



YEARLY STATUS REPORT - 2020-2021

| Part A | |
|--|--|
| Data of the Institution | |
| 1.Name of the Institution | MEERUT INSTITUTE OF ENGINEERING AND TECHNOLOGY |
| • Name of the Head of the institution | Dr. Arun V. Parwate |
| • Designation | Director |
| • Does the institution function from its own campus? | Yes |
| • Phone no./Alternate phone no. | 01212439019 |
| • Mobile no | 9917103999 |
| • Registered e-mail | contact@miet.ac.in |
| • Alternate e-mail | directormiet@miet.ac.in |
| • Address | Meerut Institute of Engineering & Technology, NH-58, Delhi-Roorkee Highway, Baghpat Crossing, Bypass Road, Meerut |
| • City/Town | MEERUT |
| • State/UT | Uttar pradesh |
| • Pin Code | 250005 |
| 2.Institutional status | |
| • Affiliated /Constituent | Affiliated |
| • Type of Institution | Co-education |
| • Location | Urban |

| | | | | | |
|--|---|------|-----------------------|---------------|-------------|
| • Financial Status | Self-financing | | | | |
| • Name of the Affiliating University | Dr. A.P.J. Abdul Kalam Technical University, Lucknow | | | | |
| • Name of the IQAC Coordinator | Mr. Praveen Kumar Chakravarti | | | | |
| • Phone No. | 01212439057 | | | | |
| • Alternate phone No. | 8909311554 | | | | |
| • Mobile | 8218921707 | | | | |
| • IQAC e-mail address | team.iqac@miet.ac.in | | | | |
| • Alternate Email address | praveen.chakravarti@miet.ac.in | | | | |
| 3.Website address (Web link of the AQAR (Previous Academic Year)) | https://miet.ac.in/miet/assets/files/AQAQ%202019-20.pdf | | | | |
| 4.Whether Academic Calendar prepared during the year? | Yes | | | | |
| • if yes, whether it is uploaded in the Institutional website Web link: | https://miet.ac.in/academic-calendar | | | | |
| 5.Accreditation Details | | | | | |
| Cycle | Grade | CGPA | Year of Accreditation | Validity from | Validity to |
| Cycle 1 | B++ | 2.76 | 2018 | 26/09/2018 | 25/09/2023 |
| 6.Date of Establishment of IQAC | | | 30/12/2017 | | |
| 7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc., | | | | | |
| | | | | | |

| Institutional/Department /Faculty | Scheme | Funding Agency | Year of award with duration | Amount |
|---|---|----------------|-----------------------------|----------|
| Dr. Shashwat Pathak | Atal Community Innovation Center (ACIC) | NITI Aayog | 2021 5 Years | 25000000 |
| Dr. Amit Kumar Ahuja, Dr. Swapan Suman | AICTE IDEA Lab | AICTE | 2021 3 Years | 13479000 |
| Praveen Kumar Chakravarti | SPICES | AICTE | 2021 1 Year | 100000 |
| Ms. Vandana Thakur | Scheme Proof of concept (POC) Contest-2019 | AICTE | 2021 1 Year | 450000 |
| Dr. Anil Bhardwaj | STTP under AICTE Quality Improvement Schemes (AQIS) 2019-20 | AICTE | 2020 6 Days | 348192 |
| Dr. Nidhi Tyagi | FDP | AICTE | 2020 1 Year | 93000 |
| Dr. Nitin Sharma | FDP | AKTU | 2020 1 Year | 80000 |
| Prof. Abhilash | FDP | AICTE | 2020 1 Year | 93000 |
| Dr. Vaishali Goel | STTP | AICTE | 2020 1 Year | 228333 |
| 8. Whether composition of IQAC as per latest NAAC guidelines | | | Yes | |
| <ul style="list-style-type: none"> Upload latest notification of formation of IQAC | | | View File | |

| | |
|---|------------------|
| 9.No. of IQAC meetings held during the year | 2 |
| <ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? | Yes |
| <ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report | No File Uploaded |
| 10.Whether IQAC received funding from any of the funding agency to support its activities during the year? | No |
| <ul style="list-style-type: none"> If yes, mention the amount | |
| 11.Significant contributions made by IQAC during the current year (maximum five bullets) | |
| Academic Audit of all departments. | |
| Institute level workshops on outcome based education. | |
| Institute level workshop on NBA/NAAC/NIRF Accreditation process. | |
| Orientation Program for faculty members. | |
| Mentoring and supervision for NBA files of three UG Engineering programs namely Computer Science and Engineering, Electrical Engineering, and Mechanical Engineering. | |
| 12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year | |
| | |

| Plan of Action | Achievements/Outcomes |
|---|---|
| Monitoring of Department wise DQACs with emphasis on agenda points and implementation timeline for achievement of OBE goals | Successfully implemented |
| Signing of MOUs with different industries | 13 MoUs were signed |
| Orientation session for students and faculty | Successfully organized |
| NBA Accreditation of three UG programs | SAR Submitted |
| Faculty research publication | More than 160 Research papers were published by faculty members in reputed Journals / Book Chapters |
| Funding from different organization | A total funding of Rs. 27459758/- was sanctioned by different agencies |
| Faculty participation in FDP/STTP/Seminars/Conferences and Symposia during the year | Various faculty members participated in different FDP/Seminars/Conferences/Symposia organized by various agencies |

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

- Name of the statutory body

| Name | Date of meeting(s) |
|---------------------|--------------------|
| Board of Governance | 19/09/2020 |

| 14. Whether institutional data submitted to AISHE | |
|--|--------------------|
| Year | Date of Submission |
| 2020 | 26/02/2020 |

Extended Profile

| 1.Programme | |
|---|---------------------------|
| 1.1 Number of courses offered by the institution across all programs during the year | 786 |
| File Description | Documents |
| Data Template | View File |
| 2.Student | |
| 2.1 Number of students during the year | 4218 |
| File Description | Documents |
| Institutional Data in Prescribed Format | View File |
| 2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year | 1065 |
| File Description | Documents |
| Data Template | View File |
| 2.3 Number of outgoing/ final year students during the year | 1148 |
| File Description | Documents |
| Data Template | View File |
| 3.Academic | |
| 3.1 Number of full time teachers during the year | 431 |
| File Description | Documents |
| Data Template | View File |
| 3.2 | 356 |

| Number of sanctioned posts during the year | |
|--|---------------------------|
| File Description | Documents |
| Data Template | View File |
| 4.Institution | |
| 4.1 Total number of Classrooms and Seminar halls | 157 |
| 4.2 Total expenditure excluding salary during the year (INR in lakhs) | 569.22 |
| 4.3 Total number of computers on campus for academic purposes | 1880 |

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

The curriculum is the core of the educational process, the learning experience of the students is very much dependent on its prevalence, adequacy, and relevance. Our Institute has always tried to incorporate the mission and vision of the institution into the academic programs in the form of curricular and co-curricular activities.

We have a well-planned academic calendar to deliver the curriculum in an effective and efficient manner.

Different academic monitoring formats (AM-1 to AM-10) have been designed and used to monitor the academic process.

In Session 2020-21, due to the pandemic, virtual classes were held through Google Classroom, and all the classes were taken at the Google Meet platform.

To enhance students understanding and learning process we followed the various method during COVID 19 -

- Handouts/Notes/PPTs are shared with students through Google Classroom of each and every subject of the defined session.
- Video lectures are provided to students for numerical-based subjects and each day video recordings of subjects are shared with the students.
- Laboratory Experiments are taken on Virtual Labs.
- Special classes are arranged to improve the performance of our students in competitive examinations like GATE / GPAT/ CAT / GRE etc.
- To enhance the employability of the students, some value-added courses and Skill Enhancement Trainings are added other than the prescribed curriculum during the semester.
- The gap between academia and Industry is bridged through several seminars/ Guest Lectures/ Workshops/webinars.

| File Description | Documents |
|-------------------------------------|---|
| Upload relevant supporting document | View File |
| Link for Additional information | https://docs.google.com/document/d/1ylBL7L-P2a4QDPTfv118O9MR5eDvIJ-E/edit?usp=sharing&ouid=114900596362864046846&rtpof=true&sd=true |

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

Institute designs academic calendar in line with the University academic calendar, before the start of each semester. All planned curricular and extracurricular activities get mentioned in the calendar with specific dates.

