



YEARLY STATUS REPORT - 2021-2022

Part A

Data of the Institution

1. Name of the Institution

THEEM COLLEGE OF ENGINEERING

- Name of the Head of the institution **Dr Riyazoddin Siddiqui**
- Designation **Principal**
- Does the institution function from its own campus? **Yes**
- Phone no./Alternate phone no. **7769916109**
- Mobile No: **8379951107**
- Registered e-mail **info@theemcoe.org**
- Alternate e-mail **principal@theemcoe.org**
- Address **Chilhar Road**
- City/Town **Boisar Palghar**
- State/UT **Maharashtra**
- Pin Code **401501**

2. Institutional status

- Type of Institution **Co-education**
- Location **Semi-Urban**
- Financial Status **Self-financing**

- Name of the Affiliating University **University of Mumbai**
- Name of the IQAC Coordinator **Dr.Emily Ghosh**
- Phone No. **9545822792**
- Alternate phone No. **9870927885**
- Mobile **9870927885**
- IQAC e-mail address **naaccord@theemcoe.org**
- Alternate e-mail address **fe_cod@theemco.org**

3.Website address (Web link of the AQAR (Previous Academic Year)

http://theemcoe.org/attachments/AQAR_20-21/AQAR_Report.pdf

4.Whether Academic Calendar prepared during the year?

Yes

- if yes, whether it is uploaded in the Institutional website Web link:

http://theemcoe.org/attachments/AQAR_21-22/Academic_cal.pdf

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B+	2.61	2019	28/03/2019	28/03/2024

6.Date of Establishment of IQAC

02/08/2017

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
THEEM COLLEGE OF ENGINEERING	SCHOOL CONNECT PROGRAM	MSBTE , MAHARASHTRA	2021-2022	50000

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

04

- 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

[View File](#)

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)

- Successful implementation of "Microsoft (MS) Team" to conduct online lectures
- Successful conduction of the conference "THEEM-2022"
- Improvement of laboratories for recently introduced AIML program.
- Continuous academic monitoring even through the lockdown time.

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
1. In the series of National Conference "Trends N Herald inEngineering and Metamorphosis (THEEM)", the institute plans toconduct the conference THEEM-2022 in the next academic year.	1. Successfully conducted the conference THEEM-2022 on 10th-11thJUNE, received 93 papers which was published in International Journal of Advance and Innovative Research (IJAIR,VOL 9, ISSUE 2). 5 best papers from 5 tracks were selected and felicitated.
2. Plans to conduct 5 days Faculty Development Program on "RecentTrends in Artificial Intelligent and Machine Learning (AIML)and its Applications" in the upcoming semester of 2021-22.	2. No. of beneficiaries :65

<p>3. Plans to conduct "Students Development Program" on "AIML and its Applications" in the next academic year 2021-22.</p>	<p>2. No. of beneficiaries : 175</p>
<p>4. Upgrading the laboratory and its facilities as per the requirement of newly sanctioned Artificial Intelligent and Machine Learning (AIML) programme.</p>	<p>4. Upgraded the laboratories.</p>
<p>5. The institute plans to conduct 40 hours "Technical Training Program on Python Coding" for students' hands-on practice.</p>	<p>5. Conducted Java Fullstack Development, 172 participants attended</p>
<p>6. In the process of improving ICT facilities and to have unified virtual platform for smooth conduction of teaching-learning process as well as official meet, the institute plans to implement "Microsoft (MS) Team" licensed online platform.</p>	<p>6. "Microsoft (MS) Team" was extensively used by students and faculty</p>
<p>7. Reformation of different committees coming under the purview of Institute Innovation Council (IIC) are National Institute Ranking Framework (NIRF 22) and Atal Ranking of Institutions on Innovative Achievement (ARIIA), etc.</p>	<p>7. Institute Innovation Council (IIC) was reformed and applied for National Institute Ranking Framework (NIRF 22)</p>
<p>8. The institute arranges Automation System for students to receive online documents like "Bonafide and Internship Letter" as per their requirement through mail.</p>	<p>8. Automation system was followed during lockdown time.</p>
<p>9. Plans to upgrade the automation of fees payments</p>	<p>9. Online fees payment automation system during lockdown was implemented.</p>

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

- Name of the statutory body

Name	Date of meeting(s)
CDC	10/10/2022

14. Whether institutional data submitted to AISHE

Part A

Data of the Institution

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<ul style="list-style-type: none"> Successful conduction of the conference "THEEM-2022" 	
<ul style="list-style-type: none"> Improvement of laboratories for recently introduced AIML program. 	
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Name	Date of meeting(s)
CDC	10/10/2022

14. Whether institutional data submitted to AISHE

Year	Date of Submission
2021-2022	10/01/2022

15. Multidisciplinary / interdisciplinary

The main objective of NEP is to build on the education system by making it inclusive, integrated and multi-disciplinary. Theem College of Engineering is affiliated to Mumbai University and follows its guidelines and norms in both letter and spirit. In first year curriculum, Science, Technology, Engineering and Mathematics (STEM) are integrated to enhance the all-round knowledge of the students. Also final year students of all branches can choose Generic Electives from a wide spectrum of options offered at Institutional level. Furthermore in future they will be encouraged to opt for multidisciplinary projects and collaborate with students of other departments. Keeping an eye on global demands new program like Computer Science and engineering (AIML) has been introduced, and an institute level honours program on Data Science will be introduced in near future. The institute arranges for various seminars by eminent personalities to spread awareness among students and staff about universal human values, stress management etc.

16. Academic bank of credits (ABC):

As affiliated to Mumbai University the institute is dependent on the university to establish Academic Bank of Credits. The institute considers the implementation of ABC as a futuristic movement and is awaiting the University's implementation of ABC. However the institute is encouraging the students to register for FOSSI and National Schemes like SWAYAM, NPTEL, V-Lab etc. and earning additional credits for their technical competency

17. Skill development:

The National Education Policy (NEP) 2020 has given special emphasis on integration of vocational education with general education and soft skill development to bridge the gap between education and industry. Our institute provides ample opportunity

for students and faculty to improve their skills by arranging various FDP's and STTP's. The institute has established "Theem Makers Vector" especially for skill development and projects. The institute start-up and innovation cell is continuously encouraging students to establish their own startups. The institute arranges regular industry-institute interaction programs so that students and faculty be benefitted from views of eminent industrials and can apply the acquired knowledge to blossom into empowered Individuals. The institution is providing value-based education to inculcate alacrity amongst the learners that nurtures humanistic, ethical, constitutional, and universal human values of truth (satya), righteous conduct (dharma), peace (shanti), love (prem), nonviolence (ahimsa), scientific temper, citizenship values, and also life-skills. The awareness is spread by regular seminars on Universal Human Values, Stress Management. Also students are taught ethical values and effective communication through the course of PCE (Professional Communication and Ethics). A large number of students take active part in NSS(National Service Scheme) which helps to improve their social skills, citizenship value and life skills. Students are also motivated to participate in extracurricular activities like sports, technical writing, cultural activities and organizing events, to explore the qualities like management skills, leadership skills, companionship, team activities, planning and enterprising skills etc. Since the path to progress is continuous, the Institute strives to attain excellence slowly but steadily.

