YEARLY STATUS REPORT - 2022-2023

Part A

Data of the Institution

1.Name of the Institution — Matoshri College of Engineering and Research Centre

- Name of the Head of the institution — Prof. Dr. Gajanan K. Kharate

- Designation — Principal

- Does the institution function from its own campus? — Yes

- Phone no./Alternate phone no. — 02532406611

- Mobile no — 9604788280

- Registered e-mail — matoshricoe.hr@gmail.com

- Alternate e-mail — gkkharate@rediffmail.com

- Address — Eklahare, Near Odha Gaon, Aurangabad highway, District-Nashik

- City/Town — Nashik

- State/UT — Maharashtra

- Pin Code — 422105

2.Institutional status

- Affiliated /Constituent — Affiliated

- Type of Institution — Co-education

- Location — Rural

- Financial Status — **Self-financing**

- Name of the Affiliating University — **Savitribai Phule Pune University, Pune**

- Name of the IQAC Coordinator — **Dr. Amol Balasaheb Saner**

- Phone No. — **02532406600**

- Alternate phone No. — **02532406641**

- Mobile — **8551996633**

- IQAC e-mail address — **iqac.mcoerc@gmail.com**

- Alternate Email address — **dramolsaner@gmail.com**

3.Website address (Web link of the AQAR (Previous Academic Year) — https://engg.matoshri.edu.in/iqac/iqar/2021-22

4.Whether Academic Calendar prepared during the year? — **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: — https://engg.matoshri.edu.in/academic-calender/2022-23

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**B**	**2.14**	**2016**	**19/02/2016**	**18/02/2021**
Cycle 2	**B++**	**2.97**	**2022**	**06/09/2022**	**05/09/2027**

6.Date of Establishment of IQAC — **20/01/2016**

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
Nil	**Nil**	**Nil**	**Nil**	**Nil**

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   `4`

- 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)

`NIRF Ranking`

`Orientation Programme, Refresher Course, FDP, workshops conducted & attended by college faculty members`

`Publications`

`Applied for NBA of Electrical, IT and Civil Engineering`

`Organization of NSS camp in adopted village`

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
`Applied for NIRF Ranking`	`Participated in 2022-23`
`Orientation Programme, Refresher Course, FDP, workshops conducted & attended by college faculty members.`	`The IQAC has created a forum for sharing information among the young faculty members regarding different courses conducted by various HEI across the country. The number of department had organized FDP, workshops. The number of faculty members of respective department has attended Orientation programme,`

	Refresher Course, FDP, workshops.
Publications	The total Number of publication more than 60. Some papers are published in reputed journal.IQAC felicitate Dr Varsha patil and Dr S.A.Bhavsar for paper published in Springer journal.
Applied for NBA of Electrical, Information Technology and Civil Engineering	SAR submitted, Electrical and Information Technology Department got accredited
Organization of NSS camp in adopted village	NSS camp was conducted on 21/01/2023 to 27/01/2023 at Malsakore Gaon, Tal-Niphad,Dist-Nashik. Several programmes were conducted during NSS camp.A street play was performed to aware about Farmers Suicide at the village
Student initiative programmes	Students conducted Ganesh festival on 13/09/2022 to 18/09/2022. Several programmes were conducted during Ganesh festival
Teaching and Learning	Development of smart class rooms with state of art facilities. Use of more LCD and laptops in teaching and learning
Academic audit	Conducted for academic year 2022-23
Green, Energy & Environmental audit	Certified for academic year 2022-23

13.Whether the AQAR was placed before statutory body?

Yes

- Name of the statutory body

Name	Date of meeting(s)
Governing Body	22/07/2023

14.Whether institutional data submitted to AISHE

Part A	
Data of the Institution	
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• Name of the Head of the institution	**Prof. Dr. Gajanan K. Kharate**
• Designation	**Principal**
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• Registered e-mail	**matoshricoe.hr@gmail.com**
• Alternate e-mail	**gkkharate@rediffmail.com**
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• City/Town	**Nashik**
• State/UT	**Maharashtra**
• Pin Code	**422105**
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• Affiliated /Constituent	**Affiliated**
• Type of Institution	**Co-education**
• Location	**Rural**
• Financial Status	**Self-financing**
• Name of the Affiliating University	**Savitribai Phule Pune University, Pune**

• Name of the IQAC Coordinator	**Dr. Amol Balasaheb Saner**
• Phone No.	**02532406600**
• Alternate phone No.	**02532406641**
• Mobile	**8551996633**
• IQAC e-mail address	**iqac.mcoerc@gmail.com**
• Alternate Email address	**dramolsaner@gmail.com**
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• If yes, mention the amount	

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- Name of the statutory body

Name	Date of meeting(s)
Governing Body	22/07/2023

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2021-22	16/01/2023

15.Multidisciplinary / interdisciplinary

In view of NEP 2020, Matoshri College of Engineering & Research Center has taken steps towards offering the multidisciplinary/interdisciplinary courses. Courses such as Humanity and social science, business communication skills are conducted for the students. Interdisciplinary projects to solve social problems are developed by the students as the part of project based learning and final year projects. Design and developed Multidisciplinary audit Courses.

16.Academic bank of credits (ABC):

Matoshri College of Engineering & Research Center is affiliated to Savitribai Phule Pune University (SPPU) and has the credit based system. All the students and staff of all Faculties have created academic bank of Credit Account.

17.Skill development:

Matoshri College of Engineering & Research Center has designed the skill development programs (SDP) in various domains. The college had established the separate career guidance cell. The career guidance cell is constituted by three members, of which two are the senior faculty from the departments and one is the non-teaching staff. The career guidance cell works in tandem with Training and Placement Cell.

The objectives of Career Guidance Cell are: To conduct the survey of pre-final year students about the inclination of their career; to provide the necessary infrastructural facilities; to conduct the career guidance activities; and communicate the students about the career opportunities and career guidance. For career advancement Students are highly encouraged to prepare for the competitive examinations. In- house training support is provided to raise the aptitude of the students and these sessions help the students to develop soft skills and necessary interviewing techniques.

Various subject experts at the institute are guiding and teaching the students who are appearing for the GATE examination. Regular coaching is available in-house. Experts from various government departments and civil services are invited to deliver the expert talks to motivate and guide the students. Japanese language training has been provided for the interested students and in last three years 120 students have been benefitted from it.

Entrepreneurship related guidance is being provided for the aspirant students.

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

The istitute regularly organise various activities to acquaint the students about the heritage, culture and historical legacies confined to dissiminating knowledge about architecture, music, mathematics, science, medicines, litrature and astronomy.

Matoshri College of Engineering & Research Center has the student club for various activities in Marathi, Hindi and other languages. Various programs are arranged through the club to inculcate the Indian culture. The music club of MCOERC, established in the year 2020. The sole vision of the club is to Connect the divine through rhythms and ragas. The club has performed various activities on occasions, festivals throughout the year. To introduce the knowledge of Bagavatgeeta department arranged the session of ISKCON Priest

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

Matoshri College of Engineering & Research Center has well defined Program Outcomes (PO), Program Specific Outcomes (PSO) and Program Educational Objectives (PEO) for each program. The POs, PSOs and PEOs are satisfied through the teaching-learning process and the additional programs conducted at the Institute. As the part of curriculum, each course has defined Course Outcomes (COs) those are mapped to POs and PSOs. Assessment tools are designed considering the requirements of POs. The C0-curricular and extra-curricular activities and programs are organized in the Institute to attain the POs. At the end of the semester, analysis of PO, PSO attainment is done by each department.

20.Distance education/online education:

The Institute is affiliated to Savitribai Phule Pune University, Pune. As per the guidelines of University, all lectures and

practicals are conducted in physical mode. During pandemic, the system has adopted the change from classroom teaching to blended learning. Google drive, Google classrooms are effectively used for course conduction and evaluation process. Each course contents are available on Goggle classroom including syllabus, PPTs and notes. The assessments of the courses are done through online assignments and quizzes. The MCQ tests are conducted using Moodle platform. Online sessions are conducted and recorded on Google meet. Various student activities are conducted online using Google meet.

Institute has its own portal as https://learning.matoshri.edu.in/, which is a digital repository and for access of video lectures. Link is available at home page of institute website https://engg.matoshri.edu.in/ (https://engg.matoshri.edu.in/).Through an online portal, video lectures and supporting learning materials are made available for the students. Video lectures are prepared as per university prescribed curriculum for all the theory and laboratory courses. Besides that few topics beyond curriculum are covered. Each course video lecture series is outlined with clear objectives, outcomes and plan. At present the video lectures available at portal include-Number of Courses:156, Total number of video lectures:2411, Average duration of one video lecture:35 min Overall feedback: Excellent, Total size:400 GB. Every course's

video lecture series includes pre-recorded lectures, resource materials, lecture notes and assignments. Some of the courses have self assessment tools like case studies, quizzes, puzzles, tests and simulations. It serves as any time anywhere learning aid and own motivation for students to learn the course without any constraints fostering the habit of self-study. The videos and related material are reviewed by the competent experts and Feedback is collected from students and senior teachers online.

Based on suggestions and recommendations of experts and feedback, corrective measures are taken to improve the quality of video lectures and learning material. It is observed that students appreciate the availability of recorded lectures, which leads to higher course satisfaction.

Outcomes and Impact-

- Anytime anywhere learning at an individual pace.
- Opportunity for self-study and self-testing improved learning with different topic difficulty learning without

- any obligation.
- Opportunity for multidisciplinary learning.
- Higher count of elaborations, practice of solving numerical and problems with varying complexities
- Easier way for revision and better understanding through practice questions and assignments.
- Overall more effective learning.
- Improvement in quality of the teaching

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	**384**

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

2.Student

2.1 Number of students during the year	**2013**

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	**345**

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

2.3 Number of outgoing/ final year students during the year	**509**

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

3.Academic		
3.1 Number of full time teachers during the year		**126**

File Description	Documents
Data Template	View File

3.2 Number of sanctioned posts during the year		**155**

File Description	Documents
Data Template	View File

4.Institution		
4.1 Total number of Classrooms and Seminar halls		**42**
4.2 Total expenditure excluding salary during the year (INR in lakhs)		**764.87**
4.3 Total number of computers on campus for academic purposes		**955**

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 follows the curriculum prescribed by the affiliated Savitribai Phule Pune University. Annual calendar is published by the University, and based on University calendar; departmental academic calendar and activity calendar. The well defined and documented processes for academic planning, continuous monitoring, examinations, and quality assurance are as follows

- **Planning: The choices of elective courses are collected from the students, course preference for teaching is collected**

from teachers and accordingly courses are allotted to the teachers. The course file and Lab manual is prepared by respective course instructor. Faculty prepares teaching plan, laboratory plan, test plan, assignment plan, and pedagogical plan and verifies the readiness of laboratory resources for the conduction.

- **Execution and Monitoring:** The curriculum is well transacted Self Study Report of MATOSHRI COLLEGE OF ENGINEERING AND RESEARCH CENTRE to the students adhering to teaching and lab conduction plan with various pedagogical methods. Effective implementation of curriculum is periodically monitored and reviewed.
- **Continuous Internal Evaluation:** In semester, internal examinations are conducted to assess the students' performance. The efforts are taken to improve the performance of weak students and additional assignments are given to bright students.
- **Pedagogical initiatives taken by the College:** Different pedagogical initiatives are taken by the faculty for improving quality of teaching-learning and laboratory work.

