YEARLY STATUS REPORT - 2020-2021

Part A	
Data of the Institution	
1.Name of the Institution	MIT ACADEMY OF ENGINEERING
• Name of the Head of the institution	Dr. Mahesh D. Goudar
• Designation	Director
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	02030253500
• Alternate phone No.	02030253600
• Mobile No. (Principal)	9689907476
• Registered e-mail ID (Principal)	director@mitaoe.ac.in
• Address	ALANDI(D),TAL-KHED,DIST-PUNE,
• City/Town	Pune
• State/UT	Maharashtra
• Pin Code	412105
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	13/10/2015
• Type of Institution	Co-education
• Location	Urban

• Financial Status	**Self-financing**	
• Name of the IQAC Co-ordinator/Director	**Dr Sandeep P Shewale**	
• Phone No.	**02030253500**	
• Mobile No:	**9823272765**	
• IQAC e-mail ID	**iqac@mitaoe.ac.in**	

3.Website address (Web link of the AQAR (Previous Academic Year)	https://mitaoe.ac.in/assets/images/pdf/AQAR-2019-20-New.pdf
4.Was the Academic Calendar prepared for that year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	https://mitaoe.ac.in/assets/images/pdf/Academic_Calender_2020_21_new.pdf

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**A**	**3.13**	**2014**	**24/09/2014**	**31/12/2021**

6.Date of Establishment of IQAC	**20/03/2014**

7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
Nil	**Nil**	**Nil**	**Nil**	**Nil**

8.Provide details regarding the composition of the IQAC:

• Upload the latest notification regarding the composition of the IQAC by the HEI	View File	

9.No. of IQAC meetings held during the year	**04**
• Were the minutes of IQAC meeting(s) and	**Yes**

compliance to the decisions taken uploaded on the institutional website?		
• If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded	
10.Did IQAC receive funding from any 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)

• Conducted Online Teaching-Learning through MS Teams (Web Conferencing Tool), conducted Proctored Examination through AMCAT Aspiring Mind online Platform for all the courses. For enhancing the compatibility of students with external world through B TechGuru and AMCAT. • Conducted various audits like-Energy, Green, Environmental, Gender and Product Audit. Also for the Autonomy 2.0, syllabus revision was carried out for second year (SY) courses. • Faculty participation in IUCEE Annual Leadership Summit organized by Indo Universal Collaboration for Engineering Education (IUCEE).Also organized TEDxMITAOE and theme was 'PRARAMBH' under Sophomore Edition. • Received Band B Rank 26-50th' in the Self Finance Private Institute Category, in the ARIIA rankings. • MoU signed with 'Palo Alto Network' to bridge the gap between academic & industry in Cyber security and Network security.

12.Plan of action chalked out by IQAC at 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
Academic Audit	Teaching Learning Enhanced
Product Audit	Compatibility with outside world
Question Paper Audit	Quality of Question Paper Enriched
Quality System Audit	Organizational Process Improved
Implementation of ERP	Path towards digitization
Implementation of LMS(Moodle)	Engaged the students effectively
Involvement of Industry Expert	Bridged the Gap between the Industry and Academia
Workshop/Seminar/Webinar on Accreditation / IPR	Increased Awareness and Active Involvement in the Accreditation Process ,Increased the Proficiency with respect to IPR

13.Was the AQAR placed before the statutory body?	Yes

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Governing Body	13/12/2021

14.Was the institutional data submitted to AISHE ?	Yes

- Year

Year	Date of Submission
2020-21	31/01/2022

Extended Profile

1.Programme

1.1   10

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1   **2861**

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2   **704**

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3   **2806**

Number of students who appeared for the examinations conducted by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1   **383**

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2   **143**

Number of full-time teachers during the year:

Extended Profile

1.Programme

1.1

Number of programmes offered during the year:

10

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1

Total number of students during the year:

2861

File Description	Documents
Institutional data in Prescribed format	View File

2.2

Number of outgoing / final year students during the year:

704

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3

Number of students who appeared for the examinations conducted by the institution during the year:

2806

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1

Number of courses in all programmes during the year:

383

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2 Number of full-time teachers during the year:	143

File Description	Documents
Institutional Data in Prescribed Format	View File

3.3 Number of sanctioned posts for the year:	193

4.Institution	
4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	236
4.2 Total number of Classrooms and Seminar halls	36
4.3 Total number of computers on campus for academic purposes	941
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	138.48

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

As an autonomous institute, various progressive steps were taken in framing curriculum structure as per the need and demands of stakeholders, in line with the Mission and Vision to achieve articulated outcomes. The curriculum framework offers credit flexibility and choice of courses to students. Because of the National Education Policy gave more focus to skill courses such as design thinking, prototyping, process optimisation, Data structure

and algorithms, Java programming language, Python, AWS cloud services, ASPEN ONE, and Red hat Linux project. Open elective courses are also offered to widen students' choices: Process Engineering, Data Sciences, and Computer-aided Engineering. Students are groomed for overall development through courses such as language and communication, psychology, professional skills, sociology, environmental science, professional communication and liberal learning. The curriculum offers project work at three levels: minor topics and small ideas in the second year, a mini project in the third year and a major project in the final year. Summer internship programmes (SIP) and semester-long internships (SLIP) facilitate on-job training and help to explore industry functioning, teamwork and application-based learning. In the last semester of the final year, students can choose programme courses or opt for SLIP.

File Description	Documents
Upload additional information, if any	[View File](#)
Link for additional information	**Nil**

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

10

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	[View File](#)
Details of syllabus revision during the year	[View File](#)
Any additional information	**No File Uploaded**

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

334

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	View File
Any additional information	**No File Uploaded**

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

383

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

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

10

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	**No File Uploaded**
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

To integrate the cross-cutting issues relevant to Gender,

Environment and Sustainability, Human Values and Professional Ethics, College has imbibed different courses in the curriculum. Some enhance professional competencies while others aim to inculcate general competencies like social and ethical values, human values, environment sensitivity etc., thereby leading to the holistic development of students. Sociology speaks about the meaning of Gender Sensitisation, Discrimination, violence and abuse to acquire a sociological understanding and address the issues with appropriate behaviour in society.YourDOST- Emotional Wellness Coach for MIT AOE organises various webinars and personal coaching to all students and faculties to address these issues. The course on environmental Engineering addresses Global Environmental Issues and Sustainable development. Under UBA, five villages are adopted, and projects for environment and sustainability are in progress. NSS unit of 100 students actively participates in various activities to address this issue like tree plantation, Ganesh Idol Collection, Swacch Dindi Nirmal Dindi, etc., skill development and projects each year focus on the professional ethics to technical content and research. We constantly make efforts to improve the students' behavioural and ethical levels through these cross-cutting issues.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

3

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	View File

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

188

File Description	Documents
List of students enrolled	View File
Any additional information	View File

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

911

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni **A. All 4 of the above**

File Description	Documents
Provide the URL for stakeholders' feedback report	https://mitaoe.ac.in/assets/images/pdf/1_4_1_Structured_feedback_and_review_of_the_syllabus.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	**No File Uploaded**

1.4.2 - The feedback system of the Institution comprises the following **A. Feedback collected, analysed and action taken made available on the website**

File Description	Documents
Provide URL for stakeholders' feedback report	https://mitaoe.ac.in/assets/images/pdf/1_4_2_Th_feedback_system_of_the_Institute.pdf
Any additional information	[View File](#)

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

633

File Description	Documents
Any additional information	[View File](#)
Institutional data in prescribed format	[View File](#)

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

170

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 students' learning levels and organises special programmes for both slow and advanced learners.

Admission to Engineering is done through Common Admission Programme by the CET Cell, Directorate of Technical Education, Government of Maharashtra, based on students' performance in the HSCBoard examination and the Common Entrance Test conducted by DTE / JEE. As the students from different parts of the country can get admitted, the institute ensures proficiency in the language from the beginning of the semester to facilitate every learner's excel. Based on the feedback received from many recruiters, the students' communication skills need to be improved. There are good job

opportunities in countries like Japan and Germany. To address the above issues, we decided to focus on the same. The students with good English communication skills only will be permitted to choose alternate languages (Japanese / German). All the remaining students will be learning English. The course level internal assessment is done using various collaborative learning activities like Jigsaw, Flipped Classroom etc. The student groups are formed in a heterogeneous way to include learners of all different levels and support them in their learning. The student groups are formed using a combination of academically strong, medium and poor students.

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

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
12/01/2022	2861	143

File Description	Documents
Upload 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:

Institute has adopted various student-centric methods for enhancing their learning experiences:

Experiential Learning- Project-based learning approach in courses like Prototyping, Engineering Informatics, departmental core courses, Mini, Minor and Major projects improves experiential learning.

Participative learning – teachers conducted various in-class and out-class active learning activities like Flipped classroom, Jig Saw, Roleplay, Think-pair-share, Group discussion, one-minute paper, etc., to enhance students' participation in the teaching-learning process.

Problem-solving methodology – In the various courses from the first year to the final year, students are given case studies and creative assignments based on real-life problems to enhance their creativity, critical thinking and problem-solving skills. Students are encouraged to participate in National and International level competitions.

Real-world exposure: Industrial visits and invited lectures by industry experts are conducted to provide a practical perspective of the real world of work.

Joyful learning through students' clubs and participation in technical competitions: These clubs help in the intellectual, technical, physical, social, emotional, and ethical development of students in a holistic way. Peer learning and participative learning in a joyful environment happen through these clubs. Along with activities, students get exposure to participating in various national and international competitions.

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

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

LMS and online teaching Platforms:

1. LMS - Cloud-Based Moodle Server hosted by eAbays Info Solutions Pvt. Ltd., Banglore - With 1000 Concurrent Students www.moodle.MIT AoE.ac.in

2. Go to Webinar and Go to Meeting Web-based platform to conduct Online Lectures.

3. G. Suite Domain for Education from which Teachers uses the Google Classroom and Google Meet Tool while teaching.

4. ERP System

5. Under the Microsoft Licenses Subscription Scheme Institute has Unlimited Licenses of MS Office 365. MS Teams is used to conduct Online Theory, Practical sessions and assessments.

6. AMCAT Aspiring Mind online Platform for the conduct of examination and tests of placement Activity.

7. VPN Connectivity facility is available to access the lab's shared resources so that students can access the licensed software from the department's lab and perform practicals.

E-content development by teachers

Teachers use lecture recording or screen recorder tools like Screencast-o-Matic, PowerPoint screen recorder etc., to record their lectures. Some of the Teachers are developing their websites.

Teachers record the videos of demonstrations of the practice in the laboratory by performing the experiments. Even virtual labs are created by chemical and computer departments.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	http://moodle.mitaoe.ac.in/login/index.php
Upload any additional information	View File

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

143

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

The following procedure is adopted in drafting the Institute level academic calendar:

- **The total no. of instructional days required is identified.**
- **Dates of Social gatherings and technical events are decided**
- **Exam dates are finalised.**
- **The Start and End of the semester are planned.**

A draft copy is discussed with the Director, Deputy. Directors, all School Deans, Other central Deans and Controller of Examination.The head approves the final copy of the Institute level Academic Calendar of the Institution.Every school prepares the School Academic Calendar and mentions the School level activities.