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

India is called the 'land of diversity' because it has the richest heritage of the most religiously and ethnically diverse cultures. As a part of the NEP-2020 implementation, students are motivated to cherish and celebrate the rich cultural heritage of our country, to be able to preserve and propagate its history, traditions and values. The institute arranges different cultural activities and competitions as a part of the annual festival. To encompass students from poor, rural and tribal backgrounds, faculty uses Hindi and Marathi along with English to boost their understanding and confidence. Also they are motivated to use SWAYAM platform for learning courses of engineering in regional languages. Other than creating engineers, the mission of the institute is to produce good Indian Citizens who are ethically strong and culturally rich.

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

OBE or Outcome Based Education empowers students to choose their subject as well as life goals. It adapts to a learner's strengths and weaknesses, also furnishes abundant time to attain skill and command in the subject matter. The institute follows a curriculum with clearly stated institutes Vision & Mission, department's Vision & Mission, Programme Outcomes (PO's), Programme Specific Outcomes (PSO's) in accordance with Course Outcomes (CO's) prescribed by Mumai University syllabi. CO's are further specified to cognitive abilities namely Remembering, Understanding, Applying, Analyzing, Evaluating and Creating as prescribed by Bloom's taxonomy. Apart from the domain-specific skills, learning outcomes at all levels ensure social responsiveness and ethics, as well as entrepreneurial skills so that student contribute proactively to economic, environmental and social well-being of the nation. Institute has inculcated various innovative tools like project based learning, problem solving, ICT tools, collaborative learning, teamwork, group discussion and many more in pedagogical process. After completion of the course, all attainments of CO's, PO's and PSO's are measured and action plan is chalked out to enhance the respective attainment in the future. For every course a booklet named "Curriculum Implementation and Assessment Report(CIAR)" has been designed as awritten document containing CO's, PO's, Attendance for theoretical lectures and practicals, lesson plan, exam score-sheet, course exit survey, and final attainment.

20.Distance education/online education:

In the wake of COVID-19 pandemic the education system of the whole world faced a vast change, mainly shifting to online education instead of day to day classroom activities. Not considering the lacuna of face to face learning, a surge in online education has enhanced the interaction of experts and students from various parts of the country breaking the geographical barriers. From long ago Theem College of Engineering has encouraged the usage of ICT enabled tools in the teaching learning process, as suggested in NEP as well. As a result, most of the classrooms are ICT enabled with overhead projectors and LAN connectivity. All the computer laboratories are equipped with 1:1 student to computer ratio also the computers have state-of-the-art configuration. While conducting a class, faculty members switch between PPTs and chalk-and-board, as and when necessary, as all the classrooms are enabled with dual facilities. The institute also has a digital library frequently used by students and faculties. The students are encouraged for NPTEL courses and SWAYAM e-learning platform and also for FOSSI. Sensing the need

for the distance education and online education, throughout the lockdown the faculty delivered lectures using Google Meet, ZOOM, Microsoft Teams etc. Practicals were conducted using the virtual labs. Also recorded videos of practical and theoretical sessions were provided to students to improve their understanding. The institute also plans to arrange a workshop on Open Educational Resources in near future to promote the facilities of online education as suggested by NEP.

Extended Profile

1.Programme

1.1	7
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2.Student

2.1	1168
Number of students during the year	

File Description	Documents
Data Template	View File

2.2	32
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	View File

2.3	465
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	View File

3.Academic	
3.1 Number of full time teachers during the year	93
File Description	Documents
Data Template	View File
3.2 Number of Sanctioned posts during the year	93
File Description	Documents
Data Template	View File
4.Institution	
4.1 Total number of Classrooms and Seminar halls	41
4.2 Total expenditure excluding salary during the year (INR in lakhs)	288
4.3 Total number of computers on campus for academic purposes	653
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	
<p>Theem College of Engineering is affiliated to University of Mumbai and follows the university's prescribed syllabus effectively with the terms of Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course Outcomes (COs).</p> <p>The institute's teaching-learning process like lectures, practicals and tutorials are effectively planned according to academic calendar, time table and semester plan and if any shortcomings are found the necessary remedial sessions take place</p>	

with the coordination of staff and students.

Development/Planning:

For deployment of effective teaching-learning process, HODs submit semester plans to the Principal in advance like upcoming semester's subject allocation and load distribution in Curriculum Implementation and Assessment Report (CIAR).

Institute academic calendar is used for preparing the departmental time-table before commencement of semester.

Each faculty maintains CIAR, subject file and Mentor-Mentee file with planning, completion of lectures, practical's, remedial classes and load adjustment (if any).

In Odd semester, Due to pandemic scenarios, delivery of academic lectures supported learner centric techniques such as Ms teams and other teaching aids.

Deployment/Implementation:

Lectures and practicals are executed as per semester plan and time-table and evaluated by IQAC with the help of HOD and concerned senior subject teacher.

The institute supports the faculty for knowledge upgrading by attending STTP/FDP/Webinar/Workshop etc.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	http://theemcoe.org/attachments/NAAC/2021-22/c1/1.1.1.pdf

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

At the beginning of academic session, in odd semester, teachers and students have to remain at homes due to pandemic. This year's flexible and suggestive Academic Calendar is prepared by Principal with HOD's consultation, includes different activities planned for semester.

The head of the institution can only incorporate minor changes in it. In this Academic Calendar, guidelines have been developed for conducting activities based on learning outcomes and students were apprised of the academic calendar and the same uploaded on college website and shared through WhatsApp group at strategic time.

In view of the academic activities, teachers can contact parents and students to give them the appropriate guidelines. The course teachers announce the syllabus and assignments as per the academic calendar. Assignments and experiments are submitted by students as per the submission dates given by the respective teacher for their subjects.

The schedule of all examinations is given in the academic calendar and it is timely announced and displayed in advance by the respective department in accordance with the Academic Calendar shared before the commencement of academic session.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	http://theemcoe.org/attachments/NAAC/2021-22/c1/1.1.2.pdf

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

C. Any 2 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	
7	
File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
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)	
7	
File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File
1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year	
353	
1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year	
351	

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 integrates some enrichment programmes relevant to Professional Ethics with Human Values, Gender and Environmental Sustainability with all round development within the academic.

