YEARLY STATUS REPORT - 2023-2024

Part A	
Data of the Institution	
1.Name of the Institution	Modern Education Society's Wadia College of Engineering, Pune.
• Name of the Head of the institution	Dr. Manisha P. Dale
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	02026163831
• Mobile no	9422362809
• Registered e-mail	principal@mescoepune.org
• Alternate e-mail	mescoenaac@gmail.com
• Address	19, Late Prin. V.K. Joag Path, Band Garden Road, Pune- 01.
• City/Town	Pune
• State/UT	Maharashtra
• Pin Code	411001
2.Institutional status	
• Affiliated /Constituent	Affiliated
• Type of Institution	Co-education
• Location	Urban

• Financial Status	**Self-financing**
• Name of the Affiliating University	**Savitribai Phule Pune University, Pune**
• Name of the IQAC Coordinator	**Dr. Pranoti Prashant Mane**
• Phone No.	**02026163831**
• Alternate phone No.	**02026160781**
• Mobile	**8806661816**
• IQAC e-mail address	**pranoti.mane@mescoepune.org**
• Alternate Email address	**mescoenaac@gmail.com**
3.Website address (Web link of the AQAR (Previous Academic Year)	https://mescoe.mespune.org/national-assessment-and-accreditation-council/#abouttab4
4.Whether Academic Calendar prepared during the year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	https://mescoe.mespune.org/wp-content/uploads/2024/03/Academic-Calendar-2023-24-Sem-I.pdf

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**A**	**3.13**	**2015**	**14/09/2015**	**13/09/2020**
Cycle 2	**A++**	**3.54**	**2022**	**11/10/2022**	**10/10/2027**

6.Date of Establishment of IQAC	**13/12/2014**

7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Dr. M.P.Dale, Ms. Vaishali Kamble	**Research**	**Department of Science and Technology**	**06-09-2021 - 05-09-2024**	**24,98,000/-**

8.Whether composition of IQAC as per latest NAAC guidelines	Yes	
• Upload latest notification of formation of IQAC	View File	
9.No. of IQAC meetings held during the year	2	
• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?	Yes	
• If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded	
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No	
• If yes, mention the amount		

11.Significant contributions made by IQAC during the current year (maximum five bullets)

The institution systematically reviews its teaching-learning process, structures, methodologies, and learning outcomes at regular intervals to ensure continuous improvement. This is achieved through the Internal Quality Assurance Cell (IQAC), established as per the prescribed norms. The IQAC plays a vital role in evaluating and enhancing the academic and operational frameworks of the institution.

Report Preparation for NBA, NIRF and NAAC.

Periodic reviews are conducted by the IQAC through principal meeting with HOD and Dean to assess the effectiveness of teaching strategies, curriculum delivery, Feedback and student performance.

The institution has recorded incremental improvements across various activities through this continuous review process. These include the introduction of innovative teaching methods, better utilization of technology, enhanced faculty development programs, and improved student support systems.

measurable improvements in student learning outcomes, such as higher

pass rates and better academic performance, have been documented.

12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
Industry-Institute Interaction	Institution has taken initiative to interact with various industries through the Industry Institute Interaction committee that maintains professional relations with industries.
Student Skill Development	Soft skills training, exclusive counseling sessions, and access to additional resources.
Teaching-Learning Review	CO-based tests, assignments, and tutorials. Continuous internal evaluation for practicals and term work based on punctuality, attendance, and performance. Mock exams for theory, practicals, and project reviews.
Workshops and Webinars	Internal assessments, including assignments, quizzes, and seminars, are integral to CIE. The assessment process is well-defined and adheres to the academic schedule.
Institution Innovation Council	Ministry of Education (MoE), Govt. of India has established 'MoE's Innovation Cell (MIC)' to foster the culture of Innovation among all Higher Education Institutions (HEIs). The Institution's Innovation Council (IIC MESCOE) has been established.IIC-MESCOE activity areas – Startup, Innovation, IPR and Internship.

13.Whether the AQAR was placed before statutory body?	**Yes**

- Name of the statutory body

Name	Date of meeting(s)
IQAC	14/01/2025

14. Whether institutional data submitted to AISHE

Year	Date of Submission
2022-23	15/02/2024

15. Multidisciplinary / interdisciplinary

The students are main stakeholders of the institute, so there is maximum involvement of students in various activities and committees. There are student representatives in various committees like Anti-Ragging Committee, Internal committee, IQAC etc. to contribute in fulfilling administrative responsibilities. Also there is Alumni Representative in Departmental Advisory Board .College has Student Development committee under board of student development of SPPU. Co-curricular and extracurricular Activities ·As co-curricular activities students are dynamically involving in various clubs like Robo club, designers club, Nakshatra astronomy club, enthusiast club, Google developer club etc. and participate and win prizes every year in various inter-college/university competitions. .All the departments have student association: Association of Computer Engineers (ACE),Electronics & Telecommunication Engineering Students' Association (ETSA), Mechanical Engineering Students' Association (MESA). It provides platform for students to apply their knowledge and develops their skills. Under these associations various activities are organized comprising of various technical competitions like Walk through the gates, Knowelex, Technical Quiz, Ohm-factor, workshop on mobile assembling etc. Additionally, college encourages students to participate in National and International technical events like Techfest (IIT Bombay), Robo Con, BAJA by SAE India etc with financial assistance and infrastructural facilities.

16. Academic bank of credits (ABC):

Credit means the Standard Methodology of Calculating one hour of theory or one hour of tutorial or two hours of laboratory work, per week for a duration of a semester (30-15 weeks) resulting in the award of one credit; which is awarded by a higher educational institution. Credits for internship shall be one credit per one week

of internship, subject to a maximum of six credits. In SPPU, the ABC platform is a virtual repository or credit database built along the lines of the National Academic Depository, created and maintained by the Ministry of Electronics and Information Technology, that would "store" the credit scores obtained by students in an online platform. Students will have their own accounts, each with their own ABC ID, as well as a dashboard where they can track their credit accumulation, transfer requests, and credit history. Students can also perform credit transfer initiation requests and a follow-up view request status effectively, just like in a traditional bank. In a nutshell, the ABC will make it easier to recognize, transfer, and redeem credits. Many students from our institute availed this facility.

17.Skill development:

Departments provide platforms for students to acquire modern skills and values, promoting creativity, problem-solving, and lifelong learning. Experiential Learning includes laboratory sessions, projects on advanced technologies, technical fests, and industrial visits to enhance practical knowledge. Participatory Learning involves seminars, group discussions, quizzes, cultural programs, club activities and skill-based courses that develop technical, creative, and communication skills. Industry Connect: Guest lectures and expert talks in digitally equipped seminar room

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

The Institition organizes activities that strengthen our constitutional values and deepen our allegiance and responsibility towards our nation. The National Service Scheme (NSS) and Board of Student Development are two integral bodies under SPPU that commit to programs and activities to inculcate constitutional obligations and patriotism among students and staff. The college fosters community responsibility by organizing blood donation camps routinely. In every camp, around 100 volunteers donate blood. The college renders national service by organizing road-safety awareness programs routinely. Students are informed about traffic rules and regulations and instill the importance of safeguarding human life. To promote a sustainable environment, Swatch Bharat campaigns and Tree Plantation drives are organized. To protect human lives and property of the college during a disaster, MESWCoE organized disaster management workshops. The college also organized awareness drives and mock drills for disaster management in association with the NDRF team. MESWCoE organizes a seminar on "Intellectual Property Rights" to create awareness about copyright, plagiarism, patenting,

trademark, and several other related aspects to cultivate professional ethics. The college enshrines the sovereign and democratic values of our nation by commemorating the Independence Day and the Republic Day annually. Constitution Day is celebrated every year in college. Modern Education Society's Wadia College of Engineering celebrates national and international commemorative days to implant constitutional responsibilities, to engrain patriotic spirit and to encourage unity among fellow citizens. Day Celebrations: 1. Independence Day and Republic Day are celebrated in the college by hoisting the Indian flag. 2. International Women's Day is celebrated on 8th March. 3. International Yoga Day is celebrated on 21th June. 4. Teachers Day is celebrated on 5th September. 5. Engineers Day is celebrated on 15 th September by organizing various activities like expert talk on advanced technology, eco-social roles of engineers in society. 6. Gandhi Jayanti Celebrated on 2nd October.

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

The department formulates POs, PSOs, and COs through extensive consultation with faculty members and stakeholders, adhering to the principles of Outcome-Based Education (OBE). Once a consensus is achieved, the outcomes are widely disseminated using the following methods: Department website Notice boards Laboratories and library Induction programs Faculty meetings Parent meetings Alumni interactions The Head of Department (HOD) and faculty members actively inform students about these outcomes, emphasizing their significance in achieving academic and professional goals. PSOs, which specify the skills and competencies students must acquire by the program's completion, are collaboratively developed by program coordinators and course coordinators. These PSOs undergo review and approval by the department's Advisory body before final authorization by the Principal. This structured process ensures that all stakeholders are aligned with the educational objectives and that students clearly understand the expectations and outcomes of their program. The attainment of Program Outcomes (POs) and Program Specific Outcomes (PSOs) is achieved through a well-structured curriculum. Course Outcomes (COs) are defined for each course and mapped to POs and PSOs, forming the basis for their evaluation. A set of performance criteria is used to quantitatively assess COs, which in turn validates the attainment of POs and PSOs. CO Attainment Direct Assessment Methods: Continuous Assessment: COs are evaluated through tests, tutorials, assignments, examinations, and lab records. Each question is mapped to relevant COs, and an analysis is documented in the Faculty Course Assessment Report (FCAR). Contributions are categorized as high, moderate, or low.

Semester-End Examinations: The average marks from theory examinations are considered for CO attainment. Laboratory Records: Continuous and semester-end assessments are used to evaluate CO attainment in lab courses. Indirect Assessment Methods: Course Exit Survey:Feedback from students at semester-end provides insights into CO attainment. Guest Lectures: Organized to enhance course understanding and bridge gaps. PO/PSO Attainment Direct Assessment:Aggregated CO contributions across courses determine direct PO/PSO attainment. Indirect Assessment: Graduate Exit Survey:Conducted with final-year students to assess POs/PSOs comprehensively. Alumni Survey:Annual feedback from alumni evaluates PO attainment in real-world contexts. The department ensures all assessments are systematically documented and evaluated.

20.Distance education/online education:

Encouragement for enrollment in add-on courses. The institute integrates innovative methods like hackathons, virtual labs, flipped classrooms, peer learning, and online MS teams platformto complement traditional techniques. These diverse strategies foster participative, experiential, and problem-solving learning, preparing students to excel academically and professionally. Online Platforms: Zoom, Google Meet, Microsoft Teams, Google Classroom. MOOCs: Platforms like NPTEL, Coursera, and Udemy for self-paced learning. Online Quizzes: Conducted via Google Forms. Online Competitions: Events like poster-making, debates, and quizzes. Workshops: Covering programming, simulations, and modern tools . Through these tools, the institute ensures a robust, technology-driven education experience.

Extended Profile

1.Programme

1.1   **312**

Number of courses offered by the institution across all programs
during the year

File Description	Documents
Data Template	[View File](#)

2.Student

2.1   **1911**

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2   **250**

Number of seats earmarked for reserved category as per GOI/ State
Govt. rule during the year

File Description	Documents
Data Template	View File

2.3   **409**

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	View File

3.Academic

3.1   **99**

Number of full time teachers during the year

File Description	Documents
Data Template	View File

3.2   **120**

Number of sanctioned posts during the year

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	**312**

File Description	Documents
Data Template	View File

2.Student

2.1 Number of students during the year	**1911**

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	**250**

File Description	Documents
Data Template	View File

2.3 Number of outgoing/ final year students during the year	**409**

File Description	Documents
Data Template	View File

3.Academic

3.1 Number of full time teachers during the year	**99**

File Description	Documents
Data Template	View File

3.2 Number of sanctioned posts during the year	**120**

File Description	Documents
Data Template	<u>View File</u>

4.Institution

4.1 Total number of Classrooms and Seminar halls	**25**
4.2 Total expenditure excluding salary during the year (INR in lakhs)	**406.27**
4.3 Total number of computers on campus for academic purposes	**771**

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

The institute, affiliated with SPPU, Pune (Maharashtra, INDIA), follows the university's curriculum and syllabus. The Principal collaborates with department heads to strategize curriculum implementation.

Department heads regularly review syllabus progress through meetings, and the Principal, Dean, HOD, and Academic Committee frequently assess semester progress and provide suggestions for improvement. The academic calendar, defined by SPPU, consists of a 16-week schedule for each semester. An activity and load distribution calendar is finalized before the semester begins and displayed on the notice board and website.

To enhance teaching methods, faculty members prepare content analyses in advance, which are included in course files. ICT tools such as online video lectures from IITs, NPTEL resources, and workshops are incorporated alongside traditional methods. Industry

visits, group discussions, quizzes, and surprise tests further support learning.