Institute academic calendar has a well-planned structure for the Continuous Internal Evaluation system. Provision of three internal examinations, called sessional Exams (I, II and Pre-university examinations) are mentioned in the academic calendar.

- All the three sessional exams are mandatory for students. Central exam committee ensures that these exams are conducted

as per the dates mentioned in the academic calendar.

- All the internal assessments were taken on Google Classroom through Meet Link Video Conferencing.
- MCQ-based PUT was in an even semester as per AKTU Online Semester Examination.
- Afterward, each internal assessment, the solution of question papers were shared with the students through Google classroom, also the quizzes and assignments were also assessed and evaluated.

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

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year.

Academic council/BoS of Affiliating University
Setting of question papers for UG/PG programs
Design and Development of Curriculum for Add on/ certificate/ Diploma Courses
Assessment /evaluation process of the affiliating University

A. All of the above

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

1.2 - Academic Flexibility

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

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

22

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

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

23

| File Description | Documents |
|---|---------------------------|
| Any additional information | No File Uploaded |
| Brochure or any other document relating to Add on /Certificate programs | No File Uploaded |
| List of Add on /Certificate programs (Data Template) | View File |

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

2512

| File Description | Documents |
|---|---------------------------|
| Any additional information | View File |
| Details of the students enrolled in Subjects related to certificate/Add-on programs | No File Uploaded |

1.3 - Curriculum Enrichment

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

Considering the impact of Environment and Sustainability, Human Values and Professional Ethics, and Gender Equality, our Institute

works from the elemental level.

Gender Equality

- The institute is proud to have Women Cell & Women Entrepreneur Network Nurturing Cell to provide counseling to students, promote gender equity & deal with related issues.
- The campus is secured with CCTV & high security.
- Programs on Women Empowerment, Women Safety and self defence are conducted.

Universal Human Values & Professional Ethics

- Induction Programs related to values and ethics are conducted for students.
- Blood donation camps, Cleanliness drives, Ahimsa-the donation camp & many more.
- Social and cultural activities in adopted villages by NSS.
- Ethical practices such as truthful information, facts, and unprejudiced approach are taught.
- "Universal Human values" for 2nd year "Indian Tradition, Culture and Society" & "Constitution of India, Law and Engineering" for 3rd year & open elective course "Values, Relationship, and Ethical Human Conduct" for 4th year are taught.

Environment and Sustainability

- Environment and Ecology, Environmental Biotechnology, Environmental Engineering, Non-Conventional Energy Resources, Developmental Biology, Pharmaceutical Biotechnology, Hybrid Vehicle Propulsion and Biotechnology in HealthCare are the compulsory courses.
- Institute runs a 450 KWp solar energy set-up & waste effluent treatment system.

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

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

50

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

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

3944

| File Description | Documents |
|---|---------------------------|
| Any additional information | No File Uploaded |
| List of programmes and number of students undertaking project work/field work/ /internships (Data Template) | View File |

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students

A. All of the above

Teachers Employers Alumni

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

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

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

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

TEACHING-LEARNING AND EVALUATION**2.1 - Student Enrollment and Profile****2.1.1 - Enrolment Number Number of students admitted during the year****2.1.1.1 - Number of students admitted during the year**

1306

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

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)**2.1.2.1 - Number of actual students admitted from the reserved categories during the year**

429

| File Description | Documents |
|---|---------------------------|
| Any additional information | No File Uploaded |
| Number of seats filled against seats reserved (Data Template) | View File |

2.2 - Catering to Student Diversity

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

Response:

In the institute, the UG/PG students are admitted from different backgrounds and with varying capabilities. In order to bring them to a common level, the Institute takes following measures,

- Every year the institute organizes orientation and Induction Program for students about course contents, subject teachers, anti-ragging norms, facilities available in hostel, Course Outcomes, Program Outcomes, MOOC/ NPTEL courses.
- The Bridge Course is carried out to bridge the gap between the current understanding of the students and the understanding requirement for pursuing the programme.
- The remedial classes are conducted before internal and external exams to improve the academic performance of the slow learners and students who participate in sports, clubs, societies and other activities.
- For slow learners, coaching classes and customized teaching are arranged. An extra contact hour is also arranged for these students on Saturday. Parents/guardians of the students are also informed about the performance of the students.
- Advanced learners are encouraged and motivated to excel in their academics as well as participate and present papers in various Seminars/ Conferences/Workshops/ Inter Collegiate Competitions, and guide students to pursue higher studies after their graduation.

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

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

| Number of Students | Number of Teachers |
|--------------------|--------------------|
| 4218 | 431 |

| File Description | Documents |
|----------------------------|------------------|
| Any additional information | No File Uploaded |

2.3 - Teaching- Learning Process

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

Response:

• All the courses predominantly follow the lecture method. ICT facilities are used for enhancing the effectiveness. Besides lectures, other student-centric methods are also employed to ensure the active involvement of the students in the teaching-learning process. These includes:

- PowerPoint presentations
- Students' seminars and assignments
- Practical sessions
- Mock Sessions in the class
- Group discussions
- Documentary/film/video shows
- Seminar Presentations based on Research Articles
- Problem-solving sessions
- Laboratory work

- Subject-based quiz program.

Apart from classroom interactions, departments also employ the following methods wherever relevant:

- Industrial visits
- Industrial training and project work
- Attending seminars and workshops
- Industrial Internship
- Latest software and technology-based courses (through NPTEL/MOOCs/Coursera/Udemy etc)
- Aptitude classes
- Code tantra- Coding practice platform
- Incubation and Innovation cell
- Robotics Club
- Different clubs and societies functioning in the institute to organized different technical and non-technical events like Robochamp, Techspardha, Kolahaal, Biotaction etc.
- Departments allow the students to do projects in areas of their interest.
- Students are encouraged to present research papers in other academic institutions.

| File Description | Documents |
|-----------------------------------|---|
| Upload any additional information | View File |
| Link for additional information | https://miet.codetantra.com/login.jsp |

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

Response:

Information and Communications Technology enabled tools are essential for innovative, creative and effective teaching-learning to improve the attention level of the students and for getting the best out of them. The following tools are being used in the Institute for this purpose:

- Different simulation tools being used for this purpose are MATLAB, C/C++, JAVA, SCI Lab, Solid Edge, ORCAD, XILINX etc.
- The smart teaching tools being used are YouTube, Smart classroom, Impartus, Google classroom, Zoom, Virtual lab, NPTEL, MOOCs, Whatsapp etc. With the help of you tube, google class room, Impartus students can access study material from anywhere. And virtual lab provides online lab facility. NPTEL, and MOOCs provides certification course, which gives subject expertises.
- Students are encouraged to attend technical webinars, to gain more knowledge in subjects. E-journals can be accessed in our digital library, which boosts the confidence of the students in publishing and presenting a paper in intra and inter level symposiums, and also in National/International conferences.
- The placement cell is ICT enabled by means of which students can be given placement training programs by the industrial experts. Online exams such as InfyTq, TCS Commune, Code Tantra, Cocubes and AMCAT are conducted which help to equip the students for placements.

| File Description | Documents |
|---|---------------------------|
| Upload any additional information | No File Uploaded |
| Provide link for webpage describing the ICT enabled tools for effective teaching-learning process | View File |

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

2.3.3.1 - Number of mentors

193

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

2.4 - Teacher Profile and Quality

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

431

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

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

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

124

| File Description | Documents |
|--|---------------------------|
| Any additional information | View File |
| List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template) | View File |

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

2.4.3.1 - Total experience of full-time teachers

1416

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

2.5 - Evaluation Process and Reforms

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

Internal assessment is a continuous evaluation process through which the performance of the student is tracked/ monitored regularly through two sessional and one pre-university (PUT) examinations, assignments, seminars, practical's, industrial visits etc.

