coaching classes for competitive examinations. Study material related to GATE and other competitive examinations is available in the college central library.

5.5 No. of students qualified in these examinations   03

NET   Nil   SET/SLET   Nil   GATE   02   CAT   01

IAS/IPS etc   Nil   State PSC   Nil   UPSC   Nil   Others   Nil

5.6 Details of student counselling and career guidance

- ✓ Orientation program for first year students.
- ✓ Parent teacher activity- To monitor student's attendance and academic records. Meetings are arranged with students to find out and solve their problems.
- ✓ Guest Lecture on "Higher education opportunities in Abroad" on 07/09/2017
- ✓ Guest lecture on "Career guidance" by Opulent on 24/01/2018

Number of students benefited   600

5.7 Details of campus placement

	On campus		Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
117	185	89	10

5.8 Details of gender sensitization programmes

- Personality development workshop for girls by Mr. Sunil Patil on 21/02/2018.
- Mr. and Ms. MESCOE competition.
- MESCOE Talent competition

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level | 22 | National level | 57 | International level | 00

No. of students participated in cultural events

State/ University level | 17 | National level | Nil | International level | Nil

5.9.2 No. of medals /awards won by students in Sports, Games and other events
Sports:

State/ University level | 00 | National level | 01 | International level | 0

Cultural: State/ University level | 01 | National level | Nil | International level | Nil

5.10 Scholarships and Financial Support:

	Number of students	Amount
Financial support from institution	41	Rs .12,798/
Financial support from government	1118	Rs.7,66,30,940/-
Financial support from other sources	Nil	Nil
Number of students who received International/ National recognitions	Nil	Nil

5.11   Student organised / initiatives

Fairs   : State/ University level | 00 | National level | 01 | International level | Nil |

Exhibition: State/ University level | Nil | National level | Nil | International level | Nil |

5.12   No. of social initiatives undertaken by the students | 07 |

5.13 Major grievances of students (if any) redressed: - Nil

Criterion – VI
Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Institute Vision: To Groom - Motivated, Environment Friendly, Self-esteemed, Creative and Oriented Engineers.

Institute Mission: To Develop Industry Oriented Manpower to accept the challenges of Globalization by:
- Promoting Value Education through motivated trained faculty,
- Maintaining conducive environment for education at affordable cost,
- Promoting Industry Institute interaction, and
- Involving Alumni.

6.2 Does the Institution has a management Information System

RED ERP has been implemented in the institute. It is an excellent source of information related to academics.

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

The curriculum development is carried out as per Savitribai Phule Pune University Guide - lines.
- BE syllabus framing workshop was organized by E&TC department on 30/1/2018.
  The attendees for this workshop were HOD from various colleges. BE 2015 Credit
  pattern was discussed and finalized in this workshop.
- Mechanical Engineering Department organized CAD-CAM and Robotics (2015 Pattern)
  Syllabus Implementation Workshop on 27/02/2018.

6.3.2 Teaching and Learning

The Institute follows outcome based teaching and learning methodology
1. Qualified and experienced staff is recruited as per AICTE and DTE guidelines.
2. The faculty members use appropriate techniques and tools for instruction delivery.
3. To bridge the curricular gap contents beyond the syllabus are taught by the faculty members.
4. Online feedbacks from students to assess the teaching skills of the faculty.
5. Continuous assessment of students' performance through tests, assignments, seminars and projects.
6. Emphasis on imparting skills through laboratory experiments and various skill development Programmes.
7. Promoting professional development of faculty by providing support
   1. To undergo refresher courses.
   2. To pursue doctoral Programs.
   3. To attend and organize National and International Seminars/workshops/conference.
   4. National and International Seminars/workshops/conferences.

6.3   Examination and Evaluation

Examinations are conducted as per rule and regulations of Savitribai Phule Pune University. Evaluation of Internal Marks is done based on Continuous assessment of students' performance through tests, assignments, seminars and projects.

6.3.4   Research and Development

- Dr.P. B. Chopade from E&TC department completed PhD in March 2018 and Dr. V. N. Chougule was awarded PhD in June 2017.
- Mrs. Aparna Rajesh Prayag received BCUD grant of Rs.2,50,000 for her research work.
- The institute organized State Level Project Competition & Exhibition,SHODH-2018 , in association with CSI, IETE and SAE INDIA.
- Mechanical department organized 4 days c balance workshop on "Fair Conditioning" for TE Mechanical students and Staff members under Refrigeration and Air Conditioning subject on 15th to 18th March 2018.
- Mechanical Department developed Industrial Tribology Laboratory.
- Students are participating in Technical event Virtual M-BAJA 2018 dated on 14th & 15th July 2017 at PITHAMPUR, Indor (MP) and RANKED – 8th .

6.3.5   Library, ICT and physical infrastructure / instrumentation

- Library committee plays an important role for guidance and purchase of the library requirements.
- Well organised library with books around 40000.
- Library is fully automated using SLIM Web OPAC software.
- Google alert services
- Library has subscribed online journals where all the faculties and students can download the articles through static IP.
- Digital section with 20 Pcs for scanning of online journals and NPTEL Lecture Videos.
- NPTEL Videos - 18030
- Online Journals
    - Science Direct -275
    - IEEE ASPP - 211 Journals and POP (Proceedings) – 2696
    - ASME -29
    - Print Journals-57

6.3.6 Human Resource Management

- The Institute takes care of its human resources.
- Employees are given utmost importance and their needs are well-recognized.
- Service rules are made transparent and the staff gets benefits such as Provident Fund, Gratuity, and Group Insurance Scheme etc.
- The faculties and staff are entitled to other benefits like casual leave, maternity leave, medical leave, earned leave and vacation according to rules laid down in the statutes of SPPU.
- The Institute frequently arranges training Programs and also deputes the staff to other organizations for attending such Programs for acquiring balanced skills (technical skills, teaching skills, soft skills).
- The Institute has also arranged financial planning lectures for staff, to assist them for effective planning of their finances.
- The Institute has a well-defined and effective selection procedure, systematic performance appraisal system and promotion policies.

6.3.7 Faculty and Staff recruitment

i. Releasing the advertisement in the Leading daily newspapers.
ii. Scrutinizing of Application
iii. Selection of Candidates is done by staff selection committee appointed by Savitribai Phule Pune University.

6.3.8 Industry Interaction / Collaboration

The institution has an Institute industry interaction through the Training and Placement Cell. They promote industrial training for the students and for the faculty as well. Every academic year it is made sure that the students are taken for industrial visits. Both UG and PG students are motivated to undertake their final year project in the relevant industries of their domain, thus exposing and preparing them to meet the real time requirement of the industry.

The Institute has signed MoUs with well-known industries such as
TechNex Technologies Pvt.Ltd, Seed Technology, Japanese Language teachers Association of Pune (JALTAP), miTu Skillogies Sapours Technology Pvt. Ltd., Fizzible Tech. Pvt. Ltd, Sphier Unified Solutions Pvt. Ltd, Pune, Mitsubishi Electric India Pvt. Ltd., Gurgaon, ProActive, IT Service Pvt. Ltd., Green Triz Trident Techlabs Pvt. Ltd., Centre for Development of Advanced Computing (C-DAC), AMITEC Electronics Ltd., Pearson VUE Test Centre Communication & Network Infrastructure Training, Texas Instruments ARK Infosolution Pvt. Ltd., Mechatol Engineering Solutions kWattSolution Pvt. Ltd., NI Systems (India) Pvt. Ltd. **,** cBALANCE, ZEST Engineering Services and Technology, Baker Gauges India Pvt. Ltd. Pune IFS Academy, Pune**.**

6.3.9   Admission of Students

> The entire admissions of students are carried out as per AICTE norms through Centralized Admission Process regulated by Director of Technical Education, Govt. of Maharashtra

6.4 Welfare schemes for

Teaching	Credit Society Loan facility, Training Program, Extended maternity Leave.
Non-teaching	Credit Society Loan, Training Program, Extended maternity Leave., Uniform
Students	Training Programmes, Insurance as per Savitribai Phule Pune University scheme.