Students work in groups for experiments, with faculty providing guidance. Continuous assessments monitor individual performance. All engineering programs have well-equipped laboratories as per the SPPU syllabus.

Students are categorized as bright or weak based on classroom performance. Weak students receive additional support through remedial classes. Feedback is gathered periodically, and online teaching through Microsoft Teams is conducted, particularly during the pandemic. The institute also provides access to IIT Bombay's Virtual Lab for remote experiments.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	Nil

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

At MESWCOE, the academic calendar is rigorously followed to ensure the effective execution of Continuous Internal Evaluation (CIE). As per SPPU, CIE includes internal assessments, final term work, laboratory journals, mini-projects, seminars, and final year projects.

For each course, a detailed theory and practical content analysis is prepared, and course delivery is monitored for continuous improvement. Student progress in theory classes is assessed through mid-semester and end-semester tests.

At the beginning of each semester, the Heads of Departments convene to prepare the Academic Calendar, which is based on the SPPU academic calendar. The finalized calendar is shared with faculty to aid in planning course execution.

Internal assessments, including assignments, quizzes, and seminars, are integral to CIE. The assessment process is well-defined and adheres to the academic schedule. Course instructors design internal assessment papers using revised Bloom's Taxonomy, which are reviewed by the stream coordinator and approved by the department head. The examination committee publishes the internal assessment timetable, and tests are conducted as planned. Afterward, answer scripts are evaluated, and CO-PO/PSO attainment is calculated by the respective course teacher. Continuous evaluation also takes place for laboratory courses, projects, and seminars.

Various departmental and central committees monitor the progress of activities outlined in the calendar. After each task, completion reports are generated. In collaboration with SPPU, the institute offered Honor courses to TE and BE students in the 2023-24 academic year.

File Description	Documents
Upload relevant supporting document	[View File]()
Link for Additional information	Nil

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

B. Any 3 of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

122

File Description	Documents
Any additional information	**No File Uploaded**
Minutes of relevant Academic Council/ BOS meetings	**No File Uploaded**
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

60

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

1920

File Description	Documents
Any additional information	[View File]()
Details of the students enrolled in Subjects related to certificate/Add-on programs	[View File]()

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

Education lays a strong foundation for personal and professional growth, but certain principles guide individuals toward ethical behavior. These core values are essential for all. To introduce students to these values, SPPU has integrated cross-cutting issues such as Professional Ethics, Gender, Human Values, Environment, and Sustainability into the curriculum from FE to BE.

The mandatory courses addressing these topics include:

- Audit Courses 1 & 2 focusing on ecology, environmental issues, causes, effects, and preventive measures.
- Democracy, Election, and Governance introduces students to the Constitution of India and various democracy models.
- Audit Courses 3, 4, 5 & 6, where students select from various courses in their second and third years. Additionally, students are encouraged to choose two non-credit courses from a university-provided list, earning a grade (AP) that is included in their results.

An orientation program for first-year students introduces campus life and raises awareness of these issues. Beyond the curriculum, the college organizes programs such as personality development and self-defense for girls, as well as workshops on girls' health.

The campus has energy-saving initiatives like solar water heaters, solar electricity plants, biogas, sensor-based lighting, and LED bulbs. Environmentally-friendly projects include vermicomposting and rainwater harvesting. NSS activities promote values like kindness, honesty, and respect, along with blood donation, road safety, and Swachh Bharat campaigns.

File Description	Documents
Any additional information	**No File Uploaded**
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	[View File](#)

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

100

File Description	Documents
Any additional information	[View File](#)
Programme / Curriculum/ Syllabus of the courses	[View File](#)
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	**No File Uploaded**
MoU's with relevant organizations for these courses, if any	**No File Uploaded**
Institutional Data in Prescribed Format	[View File](#)

1.3.3 - Number of students undertaking project work/field work/ internships

1920

File Description	Documents
Any additional information	[View File](#)
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	[View File](#)

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution

B. Any 3 of the above

from the following stakeholders Students Teachers Employers Alumni

File Description	Documents
URL for stakeholder feedback report	**Nil**
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	**No File Uploaded**
Any additional information	View File

1.4.2 - Feedback process of the Institution may be classified as follows　　**B. Feedback collected, analyzed and action has been taken**

File Description	Documents
Upload any additional information	View File
URL for feedback report	**Nil**

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

412

File Description	Documents
Any additional information	**No File Uploaded**
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

229

File Description	Documents
Any additional information	**No File Uploaded**
Number of seats filled against seats reserved (Data Template)	[View File](#)

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

Teachers assess student learning through a range of indicators, including participation in class discussions, performance in class tests, assignments, tutorials, and quizzes. These methods provide valuable insights into student progress across all courses.

Teaching Approach: The MESWCOE faculty blends traditional teaching methods with modern technological tools, ensuring effective online and hybrid learning, particularly during the pandemic.

Support for Slow Learners:

- **Remedial classes, extra lectures, and practical sessions to strengthen understanding.**
- **Personalized attention, mentoring, and counseling.**
- **Provision of assignments, question banks, model answers, and exam preparation materials.**
- **Soft skills training, exclusive counseling sessions, and access to additional resources.**

Support for Advanced Learners:

- **Opportunities to participate in co-curricular activities, sports, and NSS initiatives.**
- **Guidance for research projects, journal publications, and acquiring grants.**
- **Recognition for academic excellence, event participation, and innovation.**
- **Encouragement for higher studies, industrial exposure, and enrollment in add-on courses.**

Holistic Student Development: Students benefit from counseling services, access to comprehensive lecture materials, a

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	[View File](#)

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
1911	**99**

File Description	Documents
Any additional information	**No File Uploaded**

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

The faculty employs diverse teaching-learning methods such as lectures, interactive sessions, project-based learning, smart board-assisted instruction, and experiential learning to create an engaging academic environment. These activities are enriched through illustrative techniques, special lectures, and PowerPoint presentations, ensuring a balance between traditional and modern approaches.

Lecture Method facilitates comprehensive subject understanding by interpreting and revising key concepts. The Interactive Method involves group discussions, quizzes,seminars,workshops and Q&A sessions, fostering active participation and engagement.

Departments provide platforms for students to acquire modern skills and values, promoting creativity, problem-solving, and lifelong learning. Experiential Learning includes laboratory sessions, projects on advanced technologies, technical fests, and industrial visits to enhance practical knowledge. Participatory Learning involves seminars, group discussions, quizzes, cultural programs, club activities and skill-based courses that develop technical, creative, and communication skills.

For Problem-Solving, initiatives such as expert lectures, technical tests, mini projects, case studies, debates, and class presentations build critical thinking and analytical abilities.

The institute integrates innovative methods like hackathons, virtual labs, flipped classrooms, peer learning, and online MS teams platformto complement traditional techniques. These diverse strategies foster participative, experiential, and problem-solving learning, preparing students to excel academically and professionally.

File Description	Documents
Upload any additional information	**No File Uploaded**
Link for additional information	https://mescoe.mespune.org/wp-content/uploads/2024/12/accet_2023.pdf

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

In today's fast-paced technological landscape, mastering the latest tools is essential for students to be corporate-ready. To meet this need, teachers integrate Information and Communication Technology (ICT) tools with traditional teaching methods, enhancing student engagement and promoting long-term learning. The institute employs various ICT tools to optimize education delivery and foster a dynamic learning environment.

ICT Tools at the Institute:

1. Projectors: More than 20 projectors across classrooms and labs.
2. Desktops :Available in computer labs and faculty cabins.
3. Printers and Scanners: Installed in labs, HOD cabins, and key locations.
4. Seminar Rooms: One seminar halls with PA system and digital facilities.
5. Smart Board: Installed for interactive learning.
6. Online Platforms: Zoom, Google Meet, Microsoft Teams, Google Classroom.
7. MOOCs: Platforms like NPTEL, Coursera, and Udemy for self-paced learning.

Faculty Use of ICT:

- PowerPoint Presentations: Prepared using digital libraries and search engines.
- Industry Connect: Guest lectures and expert talks in

digitally equipped seminar room.
- **Online Quizzes: Conducted via Google Forms.**
- **Online Competitions: Events like poster-making, debates, and quizzes.**
- **Workshops: Covering programming, simulations, and modern tools .**

Through these tools, the institute ensures a robust, technology-driven education experience.

File Description	Documents
Upload any additional information	[View File](#)
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	[View File](#)

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

99

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	[View File](#)
Circulars pertaining to assigning mentors to mentees	**No File Uploaded**
Mentor/mentee ratio	**No File Uploaded**

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

99

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	**No File Uploaded**
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

37

File Description	Documents
Any additional information	**No File Uploaded**
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

980

File Description	Documents
Any additional information	**No File Uploaded**
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The institute, affiliated with Savitribai Phule Pune University (SPPU), adheres to its evaluation reforms to ensure academic excellence.

Major Reforms by SPPU:

1. Appointment of CEO: A senior faculty member is appointed as the College Exam Officer (CEO) to oversee all examinations. The examination committee, led by the principal, includes the CEO, departmental coordinators, and office staff. Exams, both internal and external, follow the university's choice- and credit-based system.

2. In-Sem Examinations:

    o   Subjective exams (30 marks) are conducted for UG (First to Final Year) and PG students.
    o   During the pandemic, online exams were conducted using Microsoft Teams, with internal teachers designing multiple-choice question papers. Proctored exams were held batch-wise.

3. End-Sem Examinations:

    o   SPPU conducts end-semester exams for UG (70 marks) and PG students (50 marks).

Institute-Level Assessment Practices:

- CO-based tests, assignments, and tutorials.
- Continuous internal evaluation for practicals and term work based on punctuality, attendance, and performance.
- Mock exams for theory, practicals, and project reviews.

All assessments are conducted transparently under the CEO's guidance. Students are informed of their scores, provided model solutions, and counseled if needed. Project reviews are emphasized, aligning with SPPU's project-based learning approach.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	Nil

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

The institute has established an efficient and transparent mechanism to address examination-related grievances. The college strictly adheres to the guidelines and regulations issued by the affiliating university(SPPU) for conducting internal assessments and semester-end examinations.

Department-Level Grievance Redressal:

Each department appoints a faculty member as the Department Exam Coordinator, who is part of the CEO team. This coordinator addresses student concerns at the departmental level by consulting with the respective faculty and Head of the Department (HOD).

Faculty members discuss queries with students, explaining model answers and the marking scheme. If the issue remains unresolved, it is escalated to the Principal, who provides appropriate guidelines for resolution.

Institute-Level Grievance Redressal:

Grievances related to university examinations, such as revaluation or photocopies of answer sheets, are managed by the College Examination Officer (CEO) and the examination section. The CEO forwards unresolved queries to SPPU for action, ensuring that updates are communicated to students and faculty.

Internal marks are entered through the SPPU portal, with appointments managed by HODs along with departemnt coordinators. Verified and authenticated marksheets are collected by the Department Coordinator and submitted to the CEO's office for record-keeping and issue resolution.

This system fosters transparency and accountability while ensuring student grievances are addressed efficiently.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

The department formulates POs, PSOs, and COs through extensive consultation with faculty members and stakeholders, adhering to the principles of Outcome-Based Education (OBE). Once a consensus is achieved, the outcomes are widely disseminated using the following methods:

- Department website
- Notice boards
- Laboratories and library
- Induction programs
- Faculty meetings
- Parent meetings
- Alumni interactions

The Head of Department (HOD) and faculty members actively inform students about these outcomes, emphasizing their significance in achieving academic and professional goals.

PSOs, which specify the skills and competencies students must acquire by the program's completion, are collaboratively developed by program coordinators and course coordinators. These PSOs undergo review and approval by the department's Advisory body before final authorization by the Principal.

This structured process ensures that all stakeholders are aligned with the educational objectives and that students clearly understand the expectations and outcomes of their program.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	Nil
Upload COs for all Programmes (exemplars from Glossary)	No File Uploaded

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

The attainment of Program Outcomes (POs) and Program Specific Outcomes (PSOs) is achieved through a well-structured curriculum. Course Outcomes (COs) are defined for each course and mapped to POs and PSOs, forming the basis for their evaluation. A set of performance criteria is used to quantitatively assess COs, which in turn validates the attainment of POs and PSOs.

CO Attainment

Direct Assessment Methods:

1. Continuous Assessment:
   - COs are evaluated through tests, tutorials, assignments, examinations, and lab records.
   - Each question is mapped to relevant COs, and an analysis is documented in the Faculty Course Assessment Report (FCAR). Contributions are categorized as high, moderate, or low.
2. Semester-End Examinations:
   - The average marks from theory examinations are considered for CO attainment.
3. Laboratory Records:
   - Continuous and semester-end assessments are used to evaluate CO attainment in lab courses.

Indirect Assessment Methods:

1. Course Exit Survey:
   - Feedback from students at semester-end provides insights into CO attainment.
2. Guest Lectures:
   - Organized to enhance course understanding and bridge gaps.

PO/PSO Attainment

Direct Assessment:

- Aggregated CO contributions across courses determine direct PO/PSO attainment.