1. **Professional Ethics:** Students are offered courses on Project management and Professional communication ethics I and II to equip them with necessary soft skills for prospective future professions.
2. **Gender Sensitivity:** There are numerous gender sensitivity activities such as celebration of National Girl Child Day, International Women's Day, Self Defense workshop that allow students to interact with real-life circumstances, Gender sensitization activities conducted under Women Empowerment and Grievance Redressal Cell (WEGRC) and National Service Scheme (NSS).
3. **Human Values:** NSS team organizes activities such as celebration of International Yoga Day, Constitution Day, National Voters Day, Cyber Security etc., awareness programmes, workshops on social concerns and development activities taken up by students and faculty members.
4. **Environment studies:** There are courses such as Disaster Management and Mitigation Measures, Solid Waste management, Environment Management in the curriculum. Also celebrates World Earth Day, National Science Day etc under IIC. A variety of activities, such as seminars, quizzes, and guest lectures were scheduled for students of all programs by IIC and NSS to raise awareness about environmental and sustainability issues.

File Description	Documents
Any additional information	View File
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

40

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	View File
MoU's with relevant organizations for these courses, if any	No File Uploaded
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

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

14

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

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	A. All of the above
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File Description	Documents
URL for stakeholder feedback report	View File
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View File
Any additional information(Upload)	View File

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
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File Description	Documents
Upload any additional information	View File
URL for feedback report	http://theemcoe.org/stud-res.php

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 sanctioned seats during the year

420

File Description	Documents
Any additional information	View File
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

32

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

Method of assessing the learning levels (advanced learners and slow learners) of the students:

- From the performance in qualifying examinations (JEE and MHCET) of the newly admitted first year engineering students and further based on mid-term and end-term test performance
- For second year onwards students, analyzed by their previous year university examination results and further based on mid-term and end term test performance
- From the enthusiasm shown in their participation in co-curricular events
- From the sincerity in attending and consistency in performing practical sessions which is evaluated on a continuous basis

Organizes special programs for advanced learners and slow learners:

- Conducting additional lectures for difficult courses for academically weak students to bring them at par with the others before commencement of first semester
- Conducting remedial lectures or practical sessions for students who are likely to fail, for improving their academic performance
- Communicating their academic performance to parents in parents-meet and seeking their support in resolving the difficulties of the students
- The institute encourages advanced learners for undergoing internships in industry
- These students are exposed to various intra and intercollegiate technical competitions to sharpen their skills

- Advanced learners are given opportunity to prepare for value added training programs
- Advanced learners are encouraged to visit industries, discuss an industrial problem and work on its solution as part of their final year project

Advanced learners are motivated to prepare for the entrance examination (GATE, GRE TOEFL, MAT etc) to pursue higher studies. Prizes are awarded to class-toppers at the annual gathering ceremony

File Description	Documents
Link for additional Information	http://theemcoe.org/attachments/NAAC/2021-22/c2/2.2.1.pdf
Upload any additional information	View File

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

Number of Students	Number of Teachers
1168	93

File Description	Documents
Any additional information	View File

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 institute has teaching-learning aids such as ICT, SMART Classrooms and Audio-video lab. The ICT and online platforms for e-learning (Microsoft Teams, Google classroom, OBS, Google meet, Zoom etc) are been used in delivering the contents to enhance learning experiences, interest and engagement of the students. The institute conducts group discussion, subject quiz, seminars, presentations, alumni student interaction, guest lecture by industry experts, workshops, and industry institute interactive sessions in virtual mode and offline for better understanding the concepts and technologies. The Entrepreneur and Development cell encourage innovative projects to inculcate startup. The outcome based analysis is used to improve the teaching-learning experience in the particular course.

Interactive and collaborative learning skills are developed among students through activities such as mock viva, group discussions, training for aptitude tests, quiz, etc. The institute motivates students to be a part of social activities through NSS.

Online platforms for e-learning (Microsoft Teams, Google classroom) are used for uploading lesson plans, laboratory schedule, question bank, notes, assignments, tutorials and presentations which helps students to discuss and interact with teachers to clear their problems. Wi-Fi facility is available in the campus to access internet facility. The digital library, language laboratory and online IEEE, IETE, SAE journals, NPTEL video lectures, SWAYAM online courses help students to experience self-learning and advanced learning.

File Description	Documents
Upload any additional information	View File
Link for additional information	http://theemcoe.org/attachments/NAAC/2021-22/c2/2.3.1.pdf

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

The institute teachers used Information and Communication Technology (ICT) in education to support, enhances, and optimizes the delivery of education during the pandemic. Online e-learning platforms such as Microsoft Teams, Google Classroom, Microsoft Team, Zoom, Google Meet etc are used for uploading lesson plans, laboratory schedule, question bank, notes, assignments, tutorials and PPT presentations which helps students to discuss and interact with teachers to clear their problems.

Teachers have used "GOOGLE FORMS" to conduct internal and University online examination.

Recording of video lectures through Open Broadcaster Software (OBS) for video recording and live streaming are made available to students for long term learning and future references.

To create physical mode classroom environment, teachers used digital devices such as Desktop computers, Laptop, pen tablet, smart phones, etc

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	http://theemcoe.org/attachments/NAAC/2021-22/c2/2.3.2.pdf

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

93

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

93

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
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

5

File Description	Documents
Any additional information	View File
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

568.5

File Description	Documents
Any additional information	View File
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.

By the guidance of Internal Quality Assessment Cell (IQAC) and Curriculum Development Committee (CDC), the rubrics are formulated to assess laboratory performance, assignments, tutorial, and project work to bring transparency in internal assessment. The performance of individual students is recorded and signature is taken in Curriculum Implementation and Assessment Record (CIAR) after completions of term for verification of their marks. Each department appoints test coordinator for conduction of internal test examinations as per the schedule of academic calendar. Marks obtain in test are communicated within a week through the Online e-learning platforms, notice boards and are communicated to their parents in parent-teacher meet which helps to improve their grade in future.

Student can see their answer sheet and discuss their queries with concerned subject teacher. If students find any grievance, he/she

can resolve it by concerned teachers.

At the end of each semester, the principal and HOD verify the internal marks of all the students. Project work is continuously monitored and assessed by project guide and project coordinator as identification of problem domain, design methodology, project demonstration, presentation, and project report are graded and record is maintained. Internal assessment mechanism helps the mentor to counsel the mentee. Mentor-Mentee record is maintained separately

File Description	Documents
Any additional information	View File
Link for additional information	http://theemcoe.org/attachments/NAAC/2021-22/c2/2.5.1.pdf

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

Internal assessment and evaluation system is transparent in our institute. The assessment report of internal test examination is communicated to the students through online platforms and departmental notice board in every semester. Students are allowed to discuss with their queries to respective course teacher. For internal theory test, after the assessment of papers, answer sheets are shown to the students with the solutions by concerned assessor or course teacher. If students find any grievance, he/she can resolve it by communicating with the concerned course teacher and Head of the department.