6.5 Total corpus fund generated | - |

6.6 Whether annual financial audit has been done   Yes [✓]   No [ ]

6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	-	Yes	Internal academic monitoring committee
Administrative	No	-	Yes	-

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes   Yes [ ]   No [✓]

For PG Programmes   Yes [ ]   No [✓]

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

> As per Savitribai Phule Pune University Reforms

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

> As per Savitribai Phule Pune University Promotional Schemes

6.11 Activities and support from the Alumni Association

1. Alumni meets are organized yearly.
2. Every Alumni is encouraged to register in Alumni Association.
3. Opportunities are made available for our Pre-final year students to bond with Alumni with profession mindfulness program.

6.12 Activities and support from the Parent – Teacher Association

Class teachers and parent teachers interact with Parents regularly.

6.13 Development programmes for support staff

- Various development programmes are arranged by the institute for support staff to name few
  - Provide financial support to attend technical workshops organized in other Institutions
  - Representation of Non-teaching staff in Local Managing committee, Reservation committee as per Savitribai Phule University Norms and guidelines

6.14 Initiatives taken by the institution to make the campus eco-friendly

- The Institute is committed towards energy conservation. The common areas in the college are illuminated with LED lights.
- All the washrooms are fitted with proximity sensors to save electricity when the washrooms are un-utilized.
- The Institute has taken initiatives to use renewable energy. The hostels are fitted with solar water heaters (2 units with a capacity of 5000 LPD).
- The Institute has implemented the rain water harvesting project, which has saved a significant amount of water expenses. It also maintains the campus ecology.
- The Institute is conscious about reducing its carbon footprint.
- The Institute has successfully implemented a Tree Plantation Programme through the NSS activity, which has resulted in a green and eco-friendly campus.

Criterion – VII
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.

- Academic Monitoring is performed regularly which includes data submission regarding lectures and practical conducted and student attendance.
- Remedial classes are conducted at the end of the Semester for academically weak students who have failed in university examinations.
- Online student feedback system at the mid of the each semester, for taking feedback of individual teachers, departments, administrative office, library and T & P cell.
- Appointment of Parent Teacher for groups of 20 students till they complete their graduation to act as a counsellor.
- Review of students' attendance, once in a month and communicating their attendance to the parents by post and also via phone and parent meet called by department every semester.
- The teaching staff members called parent teachers, interacted with the students to identify their strength, attitude, characters, ambitions etc.
- Implemented Optimization and integration of modern methods of teaching and learning

Administrative Innovations:
1. The Institute has a teacher oriented management through the Board of Life Members.
2. Departments conducted regular meetings for monitoring the curricular, co-curricular and extra-curricular activities.
3. FE department conducted regular meetings for monitoring the curricular, co - curricular and extra-curricular activities.

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

Task	Action	Status
Organising National / International Conference	7th National Conference on Recent Developments in Mechanical Engineering RDME-2018 Conference on 23th and 24th March, 2018 organised by Mechanical Engineering Department	Total no. of participant- 30 The selected papers published in IOSR Journal special issue Vol. No.-1 to 6 e-ISSN: 2278-1684 P-ISSN: 2320-334X

	The 5th National Conference on 'Advancements in Communication, Computing and Electronics Technology [ACCET]' was organized by the Department of E&TC Engineering during [March 22-23, 2018]	Total no. of participant- 48 Selected papers are published in UGC approved Journal ,Asian Journal of Convergence in Technology (AJCT) ISSN No.:2350-1146
	6th National Conference on Recent Advances in Computer Engineering RACE-2018 organised on 15th and 16th March, 2018 by Computer Engineering Department	Total no. of Papers: 69
Projects Poster Presentation	MESCOE Organised State level Project Competition "SHODH-2018"on 27th March 2018.	SHODH 2018 Mechanical Engineering Details No. of Registered groups – 42 No. of participated groups – 37
	Departmental poster presentation for BE (E&Tc) students organised on 13th January 2018.	No. of participated students – 111
	SHODH 2018 State level project competition and exhibition in association with CSI, IETE and SAEINDIA Organised on 27th Mar 2018.	The students actively participated Projects Poster Presentation activity Total no. of participant Group: 42
State level Projects competition and exhibition	MESCOE Organised State level Project Competition "SHODH-2018"on 27th March 2018.	SHODH 2018 E&TC Engineering Details No. of Registered groups – 46 No. of participated groups – 40
ACE	1. ALPHA QUEST 2017 organised on 18th September 2017 2. Digital Renaissance 2018 organised on 22th and 23th March 2018	Total no. of participant: 377 Computer Engg. Department has successfully organized two days Digital Renaissance activity utilization of G-brainy software Total no. of participant: 212

PHOENIX-2017	One day Technical Event organised on 13th to 15th Sept. 2017 by MESA.	Department of Mechanical Engineering has conducted the activity for students under Mechanical Engineering Student Association (MESA). Total no. of participant 100.
BAJA 2018	BAJA SAEINDIA 2018, the 11th edition of the BAJA series by SAEINDIA	Team Gyrfalcons from MESCOE Stood 8th Rank.
ETSA " Innerve -2018"	Department of electronics and telecommunication conducts some technical and non-technical events every year to motivate the students This year also our department had arranged an event named 'INNERVE 2018' which was successfully conducted by ETSA (Electronics and telecommunication student association) during 23rd march 2018 and 24th march 2018	Students from different colleges were also participated.
Workshop for student	1. Two day Workshop on Basics of Latex Document preparation organized on 12th and 13th September 2017 2. One day Workshop on Internet of Things (IOT) using Ardino and BBB organized on 24th Mar 2018	Computer Engg. Department organised the activity effectively for all TE computer students.

| Industrial Visits Mech: | 1. Raosaheb Pawar Ghodganga Sahakari Sakhar Karkhana, Shirur, Pune on 10 & 27/07/ 2017 for Turbo Machine subject . 2. City Pride Air Conditioning Plant, Kothrude, , Pune. 21/08/2017, for Refrigeration & Air Conditioning . 3. Katraj Milk Plant, Katraj, Pune. 21&22/09/2017 for Thermodynamics. 4. Speed Edge Enterprises Pvt. Ltd. Sahakar Nagar, Pune. On 25/09/2017 for Design of Machine. 5. Wadgaon Pumping Station, Padmawati Pumping Station and Ksdareshwar Pumping Station , Pune on 10 & 11/10/2017 for Turbo Machine 6. Kothari Wheels Maruti Service Station, Hadapsar on 18 & 19th /01/2018 for Applied Thermodynamics. 7. Mapro Food Storage Plant, Mahabaleshwar on 02/02/ 2018 for Refrigeration and Air Conditioning. 8. ArtFab Engineering Kharadi, Pune on 17 &18/01/2018 for Manufacturing Process. 9. Shreenath Mhaskoba Sakhar karkhana on 20/03/2018, for Power Plant Engineering. 10. Khodshi Hydro Power Station, Kodshi, Karad, on 23/03/2018 for Design of Pump & Blower. | |