- The conduct of sessional and PUT examinations has been centralized under an internal Centre superintendent.
- The details of sessional exam are display one week before the exam and information is also send to student's official Email ID.
- During the sessional/PUT, a squad team is formed. The squad will be on rounds, to monitor the exams are conducted smoothly.
- Outcome Based Education Framework:Question papers are set in line with the requirements of Bloom's Taxonomy pyramid. The questions are also mapped with Course Outcomes. Departmental quality assurance committee assures the quality of the question paper.
- The regular assessment of the practical's conducted by the students is taken by the faculty on the same day or next turn.
- For project work (Final year, eighth semester) the performance of students is assessed based on rubrics. A project review committee is formed to evaluate the project progress work regularly.
- For industrial internship/Industrial training the performance of students is assessed based on viva - voce examination.

| File Description | Documents |
|---------------------------------|---|
| Any additional information | View File |
| Link for additional information | https://www.miet.ac.in/academic-calendar |

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

The MIET has a transparent, time-bound mechanism to deal with examination. Its objective is to introduce a fair, impartial and consistent mechanism for redressal of various examination related issues faced by the students/parents.

All the issues related to examination are addressed preferably within two working days of the receipt of written application of the student in the examination grievance cell.

These issues along with their mechanism of redressal are mentioned below:

i) Student could not appear in one/more of the sessional examinations

In this case the student shall approach to the exam cell, if exam cell found the genuineness of the case, The exam cell directs the department to conduct a re-exam for the concerned subject(s).

ii) Student is not satisfied with the obtained marks

After the sessional/PUT answer sheets evaluation, marks are displayed. Answer sheets are shown to the students. if student has any grievance related to evaluated answer sheet, he/she can be discussed with the concern faculty and issue is resolved immediately, if student is not satisfied, he/she can approach the HOD. After satisfaction, students put their signatures on the answer sheets.

iii) Question paper related grievance

if students have any grievance to question paper, he /she informs the room invigilator. The invigilator reports to the examination cell, and the cell will communicate a message to the concerned subject teacher. The subject teacher resolves the question paper

related grievance immediately.

| File Description | Documents |
|---------------------------------|------------------|
| Any additional information | No File Uploaded |
| Link for additional information | Nil |

2.6 - Student Performance and Learning Outcomes

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

Based on the NAAC guidelines, a central quality assurance committee named "Internal Quality Assurance Cell (IQAC)" is constituted by the Director to develop, apply and strengthen the quality benchmarks/parameters of the various academic and administrative activities. Few Senior Professors, Administrative Officers, HODs and Faculty members have been nominated to the IQAC.

IQAC amended the old education policy to implement Outcome Based Education (OBE) in the Institution. The Institute has formulated well defined Vision and Mission statements and in correlation with this, each department formulated its own vision and mission statements which have been approved by IQAC. The department formulates the Programme Educational Objectives (PEOs), Program Specific Outcomes (PSOs) for each programme and Course Outcomes (COs) for all the courses in the curriculum.

The department collects the views from various stakeholders, summarizes and formulates PSOs/COs with the help of the Department Quality Assurance Cell (DQAC) which are analyzed and approved by IQAC for effective implementation. The approved statements are displayed and disseminated through the following modes-

- College website
- Department link of college website
- HOD room
- Faculty rooms

- **Class room notice boards**

- **Laboratories**

| File Description | Documents |
|---|---|
| Upload any additional information | View File |
| Paste link for Additional information | https://www.miet.ac.in/computer-science-engineering |
| Upload COs for all Programmes (exemplars from Glossary) | View File |

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

In Outcome based Education, assessment is done through one or more than one processes, carried out by the institution, that identify, collect, and prepare data to evaluate the achievement of Program educational objectives, program outcomes and course objectives and outcomes.

Assessment Tools: To calculate the attainment of subject matter, following tools are categorized as under:

1. Direct Assessment Method
2. Indirect Assessment Method

Criterion to calculate Attainment:

Weightage

1

Direct Assessment

80%

In Direct Assessment

20%

2

Internal Assessment

30%

External Assessment

70%

Benchmark

3

Internal Benchmark (based on sessional marks)

50%

External Benchmark (based on university marks)

Internal and External Attainment Values

Level 1

Students secure more than 50% marks

Point: 1

Level 2

Students secure more than 60% marks

Point: 2

Level 3

Students secure more than 70% marks

Point: 3

Criterion to Calculate Laboratory Outcome Attainment

Weightage

1

Direct Assessment

70%

InDirect Assessment

30%

Criterion to Calculate Laboratory Outcome Attainment

Weightage

1

Direct Assessment

70%

InDirect Assessment

30%

2

Internal Assessment

30%

External Assessment

70%

Benchmark

3

Internal Benchmark (based on sessional marks)

70%

External Benchmark (based on university marks)

Internal and External Attainment Values

Level 1

Students secure more than 70% marks

Point: 1

Level 2

Students secure more than 80% marks

Point: 2

Level 3

Students secure more than 90% marks

Point: 3

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

2.6.3 - Pass percentage of Students during the year

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

1148

| File Description | Documents |
|--|---------------------------|
| Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template) | View File |
| Upload any additional information | No File Uploaded |
| Paste link for the annual report | Nil |

2.7 - Student Satisfaction Survey

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

<https://miet.ac.in/student-satisfaction-survey>

RESEARCH, INNOVATIONS AND EXTENSION**3.1 - Resource Mobilization for Research****3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)****3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)**

423.31

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

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)**3.1.2.1 - Number of teachers recognized as research guides**

12

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

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

5

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

3.2 - Innovation Ecosystem

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

MIET nurture an innovation Ecosystems to increase the opportunities by

1. Defining the needs.
2. Mapping relationships & accomplishments from previous collaborations with active ecosystem agents.
3. Plan and Prioritize by defining key partners, Targets, Teams, Budget and Estimate returns.
4. Build structure communications to attract students and incubators.

MIET provides an environment through "Innovation Foundation "and "Business Incubator" by providing office space and other computing facilities to budding entrepreneurs. Where creative ideas flourish and a pipeline that helps good ideas merge, Continuous learning, Co-Creation & Collaboration, Encourage diversity of thought, Goal based thinking and Provide opportunity through personal autonomy.

To promote innovation and entrepreneurial culture among students, "Business Incubator" in association with EDC organizes various activities throughout the year.

COEs established in association with industries in various fields of Engineering to implement ideas into reality through prototypes and working models are helpful in upgrading skill capabilities of students and faculty.

Entrepreneurship & Incubation Forum is established to facilitate innovative, flexible & economical solutions to problems. Institute submitted proposals under DS-MSME and organized events under Incubation Cell .

Some other initiatives include

1. Workshops on Entrepreneurship.
2. Industrial Visits.
3. Projects& Internships.
4. Skill Trainings & Enhancements.
5. IOPs

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

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

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

20

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

3.3 - Research Publications and Awards

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

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

17

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

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

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

167

| File Description | Documents |
|--|---------------------------|
| Any additional information | No File Uploaded |
| List of research papers by title, author, department, name and year of publication (Data Template) | View File |

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

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

77

| File Description | Documents |
|---|---------------------------|
| Any additional information | No File Uploaded |
| List books and chapters edited volumes/ books published (Data Template) | View File |

3.4 - Extension Activities

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

MIET organizes a number of extension activities to promote institute neighborhood community to sensitize the students towards community needs through NSS, "Ahimsa" and "Parivarthan" effectively.

NSS organized an awareness drive about COVID-19, Download Arogyasetu, Stay at home - Stay lives pledge, Sanitization and mask distribution, Social distancing & Sanitization through ICT, Awareness on COVID-19 Vaccination Program , Health & Hygiene Program, Cleanliness, Tree Plantation, Social interaction to eradicate superstition, Beti Bacho Beti Padhao, Environmental Awareness, Road Safety, Women Empowerment, Blood Donation Camp, Awareness of AIDS and Digital Transaction.

Departments are conscious about its responsibilities for shaping students through programme like Plastic eradication, No vehicle day and Organizing visits to orphanages.

There are few societies associated with NGOs which conduct different activities

Kalam Center: Aims to promote innovations, governance , social enterprises and improve youth participation at national levels.