Preparation of Teaching Plan:

- **Along with the Academic Calendar, every school also prepares the Time Table.**
- **Teachers plan their teaching according to the timetable and academic calendar.**

Adherence to the Teaching Plan:

The class coordinator checks the teaching plan fortnightly and by School Deans monthly.If found variance, the plan for covering up the curriculum is done by Teachers and verified by School Deans. At the end of the semester, the School Deans verified the teaching plan for timely completion of academic activities.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	[View File](#)

2.4 - Teacher Profile and Quality

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

143

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	[View File](#)
List of the faculty members authenticated by the Head of HEI	[View File](#)
Any additional information	**No File Uploaded**

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

33

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	[View File](#)
Any additional information	[View File](#)

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

1141

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	No File Uploaded

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

15

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	View File

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

834

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	View File

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

The online examination process starts on two aspects simultaneously-one on students' side- with students' semester exam registration. The course wise student summary is generated. An examination time table is prepared.

On the faculty's side, the test is configured on the examination portal . The question paper was checked for appropriateness, time required to solve, and to ensure no content beyond the syllabus.

After approval the faculty will upload the same in the examination portal. At the Institute level, the question paper is audited from the OBE perspective.

Proctoring features are implemented to ensure a fair assessment process.

In post examination work: internal assessment marks, open ended marks and practical assessment marks as received from examiners are entered in the system with double check. The online examination marks are also compiled.

Grading is done for respective courses and the result is generated which is sent to deans of respective schools for verification purpose. After verification, the result is circulated to the students.

Student queries after declaration of result are received through email. The result is finalized after the completion of the query and the ledger of results is circulated to the students. Finally, grade cards are printed and distributed.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	https://employer.aspiringminds.com/

2.6 - Student Performance and Learning Outcomes

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

The NBA specifies the Program Outcomes. Each program, if required, can add 2 to 4 Program Specific Outcomes (PSO) depending upon the domain. Each program outcome is going to be linked to the different course outcomes through the CO – PO articulation matrix, explaining the strength of the relationship as either S (strong), M (Medium) or (Weak) on a scale of 1 to 3, with 3 being the highest representing strong correlation and 1 being the weak correlation. If there is no correlation, it is 0 or N (no). The course outcomes are formulated through the interactions of the course champions with all stakeholders, and they are compiled once approved by the Chairman, Board of Studies (BoS). They are informed to the different stakeholders through different modes. A copy is also available on the website of the institute. The

faculty also informs the students during the course discussions, and the parents are informed during the parent meetings. All the Alumni and Industry are communicated by email. The same is also available on the website of the institute under IQAC.

https://MIT AoE.ac.in/assets/images/pdf/2_6_1_Programme_Outcomes_and_Course_Outcomes_for_all_Programmes.pdf

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	[View File](#)
Upload any additional information	**No File Uploaded**
Link for additional Information	[https://mitaoe.ac.in/assets/images/pdf/2_6_1_Programme_Outcomes_and_Course_Outcomes_for_all_Programmes.pdf](#)

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

The attainment of course outcomes will be done using different tools. Initially, the faculty will assess the contribution of the different tools to the course outcomes. Based on the actual performance of the students and the contribution of various tools, we will obtain the CO scores. Now the CO scores will be compared with the target set to assess whether the student had attained that CO or not. Depending on the number of students attaining the CO, the % of attainment will be calculated. Program outcomes are measured through direct and indirect methods. Direct methods combine the Mid Sem Exam, End Sem Exam and the Continuous Assessment activities conducted by the faculty. The indirect methods are the course exit surveys. Alumni feedback, Employer surveys etc. Once the COattainments are calculated, the direct attainment for the POs is done through the CO – PO articulation matrix and the actual % attainment for every CO. Similarly, the attainment of POs through indirect methods will also be calculated. The final PO attainment will combine 80% of direct attainment and 20% of Indirect attainment. The same process will be used for the attainment of PSOs also.

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

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

677

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	https://mitaoe.ac.in/assets/images/pdf/2_6_3-Link-for-Annual-report.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

https://mitaoe.ac.in/assets/images/pdf/2_7_1_Student_Satisfaction_Survey_(2020%20-21).pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

Teaching needs to be appended with research skills to fulfil today's industrial and job-oriented requirements of skills expected in students of Engineering. To achieve this, faculty are prime promoters of research aptitude in students. The expected skills of critical thinking, experimental design, data collection and analysis and application need to be embedded in students through research.

MITAoE has its own R&D manual, Consultancy Policy and Intellectual Property Rights Policy. To appreciate the exemplary performance in research, the Institute has an R&D incentive Scheme. The policies are updated as per the need of time and disseminated to faculties. Institute has a robust Code of Ethics policy for Plagiarism in Research publications that is well in place to deal with cases of plagiarism.

The institute's infrastructure keeps abreast of global standards and excellent research facilities coupled with intellectual freedom, richly add to the perfect ambience for conducting cutting-edge research. To foster research culture and provide an ecosystem, the Institute has high-end equipment, such as CNC grinding machine, UTM, Wind Tunnel to mention a few. Advanced labs such as VLSI Design Centre and Communication labs have been developed through AICTE funds.

Software such as ANSYS, CATIA, Ravit and ASPEN are available for research work.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	[View File](#)
Provide URL of policy document on promotion of research uploaded on the website	https://mitaoe.ac.in/Research-And-Development-Policies.php
Any additional information	No File Uploaded

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

83637

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	View File
Any additional information	No File Uploaded

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

00

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	No File Uploaded

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

01

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	View File

3.2.2 - Number of teachers having research projects during the year

01

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	**Nil**
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

04

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

01

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://mitaoe.ac.in/assets/images/pdf/3_2 _4_Research__projects_funded_by_Government _and_Non_Government_agencies.pdf
Any additional information	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

The journey of e-Cell and MITAoE Entrepreneurial Development Foundation started in 2018-19 with an objective of inculcating entrepreneurship and innovation culture amongst students and promoting innovation, entrepreneurship and start-up culture at

MITAoE campus. We are proud to share the achievements received just within 1.5 years, like Winner at NEC-2019, Start-up Club Award, ARIIA-2019 Ranking (In top 100), Approval as a host institute for setting up Business Incubator under MSME-BI scheme, 4-Star performance at Institute Innovation Council (IIC) an Initiative of MHRD-GOI, etc. Under our entrepreneurship (e-Cell) umbrella, we have organized workshops, competitions, webinars, and seminars on Innovation, IPR and start-up to inspire students for entrepreneurship and start-ups.

Programs such as Practice Venture (PV) and participation in competitions such as the National Entrepreneurship Challenge are a part of the functioning of e-Cell. With the collaboration of the Wadhwani Foundation, we have offered two courses for the BTech program such as Basics of Entrepreneurship and Business Strategies. The MITAoE Entrepreneurial Development Foundation acts as an Incubation Centre within the campus for the student start-ups, currently, 19 start-ups are working at Campus on their ideas and identifying problems. In the latest ARIIA-2020 ranking, we stood in Top-26-50 at the "Band B" list of institutes in India.

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

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

43

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	No File Uploaded

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee

A. All of the above

**Ethics Committee Inclusion of Research
Ethics in the research methodology course
work Plagiarism check through
authenticated software**

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	View File

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

00

File Description	Documents
URL to the research page on HEI website	https://mitaoe.ac.in/Research.php
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	**No File Uploaded**

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

19

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	View File

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

94

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://mitaoe.ac.in/assets/images/pdf/3_4_4_Number_of_books_and_chapters_in_edited_volmes_books.pdf

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

86

File Description	Documents
Any additional information	**No File Uploaded**
Bibliometrics of the publications during the year	[View File](#)

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

2

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	[View File](#)
Any additional information	**No File Uploaded**

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

9.5909

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	View File
Any additional information	No File Uploaded

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

0

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	View File
List of facilities and staff available for undertaking consultancy	View File
Any additional information	No File Uploaded

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

Institute initiates various extension and outreach activities through the platform of National Service Scheme (NSS), Unnat Bharat Abhiyan, Swach Bharat Abhiyan, Robin Hood Army and Green Club.

The initiatives like rainwater management, cleanliness drive and toilet building creates awareness among the villagers to save the water, keep hygiene to protect the family members from various diseases. Tree plantation drive, Ganesh Visarjan campaign builds environmental sensitivity among the people. Blood donation camps, different kinds of awareness drives like Government Schemes,

digital literacy on the one hand brings the villagers on an equal platform with the urban people and pave the way for active participation of the students in social life. While working in the community, students have to confront many kinds of issues, problems and difficulties. They come out comfort zones and actively deal with real time problems and issues. Focus on academics runs the risk of incomplete growth of the personality of the student. Such outreach programs help in shaping the various dimensions of the personality of the student's like empathy, compassion, resilience and leadership. The larger purpose which is served by such outreach programsis to inculcate the bond of patriotism, national integration, brother hood, communal harmony among students.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://mitaoe.ac.in/nss.php

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

01

File Description	Documents
Number of awards for extension activities in during the year	[View File](#)
e-copy of the award letters	[View File](#)
Any additional information	No File Uploaded

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

01

File Description	Documents
Reports of the events organized	[View File](#)
Any additional information	[View File](#)

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

332

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

762

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	View File

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

10

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

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 equipments, etc.

The institute provides state-of-the-art infrastructure and physical facilities to fulfil all the criteria of NBA and meet all

current teaching-learning requirements.

Classrooms: The Institute has a total of 34 ICT Enabled classrooms. All classrooms are equipped with Physical & Online Teaching facilities for conducting lectures, such as whiteboards, notice boards, LCD projectors, Internet Connection through LAN or Wi-Fi, Microphones, Web Cameras etc.

Laboratory: Institute has 62 well-equipped laboratories with modern facilities to meet the requirements of the curriculum. Advanced software has also been installed in the laboratories' computing systems to meet the course requirements.

The institute also has Tutorial Rooms, Drawing Halls, Seminar Halls, a Counselling Centre and other special infrastructure for student support to meet the requirements of the curriculum.

Computing Equipment

Institute has IT infrastructure has a network of 1091 computers, more than 100 printers, scanners, 14 high-end servers, adequate license software, operating system SW, Microsoft campus license, required hardware, firewall systems etc., to meet the academic and research requirements. The campus is equipped with a 500 Mbps internet leased line for smooth conduct of teaching and laboratory sessions

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://mitaoe.ac.in/assets/images/pdf/4_4_2_The_Institution_has_adequate_infrastructure_and_physical_facilities_for_teaching_learning_viz_classrooms_laboratories_computing_equipment_etc.pdf

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

Ample cultural activities and sports facilities are available for the all-round development of the students. In addition to these facilities, there are 24 clubs present in MIT AOE. These clubs are categorised mainly into 5, Technical, Cultural, Recreational, Social and Sports. These clubs are open to all branches of

students and nurture interdisciplinary teamwork among students. A well-organised student council is formed yearly, which is a backbone for all events and activities in the college.

Cultural Activities

A student activity hall (approx. 3000 sq. ft.)is made available for cultural events. In the open Amphitheatre(35 x 35 meters), nearly 400 students can participate in various cultural activities. There are5 different Cultural Clubs established which organise dance, singing, drama, music and art and craft activities. The students always participate in national level multi-talent programs also.

Yoga and Meditation

The yoga and meditation club of MIT AOE is active throughout the year. Yoga days, meditation programs, and health awareness programs are always organised by the club.

Sport facilities

The institute has 50 meters * 100 meters sports ground. Ample sports kits are made available for playing various sports. Students are encouraged to participate in national, state, and zonal level tournaments.