Industrial Visits E&Tc:	1. "Giant Metrewave Radio Telescope" Tata Institute of Fundamental Research, Pune TE E&TC 90 students visited on 28 February 2018 2. "BSNL(MTSO) Regional Telecome Training Center (RTTC)," Chinchwad, Pune 111 students of BE E&TC visited on 26th and 28th March 2018	Pedagogical tools are matched to the needs of individual programs where emphasis is given on active participation rather than passive assimilation. Industrial Visits which help our students learn cross cultural management skills along with acquiring the basic insight about the real-time business environment. With first hand and practical information about the key functioning of various industries, students become more efficient and competent in their respective field of work. Departments have successfully organized Industrial visits in the academic year 2017-18.
Guest Lectures	Mechanical Department have organized following Guest Lectures 1. Mr. Amol Birajdar, on "*Selection of Project and Execution*" for Final Year Students on 05/07/2017 2. Mr. Vishwas Deshpande on "*Opportunity through GATE*" on 18/07/2017 3. Mr. Hudoor Siqua, Zest Engineering Services and Technology, Pune on "*Advance in Automobile Industries*" on 26/072017 4. Mr. Niranjan Kapure, Apollo Institute CAD/CAM/CAE Training, Pune, on "Importance of ANSYS in Industry" on 27/07/2017 5. Mr. Hudoor Siqua, Zest Engineering Services and Technology, Pune, "*Advance in Automobile Industries*" on *04/08/2017*. 6. Me. Anand Bhise, Director Mechanical Engineering Solution, Pvt. Ltd, Pune, on "*How to Demonstrate the GD&T*	Departments have effectively organized Guest Lectures. Eminent speakers from the top industry are invited to impart best educational light and enlighten our students with their ideas and experiences they share with us. The fascinating lectures on various topics boost the confidence of new aspirants as the lectures ends with motivating question and answer sessions. Distinguished guest lecturers speak on various important topics that would prove beneficial for them while choosing the right career paths.

	on Engineering Drawing" on 11/08/2017 7. Mr. Vivek Gilani, Mr. Prachi Bhujawad, "Fair Conditioning " on 15/03/2018 8. Mr. Ashish Pal on *"Study in Higher Education & Opportunities Abroad"* on 17/03/2018	
	E&TC Department have organized following Guest Lectures 1. Mr. Shivam Khole from Sphier Unified Solution Pvt. Ltd. Delivered lecturer on "Audit Course-4 - Embedded System Design Using MSP-430 & BE Project Execution Planning " for 126 TE E&TC students on 27th March 2018. 2. Ms. Amatulla Patawala (Business Development Executive) OPULEN delivered lecture on "Carrier Guidance by OPULENT" for 122 TE E&TC students on 4th January 2018. 3. Mr. Rahul Shedge from RS Network delivered a lecture on on "Introduction to CCNA" or 105 TE E&TC students on 25th January 2018. 4. Mrs. Sarita Sinha, Head, IMFS, Pune delivered lecture on "Higher education opportunities in Abroad" on 7th September 2017 for TE & BE students **5.** Prof. Sagar Shinde deliverd lecture on " SQL- DBMS" on 12th September 2017 6. Prof. Chetan Meshram Mechanical Dept. MESCOE Pune delivered lecture on "Pneumatic and Hydraulic System" on 12th Sept 2017 7. Dr. YOGESH H. DANDAWATE Professor, Department of Electronics and Telecommunication, Vishwakarma Institute of	Departments have effectively organized Guest Lectures. Eminent speakers from the top industry are invited to impart best educational light and enlighten our students with their ideas and experiences they share with us. The fascinating lectures on various topics boost the confidence of new aspirants as the lectures ends with motivating question and answer sessions. Distinguished guest lecturers speak on various important topics that would prove beneficial for them while choosing the right career paths.

	Information Technology, Pune delivered lecture on "Motion estimation for video compression and video coding" on 31st October 2017. 8. Dr. Parul Jadhav delivered lecture on "DSP Processors" on 21st Mar. 2018 9. Dr. Rajesh Borole delivered lecture on "Power Electronics" on 26th March 2018. 10. Dr. Jayshree Phadnavis delivered lecture on "Employability Skill" on 28th March 2018 11. Ms. Manisha Zende, PI of Cyber Crime Branch, Pune delivered lecture on "Cyber Crime" on 23rd March 2018 12. Dr. S. S. Joshi, Professor, VIIT, Pune delivered lecture on "Linear predictive analysis of speech" on 20th March 2018	
	Computer Department have organized following Guest Lectures 1. Career Guidance on Higher Studies (M.S.) on 17/01/2018, Participant: 105 2. Business Analytics and Digital Marketing on 01/02/2018, Participnt:111 3. Career Guidance on Higher Studies on 17/01/2018, Participant: 121	
Faculty Development Workshop	1. One day FDP on basics of R Programming organised on 6th Mar 2018. Participant: 38 2. One day FDP on Internet OF Things (IOT)	The Faculty Development Workshop provide platform for faculty to discuss and exchange learning and assessment methods, faculties have availed the opportunity.

	organised on 10th Mar 2018.Participant:44 3. One day FDP on Application of MATLAB for Scientific Computing and Engineering Organised on12th Aug 2017. Participant: 42	
Research Activities	Encouraging the staff members for Research Activities and to pursue Higher Education Studies leading to Ph.D.	MECH :Faculties are motivated to pursing Ph.D. in various fields. Faculties completed Ph.D.:- i. Prof. Dr. V. N. Chougule awarded Ph.D. (Mech)) from COEP in June 2017. ii. Mr. Wankhede S. D. of Mechanical Engg. Dept. Registered for Ph.D. E&Tc: Faculties are motivated to pursing Ph.D. in various fields. Faculties completed Ph.D.:- i. Prof. Dr. P. B. Chopade awarded Ph.D. (E&TC)) from SPPU, Sinhgad College of Engineering, Pune in April 2018. Prof. Priyanka Tondewad and Prof. Vaishali H. Kamble pursuing for PhD Programme COMP: Faculties are motivated to pursing Ph.D. in various fields.
Initiative for fetching Research Grants	Advising faculty to apply for BCUD research grant, UGC and other research grants	Research Grants: _____

Syllabus Updating and faculty training programs	Encouraging the staff members for FDP and participating in syllabus implementation workshops.	1. MESCOE, Mechanical Department organized ERP staff training program on 10 March 2018 2. Mechanical department organized 4 days C-balance workshop on "Fair Conditioning" for TE Mechanical students and Staff members under Refrigeration and Air Conditioning subject on 15 to 18 March 2018 3. MESCOE, Mechanical department organized CAD-CAM Syllabus (2015 - Pattern) Implementation Workshop
		E&Tc: 1. BE revised syllabus discussion workshop 2. Ten days IoT workshop for faculties arranged from 20 November 2018 to 1 December 2018. 3. Workshop on personality development for girls on 21 Feb 2018 4. Workshop on Disaster management for students 5. Eight days workshop on Mechatronics using Lab-VIEW for students
Parent Meet	Departments have organised parent meeting to intimate students' progress	Mechanical Engineering Departments has organised parent meeting for all S.E., T.E. and B.E. class on 24th March 2018. Interaction with the parents and given feedback about student's progress to their parents.
		E&TC Engineering Departments has organised parent meeting for all S.E., T.E. and B.E. class on 17th March 2018.