Indirect Assessment:

1. Graduate Exit Survey:
    - Conducted with final-year students to assess POs/PSOs comprehensively.
2. Alumni Survey:
    - Annual feedback from alumni evaluates PO attainment in real-world contexts.

The department ensures all assessments are systematically documented and evaluated.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	Nil

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

402

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	**Nil**

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

https://mescoe.mespune.org/wp-content/uploads/2024/12/MESWCOE-Students-Satisfaction-Survey-2023-2024-Responses.xlsx

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.51373

File Description	Documents
Any additional information	**No File Uploaded**
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

04

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

1

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	**No File Uploaded**
Supporting document from Funding Agency	View File
Paste link to funding agency website	**Nil**

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

1.Research & Development Policy of the Institute:

Research & Development Policy has been developed promote innovation and incubation for the faculty and students in tune with the corporate world.

2. Resources:

Research lab has been created for the promotion of innovation and incubation with required facilities. The Institute is nurturing the innovation with financial support of up to 50% to students in addition to the encouragement by prominent Alumni. Institute encourages the faculty and students to protect their IP by providing facilitates and financial support.

3. Institute Innovation Council:

Ministry of Education (MoE), Govt. of India has established 'MoE's Innovation Cell (MIC)' to foster the culture of Innovation among all Higher Education Institutions (HEIs). The Institution's Innovation Council (IIC MESCOE) has been established.IIC-MESCOE activity areas – Startup, Innovation, IPR and Internship.

4.Collaboration (MoU): Institute has various MoU with other institutions and industries for benefit of faculty and students.

5. Activities:

Every year Innovative and entrepreneurship activities such as Hackathons, SAE BAJA, Idea competitions, Awareness workshops on IPR, Cognitive and Critical thinking, Leadership Talks, etc. are conducted as per guidelines of Innovation cell. The institute encourages the students to participate in competitions conducted by recognized bodies such as SPPU, IIC and, AICTE etc.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

22

File Description	Documents
Report of the event	No File Uploaded
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

04

File Description	Documents
URL to the research page on HEI website	**Nil**
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

100

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

9

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

3.4.1 Extension activities are carried out in the neighbourhood

community, sensitizing students to social issues, for their holistic development, and impact thereof during the last five years.

Response:

The college has undertaken following activities which have benefitted the neighbouring community while sensitizing the students to techno-social issues. The said domains of activity include Technology advancement, Social and Community service, Public health & safety and Environmental protection.

1. Advancement in Technology:

Engineers' & Teachers Day: The Celebrations organized every year have been allowing students and public to visit the innovative technical models/programs developed by our students over the years.

2. Social and Community service: Blood donation and Free Medical camps organized by NSS unit of the college in association with various blood banks and NGO.

Earn & Learn Scheme: The Earn and Learn Scheme of Board of Students Development, Savitribai Phule Pune University is implemented successfully for the needy students. Students are benefitted from this Scheme by working in the Laboratories, Library and Office, etc of our institute. This Scheme also inculcates a sense of responsibility and dignity.

3. Public Health and safety: The organization of these activities make the students practically to see several social woes and they can develop empathetic orientation. These programs help the students to understand the significance of reciprocating to the society.

4. Environmental protection: College regularly organize environmental protection related activities to make students aware with environmental pollution causes, hazards, prevention and importance of environmental pollution control.

File Description	Documents
Paste link for additional information	https://mescoe.mespune.org/national-service-scheme/
Upload any additional information	View File

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

0

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	No File Uploaded

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

20

File Description	Documents
Reports of the event organized	View File
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

1831

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

3

File Description	Documents
e-copies of related Document	View File
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

7

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	[View File](#)
Any additional information	**No File Uploaded**
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	[View File](#)

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

Classroom: All the classrooms are designed and maintained as per AICTE norms with respect to carpet area, lighting, ventilation, furniture, etc. to have a conducive environment with ICT tools which enable interactive teaching-learning processes.

Smart Classrooms: Smart classrooms aredesigned with the latest ICT tools (Smart digital board) and maintained to create a new state-of-art teaching- learning facility.

Laboratories: Laboratories are well equipped with adequate number of experimental set-ups, computers andperipherals to meet syllabus requirements.

State of the art facilities: The institute has taken great initiatives to develop unique and novel research facilities to incubate research environments.

- **Centre of Excellence in High Performance Computing**
- **Centre of Excellence PG lab & SDR Lab**
- **NI Lab VIEW Academy**
- **Industrial Tribology Lab**
- **Kuka Robotics Lab**
- **Rapid Prototyping facility [3D Printing]**
- **Centre of Excellence in Advanced Embeded System Lab**

Computing Facilities: The college has more than 700computers to fulfill all the academic requirements of students as well as faculties. Our college has adequate number of computers for students and faculties, 12 laptops for all departments.The entire

campus is equipped with strong Wi-Fi connectivity. Our library is well equipped with fully automated 1 server, 20 Computers for students and 6 Computers for library staff.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://mescoe.mespune.org/wp-content/uploads/2025/01/MESWCOE_LAB_compress.pdf

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

The institute encourages and provides facilities for students to participate in various games like cricket, football; athletics etc. to ensure overall development of students and to fulfill that requirement college is equipped with various sports equipment. To promote social awareness amongst students, the NSS team of the institute regularly organizes social welfare activities.

Sports: Institute has a playground for practicing quite a lot of sports activities. Separate Gymnasium facility for boys and girls is provided by the institute in the campus.The institute has a physical director to guide students.

Public speaking and Communication skills development: Students are encouraged to participate in various university level events to international events like M-Baja, E- Baja, Robocon for overall development of students. Personality development programs run by the institute, the Institute organizes debate competitions every year.Institute has a language laboratory.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	Nil

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

25

File Description	Documents
Upload any additional information	View File
Paste link for additional information	**Nil**
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

110.51790

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

Library is well-equipped with the latest infrastructure and well-stocked with a good collection of books with open access facility for each user. The library is fully automated and operates with SLIM 21 (Version – 3.9.0.35737) ILMS. (System for Library Information and Management) Also we are renewing AMC every year. It has a diverse collection of 40,357 books with Barcode tags. The library subscribes to 11 newspapers and 14 magazines and has a rich collection of reference, texts such as encyclopedia, dictionaries, Fiction and Non-Fiction Books. The Library also provides access to about 28561 e-journals and proceedings. Library subscribes 60 Print Journals every year. UG (Computer – 18 No's, E & TC – 12 No's, Mechanical – 12 No's) AND PG (Computer – 6 No's, E

& TC – 6 No's, Mechanical – 6 No's) Library has a collection of 18030 NPTEL Videos. Book Bank is the facility is available to all the students. The set of Books covering syllabus of each subject of every semester is provided at 25% of the total cost of Books. The amount is refunded back to those students who score 60% and above marks in both the semester. Library has Institutional Membership of ARAI, SPPU. There is separate reading hall for 150 students and in Library seating arrangement for 50 Students & teachers is available with 20 computers and internet facilities for the access of e-journals and NPTEL videos.. Web OPAC (Online Public Access Catalogue) is accessible. One OPAC machine is also installed in the library to ensure easy access to books.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	Nil

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources   B. Any 3 of the above

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

30.72

File Description	Documents
Any additional information	**No File Uploaded**
Audited statements of accounts	[View File](#)
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	[View File](#)

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

143

File Description	Documents
Any additional information	**No File Uploaded**
Details of library usage by teachers and students	[View File](#)

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

Institute ensures extensive use of IT facilities by providing adequate access to computers with internet facility to students and faculties. Internet Leased Line (ILL) of 300Mbps provided by Tata Teleservices is available in the college campus Wi-Fi internet access is provided to staff and students. The Institute has following license software: To roll out and outreach activities of Virtual Lab, our institution has a Virtual Lab Nodal Center (Id 226) made available to all colleges for online implementation of practical in the AY 2020-21.The Institute has MW Full suite (MATLAB-2019b) and MW one year MAOTS – ML online training suite in the AY 2020-21. MW campus wide suite (CWS) (MATLAB-2020a) is made available for the entire campus in the AY 2021-22. Institute updated Microsoft Campus agreement- Microsoft EDU Cloud Program during the AY 2019-20 and AY 2020-21 under this latest windows system software, server softwares are purchased. Also windows server CAL and Remote System CALs are available. Library is well-resourced with the latest infrastructure and is fully automated with SLIM 21 ILMS. Cadence software related to the VLSI field is available for E&TC students in the VLSI & Design lab during AY 2018-19. NI lab view software is available for students in the mechanical department NI labview Academy.The college has

`open source system software installed on computers and utilized by students and faculty for teaching and learning.`

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

4.3.2 - Number of Computers

`771`

File Description	Documents
Upload any additional information	[View File](#)
List of Computers	[View File](#)

4.3.3 - Bandwidth of internet connection in the Institution

`A. ? 50MBPS`

File Description	Documents
Upload any additional Information	**No File Uploaded**
Details of available bandwidth of internet connection in the Institution	[View File](#)

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

`444.53423`

File Description	Documents
Upload any additional information	**No File Uploaded**
Audited statements of accounts	[View File](#)
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	[View File](#)

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

The institute has established systems for maintaining and utilizing its physical, academic, and support facilities. Maintenance of laboratories, sports complexes, classrooms, and IT facilities is carried out by respective departments with the support of in-house staff. Labs are managed by faculty members, assistants, and attendants, ensuring equipment functionality through regular checks and upgrades. The library, managed by a librarian and staff, ensures proper utilization of books, with stock verification and procurement conducted annually. Sports facilities, including a gymnasium, are maintained by the physical director, and equipment is issued and repaired as needed. Classrooms are allocated per department and maintained for cleanliness by the institute supervisor. IT facilities are managed by technicians, with vendors hired for major issues. Electrical systems, drinking water coolers, and lifts are maintained by employed technicians. Security is ensured with CCTV, firefighting systems, and staff. A medical center is available for students and staff, along with first-aid kits in each department. Banking and postal services are available on campus for financial and communication needs. Additionally, the NSS promotes social awareness and student welfare through various training programs and workshops, focusing on empowerment and skill development.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://mescoe.mespune.org/wp-content/uploads/2025/01/4.4.4.2-MESCOE-GEOTAG-OTHER-FACILITIES-PHOTOS-1.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

1265

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	**No File Uploaded**
Upload any additional information	**No File Uploaded**
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	<u>View File</u>

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

0

File Description	Documents
Upload any additional information	**No File Uploaded**
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	<u>View File</u>

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills   **A. All of the above**

File Description	Documents
Link to Institutional website	**Nil**
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

204

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

1095

File Description	Documents
Any additional information	**No File Uploaded**
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	**No File Uploaded**
Upload any additional information	[View File](#)
Details of student grievances including sexual harassment and ragging cases	**No File Uploaded**

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

204

File Description	Documents
Self-attested list of students placed	[View File](#)
Upload any additional information	[View File](#)
Details of student placement during the year (Data Template)	[View File](#)

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

6

File Description	Documents
Upload supporting data for student/alumni	[View File](#)
Any additional information	**No File Uploaded**
Details of student progression to higher education	[View File](#)

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

5

File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.

10

File Description	Documents
e-copies of award letters and certificates	No File Uploaded
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

The students are main stakeholders of the institute, so there is maximum involvement of students in various activities and committees. There are student representatives in various

committeeslike Anti-Ragging Committee, Internal committee, IQAC etc. to contribute in fulfilling administrative responsibilities. Also there is Alumni Representative in Departmental Advisory Board.College has Student Development committee under board of student development of SPPU. Co-curricular and extracurricular Activities ·As co-curricular activities students are dynamically involving in various clubs like roboclub, designers club, Nakshatra astronomy club, enthusiast club, Google developer club etc. and participate and win prizes every year in various inter-college/university competitions. .All the departments have student association: Association of Computer Engineers (ACE),Electronics & Telecommunication Engineering Students' Association (ETSA), Mechanical Engineering Students' Association (MESA). It provides platform for students to applytheir knowledge and develop their skills. Under these associations various activities are organized comprising of various technical competitions like Walk through the gates, Knowelex, Technical Quiz, Ohm-factor, workshop on mobile assembling etc. Additionally, college encourages students to participate in National and International technical events like Techfest (IIT Bombay), Robo Con, BAJA by SAE Indiaetc with financial assistance and infrastructural facilities.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

36

File Description	Documents
Report of the event	[View File]
Upload any additional information	**No File Uploaded**
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	[View File]

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Alumni association of Modern Education Society's College of Engineering Pune is registered on 14 June 2019 with registration number "MH/929/2019/Pune". Main purpose of alumni association is to build strong bond between the alumni and institute at the same time among alumni also. Alumni association organizes alumni meet to achieve following objectives:

- **To encourage the Alumni to take an active and abiding interest in the work and progress of the Institute so as to contribute towards enhancement of the social utility of their Alma Mater.**
- **To utilize the rich experiences of Alumni for the benefit and progress of the present students.**
- **To provide guidance to the present students in their endeavour for better employment and higher studies.**
- **To promote the campus placements through the Alumni working in reputed industries in India and abroad.**
- **To get the valuable advices of the Alumni in the overall development of the college.**

Alumni who have achieved good successes in their career or who have got selected in prestigious government services are regularly called to deliver guest lectures for the current students which definitely helps the current students to choose correct path for their career in future. MESCOE Alumni Portal (Url:http://www.mescoepune.org/alumni/index.php) is developed by thestudents of Google developers' club. This portal can be used by thealumni to get in touch with all registered alumni of various

batches so that everyone can be benefited by some or the other way.