File Description	Documents
Upload relevant supporting document	**No File Uploaded**
Link for Additional information	https://engg.matoshri.edu.in/academic-calender/2022-23

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

The guidelines of annual calendar are provided by the university. Based on the guidelines, each department of the institute prepares its own departmental academic calendar. Academic Calendar for each semester is prepared by the department Program Coordinator (DAC) in the consultation with the HoD before commencement of each semester. Academic calendar includes details of commencement of academics, internal test examinations, Internal, prelim exam, placement guidance sessions, mock practical exam, external PR Exam, External Theory exam and industry visit. The well-defined processes for academic planning, and continuous monitoring support conscious efforts to assure adherence to it. Course instructors record the attendance during lectures and lab sessions. Timely and proper delivery of the curriculum is observed by class coordinator and DAC. These records are observed by class coordinator weekly,

by head of department monthly and corrective measures are taken, if required. Monthly attendance and academic reviews are prepared by the department and these are observed by Academic Dean and Principal. Periodic monitoring, review and feedback of the delivery and transaction are collected and analyzed further and necessary actions are taken. The activities of curriculum delivery, planning, implementation, monitoring for adherence to academic activities as planned and post processing of academic execution.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://engg.matoshri.edu.in/academic-calender/2022-23

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

A. All 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

12

File Description	Documents
Any additional information	View File
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)

31

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	**No File Uploaded**
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

1779

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

The institute follows the curriculum prescribed by the Savitribai Phule Pune University. The curriculum design and development process is carried out by the affiliating university based on the needs of the society. Curriculum is revised at regular intervals. The institute/department/BoS collects regular feedback from all stakeholders, viz., students, parents, faculty members,

professional bodies, and recruiters. The suggestions proposed are
analyzed and the recommendations are communicated to the
affiliating University though Dean (Faculty of Science and
Technology), Chairman and member of Board of Studies, and during
curriculum design and development workshops. Some of the senior
faculty members are representing as Dean, Chairman or member of
Board of Studies. Earlier version and present curricula includes
the topics such as environmental studies, Safety, security,
ethics, social awareness, humanity and social science,
professional Code of Conduct and similar subjects. To supplement
the cross cutting issues such as Gender, Climate Change,
Environmental and sustainability, Human Rights, ICT, Human values,
special efforts are put various platforms and activities as-
Grievances Redressal Cell, Women Grievances Redressal Cell, Sexual
Harassment Redressal Cell ,SC-ST Support Cell, Anti-ragging Cell
exists in the institution, Active NSS Chapter and student clubs at
each department regularly conduct various events/ programs.

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

62

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

2158

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

A. All of the above

File Description	Documents
URL for stakeholder feedback report	https://engg.matoshri.edu.in/feedback
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	*View File*
Any additional information	**No File Uploaded**

1.4.2 - Feedback process of the Institution may be classified as follows

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	**No File Uploaded**
URL for feedback report	https://engg.matoshri.edu.in/feedback

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

481

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

372

File Description	Documents
Any additional information	View File
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

The institute has the scientific and systematic methodology for the assessment of the learning levels of the learners. The methodology heavily relies on internal assessment, university

examination results, participation in various curricular and co-curricular activities and responses received in classroom and laboratories. To ascertain the learning level of the learner in question is a big task and it is carried out by Course Instructors, Mentors and Class Coordinators through continuous monitoring of the students' academic performances, interactions in mentor sessions and their participation in various curricular and co curricular activities. Advanced Learners are fed with the assignments and tasks identified as higher level of learning. The atmost care has been taken to satisfy their intellectual needs so as to deal with their intellectual appetite. Slow learners are identified as slow learners who have the problems of lapse in concentration and weak in grasping the course contents and they cannot exhibit the expected level of performance in academics. The Institute has the dedicated staff participating in academic counseling process mostly confined to slow learners. Mentors too have the cordial relationship with the mentee to understand and resolve the problems of slow learners.

File Description	Documents
Paste link for additional information	https://learning.matoshri.edu.in/
Upload any additional information	No File Uploaded

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

Number of Students	Number of Teachers
2013	126

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 following practices, methodologies and initiatives have resulted in enhanced learning experiences.

Industry and Field Visits-

Industrial visits and field visits are periodically organized to

understand the industrial working, use of technologies, and use of modern tools.

Internships-

Many Final year students and few pre-final year students undergo industry internships during summer and winter vacations.

Project Based Learning-

In project-based learning students solve problems; get hands-on experience of using real world problems, modern tools, equipment, instruments.

Field work-

The programmes like Civil engineering have courses related to surveying. Students perform technical surveys to analyze the components confined to Engineering domain.

Participation in technical, co-curricular events and Competitions-

Institute takes keen interest to motivate and promote the students for participation in various events, competitions and hands on workshops and trainings.

Visits to various expos and Exhibitions-

Students participate and visit various exhibitions and acquaint with exposure to current trends in technology. It adds to competitiveness of students.

Pedagogical techniques with efficacy-

They use various pedagogical techniques such as demonstrations, group discussions, group tasks and quizzes during the teaching-learning process.

MoUs and Industry Sponsored Labs-

Institute has collaborated and signed MoUs with few industries and Industry set up few labs and training programmes.

File Description	Documents
Upload any additional information	**No File Uploaded**
Link for additional information	https://engg.matoshri.edu.in/academics/mechanical/achievements

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

The faculty of the Institute effectively use ICT enabled teaching learning methodologies and suitable technologies for content delivery and learning. The methodology adopted, ICT tools and resources used are briefly described here.

Multimedia and Digital Content Delivery through ICT tools and resources:

- **The sets of video lectures are prepared by each course instructor in the meticulous supervision of Institute head. These video lectures are available on named Matoshri Knowledge Base at learning.matoshri.edu.in.**
- **While preparing the Video lectures the course instructors use modern software, modelling software, compression tools, and an effective blend of appropriately identified components.**
- **The course instructors and laboratory instructor have elaborated the real world examples to improve the understanding of the students through video lectures. Class rooms and laboratories.**
- **Seminar halls and auditorium are equipped with audio- visual aids that includes projector, Public Address system and internet connectivity with ambience.**
- **Faculty use the ICT enabled infrastructure available in class rooms, laboratories and conference halls for the delivery of contents.**
- **Central library of the institute is ICT enabled with Personal Computers, internet connectivity, access to institutional repository of class notes, e-Books, e-Journal subscriptions and library OPAC system.**

File Description	Documents
Upload any additional information	[View File](#)
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	**No File Uploaded**

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

114

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	[View File](#)
Circulars pertaining to assigning mentors to mentees	[View File](#)
Mentor/mentee ratio	[View File](#)

2.4 - Teacher Profile and Quality

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

126

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

21

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

905

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 internal assessment process is carried out transparently as a part of teaching-learning process covering assessments for internal evaluation of laboratory courses' term works, seminars, project based learning, and final year projects. Workbooks for seminars, project-based learning, and projects are provided to the students in advance.

Laboratory work/term work: Internal Assessment

- **Continuous assessment of each Laboratory term work head is carried out and known to the students. The laboratory work evaluation is the basis for the award of term work marks.**
- **Two internal examiners are appointed for each course's Term work which has an examination head as Term Work. Final term work marks are displayed at the end of each semester for student information.**
- **Students are free to interact with the course instructor to**

resolve grievances.
- Seminar and the final year project internal assessment is transparently carried out based on rubrics of evaluation.
- In Project Based Learning, learners are supposed to complete the Laboratory Projects.
- Seminar work confined to the pre-final year students needs a thorough literature survey and seeking approval from the seminar guide.
- For the final year Project work, the mentor guides the student to the completion of the project

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	https://engg.matoshri.edu.in/academics/it/syllabus

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

The Institute has Examination Cell that takes care of smooth conduction of various internal and external examinations. The committee belonging to the Examination cell is responsible for addressing and resolving the issues / grievances related to internal and external examinations. The Cell observes transparency in dealing with the issues /grievances and most of the grievances are addressed and resolved in due course of time. External (University) examination grievances are addressed by examination section under the supervision of Examination Committee as per the process laid down by the SPPU. To bring transparency in external examination related grievances, a separate large sized notice is displayed at examination section detailing general instructions and the processes to be followed for grievance redressal and the departments are informed time to time regarding the issues. Grievances and issues related to examination, assessment and Certificates are resolved by the institute with the help of Examination Section. With students application and necessary documentation such cases are communicated to the affiliated University for necessary action. Following is a typical process followed to resolve the grievances related to the external examination.

1. Application for obtaining photocopy of assessed answer sheets

2.Application for verification and re-evaluation.

File Description	Documents
Any additional information	**No File Uploaded**
Link for additional information	https://engg.matoshri.edu.in/exam-committee

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.

Program Outcomes (POs) and Course Outcomes (COs) of the all the programmes and courses are stated and communicated to the learners through institute website and using display boards at chosen prominent places in the respective department. Program Outcomes (POs) are framed following the NBA defined program outcome statements. The Graduate attributes stated by NBA are accommodated while framing the Program Outcomes (POs). All Course Outcomes (COs) contribute towards attainment of Program Outcomes (POs).

Mechanism of Communication of POs and COs: Every Programme's Program Outcomes and every Course's Course Outcomes are well defined, published and disseminated among various stakeholders to acquaint them through-

- Institute website -https://engg.matoshri.edu.in.
- Display Boards in the Laboratories..
- Matoshri knowledge base- https://learning.matoshri.edu.in.
- Course Files, prepared by course instructor for every course they teach.
- Conveyed during teaching learning process.
- Printed on laboratory manuals, project log book and seminar log book.

Course Outcomes (COs) are communicated to the learners through the following ways:

- COs are published through institute
- Website https://engg.matoshri.edu.in
- COs are made available for the ready reference of the learners through course syllabus copies, notes, hand-outs, lab manuals.

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

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

The Institute has a well defined process of evaluating attainment of programme outcomes and course outcomes. Since the Institute is affiliated to State University, the evaluation parameters are defined by the University and are clearly described in the curriculum provided by the University. The heads used for evaluation are Theory Paper, Practical, Oral, Project, Seminar and Term Work. In addition to these, the Institute uses its own heads for the evaluation at Institute level. The heads used for the evaluation at the Institute level are Test Exams, Assignments, Mock Practical Exams and Reports.

The evaluation of Course Outcomes is carried out by the External Evaluation Process, which is carried out based on assessment tools used at University and Internal Evaluation Process which is carried out based on assessment tools used at Institute level. For the evaluation the results of University exams and internal evaluation records are considered as data for the evaluation process

Attainment levels defined for both internal and external assessment are:

Level 1: 50% students scoring more than or equal to set attainment level.

Level 2: 60% students scoring more than or equal to set attainment level.

Level 3: 70% students scoring more than or equal to set attainment level

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

322

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	**No File Uploaded**
Paste link for the annual report	https://engg.matoshri.edu.in/naac/iqac/aqar/2.6.3/2024

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://engg.matoshri.edu.in/naac/iqac/aqar/2.7/2024

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)

0

File Description	Documents
Any additional information	**No File Uploaded**
e-copies of the grant award letters for sponsored research projects /endowments	**No File Uploaded**
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

09

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

0

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	**No File Uploaded**
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

The Institute got permission from AICTE and the approval for five PG programs. These programs are run by the institute and state-of-

theart infrastructure has been established by the institute to support the research activities of the students and staff. The institute has recognition by the affiliated University for the three Research Centers, Ph.D. programs. The number of Researchers who have completed their research work in the last five years is 19 and currently, 55 research scholars are pursuing their Research. Thirteen Research Guides are available at the Research Centre. The Institution has a research committee to monitor and address the research activities. The committee comprises of- Chairman- Principal Dr. G. K. Kharate R&D Coordinator- Vice- Principal Dr. V. H. Patil Research Center Coordinator- Dr. J. J. Chopade Member- Dr. J. H. Bhangale 03 external subject experts The committee has a working plan to emphasize the research component related to the projects undertaken. And the processes related to the research are closely monitored and necessary recommendations and suggestions are sought from time to time. The committee has recommended that the research scholars are expected to register for IPR/Patent, quality publications and motivate the faculty to register for Ph.D. Recently the Institute has got the Incubation Centre at the Institute under the umbrella of the affiliated University.

File Description	Documents
Upload any additional information	No File Uploaded
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

2

File Description	Documents
Report of the event	View File
Any additional information	View File
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

29

File Description	Documents
URL to the research page on HEI website	https://engg.matoshri.edu.in/admissions/phd
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

56

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

13

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

Our institute has a National Service Scheme (NSS) unit which is sanctioned by the affiliated University, Savitribai Phule Pune University with a sanctioned strength of 100. The prime objective of affiliated University is to sanction the NSS unit and provide financial support for National Service Scheme (NSS) so as to give an extension dimension to the higher education system and orient the student youth to community service while they are studying in an educational institution. It helps to understand the problems of the community, to take the part in social activities, and interact with society. Every year the NSS camp is organized for the duration of 7 days in a rural area, which is monitored by the University coordinator. The separate budget is sanctioned by the Institute for the NSS camp and other activities. The NSS Program Officer who has got the approval from the University has to submit the detailed annual report and Audit report to the University for Continuation of the NSS unit.