Parivartan: Students went to village to spread the importance of education and facilitating young children.

Ahimsa: Make students socially and ethically responsible by organizing activities and distributing the needs to the community.

Human Values and Personal Ethics Center: Organizes workshops to motivate and guide students to be good citizens.

All these activities have developed community relationship, Leadership skill & Self confidence of students.

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

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

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

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

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

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

22

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

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

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

2338

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

3.5 - Collaboration

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

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

17

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

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

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

35

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

Ranked amongst the top colleges in UP, MIET has stood up on the forefront to impart quality education to future technocrats with best possible amenities.

MIET has a wide campus spread in 24 acres of lush green land area. These facilities are in conformity with the requirement specified by

the statutory body, viz. AICTE, and UGC.

Different facilities available in the Institute are:

Classrooms: 130

Classrooms with ICT facilities: 78

Laboratories: 154

Tutorial rooms: 20

Seminar Halls: 07

Auditorium: 4

Computing Systems with LAN/Wi-Fi: 1650

In order to increase students' employability and enhance their skill base, MIET has invested much to establish various centers for Skill Enhancement Trainings. These centers offer trainings in add-on courses/skills beyond the curriculum, as follows:

- ANSYS-(HFSS, ME, CFD)
- Texas Instruments
- Robotics and IoT Lab
- Satellite Lab
- Nanotoxicity Lab (DST Govt. of India)
- Stem Cell, Animal Tissue, Plant Tissue Lab
- Bosch-MIET Joint Certification
- CNC Training Centre
- AWS Academy
- IBM Big Data Analytics, Block-Chain, Security Intelligence
- IATC SIEMENS Automation Training Centre
- SIEMENS PLM Software for CAD, CAM Training

- STADPRO, Primavera Auto CAD Centre
- Professional C, Java & Python
- AI & Machine Learning
- AIMA BIZ Lab
- FESTO Industrial Automation Training (Industry 4.0)
- RPA using UI Path & Blue-prism

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

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

MIET offers good facilities for sports. We have playing areas for various sports activities, both indoor and outdoor. MIET also promotes competition in sports by organizing its annual sports event - 'Endura'. MIET has established a well maintained and modern MIET Club in the year 2016.

Extra and co-curricular Activities:

MIET strives to provide a happening and vibrant atmosphere for the students. A proper window and schedule is provided to conduct these activities.

For extra-curricular and co-curricular activities which need to be conducted indoors are held in the auditorium.

MIET has 4 well furnished auditoriums, each with seating capacity of up to 300.

List of Activities:

Inter College

Kolaahal : Annual Cultural Fest (Dance, Singing, Drama etc)

Glitz : Literary

Endura : Sports

Rangotsav : Art, Craft & Exhibition

Intra College Activities:

- Documentary Making Competition
- Poetry Writing Competition
- Song Composition Competition
- Comic Making Competition
- Photography Competition

Sports Facilities Description:

Sl No.

Description

Details

Area in

Sq. Mt

1

Indoor Games

Billiard

131

Table Tennis

Shooting Range

Carom

Chess

Foosball table

Dart Board

2

Outdoor Games

Cricket Ground

12288

Football Ground

Basketball Court

420

Badminton Court (4 Nos)

94

Volleyball

162

3

Gym

Gym for Men

101.71

Gym for Women

46.62

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

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.**109**

| File Description | Documents |
|---|---------------------------|
| Upload any additional information | No File Uploaded |
| Paste link for additional information | Nil |
| Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template) | View File |

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)**4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)****691.94**

| File Description | Documents |
|---|---------------------------|
| Upload any additional information | No File Uploaded |
| Upload audited utilization statements | No File Uploaded |
| Upload Details of budget allocation, excluding salary during the year (Data Template) | View File |

4.2 - Library as a Learning Resource**4.2.1 - Library is automated using Integrated Library Management System (ILMS)****4.2.1 Library is automated {Integrated Library Management System -ILMS}****Name of the ILMS software****Nature of automation (fully or partially)****Version**

Year of automation

KOHA

Fully

19.11.14.000

2020

4.2.1 Library Services:

Existing

Newly added

Total

No.

Value

No.

Value

No.

Value

Text Books

1,7034

169393

127

1,384

17,161

1,70,777

Reference Books

6421

6421

25

25

6446

6446

e-Books

12490

119717

20

58

12510

119775

Journals

276

1288795

0

5

276

1288800

e-Journals

3

1028428



0

37

3

1028465

Digital Database

2

119417

2

41

2

119458

CD & Video

64801

22468

2

2

64801

22470

Library automation

01

-

01

-



02

02

Weeding (Hard & Soft)

-

-

-

-

-

-

Others (specify)

-

-

-

-

-

-

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

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources A. Any 4 or more of the above

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

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

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

14.29

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

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

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

535

| File Description | Documents |
|---|---------------------------|
| Any additional information | View File |
| Details of library usage by teachers and students | View File |

4.3 - IT Infrastructure

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

The advancement in technology has become the need of the hour. As Internet has revolutionized the globe and spread it's roots in all domains be education, entertainment, sports etc. Majority of the campus area of MIET has WiFi Internet accessibility and otherwise LAN connectivity. Internet access and connectivity is the backbone

of implementation of various IT facilities in the institute. Institute is ready to strengthen its IT facilities to provide modern and digital platform to students and faculty to enhance their learning avenues. Over the years, Intake of students have increased from 210 to nearly 4500 students now. To match this demand there has been regular updating in IT facilities. Bandwidth of the internet is also upgraded according to the increasing use of the internet in various activities of the institute. Configuration of the computer systems are updated every year. Old systems are replaced by the new ones. Number of systems is also increasing every year according to the requirement. A state of the art laboratory of 186 computers have been developed in Bhabha Block to organized placements (or any other such events) related to online tests.

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

4.3.2 - Number of Computers

1880

| File Description | Documents |
|-----------------------------------|---------------------------|
| Upload any additional information | View File |
| List of Computers | No File Uploaded |

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

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

4.4 - Maintenance of Campus Infrastructure

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

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)**694.52**

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

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

1.Laboratory: Generally various laboratories for different disciplines are available within each department. The required apparatus is issued to the student for performing the experiment which he / she return to the laboratory after performing the experiment.

2.Library: Each student after enrolment at MIET is issued a LIBRARY CARD which enables him /her to the get the text books and reference books issued for their studies. Subject wise text books are issued for complete semester duration.

3.Sports: Complex and MIET Club: MIET has full-fledged sports facilities for indoor as well as outdoor games. Snooker, Table Tennis, Chess, Shooting and Carom are available as indoor games whereas Cricket, Football, Volley ball, Basket Ball are available as outdoor games.

4.Computer Facilities: All the departments have sufficient number of computer labs and sufficient peripherals like printers / scanners etc. Each computer terminal is provided with internet connection.

5.Seminar Halls: A number of seminar halls equipped with computer, projector and public address system are available at MIET. Students requiring the seminar halls can approach through their HOD / faculty member to get the seminar hall reserved through the department coordinator where the seminar hall is located.

6.Auditorium: MIET has four well equipped and well maintained auditoriums. Proper allocation of these auditoriums is done through a coordinator at institute level. Faculty members requiring the auditorium for presentation etc. may get the auditorium reserved through the auditorium coordinator.

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

1529

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

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

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

118

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

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

A. All of the above

| File Description | Documents |
|---|---------------------------|
| Link to Institutional website | Nil |
| Any additional information | No File Uploaded |
| Details of capability building and skills enhancement initiatives (Data Template) | View File |

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

6900

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

6900

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

5.1.5 - The Institution has a transparent mechanism for timely redressal of student

A. All of the above

grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

| File Description | Documents |
|--|---------------------------|
| Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee | View File |
| Upload any additional information | No File Uploaded |
| Details of student grievances including sexual harassment and ragging cases | No File Uploaded |

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

762

| File Description | Documents |
|--|---------------------------|
| Self-attested list of students placed | View File |
| Upload any additional information | No File Uploaded |
| Details of student placement during the year (Data Template) | View File |

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

5.2.2.1 - Number of outgoing student progression to higher education

78

| File Description | Documents |
|--|---------------------------|
| Upload supporting data for student/alumni | View File |
| Any additional information | No File Uploaded |
| Details of student progression to higher education | View File |

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

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

24

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

5.3 - Student Participation and Activities

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

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

155

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

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

Sanskriti: This is the cultural committee which undertakes organisation of all the cultural programmes, events, competitions and activities in general.