File Description	Documents
Paste link for additional information	https://mescoe.mespune.org/distinguished-alumni/
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs) **E. <1Lakhs**

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with 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 a conductive environment for education at affordable cost**
- **Promoting industry institute interaction**
- **Involving alumni**

The vision and mission are displayed across the institution, clearly outlining its distinctive approach to education. The institute aims to holistically develop students, enhancing employability and preparing them to compete in a globalized job market. It follows a three-fold approach involving curricular, co-curricular, and extracurricular activities, with a focus on contemporary technological advancements.

The institute also emphasizes developing students' ethical understanding, leadership capabilities, and awareness of social

issues, including human rights, gender equality, and environmental challenges. A comprehensive strategic plan supports its future growth and ensures continued delivery of high-quality education.

File Description	Documents
Paste link for additional information	https://mescoe.mespune.org/about-us/
Upload any additional information	No File Uploaded

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

The institute follows a participatory management approach with decentralization in academic and non-academic areas.

Several committees are established to ensure the successful execution of these activities.

As per AICTE norms, the institute has statutory committees namely-

- Anti-Ragging Committee
- Grievance Redressal Cell for Student
- Grievance Redressal Cell for Staff
- Internal Complaint Committee
- SC / ST Committee

Several additional committees are instrumental in shaping policies and facilitating the seamless and efficient execution of various activities. Among these are -

- Governing Body
- Monitoring and Development Committee
- College Development Committee
- Internal Quality Assurance Cell
- Placement, Training & Staff Development Committee
- Academic Monitoring Committee
- Examination Committee
- Research & Grants Committee

Case Study: Budget Preparation

- The budget preparation process follows a participative management approach.
- Department heads request equipment, materials, software, and

resources from faculty and coordinators.

- Faculty assess and provide estimated budgets considering relevant factors.
- The budget includes projected salaries, maintenance, and other costs, submitted for approval.
- Actual expenditures are reviewed in the third quarter, and a revised budget for the current year and estimated budget for the next year are presented.

File Description	Documents
Paste link for additional information	https://mescoe.mespune.org/wp-content/uploads/2024/12/COMMITTEE_202324.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Strategy Planned and Deployment (2023-24)

Planned Strategy:

- Provide a robust platform for cognitive expression and promote research among faculty and students.

Strategy Deployment:

- The Computer Department organized the national conference "Recent Advances in Computer Engineering (RACE-2024)" on April 4-5, 2024, fostering innovative ideas, research collaborations, and institutional partnerships.
- The Electronics and Telecommunication Engineering Department held the International Symposium and Conference on "Networking Industry and Academia to Build Partnership in Excelling Education (SYNERGY 2024)" on April 15-16, 2024, addressing NEP requirements and uniting stakeholders. The event also featured a startup exhibition focused on emerging technologies like AI, IoT, and automotive tech.
- The Mechanical Engineering Department organized the International Symposium & Workshop on "Sustainable Technology for a Sustainable Future (STSF 2024)" from March 4-9, 2024, emphasizing sustainable technological advancements

File Description	Documents
Strategic Plan and deployment documents on the website	**No File Uploaded**
Paste link for additional information	https://mescoe.mespune.org/wp-content/uploads/2024/12/Strategey-plan-Conference.pdf
Upload any additional information	View File

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

Role & Responsibilities:

1. **Internal quality assurance and Autonomy cell. (IQA-A cell)**
     1. **Academic Calendar planning & Quality Monitoring**
     2. **IQAC, Accreditation & Ranking related all activities**
2. **Academic Monitoring. (AM Cell)**
     1. **Execution & Monitoring of Teaching - Learning Process**
     2. **Curricular, Co-curricular Student centric activities**
3. **Public Relation-Outreach-Admissions-students-industry-system cell. (PRO-cell)**
     1. **First year admission process, Students Data, Publicity, media marketing, information dissemination, Students Clubs.**
     2. **Placements & internship**
     3. **Extra-Curricular Activities**
4. **Research –Innovation- incubation-entrepreneur cell. (R-IIE Cell)**
     1. **Grants for Research and developments activities, Labs Development for research, Publications**
     2. **Entrepreneurship, Consultancy, Testing, MOU with industry, Exchange –Collaboration programs, Staff training, FDP / STTP of subject-course, Conferences-Workshops, Seminars**
5. **Funds Endorsement & Grants cell (FEG cell)**
     1. **Free-ship-scholarship receipt from social welfare-monitoring-liaison, Innovation-incubation Cell, Research Grants-Funds from state-central bodies**
     2. **Planning & development of various activities, Innovation, Entrepreneurship (EDC) and startups. Generation and budgeting of funds for above activities.**
6. **Services-Amenities-Facility-Environment on campus cell.**

(SAFE-cell):-

1. **Civil infra Sharing, Planning & development of Civil Infrastructure, Amenities, resources like electricity, water, auditorium, sports facilities, Security, CCTV, Communication, Internet Connectivity. Environment Green campus activities, Lifts & fire safety audit. Analysis and planning for future development, Environment conservation issues**

File Description	Documents
Paste link for additional information	**Nil**
Link to Organogram of the institution webpage	https://mescoe.mespune.org/wp-content/uploads/2024/12/Organogram-of-MES-college-of-engineering.pdf
Upload any additional information	**No File Uploaded**

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning)Document	**No File Uploaded**
Screen shots of user inter faces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

The advancement of an institute depends on its employees, and their welfare is a priority. The institute has established various initiatives to support both teaching and non-teaching staff, ensuring a healthy and fulfilling work environment.

Employee Welfare Programs:

- **Leave Benefits: Special/study leave for post-graduation/doctoral research, casual leave, maternity leave, medical leave, earned leave, and vacation as per SPPU norms.**
- **Professional Development: Encouragement for staff participation in conferences, workshops, faculty development programs, and membership in professional societies.**
- **Financial Support: Loans available through Modern Education Society's Co-op Credit Society and eligibility for retiral benefits like gratuity.**
- **Healthcare: On-campus medical assistance and group insurance for staff.**
- **Training: Programs for overall faculty development.**
- **Uniforms: Provided for Class IV employees.**
- **Facilities: In-campus bank and ATM services.**

File Description	Documents
Paste link for additional information	https://mescoe.mespune.org/wp-content/uploads/2024/12/MES-Credit-society.pdf
Upload any additional information	View File

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

1

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

1

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	**No File Uploaded**
Reports of Academic Staff College or similar centers	**No File Uploaded**
Upload any additional information	[View File](#)
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	[View File](#)

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

32

File Description	Documents
IQAC report summary	**No File Uploaded**
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	**No File Uploaded**
Upload any additional information	[View File](#)
Details of teachers attending professional development programmes during the year (Data Template)	[View File](#)

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

The institute strictly follows the recruitment and promotional policies as stipulated by AICTE, Savitribai Phule Pune University

as well as Government of Maharashtra.

Each and every faculty member completes the self-appraisal procedure every year in the format prescribed by SPPU.

- Self-appraisal is done on the basis of the following points:
    - Teaching learning process evaluation
    - Specific duties / tasks assigned by Heads of the Department
    - Major contribution for the benefit of student/ staff / Institute
    - Awards/ rewards obtained by the faculty and staff
    - Contribution towards extracurricular and co-curricular activities
    - Execution of exam duties assigned by SPPU
    - Research contribution of staff in terms of research projects, publications and guidance provided to students for involvement in research

File Description	Documents
Paste link for additional information	http://sppudocs.unipune.ac.in/sites/circulars/Administrative%20Circulars%20%20Teaching/Yearly%20Appraisal%202020-2021_01.07.2021.pdf
Upload any additional information	No File Uploaded

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

The institute has the well-established mechanism for internal as well as external audits. The accounts department is headed by registrar and maintains financial accounts. The financial statements are prepared and submitted to statutory bodies.

The audit for year 2023-24 is carried by Kalyaniwala and Mistry LLP Chartered accounts.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	[View File](#)

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

zero

File Description	Documents
Annual statements of accounts	**No File Uploaded**
Any additional information	**No File Uploaded**
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	[View File](#)

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

The institute has established a comprehensive strategy for mobilizing funds that guarantees the efficient use of resources while upholding transparency in financial management. This strategy emphasizes the enhancement of quality.

The main financial resource for the institute is the tuition fee, which is determined by the relevant statutory committee.

The resources are optimally utilized as per the sanctioned budget.

The expenditure heads are as follows-

- **Major component of expenditure - Employee Salaries**
- **Furniture, Laboratory Equipment and Consumables**
- **Industry Collaborative Labs.**
- **Library**
- **Establishing Centers of excellence**
- **Research & Development activities**
- **Training & Placement**

- **Software procurement, up-gradation, and maintenance**
- **Internet facility**
- **Student Services- NSS, Sports**
- **Power and fuel**
- **Printing and Stationery**
- **Postage and telephones**
- **Affiliation and Renewals**
- **Travel and conveyance**
- **Repair, Replacements, and Maintenance**
- **Taxes and licenses**

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	[View File](#)

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

Section 6.5.1: Major Activities and Contributions of IQAC

The Internal Quality Assurance Cell (IQAC) has played a key role in enhancing both academic and administrative quality during the 2023-24 academic year. Key initiatives include:

- **Regular Meetings: IQAC held strategic meetings to review and plan quality initiatives.**
    - **Meeting Dates: 12th February 2024, 21st November 2023.**
- **Conferences, Seminars, and Workshops:**
    - **International Symposium on "Network Security and 5G".**
    - **Session on employability skills by Barclays and Rubicon Foundation.**
    - **IoT SYNERGIA workshop on the Internet of Things.**
- **Collaborative Quality Initiatives:**
    - **AWS Cloud Practitioner Program (25th-30th September 2023).**
    - **Online FDP on "Idea Generation Methods" (13th May 2023).**
    - **Online FDP on Stress Management (27th November 2023).**
- **NIRF Participation: Active involvement in the National Institutional Ranking Framework (NIRF) 2023-24, reflecting a commitment to quality improvement.**
- **Orientation Programs: Programs for teaching and non-teaching**

staff focused on quality culture.
  - ○ Programs: International Symposium on "Network Security and 5G", Stress Management FDP.
- Quality Audits: Participation in quality audits for NAAC reaccreditation and NBA accreditation for three programs.

Conclusion: IQAC has significantly contributed to improving education, research, and administration, and continues to drive excellence and ongoing improvement.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

The institution systematically evaluates its teaching-learning processes, structures, methodologies, and outcomes through the IQAC to ensure continuous improvement.

In 2023-24, M.E.S. College implemented key initiatives to enhance academic quality, research, and student outcomes. The IQAC forged partnerships with industry leaders, enabling guest lectures, workshops, internships, and placements that gave students valuable insights into real-world applications.

To boost employability, the IQAC organized skill-building activities in AI, Cybersecurity, and Machine Learning, while promoting student entrepreneurship through innovation and patent filing workshops. Faculty development programs were also introduced to enhance teaching effectiveness, ensuring educators were well-equipped to support student learning.

Additionally, the IQAC hosted guest lectures, workshops, and webinars on topics like entrepreneurship and cybersecurity, preparing students for industry challenges. Various departments also organized national-level conferences to foster a culture of research and innovation.

Through these initiatives, the college aimed to create an educational environment aligned with industry needs, enhancing

student readiness for the workforce.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	**No File Uploaded**

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	**Nil**
Upload e-copies of the accreditations and certifications	**No File Uploaded**
Upload any additional information	**No File Uploaded**
Upload details of Quality assurance initiatives of the institution (Data Template)	<u>View File</u>

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

The institution constituted the following committees as per norms laid by University/UGC: Institution Grievance Redressal Committee, Anti-Ragging, Internal Committee and Mentoring Programme cares for the well-being of students and staff in the institution. The institution provides safety and security facilities for the staff and students such as CCTV Surveillance throughout the campus and

security arrangement. Students wear ID cards at all times and outsiders are checked by security staff before entering the campus. The institution has a good mentoring system for the students to take care of their academic, emotional, social and cognitive development. Personal Counselling is provided to the students at different levels. There are separate washroom facilities for girls and boys. The institution has organized several programs in gender equity in curricula. The institution promotes gender sensitization through co-curricular activities like workshops, seminars, guest lectures and counselling by Parent Teacher etc. In accordance with the Nirbhay Kanya Abhiyaan scheme introduced by the Board of student development, SPPU, the college organised a workshop on Implementation of Health of girl students.