		Computer Departments have organised parent meeting for all S.E. class on 24th Mar 2018 Interaction with the parents and give feedback about student's progress to their parents.
Alumni Meet 2018	Alumni Meet was organised On Saturday, 07/04/2018. Alumni interacted & networked with Institute	Alumni extended their cooperation in college developments.

7.3 Give Best Practices of the institution

1. Fostering Global Competencies among Students
2. Identification of deficiencies of each student at the time of entry and providing additional input by way of extra classes and courses in soft-skill development.

7.4 Contribution to environmental awareness / protection

1. NSS Unit of MESCOE participated in Tree Plantation Program initiated by Forest Ministry of Maharashtra Government on 6th July, 2017.
2. Institution has Pollution free Campus
3. Monitoring the effective utilization of water in the campus
4. Energy auditing has been carried out by energy monitoring committee for Energy saving
5. NSS Special Camp at Nandgaon Village, Tal- Mulshi, Dist.-Pune from 11th Dec to 17th Dec. 2017.
6. FE Department Students presented posters about environmental awareness during annual gathering week.

7.5 Whether environmental audit was conducted?   :   Yes

7.6 Any other relevant information the institution wishes to add.

Strength

i.   NAAC accredited Institution.
ii. Qualified, committed and experienced faculty.
iii. State-of-the-art laboratories where students are exposed to modern and sophisticated instruments and test facilities.
iv. Practical Exposure to the Students to abreast them with the changing technologies through industrial visits, sponsored projects, seminars, workshops and guest lectures by eminent personalities from the industry.
v.   Academic Flexibility with the advent of autonomy.

Weakness

i.   Funds constraints being a Self-financed institution
ii. Since the technology is upgrading at tremendous speed whereas being unaided Institute resources are lacking to pursue the same, whereas the institute plans to Upgrade syllabus with BOS SPPU, laboratories, faculty knowledge through Interaction with the leading industries and leading research laboratories.

8. Plans of institution for next year

-   Develop new laboratories in view of possible changes in syllabus.
-   Enhance engagement with Industries from various fields for student and faculty training.
-   Encourage Industry sponsored research experience to the faculty and student.
-   Strengthen Alumni association and enhance alumni engagement in institute development.

Name Dr. Raibhole V. N.

Signature of the Coordinator, IQAC
IQAC

Name Dr. Keste A. A.

Signature of the Chairperson,

PRINCIPAL
MES's College of Engineering
Pune - 411 001.

***

Abbreviations:

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission

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Annexure-II

Academic Calendar-2017-18

MODERN EDUCATION SOCIETY'S COLLEGE OF ENGINEERING, PUNE

Academic Year:- 2017-18

Semester:-1

Department:- Computer Engineering

Starting Date:- 15/06/2017

Concluding Date:- 18/10/2017

Sr. No	Activity	June (W-1, W0, W1, W2, W3)	July (W4, W5, W6, W7)	August (W8, W9, W10, W11, W12)	Sept (W13, W14, W15, W16, W17)	Oct (W18, W19, W20, W21)	Nov (W22, W23, W24)	Resource Person	Resources
I	**Academic**								
1	To accept course theory/practical responsibility for the term							HOD	
2	To set Objectives of the course/dept							HOD,SKW	
3	Mapping with PEO'S							HOD,SKW	
4	To prepare content analysis/lesson plan/Syllabus/Personal Timetable							SPD	
5	To prepare/ review/ update lab manual							SPD	
6	Review/preparation/maintenance of labs							HOD	
7	Instruction delivery theory/ practical/generation of self learning							SPD	
8	Conduction of Tutorial							SRK	
9	SE Online Exam And TE & BE In Sem							SRK	
10	Analysis of University Result							SRK	
11	Defaulters list and send letters to parents							SPD	
12	Parent meeting							SPD	
13	Mentoring students							SPD	
14	Library usage review							SPD	
15	Remedial classes							SRK	
16	Student project quality review							SPK	
17	Continuous Assessment/Journal Certification			Continuous Assessment				HOD	
18	Submission of term work marks							SRK	
19	University practical exam							SRK	
20	University theory exam							SRK	
21	Next term work load distribution							HOD	
22	Feedback :Departmental							SPD	
23	Feedback :Individual Faculty							SPD	
24	Analysis of feedbacks							SPD	
25	Preventive and corrective action based on feedback							HOD	
26	Appraisal form							HOD	
27	Time Table Preparation and Display							HOD	
28	Ambience- Class room, Laboratories							HOD	

MODERN EDUCATION SOCIETY'S COLLEGE OF ENGINERING, PUNE

Academic Year:- 2017-18

Department:- Computer Engineering

Starting Date:- 15/06/2017 Concluding Date:- 18/10/2017 Semester:-1

Sr. No	Activity	Schedule (June–Nov, Weeks -1 to 24)	Resource Person	Resources
II	**Co-Curricular**			
1	Display academic calendar		HOD	
2	DSR Verification		HOD	
3	Budget Preparation		HOD	
4	Professional Society Activity		BKB	
	Interaction with outside world:		BKB	
5	5.a.Conducting short term courses			
	5.b.FDP [Staff]		BKB	50,000/-
	5.c. Guest Lectures		BKB	12,000/-
	5.d. Industrial Visits		BKB	3,50,000/-
6	Student Association Activities : ACE		SPD	40,000/-
7	Research/R&D/project proposal/ consultancy		BKB	
8	Training of support staff		BKB	
9	Innovations/entrepreneurship initiavtive/publication of technical magazine / organizing paper contest/product design contest		BKB	
10	Departmental Meeting	Departmental meeting to be conducted on 2nd & 4th Saturday of Every Month	HOD	
11	Entrepreneurship Development Program		BKB	
12	Incubation Center		BKB	
13	Grants & Revenue Generation		GSP	
14	National/International Conference		RMW	
15	Publication Activity		RMW	
III	**Extra-Curricular**			
1	Days Celebration	21st June, 15th Aug, 5th Sept, 15th Sept, 11th Nov	SBS	15,000/-
2	NSS		SBS	
3	Robo Club		SBS	15,000/-
4	College Magazine		SBS	
5	News Letter		SBS	10,000/-
6	Astitva		SBS	
7	Student Welfare Board		SBS	

HOD

VICE-PRINCIPAL

PRINCIPAL

Department:- Computer Engineering
Starting Date:- 18/12/2017

Semester:-II
Concluding Date:- 06/04/2018

MODERN EDUCATION SOCIETY'S COLLEGE OF ENGINERING, PUNE
Academic Year:- 2017-18

Sr. No	Activity	Resource Person	Resources
I	**Academic**		
1	To accept course theory/practical responsibility for the term	HOD	
2	To set Objectives of the course/dept	HOD,SKW	
3	Mapping with PEO'S	HOD,SKW	
4	To prepare content analysis/lesson plan/Syllabus/Personal Timetable	SPD	
5	To prepare/ review/ update lab manual	SPD	
6	Review/preparation/maintenance of labs	HOD	
7	Instruction delivery theory/ practical/generation of self learning	SPD	
8	Conduction of Tutorial	SRK	
9	SE Online Exam And TE & BE In Sem	SRK	
10	Analysis of University Result	SRK	
11	Defaulters list and send letters to parents	SPD	
12	Parent Meeting	SPD	
13	Mentoring students	SPD	
14	Library usage review	SPD	
15	Remedial classes	SRK	
16	Student project quality review	SPK	
17	Continuous Assessment/Journal Cerification	HOD	
18	Submission of term work marks	SRK	
19	University practical exam	SRK	
20	University theory exam	SRK	
21	Next term work load distribution	HOD	
22	Feedback :Departmental	SPD	
23	Feedback :Individual Faculty	SPD	
24	Analysis of feedbacks	SPD	
25	Preventive and corrective action based on feedback	HOD	
26	Appraisal form	HOD	
27	Time Table Preparation and Display	HOD	
28	Ambience- Class room, Laboratories	HOD	