In Academic Year 2022-23, NSS Unit of our institute have organized more than 15 regular activities and a 7 day Special camp. NSS camp was conducted on 21/01/2022 to 27/01/2023 at Mhalsakore Village, Tal-Niphad, Dist-Nashik. Several programmes were conducted during NSS camp. A street Play was performed on 'Farmers Suicide ' during the camp.

File Description	Documents
Paste link for additional information	https://engg.matoshri.edu.in/nss
Upload any additional information	No File Uploaded

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

1

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	[View File](#)

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

15

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

803

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

755

File Description	Documents
e-copies of related Document	**No File Uploaded**
Any additional information	View File
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

24

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.

Institute has a scenic landscape, aesthetic architecture, ecofriendly environment, spacious classrooms, drawing halls, well equipped laboratories and good infrastructure spread over 10

acres. The Institute has well-furnished, spacious, well ventilated and well illuminated classrooms. Classrooms are maintained as per norms for proper visibility and audibility. The classrooms are equipped with adequate furniture, blackboard, projectors, fans, lights and power backup. More than 50% of the classrooms are provided with LCD projectors and LAN / Wi-Fi connectivity. The Institution has domain centric laboratories as per the rules and regulations of AICTE and Savitribai Phule Pune University, Pune. All equipments are always checked for faults, calibration and wear and tear and accordingly proper actions are taken. Before the commencement of every semester faculties ensure the availability of required software/equipment for the smooth conduction of the laboratory experiments. Laboratories are equipped with sufficient hardware and/or software to run program specific curriculum and adequate number of personal computers are available for the smooth conduction of the experiments. The college has the seminar halls and conference hall with LCD projectors and screens, audio systems, white boards and a computer with Internet connectivity for conducting hands-on, courses, co-curricular activities/extra - curricular activities, parent teacher meetings, campus recruitment training classes, campus recruitments, meetings, seminars, conferences, webinars, guest/expert lectures, and workshops for students and faculty.

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

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

The Institute has set up the Cultural Club. The members of the Club are three staff members: one of them is the Chairman, Cultural Secretary which is elected by the students, and three student members those are nominated by Chairman, Cultural Club.Separate room is available for the Cultural Club and the most of the musical instruments are available. The cultural events are organized during NSS camp, Annual Social Gathering and Farewell functions. The cultural activities organized under the Cultural Club are : Singing, Dancing, Drama, Skit, Mimicry, Antakshari, Instrumental, Anchoring, Fashion Show, Photography, Sketching, Rangoli, Painting, Decorations, Mismatch day, Group day, Traditional day, Sari day, Tie day, Halloween day, and Street

Plays. The Institute has developed Two Volleyball Courts, a Basketball court, Kabaddi and Kho- Kho grounds, Cricket ground, Football ground and indoor facilities for Table Tennis, badminton, Chess, and Carom. In addition to this to maintain the fitness separate green gymnasium and yoga hall are available in campus.The institute has a Green Gymnasium in the premises for enthusiasts and those having the fitness concern.Separate Yoga Hall is also available for Yoga practices. Institute celebrates Yoga day every year and organize Yoga based programmes for staff and students.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://engg.matoshri.edu.in/facilities/bus

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

20

File Description	Documents
Upload any additional information	**No File Uploaded**
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)

110.60

File Description	Documents
Upload any additional information	**No File Uploaded**
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)

Institute has set up the Library facility at the department level and at central level named as Department Library and Central Library respectively. The department Library includes set of books only. The Central library has rich collection of text books, reference books, handbooks in form of hard copies and e-books. The hard copies available in the library are 15539 volumes and in excess of 8832 e-books. The Institute has a Membership of NDL, which provides the online access to various learning resources such as audiovisual and text resources. The library has subscribed 89 Print Journals, Magazines. In addition to this the Institute has subscribed for DELNET which provides access to 10839 free E-books in 709 categories and 400 e-journals for engineering and technology. Daily newspapers and periodicals are available in the Library. As per the decision taken by the Statutory Body of the affiliated University about the access of Jayakar Library for the affiliated colleges, the remote access to the Affiliated University's Jayakar Library is available for ejournals and e-books databases. Jayakar Library has a rich collection of e-journals and e-books. The Central Library has a separate digital library equipped with 27 nos. of computers with internet and intranet facilities.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for Additional Information	https://engg.matoshri.edu.in/library

4.2.2 - The institution has subscription for the **A. Any 4 or more of the above**
following e-resources e-journals e-
ShodhSindhu Shodhganga Membership e-

books Databases Remote access toe-resources

File Description	Documents
Upload any additional information	**No File Uploaded**
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)

3.1

File Description	Documents
Any additional information	**No File Uploaded**
Audited statements of accounts	**No File Uploaded**
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

187

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 an extensive use of ICT resources by providing adequate access to computers and internet to its students and faculty. The Institute has procured the necessary hardware and

software progressively, depending on academic requirements, technological updates, upgrades and special requirements. The Institute has a Central Server, from where the internet access is routed in the Institute. The networking of the computing resources has been designed, installed, monitored and maintained inhouse by the Institute. Back-up server is also available at the central networking place. The central Server room is provided with adequate cooling and power backup. Currently 900 computing nodes are connected to the wired intranet. The switching and routing equipments used in the networking are robust and efficient enough to satisfy the needs of the end-users. The Institute has purchased the web space to upload and maintain the video lectures of the teachers. Starting with 2 Mbps leased line at the time of establishment of the Institute the Institute has upgraded and increased the bandwidth to total 114 Mbps today. All the classrooms, programming laboratories, seminar halls, Library, Office, HoD cabins and auditorium are connected with high speed internet. WiFi facility is available inpremises for the users.

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

4.3.2 - Number of Computers

955

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	[View File](#)
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)

576.03

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.

Laboratory Maintenance- All the laboratories are spacious and well. Periodical maintenance is carried out in all laboratories. In house servicing of the lab instruments are done every six months. Major repairs are outsourced by following the procedure of the institute. Consumables are purchased every year. Instruments are calibrated wherever required. Lab assistant, faculty members are trained to do the repairs as applicable. Library maintenance- There is regular stock verification process carried out by the library. A file is maintained which contains the stock verification reports carried out at different intervals. Physical verification of the library stock is the process by which the accession register is tallied with the books in the library. Sports facility Maintenance- The sports facilities of college are maintained by physical education department. A stock register and an issue register are maintained to ensure the proper handling of thesports items. Stock verification of the sports items is conducted at the beginning of each semester. Regular maintenance of the play area is conducted under the supervision of Sports' In-Charge and faculty sports coordinators. Computer Maintenance- All necessary software are installed and maintained. Systems In-Charge is functioning in the campus for resolving the issues like hardware trouble shooting, software installation, Maintaining Biometric devices and network related issues are monitored and maintained.Classroom Maintenance- At the beginning of each

semester the readiness of the classrooms are checked by the facility management team. Regular inspection, maintenance of the classroom furniture's is carried out.

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

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

1778

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<u>View File</u>
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

241

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

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	**No File Uploaded**
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

1459

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

1459

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

A. All of the above

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

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	View File
Details of student grievances including sexual harassment and ragging cases	View File

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

155

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded
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

4

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

2

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.

12

File Description	Documents
e-copies of award letters and certificates	[View File](#)
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 college has a student council formed as per the guidelines given by SPPU University. Student's Council consists of student members besides faculty members. The council is chaired by the Principal of the Institute. The topper is a student having the highest marks/GPA in the recent examination in his class. The topper student is selected as a class representative (CR) of his class. All the CRs from the classes are members of the committee besides this the council has representation from the NSS unit. The council has one Sports secretary, one Cultural Secretary, and Ladies' representatives are nominated by the committee. One of the members of the council is selected as University Representative. The activities of the student council include the organization of Tech-feast in each academic year to motivate students to participate in technical and non-technical events. The students are participating in the organization of the annual social gathering, also they participate in the celebration of nationally important days like Independence day, Republic day, etc., to develop the feeling and sense of nationalism and also celebrate Teacher's day & Engineers Day. Council also organizes events like Ganesh Festival, Dahi Handi, Shiv Jayanti, various cultural days, and art gallery events. The role and responsibilities of Student Representatives are to disseminate the information from the college administration to all students and organize co-curricular, extra-curricular, and social events, organize programs in NSS, and maintain a conducive and antiragging environment in the hostel and college premises.

File Description	Documents
Paste link for additional information	https://engg.matoshri.edu.in/nss
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

1035

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

Alumni Association Registration Number.: 473224 Objectives

This Alumni Association is aims to provide a common platform for all Alumni of this institution and:

- **To promote networking amongst MCERC. Alumni.**
- **To foster overall development of students with cooperation of alumni and college.**
- **To create awareness of technological development and new trends in research.**
- **To enable locating long-lost friends from college, to revive old memories and create some new ones.**

- To build industry relations with the help of alumni to promote placement of the students.
- To organize advanced courses, camps, educational visits, workshops, research guidance lectures, demonstration classes etc. for the students.
- To encourage the students for research projects and patent consultancy.
- To arrange and organize lectures, debates, discussions, seminars and the like from time to time on diverse academic subjects for diffusion, acquisition and development of knowledge of the students .
- Recognize the achievements of the alumni

MCERC Alumni Governing Body

Name

Designation

RAVI ASHOK PATIL

president

DATATTRAY SAHEBRAO SHINGATE

Vice president

DEEPAK PADMAKAR PATIL

Secretary

VIKAS SURESH DAUND

Treasurer

MONALI RAVINDRA BORADE

Members

PARAG SHIVAJI DESALE

Members

TOSHNIL HARIBHAU BHOSALE

Members

CHETAN PRAMOD MALPATHAK

Members

PRAGATI BALASAHEB BHAPKAR

Members

VITTAL ABAJI CHORMALE

Members

DR. GAJANAN KASHIRAM KHARATE

Members

File Description	Documents
Paste link for additional information	https://engg.matoshri.edu.in/alumni
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)   **D. 1 Lakhs - 3Lakhs**

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

Governance in college functions through Governing Body (GB) and the College Development Committee (CDC) in which decisions, strategies, and regulations related to the development of the college is taken. The Governing Body approves the decisions taken by the College Development Committee and provides the necessary suggestions for the development and implementation. The Principal of the Institute presents the overall progress of the Institute in

a view of the academic performance of the students, co-curricular and extracurricular activity conducted the overall development of the teacher in terms of qualification improvement, training, certifications and research publications and the infrastructural development of last academic year. And present the prospective plan of the institute in tune with the mission statements in a meeting of the College Development Committee. In addition, the financial budget is prepared and discussed in the meeting of the College Development Committee. The College Development Committee discusses the progress and plan and takes the appropriate prepare the resolutions in a tune with the Vision and Mission of the institute. As per the suggestions of the College Development Committee and the governing body, the Principal prepares the comprehensive implementation plan for execution. The implementation plan includes infrastructure and facilities development, procuring learning resources, appointment and training of human resources, conduction of the academic activities, co curricular and extracurricular activities, and training and placement of students.

File Description	Documents
Paste link for additional information	https://engg.matoshri.edu.in/governance
Upload any additional information	View File

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

The Institute supports a practice of the decentralized governance system with proper well-defined interrelationships. At the top, there are two committees, Governing Body (GB) and the College Development Committee, formerly known as Local Management Committee (LMC). Executive decisions are taken at the meetings of these bodies mainly regarding Governance, Budgetary allocations, Resources allocation and Expansion. There are three levels of the administrative structure under which all the activities of the institute are carried out. These levels are Secretary, Principal and Department/Section Heads. The college follows decentralization management through proper and well organized structure.Committees are framed at college for the implementation of all the decisions and resolutions. The important decision making committees are Governing Body (GB) and College Development Committee(CDC). Special Committees have been constituted for the identified domains of functionalities. Members including teaching staff,

nonteaching staff and/or students are included in these committees empowering their skills and leadership quality.Also students are involved actively to work independently through Students Council. The college promotes participative management and encourages the staff and students for active involvement in administrative bodieslike Grievance Redressal Cells, Anti Ragging Committee, Purchase Committee, Library Committee, Discipline Committee, Cultural Committee, and Student Council of the college.