File Description	Documents
Annual gender sensitization action plan	https://mescoe.mespune.org/wp-content/uploads/2025/01/Gender-Sensitization-action-plan-2023-24.pdf
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://mescoe.mespune.org/board-of-student-development/

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	No File Uploaded

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

Solid waste management- In every room, dustbins are placed to collect waste and also centrally wet and dry waste inserted into

green and blue big dustbins respectively.

Water Recycling System- Water Harvesting: A network of rainwater harvesting systems ensures continuous recharging of groundwater tables. Institute has successfully implemented a rain water harvesting Project.

E-waste management- The e-waste is taken care of properly. The old unused unrepeatable electronic equipment is disposed of properly.

Hazardous chemicals and radioactive waste management- The chemicals used in chemistry laboratories are disposed of carefully.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	[View File](#)
Geo tagged photographs of the facilities	[View File](#)

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus   C. Any 2 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	[View File](#)
Any other relevant information	[View File](#)

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: A. Any 4 or All of the above

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways
4. Ban on use of plastic
5. Landscaping

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	No File Uploaded

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

A. Any 4 or all of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen   reading

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	**No File Uploaded**
Any other relevant information	**No File Uploaded**

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

Sr. No.

Details of Activity

Date

1

International Yoga Day -2023

21/06/2023

2

COEP visit "Meri Mati Mera Desh-Kalash Pooja"

26/07/2023

3

Chitrarath- Ganesh Visarjan

28/09/2023

4

Tree Planation

27/07/2023

5

Cleanliness Drive- Swachhta Hi Seva (SHS) Campaign

03/10/2023

6

Fit India Freedom run 4.0

06/10/2023

7

Selfie with Mati" under "Meri Mati, Mera Desh

07/10/2023

8

Voting Campaign

10/10/2023

9

Blood Donation Camp

13/10/2023

10

Stress Management by Dr. Manasi Jadhav

16/10/2023

11

Voice care for professionals by Dr. Milind Bhoi

17/10/2023

12

Movement of Positivity by Mrs. Dhanashree Patil

21-03-2025 07:24:38

18/10/2023

13

Expert lecture by Dr. Ujwala Hake

19/10/2023

14

Blood Donation Camp

23/01/2024

15

NSS Special Camp

12/02/2023 to

18/02/2023

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[View File](#)
Any other relevant information	**No File Uploaded**

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

The Institition organizes activities that strengthen our constitutional values and deepen our allegiance and responsibility towards our nation. The National Service Scheme (NSS) and Board of Student Development are two integral bodies under SPPU that commit to programs and activities to inculcate constitutional obligations and patriotism among students and staff.The college fosters community responsibility by organizing blood donation camps routinely. In every camp, around 100 volunteers donate blood.The college renders national service by organizing road-safety awareness programs routinely. Students are informed about traffic rules and regulations and instill the importance of safeguarding human life. To promote a sustainable environment, Swatch Bharat campaigns and Tree Plantation drives are organized. To protect

human lives and property of the college during a disaster, MESCoE organized disaster management workshops. The college also organized awareness drives and mock drills for disaster management in association with the NDRF team. MESCoE organizes a seminar on "Intellectual Property Rights" to create awareness about copyright, plagiarism, patenting, trademark, and several otherrelated aspects to cultivate professional ethics.The college enshrines the sovereign and democratic values of our nation by commemorating the Independence Day and the Republic Day annually. Constitution Day is celebrated every year in college.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://mescoe.mespune.org/national-service-scheme/#abouttab3
Any other relevant information	**Nil**

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized   **C. Any 2 of the above**

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	**No File Uploaded**
Any other relevant information	**No File Uploaded**

7.1.11 - Institution celebrates / organizes national and international commemorative days, events

and festivals

Modern Education Society's Wadia College of Engineering celebrates national and international commemorative days to implant constitutional responsibilities, to engrain patriotic spirit and to encourage unity among fellow citizens. 1. Independence Day and Republic Day are celebrated in the college by hoisting the Indian flag. 2. International Women's Day is celebrated on 8th March.

3.International Yoga Day is celebrated on 21th June. 4.Teachers Day is celebrated on 5th September. 5.Engineers Day is celebrated on 15 th September by organizing various activities like expert talk on advanced technology, eco-social roles of engineers in society. 6.Gandhi Jayanti Celebrated on 2nd October.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	[View File](#)
Geo tagged photographs of some of the events	[View File](#)
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Title of the Practice: 'Industry Institute Interaction'

Goal: Main objective is to establish and maintain relationships with the corporate world through MoUs, Centre of Excellence, sponsored projects, industrial visits and in-plant training for students and faculty members.

The Context: Institution has taken initiative to interact with various industries through the Industry Institute Interaction committee that maintains professional relations with industries.

Practice:

1. Membership of Professional Technical Bodies:

2. MoUs with industries -

3. Lab development under Center of Excellence

4. Industrial visit, Guest Lecture, -

5. Promotion to do internship and industry sponsored project for students -

6. Curriculum development at par with industry requirement

Best Practice II

Title of Practice: Student Skill Development Activity

Goal: Development of students' technical skill and job skills necessary for industries through Co- curricular and extracurricular activities.

The Context: Co-curricular activities are significant for enriching students on an emotional, cognitive, physical, and social level. At the same time, extracurricular activities incorporating NSS, art and music can play a vital role in nation-building, psychomotor development and dexterity.

The Practice:

1. Formation Different Student Chapter

2. Co-Curricular and Extra Co-Curricular Activities

3. Development of laboratories with the latest experimentation facility

4. Support for Internship and Sponsored Project

5. Provision of E-content for advance Learning (NPTEL, video Lectures.

6. Formation of Students Clubs

File Description	Documents
Best practices in the Institutional website	https://mescoe.mespune.org/national-assessment-and-accreditation-council/#abouttab6
Any other relevant information	**Nil**

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

Institute has taken special efforts to develop the research culture among both staff and students. Institute is always keen to provide and build an environment which can promote and encourage research in not only core areas but also in multidisciplinary areas. Institutes believe that to promote the research in the students, the faculties must be equipped with knowledge and process related to research areas. This is achieved by continuously promoting the faculty to pursue higher education like PhD through special duty leaves to attend research work and conferences, research Lab etc. Institutes also promote organization of conferences to create a platform for sharing of latest knowledge and bring together researchers from different areas of the nation. This has helped the institute to have a maximum number of faculties with PhD qualification and some as PhD Guide.

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

The institute, affiliated with SPPU, Pune (Maharashtra, INDIA), follows the university's curriculum and syllabus. The Principal collaborates with department heads to strategize curriculum implementation.

Department heads regularly review syllabus progress through meetings, and the Principal, Dean, HOD, and Academic Committee frequently assess semester progress and provide suggestions for improvement. The academic calendar, defined by SPPU, consists of a 16-week schedule for each semester. An activity and load distribution calendar is finalized before the semester begins and displayed on the notice board and website.

To enhance teaching methods, faculty members prepare content analyses in advance, which are included in course files. ICT tools such as online video lectures from IITs, NPTEL resources, and workshops are incorporated alongside traditional methods. Industry visits, group discussions, quizzes, and surprise tests further support learning.

Students work in groups for experiments, with faculty providing guidance. Continuous assessments monitor individual performance. All engineering programs have well-equipped laboratories as per the SPPU syllabus.

Students are categorized as bright or weak based on classroom performance. Weak students receive additional support through remedial classes. Feedback is gathered periodically, and online teaching through Microsoft Teams is conducted, particularly during the pandemic. The institute also provides access to IIT Bombay's Virtual Lab for remote experiments.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	Nil

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

At MESWCOE, the academic calendar is rigorously followed to ensure the effective execution of Continuous Internal Evaluation (CIE). As per SPPU, CIE includes internal assessments, final term work, laboratory journals, mini-projects, seminars, and final year projects.

For each course, a detailed theory and practical content analysis is prepared, and course delivery is monitored for continuous improvement. Student progress in theory classes is assessed through mid-semester and end-semester tests.

At the beginning of each semester, the Heads of Departments convene to prepare the Academic Calendar, which is based on the SPPU academic calendar. The finalized calendar is shared with faculty to aid in planning course execution.

Internal assessments, including assignments, quizzes, and seminars, are integral to CIE. The assessment process is well-defined and adheres to the academic schedule. Course instructors design internal assessment papers using revised Bloom's Taxonomy, which are reviewed by the stream coordinator and approved by the department head. The examination committee publishes the internal assessment timetable, and tests are conducted as planned. Afterward, answer scripts are evaluated, and CO-PO/PSO attainment is calculated by the respective course teacher. Continuous evaluation also takes place for laboratory courses, projects, and seminars.

Various departmental and central committees monitor the progress of activities outlined in the calendar. After each task, completion reports are generated. In collaboration with SPPU, the institute offered Honor courses to TE and BE students in the 2023-24 academic year.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University	B. Any 3 of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

122

File Description	Documents
Any additional information	**No File Uploaded**
Minutes of relevant Academic Council/ BOS meetings	**No File Uploaded**
Institutional data in prescribed format (Data Template)	[View File](#)

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

60

File Description	Documents
Any additional information	[View File](#)
Brochure or any other document relating to Add on /Certificate programs	[View File](#)
List of Add on /Certificate programs (Data Template)	[View File](#)

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

1920

File Description	Documents
Any additional information	[View File](#)
Details of the students enrolled in Subjects related to certificate/Add-on programs	[View File](#)

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

Education lays a strong foundation for personal and professional growth, but certain principles guide individuals toward ethical behavior. These core values are essential for all. To introduce students to these values, SPPU has integrated cross-cutting issues such as Professional Ethics, Gender, Human Values, Environment, and Sustainability into the curriculum

from FE to BE.

The mandatory courses addressing these topics include:

- Audit Courses 1 & 2 focusing on ecology, environmental issues, causes, effects, and preventive measures.
- Democracy, Election, and Governance introduces students to the Constitution of India and various democracy models.
- Audit Courses 3, 4, 5 & 6, where students select from various courses in their second and third years. Additionally, students are encouraged to choose two non-credit courses from a university-provided list, earning a grade (AP) that is included in their results.

An orientation program for first-year students introduces campus life and raises awareness of these issues. Beyond the curriculum, the college organizes programs such as personality development and self-defense for girls, as well as workshops on girls' health.

The campus has energy-saving initiatives like solar water heaters, solar electricity plants, biogas, sensor-based lighting, and LED bulbs. Environmentally-friendly projects include vermicomposting and rainwater harvesting. NSS activities promote values like kindness, honesty, and respect, along with blood donation, road safety, and Swachh Bharat campaigns.

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

100

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	**No File Uploaded**
MoU's with relevant organizations for these courses, if any	**No File Uploaded**
Institutional Data in Prescribed Format	View File

1.3.3 - Number of students undertaking project work/field work/ internships

1920

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	**B. Any 3 of the above**

File Description	Documents
URL for stakeholder feedback report	**Nil**
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	**No File Uploaded**
Any additional information	View File

1.4.2 - Feedback process of the Institution may be classified as follows	B. Feedback collected, analyzed and action has been taken

File Description	Documents
Upload any additional information	[View File](#)
URL for feedback report	Nil

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

412

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	[View File](#)

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

229

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	[View File](#)

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

Teachers assess student learning through a range of indicators, including participation in class discussions, performance in class tests, assignments, tutorials, and quizzes. These methods provide valuable insights into student progress across all

courses.

Teaching Approach: The MESWCOE faculty blends traditional teaching methods with modern technological tools, ensuring effective online and hybrid learning, particularly during the pandemic.

Support for Slow Learners:

- Remedial classes, extra lectures, and practical sessions to strengthen understanding.
- Personalized attention, mentoring, and counseling.
- Provision of assignments, question banks, model answers, and exam preparation materials.
- Soft skills training, exclusive counseling sessions, and access to additional resources.

Support for Advanced Learners:

- Opportunities to participate in co-curricular activities, sports, and NSS initiatives.
- Guidance for research projects, journal publications, and acquiring grants.
- Recognition for academic excellence, event participation, and innovation.
- Encouragement for higher studies, industrial exposure, and enrollment in add-on courses.

Holistic Student Development: Students benefit from counseling services, access to comprehensive lecture materials, a

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
1911	99

File Description	Documents
Any additional information	No File Uploaded

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

The faculty employs diverse teaching-learning methods such as lectures, interactive sessions, project-based learning, smart board-assisted instruction, and experiential learning to create an engaging academic environment. These activities are enriched through illustrative techniques, special lectures, and PowerPoint presentations, ensuring a balance between traditional and modern approaches.

Lecture Method facilitates comprehensive subject understanding by interpreting and revising key concepts. The Interactive Method involves group discussions, quizzes, seminars, workshops and Q&A sessions, fostering active participation and engagement.

Departments provide platforms for students to acquire modern skills and values, promoting creativity, problem-solving, and lifelong learning. Experiential Learning includes laboratory sessions, projects on advanced technologies, technical fests, and industrial visits to enhance practical knowledge. Participatory Learning involves seminars, group discussions, quizzes, cultural programs, club activities and skill-based courses that develop technical, creative, and communication skills.