File Description	Documents
Geotagged pictures	[View File](#)
Upload any additional information	No File Uploaded
Paste link for additional information	https://mitaoe.ac.in/assets/images/pdf/4_1_2_The_institution_has_adequate_facilities_for_cultural_activities.pdf

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

36

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

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

5.56

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	**No File Uploaded**

4.2 - Library as a Learning Resource

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

The central library system is automated using ILMS software, namely "SLIM 21". Every year library gets an upgrading version (The software is maintained through AMC). SLIM21 is an integrated, multiuser, multitasking library management software developed using VB as the fronted and Posture SQL on Linux like the back end that supports in-house operations of the library

Name of the ILMS: SLIM 21

Version: 3.7

Nature of automation: Automated

Year of automation: 2001

Last up-gradation: January 2021

The institute has the following modules under the software :

Acquisition, Cataloguing, Circulation Serial control, Utility,

Statistics, Web-OPAC

Books in the Central Library are barcoded to maintain circulation records and other records. Central Library has developed a digital library consisting of project reports, e-books, a syllabus, an old question bank, and a list of various resources. Integrated these resources with the web-OPAC (SLIM SOFTWARE) through which users can access digital library resources remotely.

Users can access library databases and digital library resources through the internet and the intranet. The Central Library has 10 PCs in Digital Library and Multimedia Section, from where MIT AOEauthorized users can access e-resources and library database. MIT AOE users can access Web-OPAC from anywhere, anytime and from any device.

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

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources

A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	View File

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

00

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

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

327

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	No File Uploaded

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

Faculty / Staff and the Students can browse the internet after getting Authenticated through Radius Server and Sonic Firewall. Sonicwall takes care of Internet security with its Advanced GatewaySecurity Suite, including Gateway AV/Anti-Spyware/Intrusion Prevention /App Control/prevention from Intrusion attacks, App Visualization, Content Filtering etc.

WIFI Connectivity is available on campus using the Cisco WIFI Controller Units and Access Points on the Campus. Faculty and the Students have to register their Laptops or the Smart Phones MAC Address to avail the WIFI Browsing facility.

Besides, Firewall Institute also has Symantec Antivirus installed on its systems for additional security. Institute is continuously keeping upgrading its Network Devices and Access Points, WIFI based devices updated to match the recent technology needs.

Budget allocation for IT facilities: Every year institute allocates Department Separate Equipment Budgets to Purchase the necessary Computer Systems, required Software, Printers and other IT related equipment. Institute Level, all requirements were

collected centrally every year and, accordingly, purchased and distributed.

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

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
2861	941

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

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

A. ?50 Mbps

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

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

A. All four of the above

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	Nil
List of facilities for e-content development (Data Template)	[View File](#)

4.4 - Maintenance of Campus Infrastructure

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

138.52

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	No File Uploaded

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

MIT AOE is allocated a separate budget for repairs and maintenance of physical, academic and support facilities for the laboratory, library, sports complex, computers, and classrooms. The designated staff meticulously maintain hygiene, cleanliness and infrastructure of the classrooms and laboratories to provide a pleasant learning environment. Fire extinguishers and safety measures are placed at prominent locations. Institute has a standby DG set & UPS for power backup. Exclusive manpower for regular maintenance of ITC infrastructure, books, furniture, fixtures, etc. Institute has a good number of cleaning staff to good cleanliness of its premises. The Central Library does AMC of library software every year. Pest control is also conducted throughout the campus at regular intervals. The team of the System Department takes care of all the technical issues of ICT infrastructures. The up-gradation and maintenance of sports fields and infrastructure are done efficiently through regular monitoring by the Physical Director using the required manpower. The dedicated and qualified staff members are appointed to maintain civil, mechanical and electrical work for the smooth and efficient functioning of the institute. The institute has a medical doctor and MOU with a nearby hospital for the well-being of staff and students

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://mitaoe.ac.in/assets/images/pdf/4_4_2-There-are-established-systems-and-procedures-for-maintaining-and-utilizing.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

1842

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	View File

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

1

File Description	Documents
Upload any additional information	View File
Institutional data in prescribed format	View File

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

A. All of the above

File Description	Documents
Link to Institutional website	https://mitaoe.ac.in/assets/images/pdf/5_1_3_Capacity_Development_and_Skill_Enhancement_activities_are_organised_for_improving_students_capabilities.pdf
Details of capability development and schemes	View File
Any additional information	View File

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

3297

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 adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees

A. All of the above

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

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

441

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

5.2.2 - Number of outgoing students progressing to higher education

15

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	View File

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

17

File Description	Documents
Upload supporting data for students/alumni	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 and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year

05

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

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

The student council at MIT AOE is formed to inculcate leadership and team-building qualities among students. The class representatives of all classes are members of the student council.

Class representatives, Student council members are selected by the rules and norms stated by the Government of Maharashtra Gazette part 8, dated11/01/2017.

Thus, Student Council is a group of elected students working together with the dean and student affairs guidance within the framework of a constitution or bylaws to provide a means for student expression and assistance in college affairs and activities. The major objectives of the MIT AOE student council are as follows:

1. To initiate, implement, and complete projects and activities that will help the school, the students, the faculty, the administration, the Board of Trustees, and the community.

2. To develop and provide opportunities for leadership and service in the local school and the community.

The President, Secretary and Ladies representative of the Student Council is part of the College Development Committee (CDC). They put students' perspectives in the meeting and contribute to the development of the college. President, Ladies Representatives, are part of student welfare and extra-curricular and co-curricular committee. IQAC of college also has student council representation.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://mitaoe.ac.in/assets/images/pdf/Formation_of_IQAC_2022.pdf

5.3.3 - Number of sports and cultural events / competitions organised by the institution

13

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	No File Uploaded

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

The institution has registered for the Alumni association.

Reg No: MAHA / 1106 / 2019 / Pune, Date: 01 / 08 / 2019

Objective of the MIT AoE Alumni Association is to provide alumni with resources, relationships and opportunities that help them make contributions of immediate and enduring value.

Alumni website serves as a powerful communication tool for enhancing the ties between the Alumni, its members and students. Launching the website was the first step of a series of communications between MIT AOE and the extended family of alumni and friends.

Alumni always contribute to the development of students by extending support in terms of providing expert talks, placements and internships supports. Many of the Alumni have supported economically needy students. In this pandemic situation, support of Rs. 58000/- was given to one of the students.

The web portal was developed for Alumni Engagement and as a platform for career opportunities for all connected alumni. They get a chance to know about better opportunities available across the globe. Placement cell of MIT AOE also extends support to alumni for their career opportunities.

Hope the bond of alumni gets strengthened over the period and results in the betterment of the institute.

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

5.4.2 - Alumni's financial contribution during the year   **E. <2 Lakhs**

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 an effective leadership in tune with the vision and mission of the Institution

VISION

To develop MIT AOE into a new-age learning centre with an excellent ambience for academics and research conjugated with a vibrant environment for honing all its stakeholders' curricular and extra-curricular skills to enable them to solve real-world problems and bring a positive change in the society.

MISSION

To leave no stone unturned in our endeavour to ensure that every alumnus looks back at us and says, MIT AOE has not merely taught me, it has educated me.

MIT AOE's strategic plan is built upon five core values knowledge, Excellence, Integrity, Transparency and Empathy. This is prepared with the involvement of all stakeholders - faculty, staff, industry professionals, alumni etc.

Planning Process

The Institute core committee was formed to prepare strategic plan draft based on inputs taken from internal and external stakeholders. Draft copy of strategic plan has been discussed in detail with all stakeholders, including, Alumni, industry experts,

academic experts, BOS, academic council, college development
committee, and Governing Body.

Implementation

This plan was discussed in various stakeholder meetings, followed
by feedback on major focus areas classified as core focus areas
and supporting focus areas.

Core and supporting focus areas are addressed through such
inclusive implementation

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

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization
and participative management

The roles and responsibilities of each designation are defined for
smooth functioning.

Director is the Head of the Institute in terms of statutory and
operational functions. His responsibilities include planning,
implementing, and monitoring the strategic plan for continual
improvement with the support of all faculty and staff in
consultation with Deputy Directors.

Registrar responsibilities include planning, directing, scheduling
and coordinating in-service training programs for staff,
supervising and evaluating administrative personnel, Service
matters, such as appointments, promotions, retirement,
disciplinary actions, and sanction of leaves, and ensuring safety
and security to all in the college, ensure overall planning of
accreditation and ranking, activities related to sections like
Estate, Legal, Stores, HR etc.

School Deans' responsibilities include ensuring quality system
implementation, courses, projects, portfolios, liaison with
COE/SPPU for smooth conduct of exams etc., by positive and dynamic
leadership.

COE duties include conducting various examinations, valuation of

answer scripts and publication of results and Certificates, coordinating with the parent university to ensure credibility and stability to the examination system, devising and monitoring strategies and implementing useful examination practices at the institute and continuously striving to bring about reforms as and when required in the examination-system.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	https://mitaoe.ac.in/assets/images/pdf/MIT AOE-Strategic-Plan-5-years.pdf

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

MIT AOE is a sought-after campus for the major multinational corporations for campus placements.

Activity details

To provide employability-based training through different curricular as well as co-curricular activities. (Communication skills, professional skills and employability skills related to mandatory courses in the curriculum), conduct major/minor career assessment tests, necessary training and assessment platforms for personality development of the students from the employability perspective, organise various expert sessions, technical series, webinars, seminars, a panel discussion on current trends in technology, to encourage the students for industry-sponsored projects as well as consultancy works, Student Internship Programs (SIP) which are mandatory for all the students, connect the students with various MNCs for Semester Long Internship Programs (SLIP) for providing the

industrial opportunity for them to work as full-time interns during their 8th semester, organise campus recruitment drives for UG and PG students, create opportunities for them to work in the field of their choice with industry leaders, etc.

The institute has established a long-term relationship with many corporates for industry-sponsored projects, and around 500+ industries support the MIT AOE students.

The impact of various employability activities has been observed on overall campus placement

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	Nil
Upload any additional information	View File

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

MIT AoE is a multi-disciplinary autonomous engineering institute that functions under the aegis of MAEER. The Director is the executive head of the institute. He chairs the position which is the authority on all academic matters. He is also a member secretary of Governing Body and Chairman of the Academic Council. Three Deputy Directors and Deans assist the Director in his executive roles. The Registrar and senior officials in specific areas perform other administrative functions. In addition to academics and research, Deputy Director (Academics and Research) takes care of the library and digital infrastructure related to academics. Deputy Director (Corporate) takes care of industry-institute interaction, training and placement activities, entrepreneurial activities, overall placement, higher studies, and international collaborations. Deputy Director (Administration) manages overall functions related to accounts, stores & purchases, estate & infrastructure development, student admissions, electrical maintenance, housekeeping, security etc.

In addition to this, several statutory and other committees are placed to administer various activities related to academics, administration, and extension activities. A considerable amount of work of the authorities is organised through these committees. The examination committee monitors the evaluation procedures under the guidance of the Controller of Examination.

File Description	Documents
Paste link to Organogram on the institution webpage	https://mitaoe.ac.in/assets/images/pdf/Org_Chart_15Oct2020.pdf
Upload any additional information	View File
Paste link for additional Information	https://mitaoe.ac.in/assets/images/pdf/Final%20Revised%20HR_Manual_2019-2020_03-9-2019.pdf

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) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	No File Uploaded

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

The college, in general, takes care of its employees well. There are several welfare measures in place for the teaching and non-teaching staff. The college encourages worthwhile welfare schemes to all the teaching and non-teaching staff to boost the employees' morale and thus make them motivated to work efficiently.