File Description	Documents
Paste link for additional information	https://engg.matoshri.edu.in/governing-body
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The institute has implemented the plans strategically since its establishment. Progressively, the infrastructure has been expanded, the academic expansion has been done, extension services have been run, the resources have been procured, and practices have been standardized, human resources have been recruited, trained and nurtured targeting the Vision of the Institute. With the learner centric approach, Institute has concurred a few milestones in the course of 14 years. One of the activities successfully implemented based on the strategic plan is 'The Academic' which includes qualification and competence improvement of the faculty and enhancement in teaching-learning environment that in turn enriches the learners.

Highlights:

Institute has its own portal is https://learning.matoshri.edu.in/as digital repository and for access to these video lectures.

Through an online portal, video lectures and supporting learning material is made available for the students.

Video lectures are prepared as per University prescribed

curriculum for all the theory and laboratory courses. Besides, that few topics beyond curriculum are covered.

Each course video lecture series is outlined with clear objectives, outcomes, and plans.

It serves as any time anywhere learning aid and own motivation for students to learn the course without any constraints fostering the habit of self-study.

The videos and related material are reviewed by competent experts and Feedback is collected from students and senior teachers online. Based on suggestions and recommendations of experts and feedback, corrective measures are taken to improve the quality of video lectures and learning material.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://engg.matoshri.edu.in/college-development-plan
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.

Institute is governed by a decentralized system controlled by the strong nucleus. The proper functional delegation exists in the Institute. The Institute follows the hierarchy in the workflow and the roles are unambiguously defined. The delegation works transparently with efficacy so as to provide proper dynamics and adaptability for executing the tasks within the scope. Governing Body (GB) and College Development Committee (CDC) are the executive components in the hierarchy, responsible and accountable for the overall result of the execution.

File Description	Documents
Paste link for additional information	https://engg.matoshri.edu.in/administration
Link to Organogram of the institution webpage	https://engg.matoshri.edu.in/governance
Upload any additional information	View File

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	View File
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

Employee welfare schemes and practices are responsible for high retention of the human resource on the premises. First of all, the institute has group insurance for the employees, which is renewed every year. The majority of the staff members participate in the group insurance scheme and are insured as per their premiums. Recently the family members of the deceased staff have been benefitted from the insured lump sum amount. Institute has Employee's Provident Fund (EPF) for the select staff and the Employer's contribution is regularly deposited without fail. Earn leave and Medical leave facilities are available to the eligible staff. Maternity leave and maternity concessions are also available to the employees. Financial assistance and on-duty leaves are sanctioned to faculty who attend conferences, workshops, and Faculty Development Programs. Faculty are promoted for qualification improvement and study leaves are also granted as

and when required. College provides No Objection Certificate, Salary Certificates, and needed documents to the employees as and when required. For the official work, if the personal vehicle is used by the staff member then the fuel reimbursement is done as per the usage. If the staff member visits the other City for the official work, then conveyance with Dearness Allowance is paid.

File Description	Documents
Paste link for additional information	chrome-extension://efaidnbmnnnibpcajpcglcl efindmkaj/https://engg.matoshri.edu.in/ass ets/pdf/Service_Rules___Regulations.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

42

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

20

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

140

File Description	Documents
IQAC report summary	View File
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

Performance appraisal for teaching and non-teaching staff is taken once a year in a structured format to evaluate the progress and performance of staff. Teaching staff performance is evaluated on the basis of academic as well as contribution in co-curricular

activities. The principal evaluates the self-assessment forms, analyzes the student feedback from students, and takes a review of the appraisal. Self-appraisal is done on the basis of four parameters are Teaching, Learning and Evaluation Related Activities; Co-curricular, Extension and Professional Development; Research and Academic Contribution; and Others.

The appraisal of non-teaching staff members is done after the screening of self-appraisal form which includes Job responsibility, Courses, and Training Programme Attended, Performance in technical work, Administration related activities, Co-curricular work, and Development related activities. Other parameters for evaluation are Commitment to Organization, discipline, Drive for self-motivation, Behavior/Attitude related to staff and students, attitude toward work, Team Player, Punctuality, Adaptability, Participation in inter and intra department activity, and Technical Knowledge. The necessary recommendation is given by the concerned Head of the departments and the Principal in the self-appraisal form. The evaluated self-appraisal form of all staff is submitted through HoD/Section Head to the principal. The Principal meticulously reviews the performance of the Faculty/Staff and gives approval for increments. The principal takes the appropriate action for the improvement of the performance of the faculty.

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

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 College has a mechanism for internal and external financial audits.

Internal Audit: The College has a separate Internal Audit that

monitors the utilization of finances. The frequency of internal audits is Half-yearly. The internal audit is done by the Society Office. Society has appointed an internal auditor. The regular checks are made with regard to all payments including disbursement of scholarship, salaries paid, expenses of consumables and purchase of equipment, etc. Auditor's report is presented to the Principal and Secretary of Matoshri Education Society.

External Audit: The external audit is carried out by a Registered Chartered Accountant appointed by Society who performs an audit of the financial statements of the college. The grants received by the college are also audited by Registered Chartered Accountant for their utilization.

The financial records of the College are audited every year after the end of March. The audited statement of accounts is submitted to the society office. After completion of the audit process, external auditors give the balance sheet, income and expenditure statement, fixed schedule assets statement, and audit report. No objection has been made by the auditing firm to date. The college accounts are audited regularly by both Internal and External auditors. Hence there have been no major findings/objections. Minor errors or omissions and additions when pointed out by the audit team are immediately corrected/rectified and precautionary steps are taken to avoid recurrence of such errors in the future.

File Description	Documents
Paste link for additional information	https://engg.matoshri.edu.in/audit-statements
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)

00

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 college has a well-defined procedure to monitor effective and efficient utilization of available resources for infrastructure development, teaching-learning process, and overall development. The college is self-financed. The financial resources are generated through tuition fees, scholarships from Government, exam remuneration (College share), interest on Fixed Deposit receipts and grants received from University for the NSS unit, Student development, Earn and Learn, Equipment, Parking Shed, Skill development, Research seminar.

Before the financial year begins, all the departments are required to submit their budget proposals. The Heads of the departments and section heads finalize their projected budget and submit it to the Principal. The departmental budgets are then discussed and approved by the Principal, further put into the institutional budget, and then forwarded for approval to the Society office. College budget includes expenses such as salary, apparatus, equipment, consumables, semi-consumables, furniture and library (e.g. books, journals and periodicals), electricity, internet charges, facilities maintenance cost, stationery, bus charges for industrial visit, and other development expenses.

Grants incurred through different funding agencies are utilized appropriately as per the defined heads with prior approval from the Principal. All income and expenditures of the institute are effectively monitored by the management in coordination with the Principal and account officer of the college. All the payments are made through the college account after due processing and approval by the accounts department.

File Description	Documents
Paste link for additional information	https://engg.matoshri.edu.in/audit-statements
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

The IQAC has consistently striven to institutionalize quality assurance strategies and processes at every level of the institution's functioning. From devising strategies to improve the teaching-learning process through increased use of ICT, expanding the scope of the library, transforming it into a multivalent knowledge portal, and signing MoUs with research institutes to redefining the boundaries of a vitalizing, meaningful, and holistic education the IQAC has been a proactive player in the overall benchmarking process. The IQAC has regularly convened meetings; it has submitted the AQARs to NAAC in a timely manner; it has collected feedback inappropriate forms from different stakeholder categories, analyzed the same, and used it for qualitative improvement.

Two practices institutionalized as a result of IQAC initiatives are:

Academic and administrative Audit: IQAC conducts an internal academic audit twice a semester and takes appropriate remedial actions to improve the quality of technical education.

Student Feedback Survey: Student Feedback Survey of each and every faculty member who handled classes/practical in a semester is taken periodically. A standard questionnaire- simple and straight forward, is used with key factors on which the faculty member's performance is assessed. These are the online and offline surveys for each class of students and the students have to assess the individual faculty member. Based on all the feedbacks, IQAC provides constructive comments to improve the quality of teaching and the teaching learning process, if required.

File Description	Documents
Paste link for additional information	https://engg.matoshri.edu.in/iqac
Upload any additional information	View File

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

Internal Academic Audit System: Every academic year the members of the Internal Academic Audit Committee are nominated by IQAC. Generally, the members of the Internal Academic Audit Committee are the Academic coordinator of the respective department and two academic coordinators of the other departments. The Internal Academic Audit report is submitted to IQAC. Based on the submitted report IQAC prepares the suggestions. This audit report and the suggestions of IQAC are made available to the External Academic Audit Committee. Mechanism of external audit: In the beginning, the members of the External Academic Audit committee are acquainted with the practices, processes, academic calendar, and activity calendar by the head of the department. Then the committee members interact with the head of the department with respect to previous academic audit reports, their compliances, current internal academic audit report, and observations & suggestions of IQAC. Considering the interaction with individual faculty, audit head, relevant documents, defined criteria, and overall ambiance the audit report is prepared. The audit report includes strengths, weaknesses, general observations, suggestions, and recommendations. The audit report is presented by the committee in staff meetings and submitted to the head of the department. As per the observations, suggestions, and recommendations of the committee every head of the department prepares the plan of implementation to overcome the lacunas if any, and suggestions for quality assurance. It is discussed in the DAB meeting and submitted to IQAC for information.

File Description	Documents
Paste link for additional information	https://engg.matoshri.edu.in/iqac
Upload any additional information	View File

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	https://engg.matoshri.edu.in/naac/proofs/2024/iqac/aqar/6.5.3/6.5.3.1.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

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

In this era of modernization any discrimination on the basis of gender is going to lead the detrimental social consequences. In the teaching institute such type of discrimination may lead to irreparable social effects. So our Institute takes care in educating the learners in this regard and arranges various events for the awareness. Our college arranges workshops, annual functions and youth festivals on the theme of gender equality and women empowerment encouraging the students to express their support for gender equality. Student's exposure has been expanded with the visits at the village, district and city level to accrue

their knowledge on gender issues which may bring a change in attitudes and behaviors of people.

The concept of gender equity refers to "fairness of treatment for both females and males, according to their respective needs. This may include equal treatment that is different but which is considered equivalent in terms of privileges, rights, benefits, obligations and opportunities"

We arrange such programs and activities to encourage men and women to get involved equally as well as to focus on promoting the uniform participation of females and males in making decisions; reducing enrolment gap between them.

File Description	Documents
Annual gender sensitization action plan	https://engg.matoshri.edu.in/naac/proofs/2024/iqac/aqar/7.1.1/7.1.1%20Action%20plan.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://engg.matoshri.edu.in/naac/proofs/2024/iqac/aqar/7.1.1/7.1.1%20Specific%20Facilities.pdf

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	View File

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: Our Institution has taken many initiatives towards waste management. we have a simple solid waste management

system. It involves everything from collection to disposal. Paper and paper products, pens, disposable drink containers, waste food in canteen and compostable organic material etc are the waste products in college campus. Adequate number of trash cans and dust bins are placed all over the campus. Liquid Waste management: In our institute care is taken to mange liquid waste by reducing the generation of liquid waste where ever possible. The generated liquid waste mainly comprises of food wastes, dairy products and waste water. In adhering to the first goal on the reduction of water usage, various sensitization programmes are conducted for students on the conservation and use of water. The remaining liquid waste is collected through plumbing system and discharged properly.

E-waste management:The institute takes efforts to minimize ewaste by repairing the computer peripheral and electronic components. UPS Batteries are recharged /repaired / exchanged by the suppliers. The institute also takes benefit of the various buy back offers from the suppliers.Any damages or reductions in capacity are set right by repairs.

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

A. Any 4 or all 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	[View File](#)

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

A. Any 4 or all of the above

5. Provision for enquiry and information :
Human assistance, reader, scribe, soft copies
of reading material, screen   reading

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	View File

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).

Matoshri College of engineering Education and Research Centre, through its practices and endeavors, is successful in creating a homogeneous group of individuals belonging to different religions,castes and creeds. It has always been at the pole position for sensitizing the students about cultural, regional, linguistic communal and socioeconomic diversities of the state and the nation. Institute has undertaken various initiatives in the form of celebration of days of eminent personalities, National Festivals, NSS and other such activities to provide for an inclusive environment by bringing students and teachers with diverse background on single platform for creating all inclusive environments. Two important national festivals, Republic Day and Independent Day are celebrated every year in Institute campus. All teaching, non-teaching staff and students participate for the cause of nation. The inspiring speeches are delivered on these occasions followed by cultural programme.The Institute always encourages the students to organize and participate in different programs organized by Institute, inter-Institute, university and other Government or non- government organization tomake them sensitize towards cultural, regional, linguistic,communal and socio economic diversities. To represent our Indian culture,on the eve of our Institute annual gathering, Institute organizes a traditional dress competition and fashion show. In this competition students wore the different outfits representing the different states, religions and cultures.