Months / Weeks: Dec (W -1, W 0, W 1), W 2, W 3, Jan (W 4, W 5, W 6, W 7), Feb (W 8, W 9, W 10, W 11), March (W 12, W 13, W 14, W 15), April (W 16, W 17, W 18, W 19), W 20, W 21, May (W 22, W 23, W 24)

Annotations within chart: "Online" / "Online/In-Sem" (for activity 9), "Continuous Assessment" (for activity 17)

MODERN EDUCATION SOCIETY'S COLLEGE OF ENGINEERING, PUNE

Academic Year:- 2017-18

Department:- Computer Engineering
Starting Date:- 18/12/2017

Semester:-II
Concluding Date:- 06/04/2018

Sr. No	Activity	Dec (W-1, W0, W1, W2)	Jan (W3, W4, W5, W6)	Feb (W7, W8, W9, W10, W11)	March (W12, W13, W14, W15)	April (W16, W17, W18, W19, W20)	May (W21, W22, W23, W24)	Resource Person	Resources
II	**Co-Curricular**								
1	Display academic calendar							HOD	
2	DSR Verification							HOD	
3	Budget Preparation							HOD	
4	Professional Society Activity							BKB	
	Interaction with outside world:							BKB	
5	5.a.Conducting short term courses							BKB	50,000/-
	5.b.FDP [Staff]							BKB	12,000/-
	5.c. Guest Lectures							BKB	3,50,000/-
	5.d. Industrial Visits							SPD	80,000/-
6	Student Association Activities : ACE							BKB	
7	Research/R&D/project proposal/ consultancy							BKB	
8	Training of support staff							BKB	
9	Innovations/entrepreneurship initiavtive/publication of technical magazine / organizing paper contest/product design contest								
10	Departmental Meeting				Departmental meeting to be conducted on 2nd & 4th Saturday of Every Month			HOD	
11	Entrepreneurship Development Program							BKB	
12	Incubation Center							BKB	
13	Grants & Revenue Generation							GSP	
14	National/International Conference							RMW	1,50,000/-
15	Publication Activity							RMW	
III	**Extra-Curricular**								
1	Days Celebration	Jhaankar 18 / Youth Day	Republic Day	Women's Day				SBS	15,000/-
2	NSS							SBS	
3	Robo Club							SBS	15,000/-
4	College Magazine							SBS	
5	News Letter							SBS	
6	Astitva							SBS	10,000/-
7	Student Welfare Board							SBS	

HOD

VICE-PRINCIPAL

PRINCIPAL

Modern Education Society's College of Engineering, Pune - 411 001

Department of Mechanical Engineering

Academic Year 2017-18 Term -I

Starting Date: - 15/06/2017   **Concluding Date: - 18/10/2017**

Month	June					July				August				September				October					Resource person	Resources / Fund	Sign
Activity	W-1	W0	W1	W2	W3	W4	W5	W6	W7	W8	W9	W10	W11	W12	W13	W14	W15	W16	W17	W18	W19	W20			
I Academic																									
1 To accept course theory/practical responsibility for the term																							HoD, SSJ	Class Coordinator	
2 To set Objectives of the course/dept																							VJS	V J Sonawane	
3 Mapping with PEO'S																							VJS	V J Sonawane	
4 To prepare content analysis/lesson plan/Syllabus/Personal Timetable																							KAM	PBB / PSP	
5 To prepare/ review/ update lab manual																							VJS	Individual faculty / Lab Incharge	
6 Review/preparation/maintenance of labs.																							AM, VMS	VSM	
7 Instruction delivery theory/ practical/ generation of self learning																							KAM	Class Coordinator	
8 Conduction of mid and end sem test/tutorial																							SDW	SPP / PRM	
9 a) Online Exam (only for SE)																							SDW	SPG / PMR	
b) In Sem Exam (only for TE/ BE)																							SDW	Asstt. Sup. / Dept. In sem exam coordinator	
10 Analysis of university result																							SDW	Class Teacher / Individual faculty	
11 a) Display defaulters list																							KAM	Class Teacher	
b) Send letters to parents																							KAM	Parent Teacher	
12 Parent meeting																							KAM	CBM & Parent Teacher	

Page 1 of 4

Modern Education Society's College of Engineering, Pune - 411 001
Department of Mechanical Engineering
Academic Year 2017-18 Term -I

Starting Date: - 15/06/2017   Concluding Date: - 18/10/2017

#	Activity	Resource person	Resources / Fund	Sign
13	Mentoring students	KAM	Class Coordinator Class Teacher/ Parent Teacher	
14	Library usage review	VJS	KDH / VJS	
15	Remedial classes	SDW	PRM / DDM	
16	BE Student project quality review	SPG	VSM / BRP	
17	Continuous Assesment /Journal Cerification	Class Coordinator	Individual faculty	
18	Submission of term work / In sem marks	SDW	SPP / PRM	
19	University practical exam	SDW	SPP / PRM / PBB / Individual faculty	
20	University theory exam	SDW	SPP / PRM / Individual faculty	
21	Next term work load distribution	HoD	SSJ / SPP/ KAM	
22	Feedback :Departmental	KAM	SJC / DDM	
23	Feedback :Individual Faculty	KAM	SJC / DDM	
24	Analysis of feedbacks	KAM	SJC /Individual faculty	
24	Preventive and corrective action based on feedback	HoD, SSS	Individual faculty	
26	Appraisal form	HoD	KDH / DDM / P Bhadake	
27	Time Table Preparation and Display	SSJ	Suhas S J / SPP / AAP	
28	Ambience- Class room, Laboratories	KAM	CBM	

(The activity timeline spans weeks W-1 to W20 across the months June, July, August, September and October. Row 17 "Continuous Assesment /Journal Cerification" is marked "Continuous Assessment" across the July–September columns.)