Some of the welfare measures the institute provides to its employees include Promotion and increments based on self-appraisal, certificate of appreciation for academic excellence, the incentive for publication of papers/research articles, supporting faculty members to conduct/organise guest lectures, supporting faculty members to conduct/organise a conference/ Seminar/ workshop/ FDPs.

All the employees are covered under medical insurance facility towards accidental and health insurance per annum. The institution also provides the Employee Provident Fund (EPF) facility for its employees.

In addition, the colleges also provide various leave benefits to all the employees, such as casual leave, special leave, medical leave, maternity leave and Special Casual Leave (SCL) to both teaching and non-teaching staff. The teaching and non-teaching staff is provided with welfare schemes to enrich the employee profile

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://mitaoe.ac.in/assets/images/pdf/Final%20Revised%20HR_Manual_2019-2020_03-9-2019.pdf

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

127

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 programmes organized by the Institution for its teaching and non-teaching staff during the year

14

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	[View File](#)
Upload any additional information	[View File](#)

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

143

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	**No File Uploaded**

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Qualified and certified internal and external auditors are appointed to do the audit regularly by the Trust office. The auditors conduct the audit of accounts. They scrutinise and verify all payments, receipts and journal vouchers of the transactions, cash books, ledger accounts, and all bank accounts.

The institutional accounts are audited twice a year by both Internal and statutory audits. So far, there have been no major objections. When pointed out by the audit team, minor errors are immediately corrected/rectified, and the institute takes precautionary steps to avoid the recurrence of such errors in the future.

Auditor's responsibility is to express an opinion on the financial statement based on their audit. An audit was conducted under the standard on auditing issued by the institute of chartered accountants of India. The institute is registered under section 12A of the Income Tax Act, 1949.

Auditors examine and certify the books of accounts maintained. All government Scholarships and Funds received from the government as Grants are audited separately by the Auditor. As an act of transparency, the audited financial statements are published on the college website and sent to the statutory and regulatory bodies.

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

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

0

File Description	Documents
Annual statements of accounts	[View File]()
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	[View File]()
Any additional information	**No File Uploaded**

6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

The institute implements academic and non-academic reforms within its self-conceived development programs that focus on quality and relevance, excellence, resource mobilisation, and greater institutional autonomy with accountability, research and equity. Another form of receipt is obtained as grants received through faculty projects submitted to the funding agencies through Research proposals. These funds are utilised for research and laboratory development for the benefit of students. The Director prepares the institutional budget in discussion with Trust, Chief Accounts, and FinanceOfficer based on the institute's proposed recurring and nonrecurring expenditures. Accordingly, all the administrative and academic heads are requested to submit the budget required for the subsequent financial year.

Additionally, coordinators of different cells are requested to submit their budgets through the Director. The Institute's Governing body takes all major financial decisions after the finance committee's recommendation. After final approval of the budget, the purchasing department initiates the purchasing process; accordingly, the quotations are called, and after the negotiations, purchase orders are placed. All transaction has transparency through bills and vouchers. The institute's management never compromised on providing high-quality engineering

education at an affordable cost to the students as per the directions of the regulating bodies.

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

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

To continue the quality standards, each practice is systematically checked through a wide range of analyzing audits,surveys and feedback through the IQAC of MIT AoE. Following are the accomplishment in academic and administrative developments in which IQAC placed its impression of quality practice:

Decentralisation of work- Deputy Director, Deans, various committees and cells are formed for smooth functioning

Effective implementation of digital learning during Covid 19 pandemic situation with Ms-Teams & GoToWebinar was used exclusively for online content delivery. In contrast, Aspiring Minds AMCAT platform for online exam conduction.

In the year 2020-21, more than 3000students get benefitted from guidance/coaching for competitive examinations and career counselling offered by institution.More than 400 students were successful in placement. Also, some students went for Higher Studies, and a few start-ups were incubated on campus this year.Based on compliance report submitted, the UG Mechanical Engineering program received an NBA accreditation extension till 30th June 2022, along with UG-Chemical, Computer and ElectronicsEngineering.

Regular participation in NIRF Ranking

The institute has secured Grade B with ranking (26-50) out of 373 institutions in annual ATAL Ranking of Innovation Achievements (ARIIA) 2020.

Implementation of Code of Ethics Policy for Research Publications and Plagiarism to increase publication's quality

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

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

IQAC pledges essential steps to the quality of the teaching-learning process through consistent and constant follow-up arrangements. The institute followed the Choice Based Credit System(CBCS) and implemented the AICTE curriculum model of 160 credits for autonomy curriculum. The institute's faculty designed and developed the individual course curriculum, ensuring many brainwave sessions, including different stakeholders and the current students enduring the program.

- **Education Transformation at MIT AoE: Major Actions:**
- **Faculty Development Programs**
- **Blended Learning and Engagement**
- **Academic Flexibility**
- **Skill Development**
- **Creative and Critical Thinking**
- **Value-Based Education**
- **Summer Internship (SIP) and Semester-long Internship (SLIP)**
- **Student's Academic Experience**
- **Assessment Reforms**
- **Industry Collaboration**
- **Effective use of ICT tools like Moodle, Kahoot, Canvas, etc.**

If Course Outcomes (COs) and Program Outcomes (POs) are not attained, then needed alterations in the teaching-learning approach to the extent the objective levels of attainment are completed.

Attainment of the student learning outcomes was completed, concluded and evaluated COs, POs and Programme Specific Outcomes (PSOs). The IQAC make sure the superiority of the attainment levels of the learning outcome concluded a constant watch of the entire practice through systematic observing of each development at every step.

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

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://mitaoe.ac.in/assets/images/pdf/MIT AoE_Annual_Report_2020-21.PDF
Upload e-copies of accreditations and certification	[View File]()
Upload details of quality assurance initiatives of the institution	[View File]()
Upload any additional information	**No File Uploaded**

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

Internal Complaint Committee (ICC):

The objective of the ICC is to evolve a permanent mechanism for the prevention of and redress of sexual harassment cases and other acts of gender-based violence at the institute.

Expert talk on gender sensitisation:

The institute organised the program on Universal human values, which also focuses on Gender sensitisation and equity during the

F.Y.B.Tech induction program.

Yourdost App:

The institute also arranged the 'Yourdost' app where students can complain at any time, and there are counsellors who attend to those complaints by keeping 100% privacy.

Student council:

The election is held, and equal numbers of seats are reserved for boys and girls students.

The institute every year nominates and elects ladies representatives for each department.

Women's day celebration:

MIT AOE celebrates every year women's day. The objective is to commemorate women's cultural, political, and socio-economic achievements.

Safety and Security:

A CCTV facility is provided in each corridor on the campus. We have one lady guard on campus and at each check post. There is one guard. For lady staff, we do not extend working hours beyond 6.00 pm.

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

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

A. Any 4 or All of the above

File Description	Documents
Geotagged Photographs	[View File](#)
Any other relevant information	No File Uploaded

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

MIT AOE promotes the principle of 3R'S. In our institute, we make full justice to this principle with the help of the Vermi Composting plant,

- **Reduce: Prevention of waste generation. Most importantly, reducing the waste which might contain toxic constituents.**
- **Reuse: During the resource recovery, the maximum fraction of the waste that can be recovered has to be segregated and brought into use.**
- **Recycle: The waste that can be processed to produce any desirable product that can be brought into use has to be segregated.**

MIT AOE has implemented a waste minimisation strategy. By reducing the generation of waste at the source, MIT AOE has successfully achieved the objectives of waste management and recycling. Smart technologies have helped the institute curb financial expenses while setting positive examples for the students and society. For instance, paper and several stationery have been reduced, and the emphasis on online systems and digitisation has helped prudently utilise the resources. Through the ethics of a sustainable campus, MIT AOE has reduced its ecological footprint. Zero Solid Waste Generation has conducted various campaigns in nearby villages.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	[View File](#)
Geotagged photographs of the facilities	[View File](#)
Any other relevant information	No File Uploaded

7.1.4 - Water conservation facilities available **B. Any 3 of the above**
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

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	**No File Uploaded**

7.1.5 - Green campus initiatives include

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

B. Any 3 of the above

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

File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

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

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:

A. Any 4 or all of the above

1. **Green audit**
2. **Energy audit**
3. **Environment audit**
4. **Clean and green campus recognitions/awards**
5. **Beyond the campus environmental promotional activities**

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	View File
Any other relevant information	View File

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.   `C. Any 2 of the above`

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

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

Dance Club:

MIT AOE have a dance club which conducts various programs and workshops for the students. The dance club has a huge menu comprising Indian and other countries' menus, which provides an inclusive environment.

Nakshatra:

MIT AOE organises an annual gathering in March. This gathering provides a platform for students and teachers to showcase their skills and talents.

International level program to bring peace and religious harmony:

The institute organises a program at the International level to bring peace and religious harmony on 2nd October at MITADT Loni under the World peace Dome.

MIT AoE is undertaking various initiatives such as birthdays of Eminent personalities, National Festivals, NSS activities, and Ashadi Kartiki wari. MIT AoE organises Cleanliness Awareness programs every year. During Alandi –Pandharpur Palkhi Wari, students volunteered near the Indrayani river and Dyaneshwar Maharaj Temple. The courses such as Constitution of India, Environmental Science, Science of Nature, and Soft skills are made mandatory for all students across disciplines.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[View File](#)

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

MIT AOE sensitises the students and the employees of the institution to the constitutional obligations about values, rights, duties, and responsibilities of citizens, which enables them to conduct as responsible citizens. India, as a country, includes individuals with different backgrounds, viz., cultural, social, economic, linguistic, and ethnic diversities governed and guided by the Constitution irrespective of caste, religion, race sex.

Rural development:

The institute conducted awareness programs through NSS on the rural development, cleanliness, Swachhta Abhiyaan, Unnat Bharat Abhiyaan,distributing food, books, and clothes are done to various Ashrams around the city.

Ethics:

Ethical Values, rights, duties, and responsibilities of citizens are some of the topics enlisted in Elocution, debates, and class presentation.

A Code of conduct is prepared for students and staff, and everyone should obey the conduct rules. The affiliating University curriculum is framed with mandatory courses like Professional ethics and human values. The Constitution of India is a small step to inculcate constitutional obligations among the students.

A separate NSS unit is started exclusively to encourage the students, and the unit is successfully conducting activities to serve the society for Child education and Literacy program. Blood donation, a Medical camp, Meditation Yoga program was also conducted.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	[View File](#)
Any other relevant information	**No File Uploaded**

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization 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 Annual awareness programmes on the 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 programmes, 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

MIT AOE is committed to promoting ethics and values amongst students and faculty to encourage the same. Our students are on a mission towards a better India by breaking the boundaries of religion and caste. Thoughts of great Indian personalities are sowed into the young minds through these days' exhibitions and programs. The institution practices a pluralist approach towards all religious functions and encourages the students and faculty to showcase the same. Our institute organises the national festivals and birth/death anniversaries of the great Indian personalities. Staff and students get to know the importance of national integrity in the country and their role in it in particular. The institute organises National festivals and Anniversaries for the great Indian Personalities this includes.