File Description	Documents
Any additional information	View File
Link for additional information	http://theemcoe.org/attachments/NAAC/2021-22/c2/2.5.2.pdf

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

The institute has well-stated learning outcomes through Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) for each programme. Each programme has 12 POs, 2-3

PSOs and 4-6 COs and these are communicated to the faculties and students through -

- 1.College Website (on departmental page)
- 2.Online learning platforms while delivering the course contents
- 3.Display boards at entrance and corridors of the respective departments
- 4.Lab-manuals
- 5.Student's Journals
- 6.Departmental files
- 7.Department laboratories
- 8.Classrooms
- 9.Curriculum Implementation and Assessment Report (CIAR)

These POs and PSOs are also communicated to the department faculties in meeting with HOD and made reachable to all parents and guardians through orientation programmes.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	http://theemcoe.org/attachments/NAAC/2021-22/c2/2.6.1.pdf
Upload COs for all courses (exemplars from Glossary)	View File

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

In four-year engineering programmes, the process of achieving Programme Outcomes (POs), Program-Specific Outcomes (PSOs), and Course Outcomes (COs) begins in the first year and continues through the last year. The faculty may have control over the course outcomes by using action verbs that correspond to the cognitive domain of Bloom's Taxonomy's learning levels. COs are mapped to POs and PSOs by taking a look at curriculum and programme results with three levels—Slight or Low (level 1),

Moderate or Medium (level 2), and Substantial or High (level 3). Level mapping determines how pertinent a course is to accomplishing programme objectives.

The assessment tools and techniques are used to complete each course objective utilizing both direct and indirect methods.

1. Direct Method: The level of attainment is determined by directly examining each student's performance on mid-term, end-term, assignments, tutorials, laboratories, quizzes, projects, oral/practical and semester-theory examination. Average attainment in direct method = University examination (60%) + Internal assessment (40%)
 2. Indirect Method: The feedback is collected through on-line/off-line survey from students at end of each course (Course Exit Survey) and programme (Programme Exit Survey). Overall Attainment = Direct (80%) + Indirect (20%)
 Percentage of marks of overall students is computed to decide the attainment level, and "Programme Level Course-PO Matrix" attainment of each PO and PSO in particular academic year is computed.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	http://theemcoe.org/attachments/NAAC/2021-22/c2/2.6.2.pdf

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

415

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	http://theemcoe.org/attachments/NAAC/2021-22/c2/2.6.3.2.pdf

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)	
http://theemcoe.org/attachments/AOAR_21-22/SSS.PDF	
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)	
00	
File Description	Documents
Any additional information	View File
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 departments having Research projects funded by government and non government agencies during the year	
3.1.2.1 - Number of departments having Research projects funded by government and non-government agencies during the year	
00	
File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	Nil
3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the	

year	
3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year	
13	
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
3.2 - Research Publications and Awards	
3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year	
3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year	
89	
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
3.2.2 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year	
3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year	
64	
File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File
3.3 - Extension Activities	

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

The institute considers its utmost priority to work for the betterment of the society and believes in returning what we get from it via way of means of organizing the numerous programs to aware of social issues for which we encourage the students to take part in various extension activities organized by institutes various cell. Total 14 activities were conducted under the extension category with active and huge participation from the students and staffs.

- NSS cell organized various activities like seminar, webinar, expert talks, essay competition etc. to celebrate important day like National Girl Child Day, Communal Harmony, National Voter's Day, Dr. Babasaheb Ambedkar Jaynti, International Yoga Day. Also arranged awareness program on cyber security.
- WEGR cell actively works for women's empowerment and to bring girl students in forefront they organize various activities on International Women's Day also to prepare girls for any adverse situation organized a workshop on Self Defense.
- IIC cell organized a seminar, quiz competition on the occasion of World Earth Day and National science Day.
- Institutes arranged an expert talk Stress Management during Exams which helps students to keep themselves stress free during the exam days.

File Description	Documents
Paste link for additional information	http://theemcoe.org/attachments/NAAC/2021-22/c3/3.3.1.pdf
Upload any additional information	View File

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

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

01

File Description	Documents
Any additional information	View File
Number of awards for extension activities in last 5 year(Data Template)	View File
e-copy of the award letters	View File

3.3.3 - 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

3.3.3.1 - 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

14

File Description	Documents
Reports of the event organized	View File
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	View File

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

959

File Description	Documents
Report of the event	View File
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year**14**

File Description	Documents
e-copies of linkage related Document	View File
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	View File

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year**3.4.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. during the year****6**

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
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.

The infrastructure of the institute is as per the norms of the AICTE, DTE and University of Mumbai. It facilitates a well-organized and effective teaching-learning process.

Classroom facilities: The classrooms, smart classrooms, and tutorial rooms of the institute are as per the norms of AICTE with ICT enabled.

Laboratory Facilities: All laboratories are well-equipped with their respective subject prerequisites for hands-on practice. The IT centres and computer labs have the latest software and hardware facilities. The workshops are equipped with modern machinery for practicing turning, grinding, shaping, carpentry, and sheet-metal work by hand.

Computer-Enabled Facilities: The institute has two well-equipped seminar halls with ICT facilities that are used for conducting orientations, seminars, workshops, expert lectures, interactive training programs, and various academic activities.

The organization helps to develop self-learning through small-scale projects and other vocational training and industrial tours. The institute also has boys' and girls' common rooms; medical rooms with medical emergency support facilities along with necessary medical aid; a centralized RO plant drinking water; specialized desks; ramps; wheelchairs; and toilets for disabled students.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://theemcoe.org/attachments/NAAC/2021-22/c4/4.1.1.pdf

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

Sports Activities: The organization has green and sand playgrounds, lawn ground is used for cricket, football, and other sports and athletic activities; whereas, the sand ground has volleyball, box-cricket, kho-kho, and kabaddi courts, and these games are played in the respective courts. All intra- and inter-college sports activities for girls and boys are organized. Some of our students have participated in university, state, national and international level competitions.

Gymnasium, yoga, and meditation center: The institute has a gym, yoga, and meditation centre for exercise to maintain a healthy and energetic life. The yoga and meditation centre helps the staff and students to have a clear mind, a stress-free life and concentration.

Cultural activities: The Institute conducts an annual cultural event called "Jashn-e-Theem" during the first half of every year. In this cultural program, many activities had organized like mehndi competition, poster painting competition, rangoli competition, ramp burn, drama club, fate event, dance contest, music festival, traditional day, group day, matching day, and retro + rose day.