Modern Education Society's College of Engineering, Pune - 411 001
Department of Mechanical Engineering
Academic Year 2017-18 Term -I

Starting Date: - 15/06/2017   Concluding Date: - 18/10/2017

Month		June					July						August						September				October					Resource person	Resources Fund	Sign
Activity	W -1	W 0	W 1	W 2	W 3	W 4	W 5	W 6	W 7	W 8	W 9	W 10	W 11	W 12	W 13	W 14	W 15	W 16	W 17	W 18	W 19	W 20								
II Co-curricular																														
1 Display academic calendar																												HoD	Suhas S J / SPP/PRM	
2 DSR verification																												HoD	BDN	
3 Budget Preparation																												HoD	SPG / DDM / Lab I/cs	
4 Professional Society activity																												BDN	NNK	
5.a Conducting short term courses (Interaction with outside world:)	PLANNING																											AM, SRK	SRK / CBM	
5.b FDP [Staff]	PLANNING																											RNY	SHG / SPG / PSP	
5.c Guest Lectures																												CBM	VVT/SNS	
5.d Industrial visits																												VRV	NNK/PRM	
6 Student Association Activities : MESA, SAE, BAJA																												HSS	SRK / SJC / PSP	
7 Research/R&D/project proposal/ consultancy																												RNY	SHG / SPG / VSM	
8 Training of support staff	Departmental meeting to be conducted every week to review the instruction delivery and plan for the activities																											RNY	ARP / AAC	
9 Innovations/entrepreneurship initiavtive / publication of technical magazine / organizing paper contest/product design contest																												HSS , BDN	SPG / SJC / CBM / SRK	
10 Weekly Meeting - NBA / NAAC Preparation																												AM / SPG	HSS / VMS	
11 Entrepreneurship Development																												SRK	SPG / SRK	
12 Incubation Center																												VSM	VJS / SHG	
13 Grants & Revenue Generation																												SSJ / AM	Sushant S J / SRK	
14 National/International Conference																												BDN	AAP / PSP / SNS	
15 Publication Activity																												BDN	AAP / PSP / SNS	

Modern Education Society's College of Engineering, Pune - 411 001
Department of Mechanical Engineering
Academic Year 2017-18 Term -I

Starting Date: - 15/06/2017   Concluding Date: - 18/10/2017

		Month	June					July					August					September				October				Resource person	Resources	
		Activity	W -1	W 0	W 1	W 2	W 3	W 4	W 5	W 6	W 7	W 8	W 9	W 10	W 11	W 12	W 13	W 14	W 15	W 16	W 17	W 18	W 19	W 20	Resource person	Fund	Sign
III		Extra-Curricular																								HSS	BRP	
1		Days celebration																								BDN	VVT	
2		NSS																								SJC	SJC / NNK	
3		ROBO CLUB																								HSS	SSS / VSM / DDM	
4		College Magazine	to be released at the end of the academic year																							SHG, HSS	SSS / VSM / DDM	
5		News Letter	to be released at the end of the sem																							PBB	PBB	
6		Astitva																								SPG	PRM	
7		Students Medical Checkup (DSE)																										

12/06/2017
HOD

VICE PRINCIPAL

PRINCIPAL

Modern Education Society's College of Engineering, Pune
ACTIVITY CALENDAR

Department: - E&TC

Year: - 2017-18

Semester:-I

Starting Date: -15/6/17

Concluding Date :-18/10/17

	Month / Activity	Faculty Incharge	coordinator	group
I	**Academic**			
1	To set Objectives/Outcome /mapping of the course/dept AND assessement	MPD	MPD	BMN
2	To prepare content analysis/ lesson plan	HOD	AAD	FACULTY
3	To prepare/ review/ update lab manual	HOD	AAD	FACULTY
4	Conduction of test,assignment for CO(course outcomes defined as per NBA) attainment	HOD	PNK	PST,PMA
5	Review/preparation/maintenance of labs.	HOD	RSK	VHK / LAB INCHARGE+LAB ASSISTANT
6	Display timetable	HOD	RDM,MSM	RDM,Mrs.Londhe
7	Instruction_delivery	HOD	PHM	PST,PMA
8	Conduction of Class test/ tutorial	UDD	UVB	CT
9	Data preparation of university result	UDD	SSP	MM
10	Analysis of university result	UDD	SSP	MSM.MDK
11	Display defaulters list and send letters to parents	AAD	PPA	CT
12	Parent meeting	HOD	PPA	CT
13	Library usage review	RSK	PMA	SK
14	Remedial classes	UDD	RDM	
15	BE Student project	RSK	RSK	MDK
16	Journal assessment	HOD	HOD	CT,FACULTY
17	Submission of term work marks	UDD		Mrs.Londhe
18	University oral/pract	HOD	PMA	MM
19	University theory exam	UDD	UDD	PMA,MM
20	Next term work load distribution	HOD	HOD	
21	Feedback :Departmental/Individual/Analysis of feedbacks/Prevention and	PPM	AAD	MDK, MR.ASHIKANT, MR. DHEBE,CT
22	ME Coordinator	HOD	MPD	SND,PMA

Month columns (weeks): June W0 W1 W2 W3 — July W4 W5 W6 — August W7 W8 W9 W10 W11 — September W12 W13 W14 W15 — October W16 W17 W18 W19 — November W20 W21 W22 W23

Activity 4 markers: T1,A1 / T2,A2

Row 16 (Journal assessment): Continuous Assessment

Modern Education Society's College of Engineering, Pune
ACTIVITY CALENDAR

Department: - E&TC

Year: - 2017-18

Semester:-I

Starting Date: -15/6/17

Concluding Date :-18/10/17

	Month	June			July			August					September				October				November				Faculty Incharge	coordinator	group
	Activity	W0	W1	W2	W3	W4	W5	W6	W7	W8	W9	W10	W11	W12	W13	W14	W15	W16	W17	W18	W19	W20	W21	W22	W23			
II	**Co-curricular**																											
1	Prepare and Display academic calendar and monitoring																									HOD	AAD	PHM,PMA
2	DSR verification																									HOD	RSK	MDK+LAB ASSISTANTS
3	Budget Preparation																									HOD	MPD	RDM
4	Interaction with outside world: Industrial Visit																									HOD	PP	CT
5	Professional Societies activities																									PNK	RDM	MDK
6	Class rooms/labs/faculty rooms ambience																									HOD	PP	
7	conducting short-term courses/workshops)(Staff/student)																									HOD	YMA	CT,CLASS CO ORDINATORS
8	Student parenting and councelling																									HOD	PPA	PARENT TEACHERS
9	Dept. end sem report preparation, (web info updates)																									HOD	SSP	MM
10	Innovations/entrepreneurship initiative/Incubation /BWOW/R&D																									HOD	LKG	VHK,PMA
11	National /International conference																									HOD	MPD	PPM,KST
12	SE/TE Coordinators																									HOD	PHM(SE), YMA(TE), LG(BE)	FACULTY
13	Training and placement co-ordinator																									SND	RDM	
14	Compilation of NAAC/NBA document																									HOD	MPD	VHK,Mr.Dhebe, MSM,Mrs.Londhe
15	Consultancy/grants																									BMN	BMN	

Modern Education Society's College of Engineering, Pune

ACTIVITY CALENDAR

Year: - 2017-18

Department: - E&TC   Semester:- I

Starting Date: - 15/6/17   Concluding Date :- 18/10/17

		Month	June			July			August				September				October				November				Faculty Incharge	coordinator	group
		Activity	W 0	W 1	W 2	W 3	W 4	W 5	W 6	W 7	W 8	W 9	W 10	W 11	W 12	W 13	W 14	W 15	W 16	W 17	W 18	W 19	W 20	W 21	W 22	W 23			
III		Extra-Curricular																											
	1	Days celebration																									PPA	PP	PST
	2	ROBO CLUB																									PPA	PPA	
	3	News Letter , College magazine																									PPA	JSJ	
	4	Cultural activity/NSS/Sports																									PNK	LG/PHM/SSP	PMA
	5	ETSA,ASTITVA																									HOD	MMD(ETSA) ,LKG (ASTITVA)	CT
	6	Student welfare																									SSP	SSP	PP

NOTE: All coordinators should maintain semester wise reports.