1. Teachers day (5th September) As the birthday of a great teacher Dr Sarvapalli Radhakrishnan

2. International Yoga day (21st June)

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

https://mitaoe.ac.in/assets/images/pdf/7_2_Best_Practices_Followed _by_MITAoE.pdf

File Description	Documents
Best practices in the Institutional website	https://mitaoe.ac.in/assets/images/pdf/7_2 _Best_Practices_Followed_by_MITAoE.pdf
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

The Entrepreneurial Development Foundation started in 2018-19, intending to inculcate entrepreneurship and innovation culture with the collaboration of the Wadhwani Foundation.

Major Achievements under Entrepreneurship Cell

- "Recognition as Host Institute (HI) to Set Up/ Establish Business incubator (BI) by Ministry of Micro, Small & Medium Enterprises, Government of India.
- Launched incubation centre. More than 15 incubates work on campus.
- Four Star for successfully achieving the milestone by IIC the
- Winners at NEC IIT Bombay.
- Best Startup Club Award-2018 by Wadhwani Foundation E cell MIT AOE.
- E-Summit 21- A national-level virtual and annual flagship event
- Winner at NEC-2019, Startup Club Award, 'Band B Rank 26-50th' under the Self Finance Private Institute Category, in the ARIIA rankings
- 4-Star performance in the year 2019-20 at IIC
- Institute has been approved by Development CommissionerMSMEas, a Host Institute forBI-MSMEscheme.

- **Funding: Idea Name: "Digital Artificial Insemination Device" has been approved Rs: 12.75 Lakh under the MSME-BI scheme.**
- **Organised more than 55 events so far.**

The institute acts as Startup and Incubation Centre with 19 Start-ups.

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

As an autonomous institute, various progressive steps were taken in framing curriculum structure as per the need and demands of stakeholders, in line with the Mission and Vision to achieve articulated outcomes. The curriculum framework offers credit flexibility and choice of courses to students. Because of the National Education Policy gave more focus to skill courses such as design thinking, prototyping, process optimisation, Data structure and algorithms, Java programming language, Python, AWS cloud services, ASPEN ONE, and Red hat Linux project. Open elective courses are also offered to widen students' choices: Process Engineering, Data Sciences, and Computer-aided Engineering. Students are groomed for overall development through courses such as language and communication, psychology, professional skills, sociology, environmental science, professional communication and liberal learning. The curriculum offers project work at three levels: minor topics and small ideas in the second year, a mini project in the third year and a major project in the final year. Summer internship programmes (SIP) and semester-long internships (SLIP) facilitate on-job training and help to explore industry functioning, teamwork and application-based learning. In the last semester of the final year, students can choose programme courses or opt for SLIP.

File Description	Documents
Upload additional information, if any	[View File](#)
Link for additional information	Nil

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

10

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	[View File](#)
Details of syllabus revision during the year	[View File](#)
Any additional information	**No File Uploaded**

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

334

File Description	Documents
Curriculum / Syllabus of such courses	[View File](#)
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	[View File](#)
MoUs with relevant organizations for these courses, if any	[View File](#)
Any additional information	**No File Uploaded**

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

383

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

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

10

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	[View File](#)
Any additional information	**No File Uploaded**
List of Add on /Certificate programs (Data Template)	[View File](#)

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

To integrate the cross-cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics, College has imbibed different courses in the curriculum. Some enhance professional competencies while others aim to inculcate general competencies like social and ethical values, human values, environment sensitivity etc., thereby leading to the holistic development of students. Sociology speaks about the meaning of Gender Sensitisation, Discrimination, violence and abuse to acquire a sociological understanding and address the issues with appropriate behaviour in society.YourDOST- Emotional Wellness Coach for MIT AOE organises various webinars and personal coaching to all students and faculties to address these issues. The course on environmental Engineering addresses Global Environmental Issues and Sustainable development. Under UBA, five villages are adopted, and projects for environment and sustainability are in progress. NSS unit of 100 students actively participates in various activities to address this issue like tree plantation, Ganesh Idol Collection, Swacch Dindi Nirmal Dindi, etc., skill development and projects each year focus on the professional ethics to technical content and research. We constantly make efforts to improve the students' behavioural and ethical levels through these cross-cutting issues.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

3

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	View File

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

188

File Description	Documents
List of students enrolled	View File
Any additional information	View File

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

911

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni	A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	https://mitaoe.ac.in/assets/images/pdf/1_4_1_Structured_feedback_and_review_of_the_syllabus.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	No File Uploaded

1.4.2 - The feedback system of the Institution comprises the following	A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	https://mitaoe.ac.in/assets/images/pdf/1_4_2_Th_feedback_system_of_the_Institute.pdf
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

633

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

2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.)

as per the reservation policy during the year (exclusive of supernumerary seats)

170

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 students' learning levels and organises special programmes for both slow and advanced learners.

Admission to Engineering is done through Common Admission Programme by the CET Cell, Directorate of Technical Education, Government of Maharashtra, based on students' performance in the HSCBoard examination and the Common Entrance Test conducted by DTE / JEE. As the students from different parts of the country can get admitted, the institute ensures proficiency in the language from the beginning of the semester to facilitate every learner's excel. Based on the feedback received from many recruiters, the students' communication skills need to be improved. There are good job opportunities in countries like Japan and Germany. To address the above issues, we decided to focus on the same. The students with good English communication skills only will be permitted to choose alternate languages (Japanese / German). All the remaining students will be learning English. The course level internal assessment is done using various collaborative learning activities like Jigsaw, Flipped Classroom etc. The student groups are formed in a heterogeneous way to include learners of all different levels and support them in their learning. The student groups are formed using a combination of academically strong, medium and poor students.

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	**Nil**

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
12/01/2022	**2861**	**143**

File Description	Documents
Upload any additional information	<u>View File</u>

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:

Institute has adopted various student-centric methods for enhancing their learning experiences:

Experiential Learning- Project-based learning approach in courses like Prototyping, Engineering Informatics, departmental core courses, Mini, Minor and Major projects improves experiential learning.

Participative learning – teachers conducted various in-class and out-class active learning activities like Flipped classroom, Jig Saw, Roleplay, Think-pair-share, Group discussion, one-minute paper, etc., to enhance students' participation in the teaching-learning process.

Problem-solving methodology – In the various courses from the

first year to the final year, students are given case studies and creative assignments based on real-life problems to enhance their creativity, critical thinking and problem-solving skills. Students are encouraged to participate in National and International level competitions.

Real-world exposure: Industrial visits and invited lectures by industry experts are conducted to provide a practical perspective of the real world of work.

Joyful learning through students' clubs and participation in technical competitions: These clubs help in the intellectual, technical, physical, social, emotional, and ethical development of students in a holistic way. Peer learning and participative learning in a joyful environment happen through these clubs. Along with activities, students get exposure to participating in various national and international competitions.

File Description	Documents
Upload any additional information	View File
Link for additional Information	Nil

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

LMS and online teaching Platforms:

1. LMS - Cloud-Based Moodle Server hosted by eAbays Info Solutions Pvt. Ltd., Banglore - With 1000 Concurrent Students www.moodle.MIT AoE.ac.in

2. Go to Webinar and Go to Meeting Web-based platform to conduct Online Lectures.

3. G. Suite Domain for Education from which Teachers uses the Google Classroom and Google Meet Tool while teaching.

4. ERP System

5. Under the Microsoft Licenses Subscription Scheme Institute has Unlimited Licenses of MS Office 365. MS Teams is used to conduct Online Theory, Practical sessions and assessments.

6. AMCAT Aspiring Mind online Platform for the conduct of examination and tests of placement Activity.

7. VPN Connectivity facility is available to access the lab's shared resources so that students can access the licensed software from the department's lab and perform practicals.

E-content development by teachers

Teachers use lecture recording or screen recorder tools like Screencast-o-Matic, PowerPoint screen recorder etc., to record their lectures. Some of the Teachers are developing their websites.

Teachers record the videos of demonstrations of the practice in the laboratory by performing the experiments. Even virtual labs are created by chemical and computer departments.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	http://moodle.mitaoe.ac.in/login/index.php
Upload any additional information	View File

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

143

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

The following procedure is adopted in drafting the Institute level academic calendar:

- The total no. of instructional days required is

identified.

- Dates of Social gatherings and technical events are decided
- Exam dates are finalised.
- The Start and End of the semester are planned.

A draft copy is discussed with the Director, Deputy. Directors, all School Deans, Other central Deans and Controller of Examination.The head approves the final copy of the Institute level Academic Calendar of the Institution.Every school prepares the School Academic Calendar and mentions the School level activities.

Preparation of Teaching Plan:

- Along with the Academic Calendar, every school also prepares the Time Table.
- Teachers plan their teaching according to the timetable and academic calendar.

Adherence to the Teaching Plan:

The class coordinator checks the teaching plan fortnightly and by School Deans monthly.If found variance, the plan for covering up the curriculum is done by Teachers and verified by School Deans. At the end of the semester, the School Deans verified the teaching plan for timely completion of academic activities.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	[View File](#)

2.4 - Teacher Profile and Quality

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

143

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	[View File](#)
List of the faculty members authenticated by the Head of HEI	[View File](#)
Any additional information	**No File Uploaded**

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

33

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	[View File](#)
Any additional information	[View File](#)

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

1141

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	[View File](#)
Any additional information	**No File Uploaded**

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

15

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	View File

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

834

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	View File

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

The online examination process starts on two aspects simultaneously-one on students' side- with students' semester exam registration. The course wise student summary is generated. An examination time table is prepared.

On the faculty's side, the test is configured on the examination portal . The question paper was checked for appropriateness, time required to solve, and to ensure no content beyond the syllabus. After approval the faculty will upload the same in the examination portal. At the Institute level, the question paper is audited from the OBE perspective.

Proctoring features are implemented to ensure a fair assessment process.

In post examination work: internal assessment marks, open ended marks and practical assessment marks as received from examiners are entered in the system with double check. The online examination marks are also compiled.

Grading is done for respective courses and the result is

generated which is sent to deans of respective schools for verification purpose. After verification, the result is circulated to the students.

Student queries after declaration of result are received through email. The result is finalized after the completion of the query and the ledger of results is circulated to the students. Finally, grade cards are printed and distributed.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	https://employer.aspiringminds.com/

2.6 - Student Performance and Learning Outcomes

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

The NBA specifies the Program Outcomes. Each program, if required, can add 2 to 4 Program Specific Outcomes (PSO) depending upon the domain. Each program outcome is going to be linked to the different course outcomes through the CO - PO articulation matrix, explaining the strength of the relationship as either S (strong), M (Medium) or (Weak) on a scale of 1 to 3, with 3 being the highest representing strong correlation and 1 being the weak correlation. If there is no correlation, it is 0 or N (no). The course outcomes are formulated through the interactions of the course champions with all stakeholders, and they are compiled once approved by the Chairman, Board of Studies (BoS). They are informed to the different stakeholders through different modes. A copy is also available on the website of the institute. The faculty also informs the students during the course discussions, and the parents are informed during the parent meetings. All the Alumni and Industry are communicated by email. The same is also available on the website of the institute under IQAC.

https://MIT AoE.ac.in/assets/images/pdf/2_6_1_Programme_Outcomes_and_Course_Outcomes_for_all_Programmes.pdf

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	[View File](#)
Upload any additional information	No File Uploaded
Link for additional Information	https://mitaoe.ac.in/assets/images/pdf/2_6_1_Programme_Outcomes_and_Course_Outcomes_for_all_Programmes.pdf

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

The attainment of course outcomes will be done using different tools. Initially, the faculty will assess the contribution of the different tools to the course outcomes. Based on the actual performance of the students and the contribution of various tools, we will obtain the CO scores. Now the CO scores will be compared with the target set to assess whether the student had attained that CO or not. Depending on the number of students attaining the CO, the % of attainment will be calculated. Program outcomes are measured through direct and indirect methods. Direct methods combine the Mid Sem Exam, End Sem Exam and the Continuous Assessment activities conducted by the faculty. The indirect methods are the course exit surveys. Alumni feedback, Employer surveys etc. Once the COattainments are calculated, the direct attainment for the POs is done through the CO – PO articulation matrix and the actual % attainment for every CO. Similarly, the attainment of POs through indirect methods will also be calculated. The final PO attainment will combine 80% of direct attainment and 20% of Indirect attainment. The same process will be used for the attainment of PSOs also.