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 citizen belong to different backgrounds viz., cultural, social, economic, linguistic, and ethnic diversities governed and guided by the Constitution irrespective of caste, creed and religion. To equip students with the knowledge, skill, and values those are necessary for sustaining one's balance between a livelihood and life by providing an effective, supportive, safe, accessible, and affordable learning environment.These elements are included in the value system of the college community. The students are inspired by participating in various programs on culture, traditions, values, duties, and responsibilities by inviting prominent speakers. The institute has conducted awareness programs on the 'ban on plastics', 'cleanliness', 'Swachh Bharat'etc. involving students.Our institution takes all possible initiatives in organizing various events and programmes for moulding the students and staff to become responsible citizens of the country by sensitizing them to the constitution of the country. The college encourages the students to take part in blood donation camps, study tours for them helping them understand the importance of protecting the cultural heritage of the country.The special lectures also focus on enlightening the students about their rights and duties being the responsible citizens of the country.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://engg.matoshri.edu.in/naac/proofs/2024/iqac/aqar/7.1.9/7.1.9.pdf
Any other relevant information	Nil

7.1.10 - The Institution has a prescribed code of conduct for students, teachers,   B. Any 3 of the above

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

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	View File
Any other relevant information	View File

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

We celebrate International Yoga day on 21st June". College invites Yoga Expert to guide the importance of 'Yoga' to students and staff on same day. India's Independence Day is significant as it stands as a reminder of the sacrifices that many freedom fighters made to get Independence from British rule.

We celebrate this commemorative day on 15th August. Dr. Sarvepalli Radhakrishnan said, "Instead of celebrating my birthday, 5thSept is observed as Teachers Day", hence we celebrate this commemorative day as 'Teachers Day'. Teachers with performance and seniority are felicitated on this occasion. The great Engineer of our country Sir M. Visvesvaraya, who created many engineering marvels therefore, for the huge contribution he made to the nation's assets and growth.

We celebrate 15thSeptember as Engineers Day. As the first Home Minister and Deputy Prime Minister of India, Sardar Vallabhbhai Patel organized relief efforts for refugees freeing to Punjab and Delhi from Pakistan and worked to restore peace.We celebrate this day as National Unity Day on 31st October. Constitution Day also

known as National Law Day is celebrated in India on 26 November every year to commemorate the adoption of the Constitution of India. We celebrate this commemorative day enthusiastically.

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 Best Practice 1: Organizing Training and Industry tours: Majority of the Engineering graduates prefer to work in an industry after their graduation. There is need to arrange the industrial visits and summer/winter training during their education so that they understand the trends and technologies used in industry, professional ethics, and industrial work culture. Every department has departmental training and placement student coordinator, who with the help of senior students, alumni, teachers and parents working in industries prepares the plan and coordinates the activities.

Title of Best Practice 2: Students' empowerment through internship: an internship is a professional learning experience offers meaningful, practical work related to a student's field of study or career interest. An internship gives a student the opportunity for career exploration and development, and to learn new skills. It offers the employer the opportunity to bring new ideas and energy into the workplace, develop talent and potentially build a pipeline for future full-time employees. The purpose of an internship is to provide real-world experience that enable students to put everything they have learned into action so that they understand the trends and technologies used in industry, professional ethics, industrial work culture and establishes bonding with industry.

File Description	Documents
Best practices in the Institutional website	https://engg.matoshri.edu.in/tpo/training-practices-facilities
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

E-Contents development as an augmentation to Teaching-Learning In year 2016, institute took an initiative in establishing NPTEL Local chapter with objective to promote students and teachers to register, learn in greater depth and complete the certification courses. Similarly since year 2019-20, students and teachers are learning from COURSERA too. Almost all teachers and many students have successfully completed various courses. The Institute has been recognized with Grade A since last three years consecutively by NPTEL. It is noticed that video lectures are important part of core information delivery mechanism. From feedback of students and teachers it has been revealed that recorded video lecture can be a very effective educational tool and has significant impact in changing the learning environment. Institute has taken initiative in training and promoting teachers for creating the video lecture series as per the university prescribed curriculum for all the engineering and core science courses progressively. Teachers at department recording the lectures, and made them available online for students and these videos are being used as supportive educational tool. Teachers are guided and trained so as to build effective videos. Highlights: Institute has its own portal is https://learning.matoshri.edu.in/ (https://learning.matoshri.edu.in/) as digital repository and for access of these video lectures. Link is available at home page of institute website https://engg.matoshri.edu.in/

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 follows the curriculum prescribed by the affiliated Savitribai Phule Pune University. Annual calendar is published by the University, and based on University calendar; departmental academic calendar and activity calendar. The well defined and documented processes for academic planning, continuous monitoring, examinations, and quality assurance are as follows

- **Planning: The choices of elective courses are collected from the students, course preference for teaching is collected from teachers and accordingly courses are allotted to the teachers. The course file and Lab manual is prepared by respective course instructor. Faculty prepares teaching plan, laboratory plan, test plan, assignment plan, and pedagogical plan and verifies the readiness of laboratory resources for the conduction.**
- **Execution and Monitoring: The curriculum is well transacted Self Study Report of MATOSHRI COLLEGE OF ENGINEERING AND RESEARCH CENTRE to the students adhering to teaching and lab conduction plan with various pedagogical methods. Effective implementation of curriculum is periodically monitored and reviewed.**
- **Continuous Internal Evaluation: In semester, internal examinations are conducted to assess the students' performance. The efforts are taken to improve the performance of weak students and additional assignments are given to bright students.**
- **Pedagogical initiatives taken by the College: Different pedagogical initiatives are taken by the faculty for improving quality of teaching-learning and laboratory work.**

File Description	Documents
Upload relevant supporting document	**No File Uploaded**
Link for Additional information	https://engg.matoshri.edu.in/academic-calender/2022-23

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

The guidelines of annual calendar are provided by the university. Based on the guidelines, each department of the institute prepares its own departmental academic calendar. Academic Calendar for each semester is prepared by the department Program Coordinator (DAC) in the consultation with the HoD before commencement of each semester. Academic calendar includes details of commencement of academics, internal test examinations, Internal, prelim exam, placement guidance sessions, mock practical exam, external PR Exam, External Theory exam and industry visit. The well-defined processes for academic planning, and continuous monitoring support conscious efforts to assure adherence to it. Course instructors record the attendance during lectures and lab sessions. Timely and proper delivery of the curriculum is observed by class coordinator and DAC. These records are observed by class coordinator weekly, by head of department monthly and corrective measures are taken, if required. Monthly attendance and academic reviews are prepared by the department and these are observed by Academic Dean and Principal. Periodic monitoring, review and feedback of the delivery and transaction are collected and analyzed further and necessary actions are taken. The activities of curriculum delivery, planning, implementation, monitoring for adherence to academic activities as planned and post processing of academic execution.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://engg.matoshri.edu.in/academic-calender/2022-23

1.1.3 - Teachers of the Institution participate in following activities related to	**A. All of the above**

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

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

12

File Description	Documents
Any additional information	View File
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)

31

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	**No File Uploaded**
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

1779

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

The institute follows the curriculum prescribed by the Savitribai Phule Pune University. The curriculum design and development process is carried out by the affiliating university based on the needs of the society. Curriculum is revised at regular intervals. The institute/department/BoS collects regular feedback from all stakeholders, viz., students, parents, faculty members, professional bodies, and recruiters. The suggestions proposed are analyzed and the recommendations are communicated to the affiliating University though Dean (Faculty of Science and Technology), Chairman and member of Board of Studies, and during curriculum design and development workshops. Some of the senior faculty members are representing as Dean, Chairman or member of Board of Studies. Earlier version and present curricula includes the topics such as environmental studies, Safety, security, ethics, social awareness, humanity and social science, professional Code of Conduct and similar subjects. To supplement the cross cutting issues such as Gender, Climate Change, Environmental and sustainability, Human Rights, ICT, Human values, special efforts are put various platforms and activities as- Grievances Redressal Cell, Women Grievances Redressal Cell, Sexual

Harassment Redressal Cell ,SC-ST Support Cell, Anti-ragging Cell exists in the institution, Active NSS Chapter and student clubs at each department regularly conduct various events/ programs.

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.	<u>View File</u>

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

62

File Description	Documents
Any additional information	<u>View File</u>
Programme / Curriculum/ Syllabus of the courses	<u>View File</u>
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	<u>View File</u>

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

2158

File Description	Documents
Any additional information	**No File Uploaded**
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	**A. All of the above**

File Description	Documents
URL for stakeholder feedback report	https://engg.matoshri.edu.in/feedback
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	[View File](#)
Any additional information	**No File Uploaded**

1.4.2 - Feedback process of the Institution may be classified as follows	**A. Feedback collected, analyzed and action taken and feedback available on website**

File Description	Documents
Upload any additional information	**No File Uploaded**
URL for feedback report	https://engg.matoshri.edu.in/feedback

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

481

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

372

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

The institute has the scientific and systematic methodology for the assessment of the learning levels of the learners. The methodology heavily relies on internal assessment, university examination results, participation in various curricular and co-curricular activities and responses received in classroom and laboratories. To ascertain the learning level of the learner in question is a big task and it is carried out by Course Instructors, Mentors and Class Coordinators through continuous monitoring of the students' academic performances, interactions in mentor sessions and their participation in various curricular and co curricular activities. Advanced Learners are fed with the assignments and tasks identified as higher level of learning. The atmost care has been taken to satisfy their intellectual needs so as to deal with their intellectual appetite. Slow learners are identified as slow learners who have the problems of lapse in concentration and weak in grasping the course contents and they cannot exhibit the expected level of performance in academics. The Institute has the dedicated staff participating in academic counseling process mostly confined to slow learners. Mentors too have the cordial relationship with the mentee to understand and resolve the problems of slow learners.

File Description	Documents
Paste link for additional information	https://learning.matoshri.edu.in/
Upload any additional information	**No File Uploaded**

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

Number of Students	Number of Teachers
2013	126

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 following practices, methodologies and initiatives have resulted in enhanced learning experiences.

Industry and Field Visits-

Industrial visits and field visits are periodically organized to understand the industrial working, use of technologies, and use of modern tools.

Internships-

Many Final year students and few pre-final year students undergo industry internships during summer and winter vacations.

Project Based Learning-

In project-based learning students solve problems; get hands-on experience of using real world problems, modern tools, equipment, instruments.

Field work-

The programmes like Civil engineering have courses related to surveying. Students perform technical surveys to analyze the

components confined to Engineering domain.

Participation in technical, co-curricular events and Competitions-

Institute takes keen interest to motivate and promote the students for participation in various events, competitions and hands on workshops and trainings.

Visits to various expos and Exhibitions-

Students participate and visit various exhibitions and acquaint with exposure to current trends in technology. It adds to competitiveness of students.

Pedagogical techniques with efficacy-

They use various pedagogical techniques such as demonstrations, group discussions, group tasks and quizzes during the teaching-learning process.

MoUs and Industry Sponsored Labs-

Institute has collaborated and signed MoUs with few industries and Industry set up few labs and training programmes.

File Description	Documents
Upload any additional information	**No File Uploaded**
Link for additional information	https://engg.matoshri.edu.in/academics/mechanical/achievements

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

The faculty of the Institute effectively use ICT enabled teaching learning methodologies and suitable technologies for content delivery and learning. The methodology adopted, ICT tools and resources used are briefly described here.

Multimedia and Digital Content Delivery through ICT tools and resources:

- The sets of video lectures are prepared by each course

- instructor in the meticulous supervision of Institute head. These video lectures are available on named Matoshri Knowledge Base at learning.matoshri.edu.in.
- While preparing the Video lectures the course instructors use modern software, modelling software, compression tools, and an effective blend of appropriately identified components.
- The course instructors and laboratory instructor have elaborated the real world examples to improve the understanding of the students through video lectures. Class rooms and laboratories.
- Seminar halls and auditorium are equipped with audio-visual aids that includes projector, Public Address system and internet connectivity with ambience.
- Faculty use the ICT enabled infrastructure available in class rooms, laboratories and conference halls for the delivery of contents.
- Central library of the institute is ICT enabled with Personal Computers, internet connectivity, access to institutional repository of class notes, e-Books, e-Journal subscriptions and library OPAC system.