For Problem-Solving, initiatives such as expert lectures, technical tests, mini projects, case studies, debates, and class presentations build critical thinking and analytical abilities.

The institute integrates innovative methods like hackathons, virtual labs, flipped classrooms, peer learning, and online MS teams platformto complement traditional techniques. These diverse strategies foster participative, experiential, and problem-solving learning, preparing students to excel academically and professionally.

File Description	Documents
Upload any additional information	**No File Uploaded**
Link for additional information	https://mescoe.mespune.org/wp-content/uploads/2024/12/accet_2023.pdf

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

In today's fast-paced technological landscape, mastering the latest tools is essential for students to be corporate-ready. To meet this need, teachers integrate Information and Communication Technology (ICT) tools with traditional teaching methods, enhancing student engagement and promoting long-term learning. The institute employs various ICT tools to optimize education delivery and foster a dynamic learning environment.

ICT Tools at the Institute:

1. Projectors: More than 20 projectors across classrooms and labs.
2. Desktops :Available in computer labs and faculty cabins.
3. Printers and Scanners: Installed in labs, HOD cabins, and key locations.
4. Seminar Rooms: One seminar halls with PA system and digital facilities.
5. Smart Board: Installed for interactive learning.
6. Online Platforms: Zoom, Google Meet, Microsoft Teams, Google Classroom.
7. MOOCs: Platforms like NPTEL, Coursera, and Udemy for self-paced learning.

Faculty Use of ICT:

- PowerPoint Presentations: Prepared using digital libraries and search engines.
- Industry Connect: Guest lectures and expert talks in digitally equipped seminar room.
- Online Quizzes: Conducted via Google Forms.
- Online Competitions: Events like poster-making, debates, and quizzes.
- Workshops: Covering programming, simulations, and modern tools .

Through these tools, the institute ensures a robust, technology-driven education experience.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

99

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	**No File Uploaded**
Mentor/mentee ratio	**No File Uploaded**

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

99

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	**No File Uploaded**
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

37

File Description	Documents
Any additional information	**No File Uploaded**
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	<u>View File</u>

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

980

File Description	Documents
Any additional information	**No File Uploaded**
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<u>View File</u>

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The institute, affiliated with Savitribai Phule Pune University (SPPU), adheres to its evaluation reforms to ensure academic excellence.

Major Reforms by SPPU:

1. Appointment of CEO: A senior faculty member is appointed as the College Exam Officer (CEO) to oversee all examinations. The examination committee, led by the principal, includes the CEO, departmental coordinators, and office staff. Exams, both internal and external, follow the university's choice- and credit-based system.

2. **In-Sem Examinations:**

   - Subjective exams (30 marks) are conducted for UG (First to Final Year) and PG students.
   - During the pandemic, online exams were conducted using Microsoft Teams, with internal teachers designing multiple-choice question papers. Proctored exams were held batch-wise.

3. **End-Sem Examinations:**

   - SPPU conducts end-semester exams for UG (70 marks) and PG students (50 marks).

Institute-Level Assessment Practices:

- CO-based tests, assignments, and tutorials.
- Continuous internal evaluation for practicals and term work based on punctuality, attendance, and performance.
- Mock exams for theory, practicals, and project reviews.

All assessments are conducted transparently under the CEO's guidance. Students are informed of their scores, provided model solutions, and counseled if needed. Project reviews are emphasized, aligning with SPPU's project-based learning approach.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	Nil

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time-bound and efficient

The institute has established an efficient and transparent mechanism to address examination-related grievances. The college strictly adheres to the guidelines and regulations issued by the affiliating university(SPPU) for conducting

internal assessments and semester-end examinations.

Department-Level Grievance Redressal:

Each department appoints a faculty member as the Department Exam Coordinator, who is part of the CEO team. This coordinator addresses student concerns at the departmental level by consulting with the respective faculty and Head of the Department (HOD).

Faculty members discuss queries with students, explaining model answers and the marking scheme. If the issue remains unresolved, it is escalated to the Principal, who provides appropriate guidelines for resolution.

Institute-Level Grievance Redressal:

Grievances related to university examinations, such as revaluation or photocopies of answer sheets, are managed by the College Examination Officer (CEO) and the examination section. The CEO forwards unresolved queries to SPPU for action, ensuring that updates are communicated to students and faculty.

Internal marks are entered through the SPPU portal, with appointments managed by HODs along with departemnt coordinators. Verified and authenticated marksheets are collected by the Department Coordinator and submitted to the CEO's office for record-keeping and issue resolution.

This system fosters transparency and accountability while ensuring student grievances are addressed efficiently.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

The department formulates POs, PSOs, and COs through extensive consultation with faculty members and stakeholders, adhering to the principles of Outcome-Based Education (OBE). Once a consensus is achieved, the outcomes are widely disseminated using the following methods:

- Department website
- Notice boards
- Laboratories and library
- Induction programs
- Faculty meetings
- Parent meetings
- Alumni interactions

The Head of Department (HOD) and faculty members actively inform students about these outcomes, emphasizing their significance in achieving academic and professional goals.

PSOs, which specify the skills and competencies students must acquire by the program's completion, are collaboratively developed by program coordinators and course coordinators. These PSOs undergo review and approval by the department's Advisory body before final authorization by the Principal.

This structured process ensures that all stakeholders are aligned with the educational objectives and that students clearly understand the expectations and outcomes of their program.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	Nil
Upload COs for all Programmes (exemplars from Glossary)	No File Uploaded

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the

institution.

The attainment of Program Outcomes (POs) and Program Specific Outcomes (PSOs) is achieved through a well-structured curriculum. Course Outcomes (COs) are defined for each course and mapped to POs and PSOs, forming the basis for their evaluation. A set of performance criteria is used to quantitatively assess COs, which in turn validates the attainment of POs and PSOs.

CO Attainment

Direct Assessment Methods:

1. Continuous Assessment:
    ◦ COs are evaluated through tests, tutorials, assignments, examinations, and lab records.
    ◦ Each question is mapped to relevant COs, and an analysis is documented in the Faculty Course Assessment Report (FCAR). Contributions are categorized as high, moderate, or low.
2. Semester-End Examinations:
    ◦ The average marks from theory examinations are considered for CO attainment.
3. Laboratory Records:
    ◦ Continuous and semester-end assessments are used to evaluate CO attainment in lab courses.

Indirect Assessment Methods:

1. Course Exit Survey:
    ◦ Feedback from students at semester-end provides insights into CO attainment.
2. Guest Lectures:
    ◦ Organized to enhance course understanding and bridge gaps.

PO/PSO Attainment

Direct Assessment:

• Aggregated CO contributions across courses determine direct PO/PSO attainment.

Indirect Assessment:

1. **Graduate Exit Survey:**
   - Conducted with final-year students to assess POs/PSOs comprehensively.
2. **Alumni Survey:**
   - Annual feedback from alumni evaluates PO attainment in real-world contexts.

The department ensures all assessments are systematically documented and evaluated.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	Nil

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

402

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	[View File](#)
Upload any additional information	[View File](#)
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

https://mescoe.mespune.org/wp-content/uploads/2024/12/MESWCOE-Students-Satisfaction-Survey-2023-2024-Responses.xlsx

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.51373

File Description	Documents
Any additional information	**No File Uploaded**
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

04

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

1

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	View File
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

1.Research & Development Policy of the Institute:

Research & Development Policy has been developed promote innovation and incubation for the faculty and students in tune with the corporate world.

2. Resources:

Research lab has been created for the promotion of innovation and incubation with required facilities. The Institute is nurturing the innovation with financial support of up to 50% to students in addition to the encouragement by prominent Alumni. Institute encourages the faculty and students to protect their IP by providing facilitates and financial support.

3. Institute Innovation Council:

Ministry of Education (MoE), Govt. of India has established 'MoE's Innovation Cell (MIC)' to foster the culture of Innovation among all Higher Education Institutions (HEIs). The Institution's Innovation Council (IIC MESCOE) has been established.IIC-MESCOE activity areas – Startup, Innovation, IPR and Internship.

4.Collaboration (MoU): Institute has various MoU with other institutions and industries for benefit of faculty and students.

5. Activities:

Every year Innovative and entrepreneurship activities such as Hackathons, SAE BAJA, Idea competitions, Awareness workshops on IPR, Cognitive and Critical thinking, Leadership Talks, etc. are conducted as per guidelines of Innovation cell. The institute encourages the students to participate in competitions conducted by recognized bodies such as SPPU, IIC and, AICTE etc.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

22

File Description	Documents
Report of the event	**No File Uploaded**
Any additional information	**No File Uploaded**
List of workshops/seminars during last 5 years (Data Template)	[View File](#)

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

04

File Description	Documents
URL to the research page on HEI website	**Nil**
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

100

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

9

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

3.4.1 Extension activities are carried out in the neighbourhood community, sensitizing students to social issues, for their

holistic development, and impact thereof during the last five years.

Response:

The college has undertaken following activities which have benefitted the neighbouring community while sensitizing the students to techno-social issues. The said domains of activity include Technology advancement, Social and Community service, Public health & safety and Environmental protection.

1. Advancement in Technology:

Engineers' & Teachers Day: The Celebrations organized every year have been allowing students and public to visit the innovative technical models/programs developed by our students over the years.

2. Social and Community service: Blood donation and Free Medical camps organized by NSS unit of the college in association with various blood banks and NGO.

Earn & Learn Scheme: The Earn and Learn Scheme of Board of Students Development, Savitribai Phule Pune University is implemented successfully for the needy students. Students are benefitted from this Scheme by working in the Laboratories, Library and Office, etc of our institute. This Scheme also inculcates a sense of responsibility and dignity.

3. Public Health and safety: The organization of these activities make the students practically to see several social woes and they can develop empathetic orientation. These programs help the students to understand the significance of reciprocating to the society.

4. Environmental protection: College regularly organize environmental protection related activities to make students aware with environmental pollution causes, hazards, prevention and importance of environmental pollution control.

File Description	Documents
Paste link for additional information	https://mescoe.mespune.org/national-service-scheme/
Upload any additional information	View File

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

0

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	No File Uploaded

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

20

File Description	Documents
Reports of the event organized	View File
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

1831

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

3

File Description	Documents
e-copies of related Document	View File
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

7

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	**No File Uploaded**
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

Classroom: All the classrooms are designed and maintained as per AICTE norms with respect to carpet area, lighting, ventilation, furniture, etc. to have a conducive environment with ICT tools which enable interactive teaching-learning processes.

Smart Classrooms: Smart classrooms aredesigned with the latest ICT tools (Smart digital board) and maintained to create a new state-of-art teaching- learning facility.

Laboratories: Laboratories are well equipped with adequate number of experimental set-ups, computers andperipherals to meet syllabus requirements.

State of the art facilities: The institute has taken great initiatives to develop unique and novel research facilities to incubate research environments.

- **Centre of Excellence in High Performance Computing**
- **Centre of Excellence PG lab & SDR Lab**
- **NI Lab VIEW Academy**
- **Industrial Tribology Lab**
- **Kuka Robotics Lab**
- **Rapid Prototyping facility [3D Printing]**
- **Centre of Excellence in Advanced Embeded System Lab**

Computing Facilities: The college has more than 700computers to fulfill all the academic requirements of students as well as faculties. Our college has adequate number of computers for

**students and faculties, 12 laptops for all departments.The
entire campus is equipped with strong Wi-Fi connectivity. Our
library is well equipped with fully automated 1 server, 20
Computers for students and 6 Computers for library staff.**

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://mescoe.mespune.org/wp-content/uploads/2025/01/MESWCOE_LAB_compress.pdf

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

**The institute encourages and provides facilities for students
to participate in various games like cricket, football;
athletics etc. to ensure overall development of students and to
fulfill that requirement college is equipped with various
sports equipment. To promote social awareness amongst students,
the NSS team of the institute regularly organizes social
welfare activities.**

**Sports: Institute has a playground for practicing quite a lot
of sports activities. Separate Gymnasium facility for boys and
girls is provided by the institute in the campus.The institute
has a physical director to guide students.**

**Public speaking and Communication skills development: Students
are encouraged to participate in various university level
events to international events like M-Baja, E- Baja, Robocon
for overall development of students. Personality development
programs run by the institute, the Institute organizes debate
competitions every year.Institute has a language laboratory.**

File Description	Documents
Upload any additional information	View File
Paste link for additional information	**Nil**

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

25

File Description	Documents
Upload any additional information	View File
Paste link for additional information	**Nil**
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

110.51790

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

Library is well-equipped with the latest infrastructure and well-stocked with a good collection of books with open access facility for each user. The library is fully automated and operates with SLIM 21 (Version – 3.9.0.35737) ILMS. (System for Library Information and Management) Also we are renewing AMC every year. It has a diverse collection of 40,357 books with Barcode tags. The library subscribes to 11 newspapers and 14 magazines and has a rich collection of reference, texts such as encyclopedia, dictionaries, Fiction and Non-Fiction Books. The