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

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

677

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	https://mitaoe.ac.in/assets/images/pdf/2_6_3-Link-for-Annual-report.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

https://mitaoe.ac.in/assets/images/pdf/2_7_1_Student_Satisfaction_Survey_(2020%20-21).pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

Teaching needs to be appended with research skills to fulfil today's industrial and job-oriented requirements of skills expected in students of Engineering. To achieve this, faculty are prime promoters of research aptitude in students. The expected skills of critical thinking, experimental design, data collection and analysis and application need to be embedded in students through research.

MITAoE has its own R&D manual, Consultancy Policy and Intellectual Property Rights Policy. To appreciate the exemplary performance in research, the Institute has an R&D incentive Scheme. The policies are updated as per the need of time and disseminated to faculties. Institute has a robust Code of Ethics policy for Plagiarism in Research publications that is well in place to deal with cases of plagiarism.

The institute's infrastructure keeps abreast of global standards and excellent research facilities coupled with intellectual freedom, richly add to the perfect ambience for conducting cutting-edge research. To foster research culture and provide an ecosystem, the Institute has high-end equipment, such as CNC grinding machine, UTM, Wind Tunnel to mention a few. Advanced labs such as VLSI Design Centre and Communication labs have been developed through AICTE funds.

Software such as ANSYS, CATIA, Ravit and ASPEN are available for research work.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://mitaoe.ac.in/Research-And-Development-Policies.php
Any additional information	No File Uploaded

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

83637

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	View File
Any additional information	No File Uploaded

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

00

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	No File Uploaded

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

01

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	View File

3.2.2 - Number of teachers having research projects during the year

01

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

04

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

01

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://mitaoe.ac.in/assets/images/pdf/3_2_4_Research__projects_funded_by_Government_and_Non_Government_agencies.pdf
Any additional information	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

The journey of e-Cell and MITAoE Entrepreneurial Development Foundation started in 2018-19 with an objective of inculcating entrepreneurship and innovation culture amongst students and promoting innovation, entrepreneurship and start-up culture at MITAoE campus. We are proud to share the achievements received just within 1.5 years, like Winner at NEC-2019, Start-up Club Award, ARIIA-2019 Ranking (In top 100), Approval as a host institute for setting up Business Incubator under MSME-BI scheme, 4-Star performance at Institute Innovation Council (IIC) an Initiative of MHRD-GOI, etc. Under our entrepreneurship (e-Cell) umbrella, we have organized workshops, competitions, webinars, and seminars on Innovation, IPR and start-up to inspire students for entrepreneurship and start-ups.

Programs such as Practice Venture (PV) and participation in competitions such as the National Entrepreneurship Challenge are a part of the functioning of e-Cell. With the collaboration of the Wadhwani Foundation, we have offered two courses for the BTech program such as Basics of Entrepreneurship and Business Strategies. The MITAoE Entrepreneurial Development Foundation acts as an Incubation Centre within the campus for the student start-ups, currently, 19 start-ups are working at Campus on their ideas and identifying problems. In the latest ARIIA-2020 ranking, we stood in Top-26-50 at the "Band B" list of institutes in India.

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

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

43

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	No File Uploaded

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software	A. All of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	View File

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

00

File Description	Documents
URL to the research page on HEI website	https://mitaoe.ac.in/Research.php
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	**No File Uploaded**

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

19

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	View File

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

94

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://mitaoe.ac.in/assets/images/pdf/3_4_4_Number_of_books_and_chapters_in_edited_volmes_books.pdf

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

86

File Description	Documents
Any additional information	No File Uploaded
Bibliometrics of the publications during the year	[View File](#)

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

2

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	[View File](#)
Any additional information	No File Uploaded

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

9.5909

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	View File
Any additional information	No File Uploaded

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

0

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	View File
List of facilities and staff available for undertaking consultancy	View File
Any additional information	No File Uploaded

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

Institute initiates various extension and outreach activities through the platform of National Service Scheme (NSS), Unnat Bharat Abhiyan, Swach Bharat Abhiyan, Robin Hood Army and Green Club.

The initiatives like rainwater management, cleanliness drive and toilet building creates awareness among the villagers to save the water, keep hygiene to protect the family members from various diseases. Tree plantation drive, Ganesh Visarjan campaign builds environmental sensitivity among the people.

Blood donation camps, different kinds of awareness drives like Government Schemes, digital literacy on the one hand brings the villagers on an equal platform with the urban people and pave the way for active participation of the students in social life. While working in the community, students have to confront many kinds of issues, problems and difficulties. They come out comfort zones and actively deal with real time problems and issues. Focus on academics runs the risk of incomplete growth of the personality of the student. Such outreach programs help in shaping the various dimensions of the personality of the student's like empathy, compassion, resilience and leadership. The larger purpose which is served by such outreach programsis to inculcate the bond of patriotism, national integration, brother hood, communal harmony among students.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://mitaoe.ac.in/nss.php

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

01

File Description	Documents
Number of awards for extension activities in during the year	[View File](#)
e-copy of the award letters	[View File](#)
Any additional information	No File Uploaded

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

01

File Description	Documents
Reports of the events organized	View File
Any additional information	View File

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

332

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

762

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	View File

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

10

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

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 equipments, etc.

The institute provides state-of-the-art infrastructure and physical facilities to fulfil all the criteria of NBA and meet all current teaching-learning requirements.

Classrooms: The Institute has a total of 34 ICT Enabled classrooms. All classrooms are equipped with Physical & Online Teaching facilities for conducting lectures, such as whiteboards, notice boards, LCD projectors, Internet Connection through LAN or Wi-Fi, Microphones, Web Cameras etc.

Laboratory: Institute has 62 well-equipped laboratories with modern facilities to meet the requirements of the curriculum. Advanced software has also been installed in the laboratories' computing systems to meet the course requirements.

The institute also has Tutorial Rooms, Drawing Halls, Seminar Halls, a Counselling Centre and other special infrastructure for student support to meet the requirements of the curriculum.

Computing Equipment

Institute has IT infrastructure has a network of 1091 computers, more than 100 printers, scanners, 14 high-end servers, adequate license software, operating system SW, Microsoft campus license, required hardware, firewall systems etc., to meet the academic and research requirements. The campus is equipped with a 500 Mbps internet leased line for smooth conduct of teaching and laboratory sessions

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	https://mitaoe.ac.in/assets/images/pdf/4_4_2_The_Institution_has_adequate_infrastructure_and_physical_facilities_for_teaching_learning_viz_classrooms_laboratories_computing_equipment_etc.pdf

4.1.2 - The institution has adequate facilities for cultural activities, yoga, sports and games

(indoor and outdoor) including gymnasium, yoga centre, auditorium etc.)

Ample cultural activities and sports facilities are available for the all-round development of the students. In addition to these facilities, there are 24 clubs present in MIT AOE. These clubs are categorised mainly into 5, Technical, Cultural, Recreational, Social and Sports. These clubs are open to all branches of students and nurture interdisciplinary teamwork among students. A well-organised student council is formed yearly, which is a backbone for all events and activities in the college.

Cultural Activities

A student activity hall (approx. 3000 sq. ft.)is made available for cultural events. In the open Amphitheatre(35 x 35 meters), nearly 400 students can participate in various cultural activities. There are5 different Cultural Clubs established which organise dance, singing, drama, music and art and craft activities. The students always participate in national level multi-talent programs also.

Yoga and Meditation

The yoga and meditation club of MIT AOE is active throughout the year. Yoga days, meditation programs, and health awareness programs are always organised by the club.

Sport facilities

The institute has 50 meters * 100 meters sports ground. Ample sports kits are made available for playing various sports. Students are encouraged to participate in national, state, and zonal level tournaments.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	No File Uploaded
Paste link for additional information	https://mitaoe.ac.in/assets/images/pdf/4 1 2 The institution has adequate faciliti es for cultural activities.pdf

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

36

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

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

5.56

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	**No File Uploaded**

4.2 - Library as a Learning Resource

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

The central library system is automated using ILMS software, namely "SLIM 21". Every year library gets an upgrading version (The software is maintained through AMC). SLIM21 is an integrated, multiuser, multitasking library management software developed using VB as the fronted and Posture SQL on Linux like the back end that supports in-house operations of the library

Name of the ILMS: SLIM 21

Version: 3.7

Nature of automation: Automated

Year of automation: 2001

Last up-gradation: January 2021

The institute has the following modules under the software :

Acquisition, Cataloguing, Circulation Serial control, Utility, Statistics, Web-OPAC

Books in the Central Library are barcoded to maintain circulation records and other records. Central Library has developed a digital library consisting of project reports, e-books, a syllabus, an old question bank, and a list of various resources. Integrated these resources with the web-OPAC (SLIM SOFTWARE) through which users can access digital library resources remotely.

Users can access library databases and digital library resources through the internet and the intranet. The Central Library has 10 PCs in Digital Library and Multimedia Section, from where MIT AOEauthorized users can access e-resources and library database. MIT AOE users can access Web-OPAC from anywhere, anytime and from any device.

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

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources | A. Any 4 or more of the above |

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	View File

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

00

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

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

327

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

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

Faculty / Staff and the Students can browse the internet after getting Authenticated through Radius Server and Sonic Firewall. Sonicwall takes care of Internet security with its Advanced GatewaySecurity Suite, including Gateway AV/Anti-Spyware/Intrusion Prevention /App Control/prevention from Intrusion attacks, App Visualization, Content Filtering etc.

WIFI Connectivity is available on campus using the Cisco WIFI Controller Units and Access Points on the Campus. Faculty and the Students have to register their Laptops or the Smart Phones MAC Address to avail the WIFI Browsing facility.

Besides, Firewall Institute also has Symantec Antivirus installed on its systems for additional security. Institute is continuously keeping upgrading its Network Devices and Access Points, WIFI based devices updated to match the recent technology needs.

Budget allocation for IT facilities: Every year institute allocates Department Separate Equipment Budgets to Purchase the

necessary Computer Systems, required Software, Printers and other IT related equipment. Institute Level, all requirements were collected centrally every year and, accordingly, purchased and distributed.