File Description	Documents
Upload any additional information	[View File](#)
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	**No File Uploaded**

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

114

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	[View File](#)
Circulars pertaining to assigning mentors to mentees	[View File](#)
Mentor/mentee ratio	[View File](#)

2.4 - Teacher Profile and Quality

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

126

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

21

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

905

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 internal assessment process is carried out transparently as a part of teaching-learning process covering assessments for internal evaluation of laboratory courses' term works, seminars, project based learning, and final year projects. Workbooks for seminars, project-based learning, and projects are provided to the students in advance.

Laboratory work/term work: Internal Assessment

- **Continuous assessment of each Laboratory term work head is carried out and known to the students. The laboratory work evaluation is the basis for the award of term work marks.**
- **Two internal examiners are appointed for each course's Term work which has an examination head as Term Work. Final term work marks are displayed at the end of each semester for student information.**
- **Students are free to interact with the course instructor to resolve grievances.**
- **Seminar and the final year project internal assessment is transparently carried out based on rubrics of evaluation.**
- **In Project Based Learning, learners are supposed to complete the Laboratory Projects.**
- **Seminar work confined to the pre-final year students needs a thorough literature survey and seeking approval from the seminar guide.**
- **For the final year Project work, the mentor guides the student to the completion of the project**

File Description	Documents
Any additional information	**No File Uploaded**
Link for additional information	https://engg.matoshri.edu.in/academics/it/syllabus

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

The Institute has Examination Cell that takes care of smooth conduction of various internal and external examinations. The committee belonging to the Examination cell is responsible for

addressing and resolving the issues / grievances related to internal and external examinations. The Cell observes transparency in dealing with the issues /grievances and most of the grievances are addressed and resolved in due course of time. External (University) examination grievances are addressed by examination section under the supervision of Examination Committee as per the process laid down by the SPPU. To bring transparency in external examination related grievances, a separate large sized notice is displayed at examination section detailing general instructions and the processes to be followed for grievance redressal and the departments are informed time to time regarding the issues. Grievances and issues related to examination, assessment and Certificates are resolved by the institute with the help of Examination Section. With students application and necessary documentation such cases are communicated to the affiliated University for necessary action. Following is a typical process followed to resolve the grievances related to the external examination.

1. Application for obtaining photocopy of assessed answer sheets

2.Application for verification and re-evaluation.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	https://engg.matoshri.edu.in/exam-committee

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.

Program Outcomes (POs) and Course Outcomes (COs) of the all the programmes and courses are stated and communicated to the learners through institute website and using display boards at chosen prominent places in the respective department. Program Outcomes (POs) are framed following the NBA defined program outcome statements. The Graduate attributes stated by NBA are accommodated while framing the Program Outcomes (POs). All Course Outcomes (COs) contribute towards attainment of Program Outcomes (POs).

Mechanism of Communication of POs and COs: Every Programme's Program Outcomes and every Course's Course Outcomes are well defined, published and disseminated among various stakeholders to acquaint them through-

- Institute website -https://engg.matoshri.edu.in.
- Display Boards in the Laboratories..
- Matoshri knowledge base- https://learning.matoshri.edu.in.
- Course Files, prepared by course instructor for every course they teach.
- Conveyed during teaching learning process.
- Printed on laboratory manuals, project log book and seminar log book.

Course Outcomes (COs) are communicated to the learners through the following ways:

- COs are published through institute
- Website https://engg.matoshri.edu.in
- COs are made available for the ready reference of the learners through course syllabus copies, notes, hand-outs, lab manuals.

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

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

The Institute has a well defined process of evaluating attainment of programme outcomes and course outcomes. Since the Institute is affiliated to State University, the evaluation parameters are defined by the University and are clearly described in the curriculum provided by the University. The heads used for evaluation are Theory Paper, Practical, Oral, Project, Seminar and Term Work. In addition to these, the Institute uses its own heads for the evaluation at Institute level. The heads used for the evaluation at the Institute level

are Test Exams, Assignments, Mock Practical Exams and Reports.

The evaluation of Course Outcomes is carried out by the External Evaluation Process, which is carried out based on assessment tools used at University and Internal Evaluation Process which is carried out based on assessment tools used at Institute level. For the evaluation the results of University exams and internal evaluation records are considered as data for the evaluation process

Attainment levels defined for both internal and external assessment are:

Level 1: 50% students scoring more than or equal to set attainment level.

Level 2: 60% students scoring more than or equal to set attainment level.

Level 3: 70% students scoring more than or equal to set attainment level

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

322

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	**No File Uploaded**
Paste link for the annual report	https://engg.matoshri.edu.in/naac/iqac/aqar/2.6.3/2024

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://engg.matoshri.edu.in/naac/iqac/aqar/2.7/2024

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)

0

File Description	Documents
Any additional information	**No File Uploaded**
e-copies of the grant award letters for sponsored research projects /endowments	**No File Uploaded**
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

09

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

0

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	**No File Uploaded**
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

The Institute got permission from AICTE and the approval for five PG programs. These programs are run by the institute and state-of-theart infrastructure has been established by the institute to support the research activities of the students and staff. The institute has recognition by the affiliated University for the three Research Centers, Ph.D. programs. The number of Researchers who have completed their research work in the last five years is 19 and currently, 55 research scholars are pursuing their Research. Thirteen Research Guides are available at the Research Centre. The Institution has a research committee to monitor and address the research activities. The committee comprises of- Chairman- Principal Dr. G. K. Kharate R&D Coordinator- Vice-Principal Dr. V. H. Patil Research Center Coordinator- Dr. J. J. Chopade Member- Dr. J. H. Bhangale 03 external subject experts The committee has a working plan to emphasize the research component related to the

projects undertaken. And the processes related to the research are closely monitored and necessary recommendations and suggestions are sought from time to time. The committee has recommended that the research scholars are expected to register for IPR/Patent, quality publications and motivate the faculty to register for Ph.D. Recently the Institute has got the Incubation Centre at the Institute under the umbrella of the affiliated University.

File Description	Documents
Upload any additional information	**No File Uploaded**
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

2

File Description	Documents
Report of the event	[View File](#)
Any additional information	[View File](#)
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

29

File Description	Documents
URL to the research page on HEI website	https://engg.matoshri.edu.in/admissions/phd
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

56

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

13

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

Our institute has a National Service Scheme (NSS) unit which is

sanctioned by the affiliated University, Savitribai Phule Pune University with a sanctioned strength of 100. The prime objective of affiliated University is to sanction the NSS unit and provide financial support for National Service Scheme (NSS) so as to give an extension dimension to the higher education system and orient the student youth to community service while they are studying in an educational institution. It helps to understand the problems of the community, to take the part in social activities, and interact with society. Every year the NSS camp is organized for the duration of 7 days in a rural area, which is monitored by the University coordinator. The separate budget is sanctioned by the Institute for the NSS camp and other activities. The NSS Program Officer who has got the approval from the University has to submit the detailed annual report and Audit report to the University for Continuation of the NSS unit.

In Academic Year 2022-23, NSS Unit of our institute have organized more than 15 regular activities and a 7 day Special camp. NSS camp was conducted on 21/01/2022 to 27/01/2023 at Mhalsakore Village, Tal-Niphad, Dist-Nashik. Several programmes were conducted during NSS camp. A street Play was performed on 'Farmers Suicide ' during the camp.

File Description	Documents
Paste link for additional information	https://engg.matoshri.edu.in/nss
Upload any additional information	No File Uploaded

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

1

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	View File

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

15

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

803

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

755

File Description	Documents
e-copies of related Document	**No File Uploaded**
Any additional information	View File
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

24

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.

Institute has a scenic landscape, aesthetic architecture, ecofriendly environment, spacious classrooms, drawing halls, well equipped laboratories and good infrastructure spread over 10 acres. The Institute has well-furnished, spacious, well ventilated and well illuminated classrooms. Classrooms are maintained as per norms for proper visibility and audibility. The classrooms are equipped with adequate furniture, blackboard, projectors, fans, lights and power backup. More than 50% of the classrooms are provided with LCD projectors and LAN / Wi-Fi connectivity. The Institution has domain centric laboratories as per the rules and regulations of AICTE and Savitribai Phule Pune University, Pune. All equipments are

always checked for faults, calibration and wear and tear and accordingly proper actions are taken. Before the commencement of every semester faculties ensure the availability of required software/equipment for the smooth conduction of the laboratory experiments. Laboratories are equipped with sufficient hardware and/or software to run program specific curriculum and adequate number of personal computers are available for the smooth conduction of the experiments. The college has the seminar halls and conference hall with LCD projectors and screens, audio systems, white boards and a computer with Internet connectivity for conducting hands-on, courses, co-curricular activities/extra - curricular activities, parent teacher meetings, campus recruitment training classes, campus recruitments, meetings, seminars, conferences, webinars, guest/expert lectures, and workshops for students and faculty.

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

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

The Institute has set up the Cultural Club. The members of the Club are three staff members: one of them is the Chairman, Cultural Secretary which is elected by the students, and three student members those are nominated by Chairman, Cultural Club.Separate room is available for the Cultural Club and the most of the musical instruments are available. The cultural events are organized during NSS camp, Annual Social Gathering and Farewell functions. The cultural activities organized under the Cultural Club are : Singing, Dancing, Drama, Skit, Mimicry, Antakshari, Instrumental, Anchoring, Fashion Show, Photography, Sketching, Rangoli, Painting, Decorations, Mismatch day, Group day, Traditional day, Sari day, Tie day, Halloween day, and Street Plays. The Institute has developed Two Volleyball Courts, a Basketball court, Kabaddi and Kho- Kho grounds, Cricket ground, Football ground and indoor facilities for Table Tennis, badminton, Chess, and Carom. In addition to this to maintain the fitness separate green gymnasium and yoga hall are available in campus.The institute has a Green Gymnasium in the premises for enthusiasts and those having the fitness concern.Separate Yoga Hall is also available for Yoga

practices. Institute celebrates Yoga day every year and organize Yoga based programmes for staff and students.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://engg.matoshri.edu.in/facilities/bus

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

20

File Description	Documents
Upload any additional information	**No File Uploaded**
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)

110.60

File Description	Documents
Upload any additional information	**No File Uploaded**
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)

Institute has set up the Library facility at the department level and at central level named as Department Library and Central Library respectively. The department Library includes set of books only. The Central library has rich collection of text books, reference books, handbooks in form of hard copies and e-books. The hard copies available in the library are 15539 volumes and in excess of 8832 e-books. The Institute has a Membership of NDL, which provides the online access to various learning resources such as audiovisual and text resources. The library has subscribed 89 Print Journals, Magazines. In addition to this the Institute has subscribed for DELNET which provides access to 10839 free E-books in 709 categories and 400 e-journals for engineering and technology. Daily newspapers and periodicals are available in the Library. As per the decision taken by the Statutory Body of the affiliated University about the access of Jayakar Library for the affiliated colleges, the remote access to the Affiliated University's Jayakar Library is available for ejournals and e-books databases. Jayakar Library has a rich collection of e-journals and e-books. The Central Library has a separate digital library equipped with 27 nos. of computers with internet and intranet facilities.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional Information	https://engg.matoshri.edu.in/library

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	A. Any 4 or more of the above

File Description	Documents
Upload any additional information	No File Uploaded
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)

3.1

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	No File Uploaded
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

187

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 an extensive use of ICT resources by providing adequate access to computers and internet to its students and faculty. The Institute has procured the necessary hardware and software progressively, depending on academic requirements, technological updates, upgrades and special requirements. The Institute has a Central Server, from where the internet access is routed in the Institute. The networking of the computing resources has been designed, installed, monitored and maintained inhouse by the Institute. Back-up server is also available at the central networking place. The central Server room is provided with adequate cooling and power backup. Currently 900 computing nodes are connected to the wired intranet. The switching and routing equipments used in the networking are robust and efficient enough to satisfy the needs of the end-users. The Institute has purchased the web

space to upload and maintain the video lectures of the
teachers. Starting with 2 Mbps leased line at the time of
establishment of the Institute the Institute has upgraded and
increased the bandwidth to total 114 Mbps today. All the
classrooms, programming laboratories, seminar halls, Library,
Office, HoD cabins and auditorium are connected with high speed
internet. WiFi facility is available inpremises for the users.