Odyssey: Odyssey is the committee to organise literary events

Ahimsa: Ahimsa is a committee which, through its varied activities and programs, help students inculcate in them a sense of responsibility towards society and courage to stand against social evils.

Graphite art land (Rangotsav): Graphite art land is an art society which promotes various types of fine & digital art in society.

Abhivyakti: This is the female wing of the college's literary committee.

Mess Committee: Hostel mess is on a cooperative basis and is managed by students.

Various other events organised and managed by students are:

Kolaahal (Cultural Fest)

Endura (Sports Fest)

Rangotsav (Art & Craft Fest)

Glitz (Literary Fest)

MOBICOM, Robochamp, Codezila etc

Departmental Clubs and Societies: In addition to the above, the institute encourages participation of students in different clubs and societies. In fact, many of these societies and clubs are being run mainly by the students themselves. Faculty have been assigned to co-ordinate these as and when required. Different Clubs and societies being run by the students are SEE, MBS, ACES, SHILANAYAS, PS-MIET.

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

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

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

337

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

5.4 - Alumni Engagement

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

MIET Alumni are the brand-ambassadors as well as flag bearers of the institution. Alumni network aims to render a mutually beneficial relationship between the institute and its alumni. The Institution has registered Alumni Association Under the Trust MIET ALUMNI FOUNDATION. The registration number is 220 registered on date 27th

September 2006.

The Trust has the following representatives:

1. One nomination from the management.
2. One nomination from the college among the Directors.
3. One nomination from the college among one of the Head of Departments.
4. One nomination from the college among the Male students.
5. One nomination from college among the Female students.

The alumni network tends to increase alumni engagement in various activities, for example, academic placements, cultural and social activities at the institute and beyond for building strong interaction between alumni and the students. It renders an opportunity to aid and support for the better placement, growth, and development of a student's career. MIET has always emphasized on strengthening the bond with its alumni. Alumni of MIET have contributed to the development of their alma mater with the wealth of knowledge and skills that they have gained through their experience in different domains.

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

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

| File Description | Documents |
|-----------------------------------|------------------|
| Upload any additional information | No File Uploaded |

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

The Governing Body and IQAC comprising of eminent academicians, industrialists and technologists drive the operations of the institution. In tune with the Vision and Mission of the institution, the initiatives are planned.

The perspective plans are prepared by the Director in consultation with Departmental Heads and Functional Heads of Various committees, bodies and cells. The institution ensures quality standards in teaching learning process, evaluation system and other related activities. HODs set up the operational arrangement for their departments with the concurrence of the Dean and Director. The suggestions given by the faculty members, students and other stake holders to HODs are incorporated as minutes and discussed with the Dean and Director. The Director gathers the important issues from all the department HODs and frame the agenda for Governing Body Meeting. Affirmed decisions are circulated among the stakeholders for execution.

Teaching and support staff are deployed to organize conferences, seminars, workshop, orientation Programme, short term training programmes, co-curricular and extra-curricular activities at institute level.

Faculty is assigned different roles in various committees like Grievance Redressal, Sports, Anti-ragging, Cells like Internal Quality Assurance, Anti-Sexual Harassment, Incubation Forum and Placement Cell.

Various Professional student societies are in place at institute level.

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

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

The Institution encourages and motivates the culture of decentralization and participative management. The faculty members involve themselves in administrative roles and manage responsibilities by taking the roles such as Heads of the Departments, Wardens, Faculty in-charges etc.

Case study: Purchase of Laboratory Requirements

The laboratories are upgraded to enhance the students' practical knowledge and to make them compete with the standard of the industry

It is apparent that the process of purchasing the lab requirements is initiated by the Lab Assistant

concerned, in consultation with the Lab Faculty In-charge. Thereby, the Faculty In-charge of the Laboratory consults with the Head of the Department and decides on the specification and the make/model of the various equipment. There is no interference whatsoever from any of the authorities above the Head of the Department. The quotations are received from vendors decided by the department and comparative statements are presented to the Director who discusses it with the Head and then forwards them to the management. Without compromising on quality and standard desired by the departments, the purchase order for the requirement is placed. This shows the participation of all at the appropriate level.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

With the sudden breakout of the COVID 19, the world was taken by surprise. There was lockdown in the city, so the only option available for the smooth conduction of the academics was online. The institute utilized Google Meet and Google Classroom platform for ensuring effective teaching and learning process. Every faculty made the groups of their respective subjects in Google Classroom and delivered lectures through Google Meet. All the subjects' notes and recorded lectures were uploaded on the Classroom. The laboratory practical were recorded and uploaded for the students. Guest lectures from industry experts were held online. Virtual industrial tour was organized for the students. Regular assignments, quizzes, case studies and sessional examinations were also held online. Regular faculty meetings, with Director, Dean and Management persons were held online to ensure their well-being.

The University end semester examinations and practical's were

conducted online, keeping in mind the students concern and problems like network issue etc., the institute made special arrangements, following all the norms and Corona Protocol, so that the students who had faced problems earlier could come to the institute and utilize institute resources.

| File Description | Documents |
|--|---------------------------|
| Strategic Plan and deployment documents on the website | View File |
| Paste link for additional information | Nil |
| Upload any additional information | No File Uploaded |

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

Governing Body (GB): The Composition of GB includes Distinguished Academicians, Industry Representatives, Director and Faculty. The GB is responsible for framing the policies, rules & regulations to be implemented by the institution and strategic planning for development of the institution. The GB approves the budgets proposed by the departments, expenditure for articulating the relationship between the budget and the department's strategic plan. They ratify the decisions taken by the director in consultation with the HODs regarding various requirements.

Director: The Director is responsible for the co-ordination of all the Academic activities, Co-curricular and Extra-curricular activities in accordance with the norms and standards prescribed by AICTE, AKTU and the Government of Uttar Pradesh.

Dean Academics: Develops a vibrant organizational culture by promoting academic excellence, ensuring minimal disparity between the various levels of pedagogy.

Head of the Department: Responsible for all the academic activities, co-curricular and extra-curricular activities of the concerned department.

Placement Director: The placement director is responsible for all the activities related to training and placement.

Librarian: The Librarian maintains the documentations of books, journals, newspapers, magazines & library materials. Librarian

prepares a periodical requirement of Library.

| File Description | Documents |
|---|---------------------------|
| Paste link for additional information | Nil |
| Link to Organogram of the institution webpage | Nil |
| Upload any additional information | View File |

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

A. All of the above

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

6.3 - Faculty Empowerment Strategies

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

Teaching Welfare Measures for Teaching Staff:

1. Privilege Leaves and Medical leaves are given.
2. Travelling allowances and registration fees for attending conferences/workshops/FDPs.
3. On-duty Leave to pursue Ph.D.
4. Providing professional body membership fees
5. Financial support to present research papers in national and international conferences.

6. The institute supports the teaching staff to enhance professional development by permitting study leave to faculty for carrying out research projects.
7. Gratuity
8. Compensatory Off facility
9. Medical facility-Doctor in campus
10. Free ambulance service in case of Emergency
11. Maternity leave
12. Covid testing & vaccination camps.
13. Result incentives on merit basis
14. Research incentives based on journal indexing
15. Term insurance

Welfare Measures for Non-teaching staff:

1. Privilege Leaves and Medical leaves
2. Gratuity scheme
3. Free ambulance service in case of Emergency
4. Two sets of uniform are provided to the fourth class employees
5. Maternity leave
6. EPF & ESI facility
7. Medical facility-Doctor in campus
8. Covid testing & vaccination camps.
9. Term insurance

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

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

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

26

| File Description | Documents |
|---|---------------------------|
| Upload any additional information | No File Uploaded |
| Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template) | View File |

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

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

52

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

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

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

550

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

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

The faculty submits the self- appraisal form to the HoDs with supporting documents. HoDs review the documents and attach the documents related to feedback taken from the students, regarding the effectiveness of the teaching learning methodologies. He analyses the Strength and Weakness of the faculty member on the basis of self-appraisal and students feedback. He submits all documents to the Dean Academics/Director of the institute with his recommendations.