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

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
2861	**941**

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus	**A. ?50 Mbps**

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

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing	**A. All four of the above**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**
List of facilities for e-content development (Data Template)	[View File](#)

4.4 - Maintenance of Campus Infrastructure

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

138.52

File Description	Documents
Audited statements of accounts	[View File](#)
Upload any additional information	**No File Uploaded**

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

MIT AOE is allocated a separate budget for repairs and maintenance of physical, academic and support facilities for the laboratory, library, sports complex, computers, and classrooms. The designated staff meticulously maintain hygiene, cleanliness and infrastructure of the classrooms and laboratories to provide a pleasant learning environment. Fire extinguishers and safety measures are placed at prominent locations. Institute has a standby DG set & UPS for power backup. Exclusive manpower for regular maintenance of ITC infrastructure, books, furniture, fixtures, etc. Institute has a good number of cleaning staff to good cleanliness of its premises. The Central Library does AMC of library software every year. Pest control is also conducted throughout the campus at regular intervals. The team of the System Department takes care of all the technical issues of ICT infrastructures. The up-gradation and maintenance of sports fields and infrastructure are done efficiently through regular monitoring by the Physical Director using the required manpower. The dedicated and qualified staff members are appointed to maintain civil, mechanical and electrical work for the smooth and

efficient functioning of the institute. The institute has a medical doctor and MOU with a nearby hospital for the well-being of staff and students

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://mitaoe.ac.in/assets/images/pdf/4_4_2-There-are-established-systems-and-procedures-for-maintaining-and-utilizing.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

1842

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	[View File](#)
Upload any additional information	[View File](#)

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

1

File Description	Documents
Upload any additional information	[View File](#)
Institutional data in prescribed format	[View File](#)

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene)	**A. All of the above**

Awareness of Trends in Technology

File Description	Documents
Link to Institutional website	https://mitaoe.ac.in/assets/images/pdf/5_1_3_Capacity_Development_and_Skill_Enhancement_activities_are_organised_for_improving_students_capabilities.pdf
Details of capability development and schemes	View File
Any additional information	View File

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

3297

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 adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees	**A. All of the above**

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

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

441

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

5.2.2 - Number of outgoing students progressing to higher education

15

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	View File

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

17

File Description	Documents
Upload supporting data for students/alumni	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 and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year

05

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

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

The student council at MIT AOE is formed to inculcate leadership and team-building qualities among students. The class representatives of all classes are members of the student council.

Class representatives, Student council members are selected by the rules and norms stated by the Government of Maharashtra Gazette part 8, dated11/01/2017.

Thus, Student Council is a group of elected students working together with the dean and student affairs guidance within the framework of a constitution or bylaws to provide a means for student expression and assistance in college affairs and activities. The major objectives of the MIT AOE student council are as follows:

1. To initiate, implement, and complete projects and activities that will help the school, the students, the faculty, the administration, the Board of Trustees, and the community.

2. To develop and provide opportunities for leadership and service in the local school and the community.

The President, Secretary and Ladies representative of the

Student Council is part of the College Development Committee (CDC). They put students' perspectives in the meeting and contribute to the development of the college. President, Ladies Representatives, are part of student welfare and extra-curricular and co-curricular committee. IQAC of college also has student council representation.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://mitaoe.ac.in/assets/images/pdf/Formation_of_IQAC_2022.pdf

5.3.3 - Number of sports and cultural events / competitions organised by the institution

13

File Description	Documents
Report of the event	[View File](#)
List of sports and cultural events / competitions organised per year	[View File](#)
Upload any additional information	**No File Uploaded**

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

The institution has registered for the Alumni association.

Reg No: MAHA / 1106 / 2019 / Pune, Date: 01 / 08 / 2019

Objective of the MIT AoE Alumni Association is to provide alumni with resources, relationships and opportunities that help them make contributions of immediate and enduring value.

Alumni website serves as a powerful communication tool for enhancing the ties between the Alumni, its members and students. Launching the website was the first step of a series of communications between MIT AOE and the extended family of alumni and friends.

Alumni always contribute to the development of students by extending support in terms of providing expert talks, placements and internships supports. Many of the Alumni have supported economically needy students. In this pandemic situation, support of Rs. 58000/- was given to one of the students.

The web portal was developed for Alumni Engagement and as a platform for career opportunities for all connected alumni. They get a chance to know about better opportunities available across the globe. Placement cell of MIT AOE also extends support to alumni for their career opportunities.

Hope the bond of alumni gets strengthened over the period and results in the betterment of the institute.

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

5.4.2 - Alumni's financial contribution during the year	E. <2 Lakhs

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 an effective leadership in tune with the vision and mission of the Institution

VISION

To develop MIT AOE into a new-age learning centre with an excellent ambience for academics and research conjugated with a vibrant environment for honing all its stakeholders' curricular and extra-curricular skills to enable them to solve real-world problems and bring a positive change in the society.

MISSION

To leave no stone unturned in our endeavour to ensure that every alumnus looks back at us and says, MIT AOE has not merely taught me, it has educated me.

MIT AOE's strategic plan is built upon five core values knowledge, Excellence, Integrity, Transparency and Empathy. This is prepared with the involvement of all stakeholders - faculty, staff, industry professionals, alumni etc.

Planning Process

The Institute core committee was formed to prepare strategic plan draft based on inputs taken from internal and external stakeholders. Draft copy of strategic plan has been discussed in detail with all stakeholders, including, Alumni, industry experts, academic experts, BOS, academic council, college development committee, and Governing Body.

Implementation

This plan was discussed in various stakeholder meetings, followed by feedback on major focus areas classified as core focus areas and supporting focus areas.

Core and supporting focus areas are addressed through such inclusive implementation

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

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

The roles and responsibilities of each designation are defined for smooth functioning.

Director is the Head of the Institute in terms of statutory and operational functions. His responsibilities include planning, implementing, and monitoring the strategic plan for continual improvement with the support of all faculty and staff in consultation with Deputy Directors.

Registrar responsibilities include planning, directing, scheduling and coordinating in-service training programs for staff, supervising and evaluating administrative personnel, Service matters, such as appointments, promotions, retirement, disciplinary actions, and sanction of leaves, and ensuring safety and security to all in the college, ensure overall planning of accreditation and ranking, activities related to sections like Estate, Legal, Stores, HR etc.

School Deans' responsibilities include ensuring quality system implementation, courses, projects, portfolios, liaison with COE/SPPU for smooth conduct of exams etc., by positive and dynamic leadership.

COE duties include conducting various examinations, valuation of answer scripts and publication of results and Certificates, coordinating with the parent university to ensure credibility and stability to the examination system, devising and monitoring strategies and implementing useful examination practices at the institute and continuously striving to bring about reforms as and when required in the examination-system.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	https://mitaoe.ac.in/assets/images/pdf/MITAOE-Strategic-Plan-5-years.pdf

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

MIT AOE is a sought-after campus for the major multinational corporations for campus placements.

Activity details

To provide employability-based training through different curricular as well as co-curricular activities. (Communication skills, professional skills and employability skills related to

mandatory courses in the curriculum), conduct major/minor career assessment tests, necessary training and assessment platforms for personality development of the students from the employability perspective, organise various expert sessions, technical series, webinars, seminars, a panel discussion on current trends in technology, to encourage the students for industry-sponsored projects as well as consultancy works, Student Internship Programs (SIP) which are mandatory for all the students, connect the students with various MNCs for Semester Long Internship Programs (SLIP) for providing the

industrial opportunity for them to work as full-time interns during their 8th semester, organise campus recruitment drives for UG and PG students, create opportunities for them to work in the field of their choice with industry leaders, etc.

The institute has established a long-term relationship with many corporates for industry-sponsored projects, and around 500+ industries support the MIT AOE students.

The impact of various employability activities has been observed on overall campus placement

File Description	Documents
Strategic Plan and deployment documents on the website	[View File](#)
Paste link for additional information	Nil
Upload any additional information	[View File](#)

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

MIT AoE is a multi-disciplinary autonomous engineering institute that functions under the aegis of MAEER. The Director is the executive head of the institute. He chairs the position which is the authority on all academic matters. He is also a member secretary of Governing Body and Chairman of the Academic Council. Three Deputy Directors and Deans assist the Director in his executive roles. The Registrar and senior officials in specific areas perform other administrative functions. In addition to academics and research, Deputy Director (Academics and Research) takes care of the library and digital infrastructure related to academics. Deputy Director

(Corporate) takes care of industry-institute interaction, training and placement activities, entrepreneurial activities, overall placement, higher studies, and international collaborations. Deputy Director (Administration) manages overall functions related to accounts, stores & purchases, estate & infrastructure development, student admissions, electrical maintenance, housekeeping, security etc.

In addition to this, several statutory and other committees are placed to administer various activities related to academics, administration, and extension activities. A considerable amount of work of the authorities is organised through these committees. The examination committee monitors the evaluation procedures under the guidance of the Controller of Examination.

File Description	Documents
Paste link to Organogram on the institution webpage	https://mitaoe.ac.in/assets/images/pdf/Org_Chart_15Oct2020.pdf
Upload any additional information	View File
Paste link for additional Information	https://mitaoe.ac.in/assets/images/pdf/Final%20Revised%20HR_Manual_2019-2020_03-9-2019.pdf

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) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	No File Uploaded

6.3 - Faculty Empowerment Strategies

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

avenues for their career development/ progression

The college, in general, takes care of its employees well. There are several welfare measures in place for the teaching and non-teaching staff. The college encourages worthwhile welfare schemes to all the teaching and non-teaching staff to boost the employees' morale and thus make them motivated to work efficiently.

Some of the welfare measures the institute provides to its employees include Promotion and increments based on self-appraisal, certificate of appreciation for academic excellence, the incentive for publication of papers/research articles, supporting faculty members to conduct/organise guest lectures, supporting faculty members to conduct/organise a conference/ Seminar/ workshop/ FDPs.

All the employees are covered under medical insurance facility towards accidental and health insurance per annum. The institution also provides the Employee Provident Fund (EPF) facility for its employees.

In addition, the colleges also provide various leave benefits to all the employees, such as casual leave, special leave, medical leave, maternity leave and Special Casual Leave (SCL) to both teaching and non-teaching staff. The teaching and non-teaching staff is provided with welfare schemes to enrich the employee profile

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://mitaoe.ac.in/assets/images/pdf/Final%20Revised%20HR_Manual_2019-2020_03-9-2019.pdf

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

127

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 programmes organized by the Institution for its teaching and non-teaching staff during the year

14

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	View File

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

143

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	**No File Uploaded**

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Qualified and certified internal and external auditors are appointed to do the audit regularly by the Trust office. The auditors conduct the audit of accounts. They scrutinise and verify all payments, receipts and journal vouchers of the

transactions, cash books, ledger accounts, and all bank accounts.

The institutional accounts are audited twice a year by both Internal and statutory audits. So far, there have been no major objections. When pointed out by the audit team, minor errors are immediately corrected/rectified, and the institute takes precautionary steps to avoid the recurrence of such errors in the future.

Auditor's responsibility is to express an opinion on the financial statement based on their audit. An audit was conducted under the standard on auditing issued by the institute of chartered accountants of India. The institute is registered under section 12A of the Income Tax Act, 1949.

Auditors examine and certify the books of accounts maintained. All government Scholarships and Funds received from the government as Grants are audited separately by the Auditor. As an act of transparency, the audited financial statements are published on the college website and sent to the statutory and regulatory bodies.

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

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

0

File Description	Documents
Annual statements of accounts	View File
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	No File Uploaded

6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

The institute implements academic and non-academic reforms within its self-conceived development programs that focus on quality and relevance, excellence, resource mobilisation, and greater institutional autonomy with accountability, research and equity. Another form of receipt is obtained as grants received through faculty projects submitted to the funding agencies through Research proposals. These funds are utilised for research and laboratory development for the benefit of students. The Director prepares the institutional budget in discussion with Trust, Chief Accounts, and FinanceOfficer based on the institute's proposed recurring and nonrecurring expenditures. Accordingly, all the administrative and academic heads are requested to submit the budget required for the subsequent financial year.