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

4.3.2 - Number of Computers

955

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	View File
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)

576.03

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.

Laboratory Maintenance- All the laboratories are spacious and well. Periodical maintenance is carried out in all laboratories. In house servicing of the lab instruments are done every six months. Major repairs are outsourced by following the procedure of the institute. Consumables are purchased every year. Instruments are calibrated wherever required. Lab assistant, faculty members are trained to do the repairs as applicable. Library maintenance- There is regular stock verification process carried out by the library. A file is maintained which contains the stock verification reports carried out at different intervals. Physical verification of the library stock is the process by which the accession register is tallied with the books in the library. Sports facility Maintenance- The sports facilities of college are maintained by physical education department. A stock register and an issue register are maintained to ensure the proper handling of thesports items. Stock verification of the sports items is conducted at the beginning of each semester. Regular maintenance of the play area is conducted under the supervision of Sports' In-Charge and faculty sports coordinators. Computer Maintenance- All necessary software are installed and maintained. Systems In-Charge is functioning in the campus for resolving the issues like hardware trouble shooting, software installation, Maintaining Biometric devices and network related issues are monitored and maintained.Classroom Maintenance- At the beginning of each semester the readiness of the classrooms are checked by the facility management team. Regular inspection, maintenance of the classroom furniture's is carried out.

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

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

1778

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	[View File](#)
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)	[View File](#)

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

241

File Description	Documents
Upload any additional information	[View File](#)
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	[View File](#)

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	No File Uploaded
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

1459

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

1459

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	View File
Upload any additional information	View File
Details of student grievances including sexual harassment and ragging cases	View File

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

155

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	**No File Uploaded**
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

4

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

2

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.

12

File Description	Documents
e-copies of award letters and certificates	View File
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 college has a student council formed as per the guidelines given by SPPU University. Student's Council consists of student

members besides faculty members. The council is chaired by the Principal of the Institute. The topper is a student having the highest marks/GPA in the recent examination in his class. The topper student is selected as a class representative (CR) of his class. All the CRs from the classes are members of the committee besides this the council has representation from the NSS unit. The council has one Sports secretary, one Cultural Secretary, and Ladies' representatives are nominated by the committee. One of the members of the council is selected as University Representative. The activities of the student council include the organization of Tech-feast in each academic year to motivate students to participate in technical and non-technical events. The students are participating in the organization of the annual social gathering, also they participate in the celebration of nationally important days like Independence day, Republic day, etc., to develop the feeling and sense of nationalism and also celebrate Teacher's day & Engineers Day. Council also organizes events like Ganesh Festival, Dahi Handi, Shiv Jayanti, various cultural days, and art gallery events. The role and responsibilities of Student Representatives are to disseminate the information from the college administration to all students and organize co-curricular, extra-curricular, and social events, organize programs in NSS, and maintain a conducive and antiragging environment in the hostel and college premises.

File Description	Documents
Paste link for additional information	https://engg.matoshri.edu.in/nss
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

1035

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

Alumni Association Registration Number.: 473224 Objectives

This Alumni Association is aims to provide a common platform for all Alumni of this institution and:

- **To promote networking amongst MCERC. Alumni.**
- **To foster overall development of students with cooperation of alumni and college.**
- **To create awareness of technological development and new trends in research.**
- **To enable locating long-lost friends from college, to revive old memories and create some new ones.**
- **To build industry relations with the help of alumni to promote placement of the students.**
- **To organize advanced courses, camps, educational visits, workshops, research guidance lectures, demonstration classes etc. for the students.**
- **To encourage the students for research projects and patent consultancy.**
- **To arrange and organize lectures, debates, discussions, seminars and the like from time to time on diverse academic subjects for diffusion, acquisition and development of knowledge of the students .**
- **Recognize the achievements of the alumni**

MCERC Alumni Governing Body

Name	
Designation	
RAVI ASHOK PATIL	
president	
DATATTRAY SAHEBRAO SHINGATE	
Vice president	
DEEPAK PADMAKAR PATIL	
Secretary	
VIKAS SURESH DAUND	
Treasurer	
MONALI RAVINDRA BORADE	
Members	
PARAG SHIVAJI DESALE	
Members	
TOSHNIL HARIBHAU BHOSALE	
Members	
CHETAN PRAMOD MALPATHAK	
Members	
PRAGATI BALASAHEB BHAPKAR	
Members	
VITTAL ABAJI CHORMALE	
Members	
DR. GAJANAN KASHIRAM KHARATE	

Members

File Description	Documents
Paste link for additional information	https://engg.matoshri.edu.in/alumni
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)	D. 1 Lakhs - 3Lakhs

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

Governance in college functions through Governing Body (GB) and the College Development Committee (CDC) in which decisions, strategies, and regulations related to the development of the college is taken. The Governing Body approves the decisions taken by the College Development Committee and provides the necessary suggestions for the development and implementation. The Principal of the Institute presents the overall progress of the Institute in a view of the academic performance of the students, co-curricular and extracurricular activity conducted the overall development of the teacher in terms of qualification improvement, training, certifications and research publications and the infrastructural development of last academic year. And present the prospective plan of the institute in tune with the mission statements in a meeting of the College Development Committee. In addition, the financial budget is prepared and discussed in the meeting of the College Development Committee. The College Development Committee discusses the progress and plan and takes the appropriate prepare the resolutions in a tune with the Vision and Mission of the institute. As per the suggestions of the College Development Committee and the governing body, the Principal

prepares the comprehensive implementation plan for execution. The implementation plan includes infrastructure and facilities development, procuring learning resources, appointment and training of human resources, conduction of the academic activities, co curricular and extracurricular activities, and training and placement of students.

File Description	Documents
Paste link for additional information	https://engg.matoshri.edu.in/governance
Upload any additional information	View File

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

The Institute supports a practice of the decentralized governance system with proper well-defined interrelationships. At the top, there are two committees, Governing Body (GB) and the College Development Committee, formerly known as Local Management Committee (LMC). Executive decisions are taken at the meetings of these bodies mainly regarding Governance, Budgetary allocations, Resources allocation and Expansion. There are three levels of the administrative structure under which all the activities of the institute are carried out. These levels are Secretary, Principal and Department/Section Heads. The college follows decentralization management through proper and well organized structure.Committees are framed at college for the implementation of all the decisions and resolutions. The important decision making committees are Governing Body (GB) and College Development Committee(CDC). Special Committees have been constituted for the identified domains of functionalities. Members including teaching staff, nonteaching staff and/or students are included in these committees empowering their skills and leadership quality.Also students are involved actively to work independently through Students Council. The college promotes participative management and encourages the staff and students for active involvement in administrative bodieslike Grievance Redressal Cells, Anti Ragging Committee, Purchase Committee, Library Committee, Discipline Committee, Cultural Committee, and Student Council of the college.

File Description	Documents
Paste link for additional information	https://engg.matoshri.edu.in/governing-body
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The institute has implemented the plans strategically since its establishment. Progressively, the infrastructure has been expanded, the academic expansion has been done, extension services have been run, the resources have been procured, and practices have been standardized, human resources have been recruited, trained and nurtured targeting the Vision of the Institute. With the learner centric approach, Institute has concurred a few milestones in the course of 14 years. One of the activities successfully implemented based on the strategic plan is 'The Academic' which includes qualification and competence improvement of the faculty and enhancement in teaching-learning environment that in turn enriches the learners.

Highlights:

Institute has its own portal is https://learning.matoshri.edu.in/as digital repository and for access to these video lectures.

Through an online portal, video lectures and supporting learning material is made available for the students.

Video lectures are prepared as per University prescribed curriculum for all the theory and laboratory courses. Besides, that few topics beyond curriculum are covered.

Each course video lecture series is outlined with clear objectives, outcomes, and plans.

It serves as any time anywhere learning aid and own motivation for students to learn the course without any constraints fostering the habit of self-study.

The videos and related material are reviewed by competent experts and Feedback is collected from students and senior teachers online. Based on suggestions and recommendations of experts and feedback, corrective measures are taken to improve the quality of video lectures and learning material.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://engg.matoshri.edu.in/college-development-plan
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.

Institute is governed by a decentralized system controlled by the strong nucleus. The proper functional delegation exists in the Institute. The Institute follows the hierarchy in the workflow and the roles are unambiguously defined. The delegation works transparently with efficacy so as to provide proper dynamics and adaptability for executing the tasks within the scope. Governing Body (GB) and College Development Committee (CDC) are the executive components in the hierarchy, responsible and accountable for the overall result of the execution.

File Description	Documents
Paste link for additional information	https://engg.matoshri.edu.in/administration
Link to Organogram of the institution webpage	https://engg.matoshri.edu.in/governance
Upload any additional information	View File

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	View File
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

Employee welfare schemes and practices are responsible for high retention of the human resource on the premises. First of all, the institute has group insurance for the employees, which is renewed every year. The majority of the staff members participate in the group insurance scheme and are insured as per their premiums. Recently the family members of the deceased staff have been benefitted from the insured lump sum amount. Institute has Employee's Provident Fund (EPF) for the select staff and the Employer's contribution is regularly deposited without fail. Earn leave and Medical leave facilities are available to the eligible staff. Maternity leave and maternity concessions are also available to the employees. Financial assistance and on-duty leaves are sanctioned to faculty who attend conferences, workshops, and Faculty Development Programs. Faculty are promoted for qualification improvement

and study leaves are also granted as and when required. College provides No Objection Certificate, Salary Certificates, and needed documents to the employees as and when required. For the official work, if the personal vehicle is used by the staff member then the fuel reimbursement is done as per the usage. If the staff member visits the other City for the official work, then conveyance with Dearness Allowance is paid.

File Description	Documents
Paste link for additional information	chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://engg.matoshri.edu.in/assets/pdf/Service_Rules___Regulations.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

42

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

20

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

140

File Description	Documents
IQAC report summary	View File
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

Performance appraisal for teaching and non-teaching staff is taken once a year in a structured format to evaluate the progress and performance of staff. Teaching staff performance

is evaluated on the basis of academic as well as contribution in co-curricular activities. The principal evaluates the self-assessment forms, analyzes the student feedback from students, and takes a review of the appraisal. Self-appraisal is done on the basis of four parameters are Teaching, Learning and Evaluation Related Activities; Co-curricular, Extension and Professional Development; Research and Academic Contribution; and Others.

The appraisal of non-teaching staff members is done after the screening of self-appraisal form which includes Job responsibility, Courses, and Training Programme Attended, Performance in technical work, Administration related activities, Co-curricular work, and Development related activities. Other parameters for evaluation are Commitment to Organization, discipline, Drive for self-motivation, Behavior/Attitude related to staff and students, attitude toward work, Team Player, Punctuality, Adaptability, Participation in inter and intra department activity, and Technical Knowledge. The necessary recommendation is given by the concerned Head of the departments and the Principal in the self-appraisal form. The evaluated self-appraisal form of all staff is submitted through HoD/Section Head to the principal. The Principal meticulously reviews the performance of the Faculty/Staff and gives approval for increments. The principal takes the appropriate action for the improvement of the performance of the faculty.

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

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 College has a mechanism for internal and external financial audits.

Internal Audit: The College has a separate Internal Audit that monitors the utilization of finances. The frequency of internal audits is Half-yearly. The internal audit is done by the Society Office. Society has appointed an internal auditor. The regular checks are made with regard to all payments including disbursement of scholarship, salaries paid, expenses of consumables and purchase of equipment, etc. Auditor's report is presented to the Principal and Secretary of Matoshri Education Society.

External Audit: The external audit is carried out by a Registered Chartered Accountant appointed by Society who performs an audit of the financial statements of the college. The grants received by the college are also audited by Registered Chartered Accountant for their utilization.

The financial records of the College are audited every year after the end of March. The audited statement of accounts is submitted to the society office. After completion of the audit process, external auditors give the balance sheet, income and expenditure statement, fixed schedule assets statement, and audit report. No objection has been made by the auditing firm to date. The college accounts are audited regularly by both Internal and External auditors. Hence there have been no major findings/objections. Minor errors or omissions and additions when pointed out by the audit team are immediately corrected/rectified and precautionary steps are taken to avoid recurrence of such errors in the future.