Director of the Institute will assess the documents and submit to the management with his recommendations.

The HoDs and the Director of the Institute convey to the faculty member for further improvements.

These performance reports of the employees are being taken into consideration for extending the benefits like promotions and annual increments.

The head of departments are evaluated on the basis of departmental academic & non-academic achievements, Leadership capability, Coordination ability, Research/Publication/Patent achievements, Work attitude and Support in Managerial activities.

Non-Teaching

In case of appraisal of non-teaching staff, following are the major performance indicators judged by the HODs / Deans / Registrar:

- Job Knowledge & Skills
- Quality/Quantity of Work
- Interpersonal Skills
- Initiative
- Attitude towards co-workers
- Attitude towards students
- Dependability

Based upon the appraisal, the non-teaching staff is also suitably rewarded.

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

6.4 - Financial Management and Resource Mobilization

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

MIET conducts following two audits: Internal Audit and External Audit for each financial year. As per the policy of the institute the internal audit is conducted by Chartered Accountant (CA) Mrs. Swati Gupta (membership no.: 419100).The external audit is conducted annually by M/s VS Gupta Co.

Internal Audits

The purpose of auditing internally is to provide insight into an organization's culture, policies, procedures, and aids board and management oversight by verifying internal controls such as

operating effectiveness, risk mitigation controls, and compliance with any relevant laws or regulations.

Objective and Scope: The target of internal audit is to help the Governing Body and institutional executives in the viable release of their obligations by outfitting them with investigations, examinations, suggestions and appropriate remarks concerning the exercises evaluated.

External Audit: This was directed by a main contracted bookkeepers firm on customary premise. Outside evaluators may demand to examine monetary transactions and review the related issues with the Audit. The Auditor may demand the other outer examiners to talk about above issues with the Committee.

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

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

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

601404

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

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

Funds mobilization from various resources is detailed as below.

Tuition fees

Grants from Government and Non-Government bodies

Institute is getting Grants from various Government Bodies i.e. AICTE, DST, ICSSR, DST-EDI, etc.

Term loan from Banks

Funds from consultancy services

Utilization of resources

- Student Tuition fees are spent on payment of salary of teaching, non-teaching staff, recurring and non-recurring expenses of the Institution.
- Grants received from Government and Non-Government bodies are mainly earmarked for student Skill and Development activities.
- Adequate funds are allocated for effective teaching-learning practices, R&D, trainings, conferences and other co-curricular.
- Budget is utilized to meet day to day Operational, Administrative expenses, Capital, Maintenance of fixed assets, Green initiatives and Energy saving equipment.
- Funds are allotted and utilized every year for augmentation of library facilities.
- Infrastructural development facilities and Building construction works.
- The institute allocates funds for purchase of modern lab equipment's, latest software and others.
- Institute purchases new vehicles as per student strength.
- Funds are allocated for social service activities as part of social responsibilities through Unnat Bharat Abhiyaan.
- During every academic year, funds are allocated for the conduct of sports and cultural activities.

Funds are allocated for MIET Incubation Forum and Women Entrepreneur Nurturing and Networking.

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

6.5 - Internal Quality Assurance System

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

The IQAC was constituted in 2018 for continuing the quality assurance strategies and processes. Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

IQAC has contributed significantly in the following areas:

Response 1 :VALUE ADDED COURSES

Value Added Courses and workshops.

Number of Value Added Courses: 23

Number of students enrolled: 2512

Number of students completing the courses: 1430

Response 2 : Students Publications in Conference /Seminars /Journals

To inculcate the culture of research, innovation and creativity among students, they are motivated to present and publish papers based on the latest trends in technology and survey based projects.

During the academic session 2020-21,137Research Papers were published in ESCI, SCOPUS, WoS and other Indexed Journals & conferences.

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

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

Example 1 Final Year project

Final year projects help students to explore and strengthen the understanding of fundamentals through the practical application of theoretical concepts. In order to bring out more innovative, socially responsible, real time projects the evaluation methods have been revised. The project selection and evaluation process is explained below:

Analyze the current trends: Before selecting the final year project topic, as guided by the mentor, students browse online for the latest technological trends.

EVALUATION REFORMATION

To evaluate the project there is well defined rubrics in every department. The final year projects are evaluated periodically as per defined rubrics.

Example 2 FACULTY TRAININGS

The institute strongly believes that our faculty members play vital role in the teaching-learning process. An educator is not only a transmitter of knowledge but also a facilitator of learning. Thus the institute has made sure that the faculty members undergo a sound professional training for the qualitative improvement of education.

The Main objectives of faculty training includes the following

To assist the student's development of employer-valued skills such as teamwork, communications and attention to detail.

To expose the student to the environment and expectations of performance on the part of the respective subject in professional way.

To Enhance and expand the student's knowledge of a particular area(s) of respective subject.

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

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

A. All of the above

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

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Describe gender equity & sensitization in curricular and co-curricular activities, facilities for women on campus etc.

- **Gender strength: Among members of faculty as well as in students female representation is about forty percent of total strength. There is a good percentage of female members of faculty in administrative positions as Head of the departments, proctorial board, Incubation cell, trainers of skill enhancement training and research etc.**

- **Women cell:** The Women Cell is working to sensitize women staff and students for their safety, health and hygiene. Women cell organizes events addressing gender sensitive issues highlighting legal and social aspects in the Institute as well as in nearby villages. Women Cell of M.I.E.T. has also hosted many events related to Mission Shakti, an initiative by the UP Government.
- **Women Entrepreneurship Nurturing and Networking (WENN):** There is a well formed WENN committee to promote and develop entrepreneurship amongst women on campus as well as outside the campus. Among other activities WENN is also creating awareness regarding Government schemes, aspects of women's health, education, entrepreneurship and skill development among the local community through Institute FM radio (89.6 FM).

Female students are actively participating in various clubs of the Institute (Abhivyakti) as well as in activities related to the National service scheme (NSS) with about 50% representation.

| File Description | Documents |
|--|---|
| Annual gender sensitization action plan | https://docs.google.com/document/d/1YoJHphK3g8ikvcAXpUvgpMFXEf-1QFFx/edit?usp=sharing&ouid=114900596362864046846&rtpof=true&sd=true |
| Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information | https://www.newsup24x7.in/2021/03/blog-post_98.html?m=1 |

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

A. 4 or All of the above

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

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

1. **Solid Waste Management:** Separate bins are kept for bio-degradable and non-biodegradable waste. Pipelines are regularly checked and maintained. Major part of this waste is collected by trucks of Meerut Municipal Corporation in containerized bins.

2. **Liquid Waste Management:** Sewage treatment plant of 135 KLD capacity is operating within M.I.E.T. Effluent generated from STP is used for horticulture purposes.

3. **Biomedical Waste Management:** IAEC approved by CPCSEA works for monitoring of laboratory and sacrificed animals. In laboratories of Microbiology, Biotechnology and Pharmacy; culture media after experiments are first autoclaved before discarding to avoid any possibility of microbial contamination in the environment. Institute IBSC approved by DBT is functional for proper monitoring of laboratory work related to any pathogenic microorganism. Institute has MoU with Synergy Energy Pvt. Ltd.

4. **E-Waste Management:** All the electronic components like computer peripherals, electronic instruments and batteries are regularly maintained and repaired. The institute has a 'Stores Rules and Write Off Policy'.