This program enhances the competitiveness of the students and helps them show off their sports and technical talents and create social conducive environment. The organization honored all the winners and runners-up with certificates and trophies.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://theemcoe.org/attachments/NAAC/2021-22/c4/4.1.2.pdf

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

41

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

41

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://theemcoe.org/attachments/NAAC/2021-22/c4/4.1.3.pdf
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)

42.53

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

4.2 - Library as a Learning Resource

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

The institute's central library enhanced Software for University Libraries 3.0. It is a state-of-the-art Integrated Library Management Software designed and developed by INFLIBNET Centre based on the requirements of college and university libraries. It is user-friendly software developed to work in a client-server environment. The software is compliant with international standards for bibliographic formats, networking and circulation protocols.

The SOUL3.0 Modules are as follows:

1. Acquisition Module: The Library acquires resources based on suggestions made by its users.
2. Catalogue Module: Cataloguing is the most important module of the LMS from the point of view of retrieval of information.
3. Circulation module: The Circulation module allows us to create, edit, delete, or search user records; renew membership and issue, return, renew, reserve; and get a number of routine reports.
4. Serial control module: Serial control module of soul 3.0 provides streamline access to the users from Title entry to schedule generation and receiving order.
5. Online public Access Catalogue (OPAC): The OPAC has a simple and advanced search facility with the minimum information for each item information regarding the item.
6. Administration Module: SOUL 3.0 as per the inputs from the

various SOUL users and the requirements of the library staff.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	http://theemcoe.org/attachments/NAAC/2021-22/c4/4.2.1.pdf

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	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

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

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

2.97

File Description	Documents
Any additional information	View File
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

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

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

34

File Description	Documents
Any additional information	View File
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

As a centre for advanced technical education, the institute is well renowned for its support of improvement and revision. Every time the need for revision for new technology and the institute regularly undertakes it to demonstrating a superb teaching-learning environment. Deploying the services is done by the IT System Administration Team.

The following are appropriate e-content development facilities at the institute:

- 80 computers were upgraded at the beginning of the year 2022 with the following configuration:
 - CPU-Intel Core i5 11th Generation
 - Motherboard-MBD H510-H
 - RAM: 8GB
 - SSD-500 GB
- In this year maintenance and upgrade to online UPS for enhanced sustainability and backup.
- The institute have 1 digital camera, 1 handheld camera, 1 DSLR camera, and 1 CCTV camera at the IT Centre for the purpose of observing online examinations.
- The Mechanical, Automobile-Civil, Computer-IT, and EXTC-Electrical departments now have 5 TP-LINK N300 Wi-Fi Routers.

The Comprehensive and non-comprehensive annual maintenance of IT hardware, software, networking components, etc. is maintained by IT facility management team.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://theemcoe.org/attachments/NAAC/2021-22/c4/4.3.1.pdf

4.3.2 - Number of Computers

653

File Description	Documents
Upload any additional information	View File
Student – computer ratio	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)

288

File Description	Documents
Upload any additional information	View File
Audited statements of accounts.	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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

The institute's marvellous infrastructure are under the centralized management and maintainace team, department and a lab in-charge maintains utilization and dead stock register.

Maintenance Policy:

- **Computer Maintenance:** The institute follows an "In-house Automated Online Maintenance System." This system informs the technical team and maintains a record of the complaint till its resolution.
- **General Maintenance:** The upkeep of campus infrastructure is carried out by experienced, dedicated teams. A centralized maintenance register is available at the storehouse.
- **Breakdown Maintenance:** The procedure of breakdown maintenance is depicted in the following flow-chart.<http://theemcoe.org/attachments/NAAC/2021-22/c4/4.4.2.1.pdf>
- **Preventive Maintenance:** The centralized maintainace register supervisor keeps records of periodic maintenance work and resolves issues from time to time to ensure smooth functioning of equipment and machines. Stainless steel and wooden furniture are maintained prior to the beginning of odd and even semesters.
- **Housekeeping:** The housekeeping team will attend to the maintenance of the campus as well as the garden.
- **Electrical Maintenance:** The electrical maintenance team conducts a maintenance drive of all power utilities twice a year prior to the examination.
- **Sports Complex Maintenance:** The contemporary sports committee maintains indoor and outdoor sports stationary. It identifies and verifies the suitability of sports stationary

for sports activities.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://theemcoe.org/attachments/NAAC/2021-22/c4/4.4.2.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

683

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File
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

89

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	http://theemcoe.org/attachments/NAAC/2021-22/c5/5.1.3.pdf
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File
5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year	
113	
5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year	
113	
File Description	Documents
Any additional information	View File
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	A. All of the above

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

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

116

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	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

02

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

08

File Description	Documents
Upload supporting data for the same	View File
Any additional information	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.

01

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File
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)

In Theem COE, under the (IQAC) Student Council (SC) is formed every year, as per the rules and regulations of University of Mumbai. This SC along with the institute's administration helps in the process of development of personality of the students, organizational skills and career opportunities. The SC main objective is to provide a platform to students to express their opinions related to their studies and to suggest the requirements in the campus and they also learn how to represent the institute at university level. They also organize the college annual function Jashn-e-Theem and its activities such as Technical, Cultural and Sports on Collegiate as well as Intercollegiate level.

The Ministry of Education, AICTE Institute Innovation Council (IIC) has initiated the IIC at TCOE, the objectives of this IIC is to inspire, motivate and ideate the students. This IIC along with the institute organizes various activities and days' celebration in the year such as , My Story as Successful Entrepreneurs, Workshop on Entrepreneurship, Skill, Design & Critical Thinking etc. and the days like, World earth, intellectual property and Entrepreneurs day etc. This creates an environment and ecosystem for IPR, Start-up, R&D and Incubation amongst the students.

File Description	Documents
Paste link for additional information	http://theemcoe.org/attachments/NAAC/2021-22/c5/5.3.2.pdf
Upload any additional information	View File

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

29

File Description	Documents
Report of the event	View File
Upload any additional information	View File
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

The Institute has completed its decade and within this period it has conducted multiple alumni meet/association meetings prior to registration of Alumni Association. In the association meeting held on 16 December, 2017, the unanimous decision had been taken to form an alumni association. The alumni voted for the same and the body was formed.

Theem Alumni Association was registered on dated 15-12-2018 with the registration number MAH/2139/2018/Thane. The Alumni Association has the following objectives:

Creating a dynamic link to forge a bond between Institute and Alumni. Providing better wholesome education to students in curriculum and professional career, Guiding students with Alumni's experience in their career and to help the institute building "Theem Brand" every year.

Due to the COVID -19 lockdown was imposed under the COVID-19 the Epidemic Diseases Act, 1897 Lockdown-order No: DMU/2020/CR.92/DisM-1, Date 4/04/2021, No Alumni meet was conducted up to March 2022, first meeting after lockdown was held on date 21-03- 2022. In this meeting the Association decided the following programs by Alumni.

The guest lecture on "Scope Challenges in Civil Engg" by Mr. Ismail Patel on date 25/03/2022, Alumni Talk on "Study in Abroad" by Mr. Akshay Anil Rana on date 15/04/2022, and offer letter distribution to Mr. Yash Patil.