Additionally, coordinators of different cells are requested to submit their budgets through the Director. The Institute's Governing body takes all major financial decisions after the finance committee's recommendation. After final approval of the budget, the purchasing department initiates the purchasing process; accordingly, the quotations are called, and after the negotiations, purchase orders are placed. All transaction has transparency through bills and vouchers. The institute's management never compromised on providing high-quality engineering education at an affordable cost to the students as per the directions of the regulating bodies.

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

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

To continue the quality standards, each practice is systematically checked through a wide range of analyzing audits,surveys and feedback through the IQAC of MIT AoE.

Following are the accomplishment in academic and administrative developments in which IQAC placed its impression of quality practice:

Decentralisation of work- Deputy Director, Deans, various committees and cells are formed for smooth functioning

Effective implementation of digital learning during Covid 19 pandemic situation with Ms-Teams & GoToWebinar was used exclusively for online content delivery. In contrast, Aspiring Minds AMCAT platform for online exam conduction.

In the year 2020-21, more than 3000students get benefitted from guidance/coaching for competitive examinations and career counselling offered by institution.More than 400 students were successful in placement. Also, some students went for Higher Studies, and a few start-ups were incubated on campus this year.Based on compliance report submitted, the UG Mechanical Engineering program received an NBA accreditation extension till 30th June 2022, along with UG-Chemical, Computer and ElectronicsEngineering.

Regular participation in NIRF Ranking

The institute has secured Grade B with ranking (26-50) out of 373 institutions in annual ATAL Ranking of Innovation Achievements (ARIIA) 2020.

Implementation of Code of Ethics Policy for Research Publications and Plagiarism to increase publication's quality

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

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

IQAC pledges essential steps to the quality of the teaching-learning process through consistent and constant follow-up arrangements. The institute followed the Choice Based Credit System(CBCS) and implemented the AICTE curriculum model of 160 credits for autonomy curriculum. The institute's faculty

designed and developed the individual course curriculum, ensuring many brainwave sessions, including different stakeholders and the current students enduring the program.

- Education Transformation at MIT AoE: Major Actions:
- Faculty Development Programs
- Blended Learning and Engagement
- Academic Flexibility
- Skill Development
- Creative and Critical Thinking
- Value-Based Education
- Summer Internship (SIP) and Semester-long Internship (SLIP)
- Student's Academic Experience
- Assessment Reforms
- Industry Collaboration
- Effective use of ICT tools like Moodle, Kahoot, Canvas, etc.

If Course Outcomes (COs) and Program Outcomes (POs) are not attained, then needed alterations in the teaching-learning approach to the extent the objective levels of attainment are completed.

Attainment of the student learning outcomes was completed, concluded and evaluated COs, POs and Programme Specific Outcomes (PSOs). The IQAC make sure the superiority of the attainment levels of the learning outcome concluded a constant watch of the entire practice through systematic observing of each development at every step.

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

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as	A. Any 4 or all of the above

ISO Certification)

File Description	Documents
Paste the web link of annual reports of the Institution	https://mitaoe.ac.in/assets/images/pdf/MITAoE_Annual_Report_2020-21.PDF
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	No File Uploaded

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

Internal Complaint Committee (ICC):

The objective of the ICC is to evolve a permanent mechanism for the prevention of and redress of sexual harassment cases and other acts of gender-based violence at the institute.

Expert talk on gender sensitisation:

The institute organised the program on Universal human values, which also focuses on Gender sensitisation and equity during the F.Y.B.Tech induction program.

Yourdost App:

The institute also arranged the 'Yourdost' app where students can complain at any time, and there are counsellors who attend to those complaints by keeping 100% privacy.

Student council:

The election is held, and equal numbers of seats are reserved for boys and girls students.

The institute every year nominates and elects ladies representatives for each department.

Women's day celebration:

MIT AOE celebrates every year women's day. The objective is to commemorate women's cultural, political, and socio-economic achievements.

Safety and Security:

A CCTV facility is provided in each corridor on the campus. We have one lady guard on campus and at each check post. There is one guard. For lady staff, we do not extend working hours beyond 6.00 pm.

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

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

File Description	Documents
Geotagged Photographs	[View File](#)
Any other relevant information	No File Uploaded

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

MIT AOE promotes the principle of 3R'S. In our institute, we make full justice to this principle with the help of the Vermi Composting plant,

- Reduce: Prevention of waste generation. Most importantly, reducing the waste which might contain toxic constituents.
- Reuse: During the resource recovery, the maximum fraction

- **of the waste that can be recovered has to be segregated and brought into use.**
- **Recycle: The waste that can be processed to produce any desirable product that can be brought into use has to be segregated.**

MIT AOE has implemented a waste minimisation strategy. By reducing the generation of waste at the source, MIT AOE has successfully achieved the objectives of waste management and recycling. Smart technologies have helped the institute curb financial expenses while setting positive examples for the students and society. For instance, paper and several stationery have been reduced, and the emphasis on online systems and digitisation has helped prudently utilise the resources. Through the ethics of a sustainable campus, MIT AOE has reduced its ecological footprint. Zero Solid Waste Generation has conducted various campaigns in nearby villages.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	[View File](#)
Geotagged photographs of the facilities	[View File](#)
Any other relevant information	**No File Uploaded**

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	**B. Any 3 of the above**

File Description	Documents
Geotagged photographs / videos of the facilities	[View File](#)
Any other relevant information	**No File Uploaded**

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:	**B. Any 3 of the above**

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

File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

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

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:

1. **Green audit**
2. **Energy audit**
3. **Environment audit**
4. **Clean and green campus recognitions/awards**
5. **Beyond the campus environmental promotional activities**

A. Any 4 or all of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	View File

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms

C. Any 2 of the above

and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

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

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

Dance Club:

MIT AOE have a dance club which conducts various programs and workshops for the students. The dance club has a huge menu comprising Indian and other countries' menus, which provides an inclusive environment.

Nakshatra:

MIT AOE organises an annual gathering in March. This gathering provides a platform for students and teachers to showcase their skills and talents.

International level program to bring peace and religious harmony:

The institute organises a program at the International level to bring peace and religious harmony on 2nd October at MITADT Loni under the World peace Dome.

MIT AoE is undertaking various initiatives such as birthdays of Eminent personalities, National Festivals, NSS activities, and Ashadi Kartiki wari. MIT AoE organises Cleanliness Awareness programs every year. During Alandi -Pandharpur Palkhi Wari, students volunteered near the Indrayani river and Dyaneshwar Maharaj Temple. The courses such as Constitution of India, Environmental Science, Science of Nature, and Soft skills are made mandatory for all students across disciplines.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[View File](#)

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

MIT AOE sensitises the students and the employees of the institution to the constitutional obligations about values, rights, duties, and responsibilities of citizens, which enables them to conduct as responsible citizens. India, as a country, includes individuals with different backgrounds, viz., cultural, social, economic, linguistic, and ethnic diversities governed and guided by the Constitution irrespective of caste, religion, race sex.

Rural development:

The institute conducted awareness programs through NSS on the rural development, cleanliness, Swachhta Abhiyaan, Unnat Bharat Abhiyaan,distributing food, books, and clothes are done to various Ashrams around the city.

Ethics:

Ethical Values, rights, duties, and responsibilities of citizens are some of the topics enlisted in Elocution, debates, and class presentation.

A Code of conduct is prepared for students and staff, and everyone should obey the conduct rules. The affiliating University curriculum is framed with mandatory courses like Professional ethics and human values. The Constitution of India is a small step to inculcate constitutional obligations among

the students.

A separate NSS unit is started exclusively to encourage the students, and the unit is successfully conducting activities to serve the society for Child education and Literacy program. Blood donation, a Medical camp, Meditation Yoga program was also conducted.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	[View File](#)
Any other relevant information	**No File Uploaded**

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization 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 Annual awareness programmes on the 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 programmes, 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

MIT AOE is committed to promoting ethics and values amongst students and faculty to encourage the same. Our students are on a mission towards a better India by breaking the boundaries of religion and caste. Thoughts of great Indian personalities are sowed into the young minds through these days' exhibitions and programs. The institution practices a pluralist approach towards all religious functions and encourages the students and faculty to showcase the same. Our institute organises the national festivals and birth/death anniversaries of the great Indian personalities. Staff and students get to know the importance of national integrity in the country and their role in it in particular. The institute organises National festivals and Anniversaries for the great Indian Personalities this includes.

1. Teachers day (5th September) As the birthday of a great teacher Dr Sarvapalli Radhakrishnan

2. International Yoga day (21st June)

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

https://mitaoe.ac.in/assets/images/pdf/7_2_Best_Practices_Followed_by_MITAoE.pdf

File Description	Documents
Best practices in the Institutional website	https://mitaoe.ac.in/assets/images/pdf/7_2_Best_Practices_Followed_by_MITAoE.pdf
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

The Entrepreneurial Development Foundation started in 2018-19, intending to inculcate entrepreneurship and innovation culture with the collaboration of the Wadhwani Foundation.

Major Achievements under Entrepreneurship Cell

- "Recognition as Host Institute (HI) to Set Up/ Establish Business incubator (BI) by Ministry of Micro, Small & Medium Enterprises, Government of India.
- Launched incubation centre. More than 15 incubates work on campus.
- Four Star for successfully achieving the milestone by IIC the
- Winners at NEC IIT Bombay.
- Best Startup Club Award-2018 by Wadhwani Foundation E cell MIT AOE.
- E-Summit 21- A national-level virtual and annual flagship event
- Winner at NEC-2019, Startup Club Award, 'Band B Rank 26-50th' under the Self Finance Private Institute Category, in the ARIIA rankings
- 4-Star performance in the year 2019-20 at IIC
- Institute has been approved by Development CommissionerMSMEas, a Host Institute forBI-MSMEscheme.
- Funding: Idea Name: "Digital Artificial Insemination Device" has been approved Rs: 12.75 Lakh under the MSME-BI scheme.
- Organised more than 55 events so far.

The institute acts as Startup and Incubation Centre with 19 Start-ups.

File Description	Documents
Appropriate link in the institutional website	https://edf.mitalandicampus.edu.in/
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

Core Focus Areas

Teaching-Learning Process, Research & Consultancy, Student's Support and Success, Enhanced Student Experience, Enhanced Alumni Engagement, People and Welfare, Social Media Connect, Entrepreneurial and Innovation Ecosystem, Campus and Services, Sustainability

Plan of Action for Next Academic Year

- **Integrating design, technology and business thinking in the curriculum for creative and user-focused innovative solutions to the problem.**
- **Value-based education incorporates universal life skills, professional skills and sustainability.**
- **Support seed amount for faculty and student's research projects and Conferences**
- **Articulate comprehensive Research, Consultancy, IPR policy to foster a culture of Research and Innovation.**
- **Motivate students for the Semester Long Internship Program to apply their knowledge and skills for solving real-time industry problems.**
- **Organize seminars, webinars, and expert talks to discuss current technical trends**
- **Counsel the students to improve their career exposure across the globe**
- **Encourage club activities by providing the best club of the year, outstanding club members, and best club coordinator awards.**
- **Encourage alumni to extend their support in student placement and internship.**
- **To follow the best practices of HR for the motivation and welfare of employees.**

Encourage to adopt and strengthen the National Innovation and Startup Policy for Students and Faculty policy for all institute stakeholders.