5. **Hazardous chemicals management:** Hazardous chemicals are kept separately in chemical stores out of reach of students under proper care of store incharge. Practical instructors and lab assistants always share guidelines of usage of any such hazardous or corrosive agents with students.

| File Description | Documents |
|---|---------------------------|
| Relevant documents like agreements / MoUs with Government and other approved agencies | View File |
| Geo tagged photographs of the facilities | 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 |
|---|---------------------------|
| Geo tagged 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: **A. Any 4 or All of the above**

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

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

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

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the **A. Any 4 or all of the above**

**following 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 | No File Uploaded |
| Any other relevant information | No File Uploaded |

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

A. Any 4 or all of the above

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

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

The institution takes cognizance of the background impact of the

diversities in a student's life and practices a pluralist approach towards regional, cultural and other diversities. Institute encourages students and members of faculty to showcase the same in their academic conduct as well as co-curricular activities. In academics- Indian tradition, culture and society (KNC 502/KNC602) is taught by subject matter experts. Students imbibe the essence of our glorious past in their lives. Our students celebrate different festivals with joy and enthusiasm which helps them to implant social and religious harmony. This creates an inclusive environment in the college and society. Student club 'Ahimsa' brings about social consciousness by organizing various events such as skits, rallies, mimes etc. As volunteers of NSS, students visit orphanage, old age homes and leper's home for distribution of medicines, books, eatables etc. Rallies on social issues like 'Beti Padhao Beti Bachao' 'Swachh Bharat Swasth Bharat' creates socio-economic awareness among the students. Blood donation camp is annually organized in our institution in association with P.L. Sharma District Hospital. Taking cognizance of Covid pandemic health checkup and vaccination camps have been organized by the institution repeatedly to ensure health safety in the campus.

https://www.newsup24x7.in/2020/04/blog-post_15.html

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

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

The Institute undertakes different initiatives by organizing various activities to sensitize students and employees to the constitutional obligation: Values, Rights, Duties and Responsibilities of the citizens. Every year Republic day is celebrated on 26th January by organizing events highlighting the importance of the Indian Constitution. Our Independence Day, 15th August is also celebrated with great enthusiasm highlighting the struggle of freedom. Constitution of India, Law and Engineering with course code KNC 501/601 and Indian tradition, culture and society with course code KNC 502/KNC602 is taught by subject matter experts. Universal Human Values and Professional Ethics is a part of curriculum with course code KVE 301/401. The Institute is an approved HVPE Nodal center of

its affiliating university. Institute has received Grant-in-aid under "Scheme for Promoting Interest, Creativity and Ethics among Students". Stress management sessions and yoga sessions are organized in the institution imparting realization of all dimensions of human life: thought, behavior and work. As responsible citizens of the country the students are motivated to take part in various activities of the college. They are motivated to play their part in community services and provide services to mankind and society.

| File Description | Documents |
|--|---|
| Details of activities that inculcate values; necessary to render students in to responsible citizens | https://docs.google.com/document/d/1xqp_osp_wxnPt6_aDt1ZwgG4EuNNH6BL/edit?usp=sharing&ouid=114900596362864046846&rtpof=true&sd=true |
| Any other relevant information | Nil |

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

4. Annual awareness programmes on Code of Conduct are organized

| File Description | Documents |
|--|---------------------------|
| Code of ethics policy document | View File |
| Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims | View File |
| Any other relevant information | View File |

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

The Institute marches on a mission towards better India by

inculcating the value of duty towards the country breaking the boundaries of religion and caste. Thoughts of great Indian personalities are highlighted through various programs conducted. These events not only sow the seed of nationalism and patriotism in students but also inspires them to be self-reliant. Every year our institute organizes the national festivals. Staff and students get to know the importance of national integrity in the country in general and their role in it in particular.

26th January Republic Day - Republic Day is celebrated every year on January 26 to commemorate the adoption of our constitution. Various formal events including flag hoisting are organized on this day. Students and staff members are made aware of their duties towards our nation and rights given to them by our constitution.

15th August Independence Day - It is celebrated every year on August 15, and is a grand event marked with the flag hoisting by Chairman Sir.

The freedom struggle of our National Heroes are remembered by celebration of days as "Prakram Diwas".

International commemorative days and events like Engineer's Day, Vijay Diwas, Teachers' Day, Rashtriya Sankalp Diwas National Nutrition Week, World AIDS day, Cancer Awareness Day etc. are commemorated with online quiz, poster presentation and webinars organised by various department committees and science clubs.

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

7.2 - Best Practices

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

Title of practice: 1. Skill enhancement training to make students industry ready

1. Objective of practice:

Learners are seeking newer and non-conventional career paths and our learning pedagogy must be in synchronization with those aspirations. 'Skill enhancement training' intends to promulgate a way of learning and teaching that is in context with technological advancement. Institute aims to provide a stimulating learning environment wherein wide ranges of learning experiences are offered.

Title of practice: 2. Special Pedagogical Initiatives for Slow Learners

1. Objective of practice:

Supporting the slow learners and encouraging them to develop a thorough understanding of the subject matter and excel eventually.

2. The context:

Every student is unique, so is their aptitude and intellectual ability. Many times, it has been observed that weak students are unable to understand a lesson correctly because of her/ his interest or she/he has failed to grasp the previous lesson. This may be because of students' capability or due to some personal problems or some social background. This may lead to students being non-sincere in classes and not performing up to the mark. In this respect, it becomes important to counsel and support the slow learners so that they can also be at par with the determined standards and perform well with holistic development.

| File Description | Documents |
|---|---|
| Best practices in the Institutional website | https://www.miet.ac.in/institute-best-practices |
| Any other relevant information | https://drive.google.com/file/d/1_8qCx4ktFDFncfCc2BE8u5gEoD6Bd6ZP/view?usp=sharing |

7.3 - Institutional Distinctiveness

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

Innovation and Research Ecosystem: The institute has following objectives to promote innovation and research ecosystem

1. Research in core and interdisciplinary area
2. Undertake grants for FDP, STTP and Workshops
3. Undertake projects and research grants
4. Undertake consultancy
5. Patents

In order to achieve the above following facilities are available in the institute:

1. DST-FIST Centre: It is fully dedicated to work in the field of Stem and Cancer cell culture tissue engineering, translational medicine and translational medical biotechnology.
2. DBT IBSC: The aim of IBSC is to ensure safe use of biohazard and recombinant DNA products in the field of biotechnology R&D activities.
3. Institute Innovation Cell/ M.I.E.T. Incubation Forum: It has been established with an aim to provide a platform and mechanism for the internal and external stakeholders to interact with each other and thus to foster needs/ opportunities based on innovation.
4. ATAL Community Innovation Centre Meerut Foundation: It has been established as per the guidelines received from AIM team NITI Aayog.
5. AICTE IDEA Lab: It is established with a mandate to spread the culture of innovation among students and faculty members. This is funded with a total project cost of Rs. 134 Lakhs.

<http://www.acicmeerut.org/>

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

The curriculum is the core of the educational process, the learning experience of the students is very much dependent on its prevalence, adequacy, and relevance. Our Institute has always tried to incorporate the mission and vision of the institution into the academic programs in the form of curricular and co-curricular activities.

We have a well-planned academic calendar to deliver the curriculum in an effective and efficient manner.

Different academic monitoring formats (AM-1 to AM-10) have been designed and used to monitor the academic process.

In Session 2020-21, due to the pandemic, virtual classes were held through Google Classroom, and all the classes were taken at the Google Meet platform.

To enhance students understanding and learning process we followed the various method during COVID 19 -

- Handouts/Notes/PPTs are shared with students through Google Classroom of each and every subject of the defined session.
- Video lectures are provided to students for numerical-based subjects and each day video recordings of subjects are shared with the students.
- Laboratory Experiments are taken on Virtual Labs.
- Special classes are arranged to improve the performance of our students in competitive examinations like GATE / GPAT / CAT / GRE etc.
- To enhance the employability of the students, some value-added courses and Skill Enhancement Trainings are added other than the prescribed curriculum during the semester.
- The gap between academia and Industry is bridged through

several seminars/ Guest Lectures/ Workshops/webinars.

| File Description | Documents |
|-------------------------------------|---|
| Upload relevant supporting document | View File |
| Link for Additional information | https://docs.google.com/document/d/1ylBL7L-P2a4ODPTfv118O9MR5eDvIJ-E/edit?usp=sharing&oid=114900596362864046846&rtpof=true&sd=true |

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

Institute designs academic calendar in line with the University academic calendar, before the start of each semester. All planned curricular and extracurricular activities get mentioned in the calendar with specific dates.