Library also provides access to about 28561 e-journals and proceedings. Library subscribes 60 Print Journals every year. UG (Computer – 18 No's, E & TC – 12 No's, Mechanical – 12 No's) AND PG (Computer – 6 No's, E & TC – 6 No's, Mechanical – 6 No's) Library has a collection of 18030 NPTEL Videos. Book Bank is the facility is available to all the students. The set of Books covering syllabus of each subject of every semester is provided at 25% of the total cost of Books. The amount is refunded back to those students who score 60% and above marks in both the semester. Library has Institutional Membership of ARAI, SPPU. There is separate reading hall for 150 students and in Library seating arrangement for 50 Students & teachers is available with 20 computers and internet facilities for the access of e-journals and NPTEL videos.. Web OPAC (Online Public Access Catalogue) is accessible. One OPAC machine is also installed in the library to ensure easy access to books.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional Information	Nil

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

B. Any 3 of the above

File Description	Documents
Upload any additional information	[View File](#)
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	[View File](#)

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

30.72

File Description	Documents
Any additional information	**No File Uploaded**
Audited statements of accounts	[View File](#)
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	[View File](#)

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

143

File Description	Documents
Any additional information	**No File Uploaded**
Details of library usage by teachers and students	[View File](#)

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

Institute ensures extensive use of IT facilities by providing adequate access to computers with internet facility to students and faculties. Internet Leased Line (ILL) of 300Mbps provided by Tata Teleservices is available in the college campus Wi-Fi internet access is provided to staff and students. The Institute has following license software: To roll out and outreach activities of Virtual Lab, our institution has a Virtual Lab Nodal Center (Id 226) made available to all colleges for online implementation of practical in the AY 2020-21.The Institute has MW Full suite (MATLAB-2019b) and MW one year MAOTS – ML online training suite in the AY 2020-21. MW campus wide suite (CWS) (MATLAB-2020a) is made available for the entire campus in the AY 2021-22. Institute updated Microsoft Campus agreement- Microsoft EDU Cloud Program during the AY 2019-20 and AY 2020-21 under this latest windows system software, server softwares are purchased. Also windows server CAL and Remote System CALs are available. Library is well-resourced with the latest infrastructure and is fully automated with SLIM 21 ILMS. Cadence software related to the VLSI field is available for E&TC students in the VLSI & Design lab during

AY 2018-19. NI lab view software is available for students in the mechanical department NI labview Academy.The college has open source system software installed on computers and utilized by students and faculty for teaching and learning.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	**Nil**

4.3.2 - Number of Computers

771

File Description	Documents
Upload any additional information	View File
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution	**A. ? 50MBPS**

File Description	Documents
Upload any additional Information	**No File Uploaded**
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

444.53423

File Description	Documents
Upload any additional information	**No File Uploaded**
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

The institute has established systems for maintaining and utilizing its physical, academic, and support facilities. Maintenance of laboratories, sports complexes, classrooms, and IT facilities is carried out by respective departments with the support of in-house staff. Labs are managed by faculty members, assistants, and attendants, ensuring equipment functionality through regular checks and upgrades. The library, managed by a librarian and staff, ensures proper utilization of books, with stock verification and procurement conducted annually. Sports facilities, including a gymnasium, are maintained by the physical director, and equipment is issued and repaired as needed. Classrooms are allocated per department and maintained for cleanliness by the institute supervisor. IT facilities are managed by technicians, with vendors hired for major issues. Electrical systems, drinking water coolers, and lifts are maintained by employed technicians. Security is ensured with CCTV, firefighting systems, and staff. A medical center is available for students and staff, along with first-aid kits in each department. Banking and postal services are available on campus for financial and communication needs. Additionally, the NSS promotes social awareness and student welfare through various training programs and workshops, focusing on empowerment and skill development.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://mescoe.mespune.org/wp-content/uploads/2025/01/4.4.4.2-MESCOE-GEOTAG-OTHER-FACILITIES-PHOTOS-1.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

1265

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	**No File Uploaded**
Upload any additional information	**No File Uploaded**
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	<u>View File</u>

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

0

File Description	Documents
Upload any additional information	**No File Uploaded**
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	<u>View File</u>

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and	**A. All of the above**

hygiene) ICT/computing skills

File Description	Documents
Link to Institutional website	**Nil**
Any additional information	[View File](#)
Details of capability building and skills enhancement initiatives (Data Template)	[View File](#)

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

204

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

1095

File Description	Documents
Any additional information	**No File Uploaded**
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	[View File](#)

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees	**A. All of the above**

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	**No File Uploaded**
Upload any additional information	[View File](#)
Details of student grievances including sexual harassment and ragging cases	**No File Uploaded**

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

204

File Description	Documents
Self-attested list of students placed	[View File](#)
Upload any additional information	[View File](#)
Details of student placement during the year (Data Template)	[View File](#)

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

6

File Description	Documents
Upload supporting data for student/alumni	[View File](#)
Any additional information	**No File Uploaded**
Details of student progression to higher education	[View File](#)

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State

government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

5

File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.

10

File Description	Documents
e-copies of award letters and certificates	No File Uploaded
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

The students are main stakeholders of the institute, so there is maximum involvement of students in various activities and

committees. There are student representatives in various committeeslike Anti-Ragging Committee, Internal committee, IQAC etc. to contribute in fulfilling administrative responsibilities. Also there is Alumni Representative in Departmental Advisory Board.College has Student Development committee under board of student development of SPPU. Co-curricular and extracurricular Activities ·As co-curricular activities students are dynamically involving in various clubs like roboclub, designers club, Nakshatra astronomy club, enthusiast club, Google developer club etc. and participate and win prizes every year in various inter-college/university competitions. .All the departments have student association: Association of Computer Engineers (ACE),Electronics & Telecommunication Engineering Students' Association (ETSA), Mechanical Engineering Students' Association (MESA). It provides platform for students to applytheir knowledge and develop their skills. Under these associations various activities are organized comprising of various technical competitions like Walk through the gates, Knowelex, Technical Quiz, Ohm-factor, workshop on mobile assembling etc. Additionally, college encourages students to participate in National and International technical events like Techfest (IIT Bombay), Robo Con, BAJA by SAE Indiaetc with financial assistance and infrastructural facilities.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

36

File Description	Documents
Report of the event	View File
Upload any additional information	**No File Uploaded**
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Alumni association of Modern Education Society's College of Engineering Pune is registered on 14 June 2019 with registration number "MH/929/2019/Pune". Main purpose of alumni association is to build strong bond between the alumni and institute at the same time among alumni also. Alumni association organizes alumni meet to achieve following objectives:

- **To encourage the Alumni to take an active and abiding interest in the work and progress of the Institute so as to contribute towards enhancement of the social utility of their Alma Mater.**
- **To utilize the rich experiences of Alumni for the benefit and progress of the present students.**
- **To provide guidance to the present students in their endeavour for better employment and higher studies.**
- **To promote the campus placements through the Alumni working in reputed industries in India and abroad.**
- **To get the valuable advices of the Alumni in the overall development of the college.**

Alumni who have achieved good successes in their career or who have got selected in prestigious government services are regularly called to deliver guest lectures for the current students which definitely helps the current students to choose correct path for their career in future. MESCOE Alumni Portal (Url:http://www.mescoepune.org/alumni/index.php) is developed by thestudents of Google developers' club. This portal can be

used by thealumni to get in touch with all registered alumni of various batches so that everyone can be benefited by some or the other way.

File Description	Documents
Paste link for additional information	https://mescoe.mespune.org/distinguished-alumni/
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs) — E. <1Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with 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 a conductive environment for education at affordable cost
- Promoting industry institute interaction
- Involving alumni

The vision and mission are displayed across the institution, clearly outlining its distinctive approach to education. The institute aims to holistically develop students, enhancing employability and preparing them to compete in a globalized job market. It follows a three-fold approach involving curricular, co-curricular, and extracurricular activities, with a focus on contemporary technological advancements.

The institute also emphasizes developing students' ethical understanding, leadership capabilities, and awareness of social issues, including human rights, gender equality, and environmental challenges. A comprehensive strategic plan supports its future growth and ensures continued delivery of high-quality education.

File Description	Documents
Paste link for additional information	https://mescoe.mespune.org/about-us/
Upload any additional information	No File Uploaded

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

The institute follows a participatory management approach with decentralization in academic and non-academic areas.

Several committees are established to ensure the successful execution of these activities.

As per AICTE norms, the institute has statutory committees namely-

- Anti-Ragging Committee
- Grievance Redressal Cell for Student
- Grievance Redressal Cell for Staff
- Internal Complaint Committee
- SC / ST Committee

Several additional committees are instrumental in shaping policies and facilitating the seamless and efficient execution of various activities. Among these are -

- Governing Body
- Monitoring and Development Committee
- College Development Committee
- Internal Quality Assurance Cell
- Placement, Training & Staff Development Committee
- Academic Monitoring Committee
- Examination Committee
- Research & Grants Committee

Case Study: Budget Preparation

- **The budget preparation process follows a participative management approach.**
- **Department heads request equipment, materials, software, and resources from faculty and coordinators.**
- **Faculty assess and provide estimated budgets considering relevant factors.**
- **The budget includes projected salaries, maintenance, and other costs, submitted for approval.**
- **Actual expenditures are reviewed in the third quarter, and a revised budget for the current year and estimated budget for the next year are presented.**

File Description	Documents
Paste link for additional information	https://mescoe.mespune.org/wp-content/uploads/2024/12/COMMITTEE_202324.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Strategy Planned and Deployment (2023-24)

Planned Strategy:

- **Provide a robust platform for cognitive expression and promote research among faculty and students.**

Strategy Deployment:

- **The Computer Department organized the national conference "Recent Advances in Computer Engineering (RACE-2024)" on April 4-5, 2024, fostering innovative ideas, research collaborations, and institutional partnerships.**
- **The Electronics and Telecommunication Engineering Department held the International Symposium and Conference on "Networking Industry and Academia to Build Partnership in Excelling Education (SYNERGY 2024)" on April 15-16, 2024, addressing NEP requirements and uniting stakeholders. The event also featured a startup exhibition focused on emerging technologies like AI, IoT, and automotive tech.**
- **The Mechanical Engineering Department organized the International Symposium & Workshop on "Sustainable**

Technology for a Sustainable Future (STSF 2024)" from
March 4-9, 2024, emphasizing sustainable technological
advancements

File Description	Documents
Strategic Plan and deployment documents on the website	**No File Uploaded**
Paste link for additional information	https://mescoe.mespune.org/wp-content/uploads/2024/12/Strategey-plan-Conference.pdf
Upload any additional information	View File

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

Role & Responsibilities:

1. **Internal quality assurance and Autonomy cell. (IQA-A cell)**
   1. Academic Calendar planning & Quality Monitoring
   2. IQAC, Accreditation & Ranking related all activities
2. **Academic Monitoring. (AM Cell)**
   1. Execution & Monitoring of Teaching - Learning Process
   2. Curricular, Co-curricular Student centric activities
3. **Public Relation-Outreach-Admissions-students-industry-system cell. (PRO-cell)**
   1. First year admission process, Students Data, Publicity, media marketing, information dissemination, Students Clubs.
   2. Placements & internship
   3. Extra-Curricular Activities
4. **Research –Innovation- incubation-entrepreneur cell. (R-IIE Cell)**
   1. Grants for Research and developments activities, Labs Development for research, Publications
   2. Entrepreneurship, Consultancy, Testing, MOU with industry, Exchange –Collaboration programs, Staff training, FDP / STTP of subject-course, Conferences-Workshops, Seminars
5. **Funds Endorsement & Grants cell (FEG cell)**

1. Free-ship-scholarship receipt from social welfare-monitoring-liaison, Innovation-incubation Cell, Research Grants-Funds from state-central bodies
2. Planning & development of various activities, Innovation, Entrepreneurship (EDC) and startups. Generation and budgeting of funds for above activities.
6. Services-Amenities-Facility-Environment on campus cell. (SAFE-cell):-
   1. Civil infra Sharing, Planning & development of Civil Infrastructure, Amenities, resources like electricity, water, auditorium, sports facilities, Security, CCTV, Communication, Internet Connectivity. Environment Green campus activities, Lifts & fire safety audit. Analysis and planning for future development, Environment conservation issues

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	https://mescoe.mespune.org/wp-content/uploads/2024/12/Organogram-of-MES-college-of-engineering.pdf
Upload any additional information	No File Uploaded

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination	A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning)Document	No File Uploaded
Screen shots of user inter faces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

The advancement of an institute depends on its employees, and their welfare is a priority. The institute has established various initiatives to support both teaching and non-teaching staff, ensuring a healthy and fulfilling work environment.

Employee Welfare Programs:

- Leave Benefits: Special/study leave for post-graduation/doctoral research, casual leave, maternity leave, medical leave, earned leave, and vacation as per SPPU norms.
- Professional Development: Encouragement for staff participation in conferences, workshops, faculty development programs, and membership in professional societies.
- Financial Support: Loans available through Modern Education Society's Co-op Credit Society and eligibility for retiral benefits like gratuity.
- Healthcare: On-campus medical assistance and group insurance for staff.
- Training: Programs for overall faculty development.
- Uniforms: Provided for Class IV employees.
- Facilities: In-campus bank and ATM services.