File Description	Documents
Paste link for additional information	https://engg.matoshri.edu.in/audit-statements
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)

00

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 college has a well-defined procedure to monitor effective and efficient utilization of available resources for infrastructure development, teaching-learning process, and overall development. The college is self-financed. The financial resources are generated through tuition fees, scholarships from Government, exam remuneration (College share), interest on Fixed Deposit receipts and grants received from University for the NSS unit, Student development, Earn and Learn, Equipment, Parking Shed, Skill development, Research seminar.

Before the financial year begins, all the departments are required to submit their budget proposals. The Heads of the departments and section heads finalize their projected budget and submit it to the Principal. The departmental budgets are then discussed and approved by the Principal, further put into the institutional budget, and then forwarded for approval to the Society office. College budget includes expenses such as salary, apparatus, equipment, consumables, semi-consumables, furniture and library (e.g. books, journals and periodicals), electricity, internet charges, facilities maintenance cost, stationery, bus charges for industrial visit, and other development expenses.

Grants incurred through different funding agencies are utilized appropriately as per the defined heads with prior approval from the Principal. All income and expenditures of the institute are effectively monitored by the management in coordination with the Principal and account officer of the college. All the payments are made through the college account after due

processing and approval by the accounts department.

File Description	Documents
Paste link for additional information	https://engg.matoshri.edu.in/audit-statements
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

The IQAC has consistently striven to institutionalize quality assurance strategies and processes at every level of the institution's functioning. From devising strategies to improve the teaching-learning process through increased use of ICT, expanding the scope of the library, transforming it into a multivalent knowledge portal, and signing MoUs with research institutes to redefining the boundaries of a vitalizing, meaningful, and holistic education the IQAC has been a proactive player in the overall benchmarking process. The IQAC has regularly convened meetings; it has submitted the AQARs to NAAC in a timely manner; it has collected feedback inappropriate forms from different stakeholder categories, analyzed the same, and used it for qualitative improvement.

Two practices institutionalized as a result of IQAC initiatives are:

Academic and administrative Audit: IQAC conducts an internal academic audit twice a semester and takes appropriate remedial actions to improve the quality of technical education.

Student Feedback Survey: Student Feedback Survey of each and every faculty member who handled classes/practical in a semester is taken periodically. A standard questionnaire-simple and straight forward, is used with key factors on which the faculty member's performance is assessed. These are the online and offline surveys for each class of students and the students have to assess the individual faculty member. Based on all the feedbacks, IQAC provides constructive comments to

improve the quality of teaching and the teaching learning process, if required.

File Description	Documents
Paste link for additional information	https://engg.matoshri.edu.in/iqac
Upload any additional information	View File

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

Internal Academic Audit System: Every academic year the members of the Internal Academic Audit Committee are nominated by IQAC. Generally, the members of the Internal Academic Audit Committee are the Academic coordinator of the respective department and two academic coordinators of the other departments. The Internal Academic Audit report is submitted to IQAC. Based on the submitted report IQAC prepares the suggestions. This audit report and the suggestions of IQAC are made available to the External Academic Audit Committee. Mechanism of external audit: In the beginning, the members of the External Academic Audit committee are acquainted with the practices, processes, academic calendar, and activity calendar by the head of the department. Then the committee members interact with the head of the department with respect to previous academic audit reports, their compliances, current internal academic audit report, and observations & suggestions of IQAC. Considering the interaction with individual faculty, audit head, relevant documents, defined criteria, and overall ambiance the audit report is prepared. The audit report includes strengths, weaknesses, general observations, suggestions, and recommendations. The audit report is presented by the committee in staff meetings and submitted to the head of the department. As per the observations, suggestions, and recommendations of the committee every head of the department prepares the plan of

implementation to overcome the lacunas if any, and suggestions for quality assurance. It is discussed in the DAB meeting and submitted to IQAC for information.

File Description	Documents
Paste link for additional information	https://engg.matoshri.edu.in/iqac
Upload any additional information	View File

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	https://engg.matoshri.edu.in/naac/proofs/2024/iqac/aqar/6.5.3/6.5.3.1.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

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

In this era of modernization any discrimination on the basis of gender is going to lead the detrimental social consequences. In the teaching institute such type of discrimination may lead to irreparable social effects. So our Institute takes care in

educating the learners in this regard and arranges various events for the awareness. Our college arranges workshops, annual functions and youth festivals on the theme of gender equality and women empowerment encouraging the students to express their support for gender equality. Student's exposure has been expanded with the visits at the village, district and city level to accrue their knowledge on gender issues which may bring a change in attitudes and behaviors of people.

The concept of gender equity refers to "fairness of treatment for both females and males, according to their respective needs. This may include equal treatment that is different but which is considered equivalent in terms of privileges, rights, benefits, obligations and opportunities"

We arrange such programs and activities to encourage men and women to get involved equally as well as to focus on promoting the uniform participation of females and males in making decisions; reducing enrolment gap between them.

File Description	Documents
Annual gender sensitization action plan	https://engg.matoshri.edu.in/naac/proofs/2024/iqac/aqar/7.1.1/7.1.1%20Action%20plan.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://engg.matoshri.edu.in/naac/proofs/2024/iqac/aqar/7.1.1/7.1.1%20Specific%20Facilities.pdf

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	View File

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: Our Institution has taken many initiatives towards waste management. we have a simple solid waste management system. It involves everything from collection to disposal. Paper and paper products, pens, disposable drink containers, waste food in canteen and compostable organic material etc are the waste products in college campus. Adequate number of trash cans and dust bins are placed all over the campus. Liquid Waste management: In our institute care is taken to mange liquid waste by reducing the generation of liquid waste where ever possible. The generated liquid waste mainly comprises of food wastes, dairy products and waste water. In adhering to the first goal on the reduction of water usage, various sensitization programmes are conducted for students on the conservation and use of water. The remaining liquid waste is collected through plumbing system and discharged properly.

E-waste management:The institute takes efforts to minimize ewaste by repairing the computer peripheral and electronic components. UPS Batteries are recharged /repaired / exchanged by the suppliers. The institute also takes benefit of the various buy back offers from the suppliers.Any damages or reductions in capacity are set right by repairs.

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	A. Any 4 or all 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: 1. **Restricted entry of automobiles** 2. **Use of bicycles/ Battery-powered vehicles** 3. **Pedestrian-friendly pathways** 4. **Ban on use of plastic** 5. **Landscaping**	**A. Any 4 or All of the above**

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**

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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	View File

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	View File

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).

Matoshri College of engineering Education and Research Centre, through its practices and endeavors, is successful in creating a homogeneous group of individuals belonging to different religions,castes and creeds. It has always been at the pole

position for sensitizing the students about cultural, regional, linguistic communal and socioeconomic diversities of the state and the nation. Institute has undertaken various initiatives in the form of celebration of days of eminent personalities, National Festivals, NSS and other such activities to provide for an inclusive environment by bringing students and teachers with diverse background on single platform for creating all inclusive environments. Two important national festivals, Republic Day and Independent Day are celebrated every year in Institute campus. All teaching, non-teaching staff and students participate for the cause of nation. The inspiring speeches are delivered on these occasions followed by cultural programme.The Institute always encourages the students to organize and participate in different programs organized by Institute, inter-Institute, university and other Government or non- government organization tomake them sensitize towards cultural, regional, linguistic,communal and socio economic diversities. To represent our Indian culture,on the eve of our Institute annual gathering, Institute organizes a traditional dress competition and fashion show. In this competition students wore the different outfits representing the different states, religions and cultures.

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 citizen belong to different backgrounds viz., cultural, social, economic, linguistic, and ethnic diversities governed and guided by the Constitution irrespective of caste, creed and religion. To equip students with the knowledge, skill, and values those are necessary for sustaining one's balance between a livelihood and life by providing an effective, supportive, safe, accessible, and affordable learning environment.These elements are included in the value system of the college community. The students are inspired by participating in various programs on culture, traditions, values, duties, and responsibilities by inviting prominent speakers. The institute has conducted awareness programs on the 'ban on plastics',

'cleanliness', 'Swachh Bharat'etc. involving students.Our institution takes all possible initiatives in organizing various events and programmes for moulding the students and staff to become responsible citizens of the country by sensitizing them to the constitution of the country. The college encourages the students to take part in blood donation camps, study tours for them helping them understand the importance of protecting the cultural heritage of the country.The special lectures also focus on enlightening the students about their rights and duties being the responsible citizens of the country.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://engg.matoshri.edu.in/naac/proofs/2024/iqac/aqar/7.1.9/7.1.9.pdf
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

B. Any 3 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	View File
Any other relevant information	View File

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

We celebrate International Yoga day on 21st June". College invites Yoga Expert to guide the importance of 'Yoga' to students and staff on same day. India's Independence Day is significant as it stands as a reminder of the sacrifices that many freedom fighters made to get Independence from British rule.

We celebrate this commemorative day on 15th August. Dr. Sarvepalli Radhakrishnan said, "Instead of celebrating my birthday, 5thSept is observed as Teachers Day", hence we celebrate this commemorative day as 'Teachers Day'. Teachers with performance and seniority are felicitated on this occasion. The great Engineer of our country Sir M. Visvesvaraya, who created many engineering marvels therefore, for the huge contribution he made to the nation's assets and growth.

We celebrate 15thSeptember as Engineers Day. As the first Home Minister and Deputy Prime Minister of India, Sardar Vallabhbhai Patel organized relief efforts for refugees freeing to Punjab and Delhi from Pakistan and worked to restore peace.We celebrate this day as National Unity Day on 31st October. Constitution Day also known as National Law Day is celebrated in India on 26 November every year to commemorate the adoption of the Constitution of India. We celebrate this commemorative day enthusiastically.

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 Best Practice 1: Organizing Training and Industry

tours: Majority of the Engineering graduates prefer to work in an industry after their graduation. There is need to arrange the industrial visits and summer/winter training during their education so that they understand the trends and technologies used in industry, professional ethics, and industrial work culture. Every department has departmental training and placement student coordinator, who with the help of senior students, alumni, teachers and parents working in industries prepares the plan and coordinates the activities.

Title of Best Practice 2: Students' empowerment through internship: an internship is a professional learning experience offers meaningful, practical work related to a student's field of study or career interest. An internship gives a student the opportunity for career exploration and development, and to learn new skills. It offers the employer the opportunity to bring new ideas and energy into the workplace, develop talent and potentially build a pipeline for future full-time employees. The purpose of an internship is to provide real-world experience that enable students to put everything they have learned into action so that they understand the trends and technologies used in industry, professional ethics, industrial work culture and establishes bonding with industry.

File Description	Documents
Best practices in the Institutional website	https://engg.matoshri.edu.in/tpo/training-practices-facilities
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

E-Contents development as an augmentation to Teaching-Learning In year 2016, institute took an initiative in establishing NPTEL Local chapter with objective to promote students and teachers to register, learn in greater depth and complete the certification courses. Similarly since year 2019-20, students and teachers are learning from COURSERA too. Almost all teachers and many students have successfully completed various courses. The Institute has been recognized with Grade A since last three years consecutively by NPTEL. It is noticed that

video lectures are important part of core information delivery mechanism. From feedback of students and teachers it has been revealed that recorded video lecture can be a very effective educational tool and has significant impact in changing the learning environment. Institute has taken initiative in training and promoting teachers for creating the video lecture series as per the university prescribed curriculum for all the engineering and core science courses progressively. Teachers at department recording the lectures, and made them available online for students and these videos are being used as supportive educational tool. Teachers are guided and trained so as to build effective videos. Highlights: Institute has its own portal is https://learning.matoshri.edu.in/ (https://learning.matoshri.edu.in/) as digital repository and for access of these video lectures. Link is available at home page of institute website https://engg.matoshri.edu.in/

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

7.3.2 - Plan of action for the next academic year

- Implimentation of NEP 2020 guidelines under autonomy
- To apply for the research centre for Civil and Electrical Engineering
- Start Ups/Incubation facilities
- Placements quality improvement
- Enhancing Quality Research Publications.
- Enhance alumni engagement.
- Organization of NSS camp in adopted village.
- Outreaching the industries and society through extension of linkages and MOUs
- Organization of International/National seminars workshops, Orientation Programmes and conference
- Research proposals submission.
- To increase the faculty with PhD qualification
- To increase the pass percentage
- Academic & Administrative Audit Green, energy & Environmental Audit.