File Description	Documents
Paste link for additional information	http://theemcoe.org/attachments/NAAC/2021-22/c5/5.4.1.pdf
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)

E. <1Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

Institute Vision

"To become a Centre of Excellence in Technical and Professional Education"

Institute Mission

"To commit for high standards of technical and professional education."

"To impart quality professional education through ICT initiatives and project based learning." "To nurture technocrats and professionals with ethics and human values."

The Top Management designs the quality policy which is reflected in their commitment with the plan to implement quality management system with continuous enhancement of effectiveness. The institute steers to march ahead to achieve the vision "Centre of Excellence". The quality statement and policy are fragmented into following explicit components to achieve the target/goal:

The following management bodies play a major role to have effective development and implementation of quality policy:

- H. J. Thim Trust Governing Council (GC)
- Local Management Committee (LMC) / College Development Committee (CDC)
- Internal Quality Assurance Cell (IQAC)
- Academic Monitoring Committee (AMC)
- Examination Advisory Committee
- Departmental Advisory Board (DAB)
- Library Advisory Committee (LAC)
- Institution Innovation Council (IIC)
- Research and Development & Intellectual Property Rights Cell
- Entrepreneurship and Start-up Centre

Each committee meets weekly/fortnightly/monthly in the presence of the Principal of the institute to review/monitor various activities executed/to be executed.

File Description	Documents
Paste link for additional information	http://theemcoe.org/about-us.html
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 corroborate decentralization by devolving authority to various levels for participative management to have transparency in decision making which leads to good governance. The authority is localized from the top management to Principal then to HODs and faculty coordinators. The LMC, IQAC and AMC presume representations of management. These committees include faculty and students to accomplish academic, administrative and project development pursuit which results in constructing an ambience favourable to overall growth and to achieve the grail of the institute.

1. AMC: The main purpose of AMC is to collect database to provide foundation for strategic plan of the institute.

Objectives of AMC:

1. To review and monitor the academic activities of the department.
2. To ensure that the programme should remain competitive and

relevant to the present context to enhance the contemporary and emerging challenges.

3. To take systematic approach to fulfil the industry expectation and academic curriculum.

4. To give feedback to IQAC regarding departmental activities.

5. To give feedback to HOD regarding any deficiency if found.

File Description	Documents
Paste link for additional information	http://theemcoe.org/attachments/NAAC/2021-22/c6/6.1.2.pdf
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's perspective plan enriches teaching-learning process continuously to strengthen the core values as well as to improve infrastructure and resources. The institute focuses on skill-based education to develop academic and administrative tasks.

The institute continuously upgrades ICT and added SMART class facility. The ICT ensures effective utilization of teaching-learning infrastructure. Every faculty of the institute uploads study materials like notes, PPTs, Assignments, NPTEL Video links, NPTEL PDF Links, other Video links, Virtual lab links, research papers links, case studies, objective type questions, list of modules and simulations links, links of Massive Open Online Course (MOOC), list of Industries related to subjects on MS Teams & Google Classroom which are related to the course and students access it at any place through internet. Feedbacks are taken from internal stakeholders on MS Teams and through Forms, etc.

Mentor-Mentee System to counsel students, Curriculum Implementation and Assessment Report (CIAR), and Academic Audit Reports are planned to fulfil the target. To reduce the gap between industry and institute, the institute conducts Industry Institute Interaction Programmes. This programme explores employability, internship, industrial visits and industrial projects through MOUs. It inculcates students the industry and

field knowledge to experience industry challenges.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	http://theemcoe.org/attachments/strategic_plan.pdf
Upload any additional information	View File

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

The Institute has various committees/bodies/cells and their functions are properly defined considering the overall development of the institute. The following are the evidence and activity implementation: Women Empowerment and Grievance Redressal Cell deals with grievances of women both staff and students. The following activities such as workshop on "Self Defence for Girl Students" and poster making competition on "Gender Equality Today for a Sustainable Tomorrow" were successfully conducted.

From the "Self Defence for Girl Students" activity, the cell trained girl students and staff to become physically fit by practicing a few martial arts: striking arts, joint lock arts, throwing arts, etc. and emotionally fit by various types of yoga: physical postures, breathing techniques and meditation or relaxation. This type of practice helped them to promote mental and physical well-being as well as to protect themselves and others too.

The importance for women to be safe has been educated through the following points:

1. Women have the right to be free from removing the barriers of an unsafe environment.
2. Women must be able to protect themselves against violence, harassment and discrimination.
3. This kind of environment helps women fulfil their potential and they can contribute to work, communities and economics of the world.

File Description	Documents
Paste link for additional information	http://theemcoe.org/attachments/wegac.pdf
Link to Organogram of the Institution webpage	http://theemcoe.org/attachments/NAAC/2021-22/c6/6.2.2.2.pdf
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 interfaces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

The institute has effective welfare measures for teaching and non-teaching staff. The institute follows the recommendations/rules and regulations of AICTE, DTE, and Mumbai University.

1. Faculty Empowerment Policy:

- P.F: Exists as per government Norms, equally shared by institute and staff.
- Gratuity: Exists as per government Norms. All the necessary provisions are made for financial containments by institute.

2. Working Hours:

- As per norms of Mumbai University.

3. Leave policy:

- Number of CL: As per Norms
- Medical Leave: As per Norms
- Earned Leave: EL exists for non-teaching staff 30days per annum. EL conversion from Vacation to EL is in 3:1. Ratio.

4. Pay policy:

- With Pay scale, to Assistant professors as per the university norms
- Different slabs for 2 yrs., 4 yrs. and 6 yrs. experiences, to avoid disparity amongst staff selected in different time periods.

5. Increment Policy:

- Uniform/Feedback based or both.

6. Motivational Policy:

- Financial assistance like fees, processing charges, TA/DA, in part or in some cases full.
- STTP/Training/ workshop/conferences/ Paper presentation
- Non-teaching staff is provided with uniform.

7. Higher Education policy:

- For, PhD - Sponsorship letters shall be provided
- Financial assistance may be considered.

8. Research and consultancy policy:**9. Financial Support Policy:****10. Teacher Incentives and awards for extra ordinary work:**

File Description	Documents
Paste link for additional information	http://theemcoe.org/attachments/NAAC/2021-22/c6/6.3.1.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**

5

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**

6

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	View File
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**

56

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

The institute has Performance Appraisal System for teaching and non-teaching staff. This system reflects to recognize the potential of the institute and the progressive leadership of fiscal governance.