CLASS TEACHER SUPPORT

SE- Mr.Shinde   TE -Mr.Dhebe
BE- Mr.Kate

PBC	Prof. P. B. Chopade	RSK	Prof. R. S. Kadam
MPD	Dr. M. P. Dale	SSP	Prof. S. S. Pansare
AJH	Dr. A. J. Hake	UVB	Prof. U. V. Bomble
PPM	Dr. P. P. Mane	NM	Prof. N. Masood
KST	Dr. K. S. Tiwari	YMA	Prof. Y. M. Ajgar
PNK	Prof. P. N. Kota	UDD	Prof.U.D.Dattasamje
BMN	Prof. B. M. Narute	MMD	Prof. M. M. Dhanvijay
SND	Prof.S.N.Dharwadkar	PMB	Prof. P. M. Bagul
AAD	Prof. A. A. Dhavlikar	PST	Prof. P. S. Tondewad

PHM	Prof. P. H. Mohite
LKG	Prof. L. K. Guttedar
RDM	Prof. R. D. Maknikar
PMP	Prof. P. M. Pardhi
PMA	Prof. P. M. Ambure
VHK	Prof. V. H. Kamble
MDK	Prof. M. D. Katole
MSM	Prof. M. S. Mali
VM	Prof. Vijayalakshmi. M

HOD

VICE PRINCIPAL

PRINCIPAL

Department: - E&TC
Starting Date: -18/12/17

Modern Education Society's College of Engineering, Pune
ACTIVITY CALENDAR

Year: - 2017-18
Concluding Date :-23/4/18

Semester:-II

#	Activity	Faculty Incharge	coordinator	group
I	**Academic**			
1	To set Objectives/Outcome /mapping of the course/dept AND assessement	MPD	MPD	BMN
2	To prepare content analysis/ lesson plan	HOD	AAD	FACULTY
3	To prepare/ review/ update lab manual	HOD	AAD	FACULTY
4	Conduction of test,assignment for CO(course outcomes defined as per NBA) attainment	HOD	PNK	UDD
5	Review/preparation/maintenance of labs.	HOD	RSK	VHK / LAB INCHARGE+LAB ASSISTANT
6	Display timetable	HOD	RDM	RDM,Mrs.Londhe
7	Instruction_delivery	HOD	PHM	PST
8	Conduction of Class test/ tutorial /QUIZ	UDD	MDK	CT
9	Data preparation of university result	SSP	SSP	MM
10	Analysis of university result	SSP	SSP	MM
11	Display defaulters list and send letters to parents	AAD	PST	CT
12	Parent meeting	HOD	PST	CT
13	Library usage review	RSK	VHK	SK
14	Remedial classes	UDD	RDM	
15	BE Student project	RSK	RSK	RAB,MML
16	Journal assesment	HOD	HOD	Pogram coordinators
17	Submission of term work marks	UDD	UVB	Mrs.Londhe
18	University oral/pract	HOD	UDD	MDK
19	University theory exam	UDD	HOD	MDK
20	Next term work load distribution	HOD	HOD	
21	Feedback :Departmental/Individual/Analysis of feedbacks/Preventive and corrective action based on feedback	PPM	AAD	MDK,Mr.Ashikant(configuration),CT(conduction), PROGRAM COORDINATORS(Distribution)
22	ME Coordinator	HOD	MPD	PMA

Month columns: DEC (W0, W1, W2), JAN (W3, W4, W5, W6), FEB (W7, W8, W9, W10, W11), MARCH (W12, W13, W14, W15), APRIL (W16, W17, W18, W19), MAY (W20, W21, W22)

Modern Education Society's College of Engineering, Pune
ACTIVITY CALENDAR

Department: - E&TC

Year: - 2017-18

Semester:- II

Starting Date: -18/12/17

Concluding Date :-23/4/18

Month columns: DEC (W0, W1, W2), JAN (W3, W4, W5), FEB (W6, W7, W8, W9, W10, W11, W12), MARCH (W13, W14, W15), APRIL (W16, W17, W18, W19, W20), MAY (W21, W22)

II	Activity	Faculty Incharge	coordinator	GROUP
	Co-curricular			
1	Prepare and Display academic calendar and monitoring	HOD	AAD	
2	DSR verification	HOD	PPM	PHM,PST
3	Budget Preparation	HOD	MPD	MDK+LAB ASSISTANTS
4	Interaction with outside world\ coordinator centre of Excellence	NM	NM	RDM
5	Industrial Visit	HOD	PPM	CT,RAB,MML,PDN,SG
6	Professional Societies activities	PNK	RDM	MDK
7	Class rooms/labs/faculty rooms ambience	HOD	PP	
8	conducting short-term courses/workshops for students	NM	YMA	CT,CLASS CO ORDINATORS
9	Student parenting and councelling	HOD	PST	PARENT TEACHERS
10	Dept. end sem report preparation, (web info updates)	HOD	SSP	MM
11	Innovations/entrepreneurship intitiative/Incubation /BWOW/R&D	HOD	LKG	VHK,PMA,SG
12	National /International conference	HOD	PPM,AAD	FACULTY
13	SE/TE/BE Coordinators	HOD	PHM(SE), PNK(TE), YMA(BE)	FACULTY
14	Training and placement co-ordinator	SND	RDM	
15	Compilation of NAAC/NBA document	HOD	MPD	VHK,MSM,MrDhebe,Mrs.Londhe
16	Consultancy/grants	BMN	BMN	

Modern Education Society's College of Engineering, Pune
ACTIVITY CALENDAR

Department: - E&TC

Year: - 2017-18

Semester:-II

Starting Date: -18/12/17   Concluding Date :-23/4/18

	Activity	DEC		JAN				FEB					MARCH				APRIL				MAY		Faculty Incharge	coordinator	group
	Month	W 0	W 1	W 2	W 3	W 4	W 5	W 6	W 7	W 8	W 9	W 10	W 11	W 12	W 13	W 14	W 15	W 16	W 17	W 18	W 19	W 20	W 21	W 22		
III	**Extra-Curricular**																										
1	Days celebration																								VHK	PP	RAB,PDN,SG
2	ROBO CLUB																								VHK	VHK	
3	News Letter , College magazine																								PP	PP	MML
4	Cultural activity/NSS/Sports																								PNK	LG/PHM/SSP	RAB,PDN,SG
5	ETSA,ASTITVA																								HOD	KST(ETSA) , YMA (ASTITVA)	CT
6	Student welfare																								SSP	UDD	PP,RAB

CLASS TEACHER SUPPORT

SE- Mr.Shinde   TE -Mr.Dhebe

BE- Mr.Kate

NOTE: All coordinators should maintain semester wise reports.

PBC	Prof. P. B. Chopade	RSK	Prof. R. S. Kadam
MPD	Dr. M. P. Dale	SSP	Prof. S. S. Pansare
AJH	Dr. A. J. Hake	UVB	Prof. U. V. Bomble
PPM	Dr. P. P. Mane	NM	Prof. N. Masood
KST	Dr. K. S. Tiwari	YMA	Prof. Y. M. Ajgar
PNK	Prof. P. N. Kota	UDD	Prof.U.D.Dattasamje
BMN	Prof. B. M. Narute	MMD	Prof. M. M. Dhanvijay
SND	Prof.S.N.Dharwadkar	PMB	Prof. P. M. Bagul
AAD	Prof. A. A. Dhavlikar	PST	Prof. P. S. Tondewad

PHM	Prof. P. H. Mohite	PDN	Prof. P.D. Nandanwar
LKG	Prof. L. K. Guttedar	RAB	Prof. R.A.BAL
RDM	Prof. R. D. Maknikar	SG	S. Girawale
PMP	Prof. P. M. Pardhi		
PMA	Prof. P. M. Ambure		
VHK	Prof. V. H. Kamble		
MDK	Prof. M. D. Katole		
MSM	Prof. M. S. Mali		
MML	Prof.M.M.Larthe		

HOD

VICE PRINCIPAL

PRINCIPAL

Annexure-III

Feedback from Stakeholders-Analysis

Modern Education Society's College of Engineering, Pune - 411 001.