File Description	Documents
Paste link for additional information	https://mescoe.mespune.org/wp-content/uploads/2024/12/MES-Credit-society.pdf
Upload any additional information	View File

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

1

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

1

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	**No File Uploaded**
Reports of Academic Staff College or similar centers	**No File Uploaded**
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

32

File Description	Documents
IQAC report summary	**No File Uploaded**
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	**No File Uploaded**
Upload any additional information	[View File](#)
Details of teachers attending professional development programmes during the year (Data Template)	[View File](#)

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

The institute strictly follows the recruitment and promotional policies as stipulated by AICTE, Savitribai Phule Pune University as well as Government of Maharashtra.

Each and every faculty member completes the self-appraisal procedure every year in the format prescribed by SPPU.

- **Self-appraisal is done on the basis of the following points:**
  - **Teaching learning process evaluation**
  - **Specific duties / tasks assigned by Heads of the Department**
  - **Major contribution for the benefit of student/ staff / Institute**
  - **Awards/ rewards obtained by the faculty and staff**
  - **Contribution towards extracurricular and co- curricular activities**
  - **Execution of exam duties assigned by SPPU**
  - **Research contribution of staff in terms of research projects, publications and guidance provided to students for involvement in research**

File Description	Documents
Paste link for additional information	http://sppudocs.unipune.ac.in/sites/circulars/Administrative%20Circulars%20%20Teaching/Yearly%20Appraisal%202020-2021_01.07.2021.pdf
Upload any additional information	**No File Uploaded**

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

The institute has the well-established mechanism for internal as well as external audits. The accounts department is headed by registrar and maintains financial accounts. The financial statements are prepared and submitted to statutory bodies.

The audit for year 2023-24 is carried by Kalyaniwala and Mistry LLP Chartered accounts.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	View File

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

zero

File Description	Documents
Annual statements of accounts	**No File Uploaded**
Any additional information	**No File Uploaded**
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

The institute has established a comprehensive strategy for mobilizing funds that guarantees the efficient use of resources while upholding transparency in financial management. This strategy emphasizes the enhancement of quality.

The main financial resource for the institute is the tuition fee, which is determined by the relevant statutory committee.

The resources are optimally utilized as per the sanctioned budget.

The expenditure heads are as follows-

- **Major component of expenditure - Employee Salaries**
- **Furniture, Laboratory Equipment and Consumables**
- **Industry Collaborative Labs.**
- **Library**
- **Establishing Centers of excellence**
- **Research & Development activities**
- **Training & Placement**
- **Software procurement, up-gradation, and maintenance**
- **Internet facility**
- **Student Services- NSS, Sports**
- **Power and fuel**
- **Printing and Stationery**
- **Postage and telephones**
- **Affiliation and Renewals**
- **Travel and conveyance**
- **Repair, Replacements, and Maintenance**
- **Taxes and licenses**

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	[View File](#)

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

Section 6.5.1: Major Activities and Contributions of IQAC

The Internal Quality Assurance Cell (IQAC) has played a key role in enhancing both academic and administrative quality during the 2023-24 academic year. Key initiatives include:

- **Regular Meetings: IQAC held strategic meetings to review and plan quality initiatives.**
  - **Meeting Dates: 12th February 2024, 21st November 2023.**
- **Conferences, Seminars, and Workshops:**
  - **International Symposium on "Network Security and 5G".**
  - **Session on employability skills by Barclays and Rubicon Foundation.**
  - **IoT SYNERGIA workshop on the Internet of Things.**
- **Collaborative Quality Initiatives:**
  - **AWS Cloud Practitioner Program (25th-30th September 2023).**
  - **Online FDP on "Idea Generation Methods" (13th May 2023).**
  - **Online FDP on Stress Management (27th November 2023).**
- **NIRF Participation: Active involvement in the National Institutional Ranking Framework (NIRF) 2023-24, reflecting a commitment to quality improvement.**
- **Orientation Programs: Programs for teaching and non-teaching staff focused on quality culture.**
  - **Programs: International Symposium on "Network Security and 5G", Stress Management FDP.**
- **Quality Audits: Participation in quality audits for NAAC reaccreditation and NBA accreditation for three programs.**

Conclusion: IQAC has significantly contributed to improving

education, research, and administration, and continues to drive excellence and ongoing improvement.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

The institution systematically evaluates its teaching-learning processes, structures, methodologies, and outcomes through the IQAC to ensure continuous improvement.

In 2023-24, M.E.S. College implemented key initiatives to enhance academic quality, research, and student outcomes. The IQAC forged partnerships with industry leaders, enabling guest lectures, workshops, internships, and placements that gave students valuable insights into real-world applications.

To boost employability, the IQAC organized skill-building activities in AI, Cybersecurity, and Machine Learning, while promoting student entrepreneurship through innovation and patent filing workshops. Faculty development programs were also introduced to enhance teaching effectiveness, ensuring educators were well-equipped to support student learning.

Additionally, the IQAC hosted guest lectures, workshops, and webinars on topics like entrepreneurship and cybersecurity, preparing students for industry challenges. Various departments also organized national-level conferences to foster a culture of research and innovation.

Through these initiatives, the college aimed to create an educational environment aligned with industry needs, enhancing student readiness for the workforce.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	**No File Uploaded**

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)	**A. All of the above**

File Description	Documents
Paste web link of Annual reports of Institution	**Nil**
Upload e-copies of the accreditations and certifications	**No File Uploaded**
Upload any additional information	**No File Uploaded**
Upload details of Quality assurance initiatives of the institution (Data Template)	<u>View File</u>

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

The institution constituted the following committees as per norms laid by University/UGC: Institution Grievance Redressal Committee, Anti-Ragging, Internal Committee and Mentoring Programme cares for the well-being of students and staff in the institution. The institution provides safety and security facilities for the staff and students such as CCTV Surveillance throughout the campus and security arrangement. Students wear ID cards at all times and outsiders are checked by security staff before entering the campus. The institution has a good

mentoring system for the students to take care of their academic, emotional, social and cognitive development. Personal Counselling is provided to the students at different levels. There are separate washroom facilities for girls and boys. The institution has organized several programs in gender equity in curricula. The institution promotes gender sensitization through co-curricular activities like workshops, seminars, guest lectures and counselling by Parent Teacher etc. In accordance with the Nirbhay Kanya Abhiyaan scheme introduced by the Board of student development, SPPU, the college organised a workshop on Implementation of Health of girl students.

File Description	Documents
Annual gender sensitization action plan	https://mescoe.mespune.org/wp-content/uploads/2025/01/Gender-Sensitization-action-plan-2023-24.pdf
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://mescoe.mespune.org/board-of-student-development/

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment	A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	No File Uploaded

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

Solid waste management- In every room, dustbins are placed to collect waste and also centrally wet and dry waste inserted into green and blue big dustbins respectively.

Water Recycling System- Water Harvesting: A network of rainwater harvesting systems ensures continuous recharging of groundwater tables. Institute has successfully implemented a rain water harvesting Project.

E-waste management- The e-waste is taken care of properly. The old unused unrepeatable electronic equipment is disposed of properly.

Hazardous chemicals and radioactive waste management- The chemicals used in chemistry laboratories are disposed of carefully.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

C. Any 2 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

A. Any 4 or All of the above

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways
4. Ban on use of plastic
5. Landscaping

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	No File Uploaded

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	**A. Any 4 or all of the above**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading	**A. Any 4 or all of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	**No File Uploaded**
Any other relevant information	**No File Uploaded**

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

Sr. No.

Details of Activity

Date

1

International Yoga Day -2023

21/06/2023

2

COEP visit "Meri Mati Mera Desh-Kalash Pooja"

26/07/2023

3

Chitrarath- Ganesh Visarjan

28/09/2023

4

Tree Planation

27/07/2023

5

Cleanliness Drive- Swachhta Hi Seva (SHS) Campaign

03/10/2023

6

Fit India Freedom run 4.0

06/10/2023

7

Selfie with Mati" under "Meri Mati, Mera Desh

07/10/2023

8

Voting Campaign

10/10/2023

9

Blood Donation Camp

13/10/2023

10

Stress Management by Dr. Manasi Jadhav

16/10/2023

11

Voice care for professionals by Dr. Milind Bhoi

17/10/2023

12

Movement of Positivity by Mrs. Dhanashree Patil

18/10/2023

13

Expert lecture by Dr. Ujwala Hake

19/10/2023

14

Blood Donation Camp

23/01/2024

15

NSS Special Camp

12/02/2023 to

18/02/2023

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[View File](#)
Any other relevant information	**No File Uploaded**

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

The Institition organizes activities that strengthen our constitutional values and deepen our allegiance and responsibility towards our nation. The National Service Scheme (NSS) and Board of Student Development are two integral bodies under SPPU that commit to programs and activities to inculcate constitutional obligations and patriotism among students and staff.The college fosters community responsibility by organizing blood donation camps routinely. In every camp, around 100 volunteers donate blood.The college renders national service by organizing road-safety awareness programs routinely. Students are informed about traffic rules and regulations and instill the importance of safeguarding human life. To promote a sustainable environment, Swatch Bharat campaigns and Tree

Plantation drives are organized. To protect human lives and property of the college during a disaster, MESCoE organized disaster management workshops. The college also organized awareness drives and mock drills for disaster management in association with the NDRF team. MESCoE organizes a seminar on "Intellectual Property Rights" to create awareness about copyright, plagiarism, patenting, trademark, and several otherrelated aspects to cultivate professional ethics.The college enshrines the sovereign and democratic values of our nation by commemorating the Independence Day and the Republic Day annually. Constitution Day is celebrated every year in college.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://mescoe.mespune.org/national-service-scheme/#abouttab3
Any other relevant information	Nil

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized	C. Any 2 of the above

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	**No File Uploaded**
Any other relevant information	**No File Uploaded**

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

Modern Education Society's Wadia College of Engineering celebrates national and international commemorative days to implant constitutional responsibilities, to engrain patriotic spirit and to encourage unity among fellow citizens. 1. Independence Day and Republic Day are celebrated in the college by hoisting the Indian flag. 2. International Women's Day is celebrated on 8th March.

3.International Yoga Day is celebrated on 21th June. 4.Teachers Day is celebrated on 5th September. 5.Engineers Day is celebrated on 15 th September by organizing various activities like expert talk on advanced technology, eco-social roles of engineers in society. 6.Gandhi Jayanti Celebrated on 2nd October.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	**No File Uploaded**

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Title of the Practice: 'Industry Institute Interaction'

Goal: Main objective is to establish and maintain relationships with the corporate world through MoUs, Centre of Excellence, sponsored projects, industrial visits and in-plant training for students and faculty members.

The Context: Institution has taken initiative to interact with various industries through the Industry Institute Interaction committee that maintains professional relations with industries.

Practice:

1. Membership of Professional Technical Bodies:

2. MoUs with industries -

3. Lab development under Center of Excellence

4. Industrial visit, Guest Lecture, -

5. Promotion to do internship and industry sponsored project for students -

6. Curriculum development at par with industry requirement

Best Practice II

Title of Practice: Student Skill Development Activity

Goal: Development of students' technical skill and job skills necessary for industries through Co- curricular and extracurricular activities.

The Context: Co-curricular activities are significant for enriching students on an emotional, cognitive, physical, and social level. At the same time, extracurricular activities incorporating NSS, art and music can play a vital role in nation-building, psychomotor development and dexterity.

The Practice:

1. Formation Different Student Chapter

2. Co-Curricular and Extra Co-Curricular Activities

3. Development of laboratories with the latest experimentation facility

4. Support for Internship and Sponsored Project

5. Provision of E-content for advance Learning (NPTEL, video Lectures.

6. Formation of Students Clubs

File Description	Documents
Best practices in the Institutional website	https://mescoe.mespune.org/national-assessment-and-accreditation-council/#abouttab6
Any other relevant information	**Nil**

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

Institute has taken special efforts to develop the research culture among both staff and students. Institute is always keen to provide and build an environment which can promote and encourage research in not only core areas but also in multidisciplinary areas. Institutes believe that to promote the research in the students, the faculties must be equipped with knowledge and process related to research areas. This is achieved by continuously promoting the faculty to pursue higher education like PhD through special duty leaves to attend research work and conferences, research Lab etc. Institutes also promote organization of conferences to create a platform for sharing of latest knowledge and bring together researchers from different areas of the nation. This has helped the institute to have a maximum number of faculties with PhD qualification and some as PhD Guide.

File Description	Documents
Appropriate web in the Institutional website	[View File](#)
Any other relevant information	**No File Uploaded**

7.3.2 - Plan of action for the next academic year

Implementation of Academic Autonomy

1. Apply to SPPU and UGC for 2(f) status as a prerequisite for Academic Autonomy

2. Formation of various councils/commiittee

Expansion of library space and setupof reading room.

Infrastructure development for additional intake in Computer Engineering and for the new branch Automation and Robotics.