1. Teaching Staff Endeavours:

- Student Result Analysis of the subject taught
- Student Attendance Analysis
- Staff Achievements and Activities
- Training/workshop/STTP/conference attended
- Papers/articles/book published
- Research project and innovation/consultancy
- E-learning content developed
- Industrial Visit conducted/acted as resource person
- Extension services/social activity

1. HODs Recommendation:

- Course Monitoring
- Other duties assigned and performed
- Sincerity in task performance
- Teaching Feedback
- Overall impression and grade

1. Institute Level Portfolio Performed and Negative impact of Absenteeism

This performance appraisal system has three categories with 100 marks:

1. Staff Appraisal
2. HODs Recommendation
3. Principal's Evaluation

The staff appraisal has three divisions with predefined value charts for 40, 10 and 30 marks respectively. Hence, it measures 80% of staff appraisal. The HODs recommendation verifies the data of staff appraisal and endorses the additional marks based on performances and feedback monitored. This adds another 15% of the total marks.

Principal's evaluates staff appraisal and HODs recommendations. He assesses institute level portfolio of the staff and evaluates 5% to complete the total evaluation with 100 marks.

File Description	Documents
Paste link for additional information	http://theemcoe.org/attachments/NAAC/2021-22/c6/6.3.5.pdf
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 institute does financial audit at regular intervals by institute's own internal audit system and the external agency. The internal audit is an ongoing process to thoroughly check and verify of all transactions and vouchers of each financial year. The external auditors verify and certifies the entire Income and Expenditure and the Capital Expenditure of the Institute every year. Minor errors or omissions and commissions when pointed out by the audit team are immediately rectified and precautionary steps are taken to avoid such errors in future.

File Description	Documents
Paste link for additional information	http://theemcoe.org/attachments/NAAC/2021-22/c6/6.4.1.pdf
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)

8.7

File Description	Documents
Annual statements of accounts	View File
Any additional information	View File
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

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

The institute is a private and un-aided. Students' fees is the major source of revenue. H. J. Thim Trust makes up for any deficiency in funds. The Top Management diligently monitors use of the fund for effective and efficient expenditure on teaching-learning endeavours and infrastructure development through annual budget system. Principal monitors all the major financial transactions with approval of the Director.

The institute has predefined systems for institute level budget summed up with the budgetary requirement of departments and of all the cells/centres. It manages within the available financial resources. Departmental budget explores all the avenue for the next fiscal year. The Principal reviews the budgets and a final draft of the budget is prepared in consultation of all the heads and senior faculty members as per expansion plans. The final budget is submitted to the management for approval.

The institute adopts Indian Accounting Standards to maintain books

of accounts. The accounts department monitors authentic records of every income and expenditure transaction. The institute receives approximately 50% of the fees from scholarship department of State Government. The remaining part of the fees is received from students. The fund is utilized for Employees Salary and infrastructure development, etc.

File Description	Documents
Paste link for additional information	http://theemcoe.org/attachments/NAAC/2021-22/c6/6.4.3.pdf
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 main responsibility of the Internal Quality Assurance Cell (IQAC) is to plan and implement policies for continuous improvement of quality and academic excellence. The IQAC works together with departments to achieve the goal to impart quality education through the betterment of teaching-learning processes, identifying and promoting good practices, and also by taking all round feedback from different students and parents on regular basis.

Internal quality assurance cell (IQAC) of the institute has initiated the review and improvement of the following processes.

Teaching-Learning Process

Regular monitoring and academic audit are done by IAMC which comprises senior faculty members from each department.

Industry Institute Interaction

Institute arranges industry interaction programs regularly to bridge the gap between industry and education by inviting prominent industry personalities

Training and Placement

We have a well-defined training and placement cell which works continuously to train and prepare students for placement. Also,

the institute's innovation cell encourages students to establish start-ups.

Different committees have been formed to maintain and enhance the above, also IQAC keeps a keen eye to the working of all those committees.

File Description	Documents
Paste link for additional information	http://theemcoe.org/attachments/NAAC/2021-22/c6/6.5.1.pdf
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

IQAC has mandated and implemented the following to review and improve the teaching-learning process:

1. Every teaching faculty maintain course files comprised of
 - a) Academic calendars, timetable, attendance, lesson plan, assignments and practicals.
 - b) Course Outcomes, Program Outcomes, and mapping of CO'S with PO's
 - c) Course exit survey, marks of Internal Assessments and University exam and Attainment.
2. Parent-teacher meetings are organized regularly for feedback from the parents.
3. From the first year each student is assigned a mentor, regular mentor-mentee meetings help the overall progress of the student. For that, a mentor-mentee booklet is maintained.
4. Slow learners and fast learners are identified and reflective measures should be taken to nurture them.
5. Conferences, seminars, and workshops to augment the quality of education are regularly organized.

File Description	Documents
Paste link for additional information	http://theemcoe.org/attachments/NAAC/2021-22/c6/6.5.2.pdf
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)

B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	http://theemcoe.org/attachments/NAAC/2021-22/c6/6.5.3.pdf
Upload e-copies of the accreditations and certifications	No File Uploaded
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

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

The institute endorses equal opportunities to both boys and girls participating in various scientific, cultural and sport events. Women Empowerment and Grievance Cell (WEGRC) deals with issues of girls and woman staff. "Programme on Self Defence for Girl Students " was conducted by Expert Trainer Mr. Akash Bhoje Mix martial Arts Academy on the women's day 10th March 2022 in

view to promote gender equity. On occasion of International Women's Day, 8 th March 2022, the Poster competition was conducted in association with NSS.

The institute's WEGRC and "Anti-ragging Committee" assure the Safety and Security of staff and student's grievances. The institute campus is fully monitored by CCTV cameras which ensure 24X7 safe and secure campus.

Counselling is an important step to nurture students' academic and technical related activities. We systematically follow the counselling to give professional advice to students about the technical studies and practices, To manage this, the institute formed a Mentor-Mentee System.

The institute has separate Common rooms for both boys and girls with an adequate facility that makes students comfortable. The facility of sanitary napkin vending machines are provided at ladies room

File Description	Documents
Annual gender sensitization action plan	http://theemcoe.org/attachments/NAAC/2021-22/c7/7.1.1.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	http://theemcoe.org/attachments/NAAC/2021-22/c7/7.1.1.1.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

B. Any 3 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

The institute has Solid Waste Management system at three locations where 6x4x3 feet 3 containers are fixed for dumping solid waste. All waste such as waste paper, food and material are refined and make ready in advance organic fertilizer. The valued generation of solid waste in the campus is approximate 3 to 5.5 kg per day from all the departments, canteen, and garden. Minimum 38-45 days are required to complete one cycle of composting.

The Liquid Waste Management of the campus has provision of septic tanks with an anaerobic environment in the tank which decomposes the waste discharged into the tank. The plumbing wastewater is assembled from different places to the septic tank. Cleaning of Septic tank is done regularly by municipal sludge gathering vehicle. Hazardous Chemicals are kept separately in the laboratory away from the students' reach. Students are made conscious of the hazardous chemicals before utilizing the chemicals.