Alumni Survey on Computer Engineering Program

By answering this survey / questionnaire, you will be assisting us for attainment of Program Educational Objective (PEO) of Computer Engineering Department, as per Guide lines given by National Board of Accreditation NBA.

MESCOE Graduate Information

Name: _____ REEMA. _____ SEKARAN
                 Last   First   Middle

Year of Passing: 2017   Total Experience: [   ] years

Mobile No.: 9657540222

Email ID: reemsekar@gmail.com.

Current and Past Employment Information

1. Present Employer Name: Aptify   Designation: Software Engineer.

2. Past Employer Name: _____ Designation: _____

3. Past Employer Name: _____ Designation: _____

4. Awards And Achivement in your Professional Career:

5. Whether placed through the campus?   Yes [ ]   No [✓]

6. If yes, name of organization:

Professional Development

7. Have you Continued your Education in Higher Studies: Yes [ ]   No [✓]

8. If yes, title of program:

9. College / University:

10. Has Degree been completed: Yes [ ]   No [ ]
    If yes, year of passing -

11. Have you continued knowledge up gradation courses in your field or related one?   Yes [ ]   No [ ]
    If yes, please list the courses

12. Other achievement in your Professional Career

13. Based on your Professional Experience and Knowledge suggest any thoughts, comments related to Engineering program.

Attainment of Program Evaluation Objectives (PEO's)

PEO I: The program will produce graduates who are professionally trained in providing solutions to business needs

1a. I believe this is an important objective for Computer engineering program				Yes	No
1b. This objective was met for me personally	Strongly Agree (5)	Agree(4)	Neutral/ No opinion (3)	Disagree (2)	Strongly Disagree(1)
1c. Your personal Comment and suggestion related to this objective:					

PEO II: The program will produce graduates having research aptitude and an approach to problem solving

1a. I believe this is an important objective for Computer engineering program				Yes	No
1b. This objective was met for me personally	Strongly Agree (5)	Agree(4)	Neutral/ No opinion (3)	Disagree (2)	Strongly Disagree(1)
1c. Your personal Comment and suggestion related to this objective:					

PEO III: The program will give graduates an understanding of software and hardware systems and their applications.

1a. I believe this is an important objective for Computer engineering program				Yes	No
1b. This objective was met for me personally	Strongly Agree (5)	Agree(4)	Neutral/ No opinion (3)	Disagree (2)	Strongly Disagree(1)
1c. Your personal Comment and suggestion related to this objective:					

PEO IV: The program will produce graduates who are able to work in a team and have soft skills with good communication and ethical values.

1a. I believe this is an important objective for Computer engineering program				Yes	No
1b. This objective was met for me personally	Strongly Agree (5)	Agree(4)	Neutral/ No opinion (3)	Disagree (2)	Strongly Disagree(1)
1c. Your personal Comment and suggestion related to this objective:					

PEO V: The program will prepare graduates for life-long learning

1a. I believe this is an important objective for Computer engineering program				Yes	No
1b. This objective was met for me personally	Strongly Agree (5)	Agree(4)	Neutral/ No opinion (3)	Disagree (2)	Strongly Disagree(1)
1c. Your personal Comment and suggestion related to this objective:					

Place: Pune
Date: 7.4.78

Sign

MODERN EDUCATION SOCIETY'S

COLLEGE OF ENGINEERING

WADIA COLLEGE CAMPUS, 19 LATE PRIN. V. K. JOAG PATH, PUNE-411001

Date : Wednesday, February 21, 2018

ONLINE FEEDBACK

Domain :- SUBJECT TEACHERS   Feedback Of :- SEIInd SHIFT-TH-MP-G.B.Aochar

The scale:- 1 - 2 (Very poor), 3 - 4 (Poor), 5 - 6 (Average), 7 - 8 (Good), 9 - 10 (Very Good).

Q No.	Question	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	Total Students	AVG
1	Lectures were conducted on time and in time uniformly during the term	2	0	0	0	1	0	3	6	13	28	53	8.9
2	Presentation , clarity of speech tone and confidence in delivery of lectures	2	0	0	0	0	1	2	7	14	27	53	8.9
3	Lectures started with review of last and ended with summary of present	2	0	0	0	0	0	3	6	15	27	53	9
4	Clarity in technical concepts, ideas and relevant examples during lectures	2	0	0	0	0	0	2	7	14	28	53	9
5	Faculty was available to solve difficulties, motivated to learn the engineering concepts.	2	0	0	0	0	0	3	6	16	26	53	9
6	Do you understand lectures delivered by the teacher?	2	0	0	0	0	0	2	5	12	32	53	9.1
7	Percentage of university syllabus was covered in the class and in other forms(e.g 80% syllabus- Grade-8)	2	0	0	0	0	0	2	4	15	30	53	9.1

21-Feb-18 8:43 AM

Department Of Computer Engineering
Individual Feedback Analysis
MID SEM

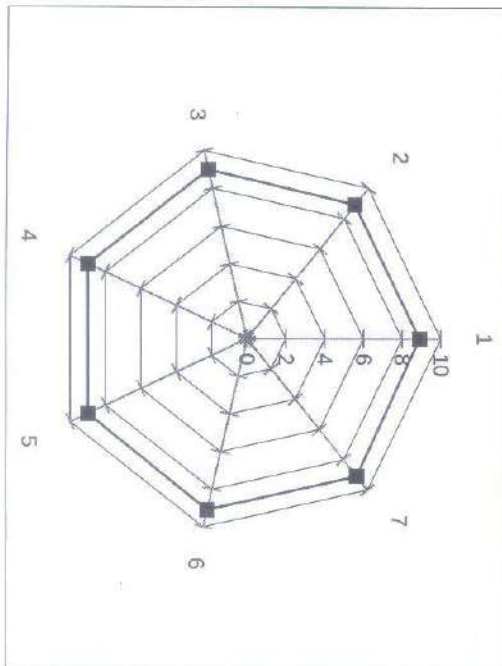Class :- SE IInd S Subject:- Microprocessor

Sem : II   Date:-   23/04/2018

Subject Teacher: Mr. G. B. Aochar

No. Of Students appeared for feedback:-53

Question Number	1	2	3	4	5	6	7
Average	8.9	8.9	9	9	9	9.1	9.1

Staff Signature

HOD Signature

Strength: Punctual,Explanation of topic in Layman term,involvement of students in teaching learning process, persoanl attention on each student ,PPT presentations are prepared and circulated among students,Timely and uniform lecture delivery,Lecture started with review of last lecture and ended with summary of present lecture.

Weakness: Due to limited time for syllabus complition not able to cover content beyond the syllabus.

Corrective Actions: i will definately motivate the students for learning a new engineering concepts,
I will try to cope up with students for solving their difficulties.