E-waste of the college is given to the authorized dealers like scrap buyers. They check the useful components of computers like motherboards, SMPS, RAM and reuse it. MOUs has been done between college and the vendors for managing the repair of and various electronic components and refilling of printer cartridges

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	http://theemcoe.org/attachments/NAAC/2021-22/c7/7.1.3.pdf
Any other relevant information	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 with trees and plants**

A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Any other relevant documents	View File

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

B. Any 3 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

A. Any 4 or all of the above

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

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	View File
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).

With reference to above subject, every year the Institution takes efforts to create an inclusive environment for students and staff which leads to tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic. We have performed Tree plantation conducted on 8th Aug. 2022 planted 100 plants under 75th azadi ka amrit mahotsav.

The institute celebrates Republic Day and Independence Day every year in the college premises by organizing various social activities such as tree plantation, blood donation, etc. to enhance the spirit of nationalism. The day 15th August 1947 is the first day of India's freedom which is mentioned forever in the history. India's Independence Day is the most auspicious occasion to pay homage to the freedom fighters. We, the staff and the management, gather at parade ground of our college to celebrate this great national event by flag-hoisting with the national anthem.

Since 1950, every year on 26th of January, we celebrate "Republic

Day" -the day Constitution of India came into force. The Constitution of India on 26th of January, we all gather at the parade ground to celebrate this event by flag-hoisting with the national anthem and also we pay homage to the architect of the Constitution of India.

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	View File

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

1. A Expert talk on "Cyber Security Awareness": Seminar was given by Shree Nityanand IPS officer, had conducted on 5 Jan.2022 at 11.30 am onwards.

2. Activity: Expert talk on "National Girl Child Day" Seminar was given by Yogesh Jadhav, it was held on 24th Jan.2022 under "Azadi ka Amrit Mahatsava".

The institute celebrates Republic Day and Independence Day every year in the college premises by organizing various social activities such as tree plantation, blood donation, etc. to enhance the spirit of nationalism. The day 15th August 1947 is the first day of India's freedom which is mentioned forever in the history. India's Independence Day is the most auspicious occasion to pay homage to the freedom fighters.

4. Since 1950, every year on 26th of January, we celebrate "Republic Day" -the day Constitution of India came into force. The Constitution of India on 26th of January, we all gather at the parade ground to celebrate this event by flag-hoisting with the national anthem and also we pay homage to the architect of the Constitution of India. As a part of development of the country's environment greenery, wherever the barren land is there at Boisar we do plant saplings on the Republic day

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	View File
Any other relevant information	View File

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

A. All 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

Every year in India, on 15th of September, "Engineers Day" is celebrated by engineering fraternity. The date is embarked as the birthday of legendary engineer Dr. Mokshagundam Visvesvaraya who was the greatest engineers of all times with his vision in the field of engineering through which he contributed to India. He was honoured with the highest state award of India "The Bharat Ratna" in the year 1955. We celebrate engineers day.

We celebrate "Teacher's Day" on 5th of September every year in India. This date is the birth anniversary of Dr. Sarvepalli

Radhakrishnan who was a great scholar and an excellent teacher served as a successful leader in the form of the President of our country. We pay tribute to him by celebrating this day as "Teacher's Day" and we express our gratitude by greetings to the entire teacher for their love and care and few of them are rewarded with the best teacher awards.

"Yoga Demonstration by Yoga Expert on 21th Jun 2022 at our college premises near Seminar Hall. We have arranged an Expert talk on Yoga on 20 June 2022 in the Seminar hall of Theem College Of Engineering from 12:00 to 1:30pm,120 college students were participated.

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	View File

7.2 - Best Practices

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

Best Practice 1:

Title: "Transform Students Projects into Paper Publication"

A Report on National Conference in Engineering Excellence and Metamorphosis (THEEM-2022) To cope with the new trends and the rate of transformation in the arena of engineering and technology, Theem College of Engineering (Theem COE) have initiated a step ahead to conduct National Conferences under the name of THEEM.

Best Practice 2:

1. Title of the Practice: "Felicitation of the Academic Topper's"

2. Context The purpose of this is to create interest among

students in academics and to provide many Industrial Visits which help in their minor and major projects of their academics. The award show is organized by the institute to motivate the student for the academic activities.

Best Practice 3 :

1. Title of the Practice: "Counselling and Career guidance - for Secondary and Higher Secondary Students".

This activity is done to the 10th and 12th standard students to build-up their awareness on science and technical education. Our teaching and non-teaching faculty conduct career guidance on technical education in various schools and junior colleges. They counsel them how to do career planning and guide them how to prepare for entrance exams to get admission in a technical institute of their choice.

File Description	Documents
Best practices in the Institutional web site	View File
Any other relevant information	View File

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

Theem Maker's Vector which was started at its own earmarked premise on 31 July 2018 enabled students to carry out their innovative projects with equal attention on safety of self and machines. The workshop's liberty environment made all the projects to obtain tangible products as 'Quality Innovative Products' within the cost-conscious. This approach encouraged the budding engineers to acquire technical and professional skills and motivated to work in team the spirit of competitiveness among groups. Here are a few of the projects accomplished in TMV (Theem Makers' Vector).

Thrust: The primary effort to achieve the innovative project goals was a success through the teams of engineering student projects.

Outcomes and Achievements:

A Report on 'Internal Hackathon 2022 Internal THEEM Hackathon 2022 Event of Smart India Hackathon (SIH) 2022 was conducted in Theem College of Engineering on 12th April 2022 by. Senior faculties from various department were invited as judge to evaluate the idea solution and its implementation and other parameters to specific problem statements demonstrated by several competing teams of students and selected the top teams to be nominated for SIH 2022 registration for final competition at National level, around 50 teams and 190 students have participated in the internal Hackathon

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

1. In the series of Conference "Trends N Herald in Engineering and Metamorphosis (THEEM)", the institute plans to conduct an international conference THEEM-2023 in the next academic year.
2. Plans to conduct Faculty Development Program to enhance the pedagogical skill of the staff.
3. To conduct "Students Development Program" on group discussion, training for interviews etc to bridge the gap between industry and education. Also to continue with the superset platform for evaluating the students.
4. It is planned to conduct various activities under the purview of Institute Innovation Council (IIC).
5. To apply for National Institute Ranking Framework (NIRF 22), Atal Ranking of Institutions on Innovative Achievement (ARIIA), etc.
6. To start honours course on "Data Science" as per Mumbai University guidelines.
7. A workshop on "Quality Assurance in Higher Educational Institutes (HEI's) by using Open Educational Resources (OER)" to be arranged for faculty sponsored by NAAC.
8. To motivate students to take advantage of various online courses like NPTEL, SWAYAM, FOSSI etc. to increase certification.