Institute academic calendar has a well-planned structure for the Continuous Internal Evaluation system. Provision of three internal examinations, called sessional Exams (I, II and Pre-university examinations) are mentioned in the academic calendar.

- All the three sessional exams are mandatory for students. Central exam committee ensures that these exams are conducted as per the dates mentioned in the academic calendar.
- All the internal assessments were taken on Google Classroom through Meet Link Video Conferencing.
- MCQ-based PUT was in an even semester as per AKTU Online Semester Examination.
- Afterward, each internal assessment, the solution of question papers were shared with the students through Google classroom, also the quizzes and assignments were also assessed and evaluated.

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

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

A. All of the above

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

1.2 - Academic Flexibility

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

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

22

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

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

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data

requirement for year: (As per Data Template)**23**

| File Description | Documents |
|---|---------------------------|
| Any additional information | No File Uploaded |
| Brochure or any other document relating to Add on /Certificate programs | No File Uploaded |
| List of Add on /Certificate programs (Data Template) | View File |

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year**2512**

| File Description | Documents |
|---|---------------------------|
| Any additional information | View File |
| Details of the students enrolled in Subjects related to certificate/Add-on programs | No File Uploaded |

1.3 - Curriculum Enrichment

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

Considering the impact of Environment and Sustainability, Human Values and Professional Ethics, and Gender Equality, our Institute works from the elemental level.

Gender Equality

- The institute is proud to have Women Cell & Women Entrepreneur Network Nurturing Cell to provide counseling to students, promote gender equity & deal with related issues.
- The campus is secured with CCTV & high security.
- Programs on Women Empowerment, Women Safety and self defence are conducted.

Universal Human Values & Professional Ethics

- Induction Programs related to values and ethics are conducted for students.
- Blood donation camps, Cleanliness drives, Ahimsa-the donation camp & many more.
- Social and cultural activities in adopted villages by NSS.
- Ethical practices such as truthful information, facts, and unprejudiced approach are taught.
- "Universal Human values" for 2nd year "Indian Tradition, Culture and Society" & "Constitution of India, Law and Engineering" for 3rd year & open elective course "Values, Relationship, and Ethical Human Conduct" for 4th year are taught.

Environment and Sustainability

- Environment and Ecology, Environmental Biotechnology, Environmental Engineering, Non-Conventional Energy Resources, Developmental Biology, Pharmaceutical Biotechnology, Hybrid Vehicle Propulsion and Biotechnology in HealthCare are the compulsory courses.
- Institute runs a 450 KWp solar energy set-up & waste effluent treatment system.

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

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

| 50 | |
|---|----------------------------|
| File Description | Documents |
| Any additional information | View File |
| Programme / Curriculum/ Syllabus of the courses | View File |
| Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses | No File Uploaded |
| MoU's with relevant organizations for these courses, if any | No File Uploaded |
| Institutional Data in Prescribed Format | View File |
| 1.3.3 - Number of students undertaking project work/field work/ internships | |
| 3944 | |
| File Description | Documents |
| Any additional information | No File Uploaded |
| List of programmes and number of students undertaking project work/field work/ /internships (Data Template) | View File |
| 1.4 - Feedback System | |
| 1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni | A. All of the above |

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

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

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

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

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

1306

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

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

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

429

| File Description | Documents |
|---|---------------------------|
| Any additional information | No File Uploaded |
| Number of seats filled against seats reserved (Data Template) | View File |

2.2 - Catering to Student Diversity

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

Response:

In the institute, the UG/PG students are admitted from different backgrounds and with varying capabilities. In order to bring them to a common level, the Institute takes following measures,

- Every year the institute organizes orientation and Induction Program for students about course contents, subject teachers, anti-ragging norms, facilities available in hostel, Course Outcomes, Program Outcomes, MOOC/ NPTEL courses.
- The Bridge Course is carried out to bridge the gap between the current understanding of the students and the understanding requirement for pursuing the programme.
- The remedial classes are conducted before internal and external exams to improve the academic performance of the slow learners and students who participate in sports, clubs, societies and other activities.
- For slow learners, coaching classes and customized teaching are arranged. An extra contact hour is also arranged for these students on Saturday. Parents/guardians of the students are also informed about the performance of the students.
- Advanced learners are encouraged and motivated to excel in their academics as well as participate and present papers in various Seminars/ Conferences/Workshops/ Inter Collegiate Competitions, and guide students to pursue higher studies after their graduation.

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

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

| Number of Students | Number of Teachers |
|--------------------|--------------------|
| 4218 | 431 |

| File Description | Documents |
|----------------------------|------------------|
| Any additional information | No File Uploaded |

2.3 - Teaching- Learning Process

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

Response:

• All the courses predominantly follow the lecture method. ICT facilities are used for enhancing the effectiveness. Besides lectures, other student-centric methods are also employed to ensure the active involvement of the students in the teaching-learning process. These includes:

- PowerPoint presentations
- Students' seminars and assignments
- Practical sessions
- Mock Sessions in the class
- Group discussions
- Documentary/film/video shows
- Seminar Presentations based on Research Articles
- Problem-solving sessions
- Laboratory work

- Subject-based quiz program.

Apart from classroom interactions, departments also employ the following methods wherever relevant:

- Industrial visits
- Industrial training and project work
- Attending seminars and workshops
- Industrial Internship
- Latest software and technology-based courses (through NPTEL/MOOCs/Coursera/Udemy etc)
- Aptitude classes
- Code tantra- Coding practice platform
- Incubation and Innovation cell
- Robotics Club
- Different clubs and societies functioning in the institute to organized different technical and non-technical events like Robochamp, Techspardha, Kolahaal, Biotaction etc.
- Departments allow the students to do projects in areas of their interest.
- Students are encouraged to present research papers in other academic institutions.

| File Description | Documents |
|-----------------------------------|---|
| Upload any additional information | View File |
| Link for additional information | https://miet.codetantra.com/login.jsp |

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

Response:

Information and Communications Technology enabled tools are essential for innovative, creative and effective teaching-learning to improve the attention level of the students and for getting the best out of them. The following tools are being used in the Institute for this purpose:

- Different simulation tools being used for this purpose are MATLAB, C/C++, JAVA, SCI Lab, Solid Edge, ORCAD, XILINX etc.
- The smart teaching tools being used are YouTube, Smart classroom, Impartus, Google classroom, Zoom, Virtual lab, NPTEL, MOOCs, Whatsapp etc. With the help of YouTube, Google classroom, Impartus students can access study material from anywhere. And virtual lab provides online lab facility. NPTEL, and MOOCs provides certification course, which gives subject expertises.
- Students are encouraged to attend technical webinars, to gain more knowledge in subjects. E-journals can be accessed in our digital library, which boosts the confidence of the students in publishing and presenting a paper in intra and inter level symposiums, and also in National/International conferences.
- The placement cell is ICT enabled by means of which students can be given placement training programs by the industrial experts. Online exams such as InfyTq, TCS Commune, Code Tantra, Cocubes and AMCAT are conducted which help to equip the students for placements.

| File Description | Documents |
|---|---------------------------|
| Upload any additional information | No File Uploaded |
| Provide link for webpage describing the ICT enabled tools for effective teaching-learning process | View File |

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

2.3.3.1 - Number of mentors

193

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

2.4 - Teacher Profile and Quality**2.4.1 - Number of full time teachers against sanctioned posts during the year**

431

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

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)**2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year**

124

| File Description | Documents |
|--|---------------------------|
| Any additional information | View File |
| List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template) | View File |

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

2.4.3.1 - Total experience of full-time teachers

1416

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

2.5 - Evaluation Process and Reforms

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

Internal assessment is a continuous evaluation process through which the performance of the student is tracked/ monitored regularly through two sessional and one pre-university (PUT) examinations, assignments, seminars, practical's, industrial visits etc.

- The conduct of sessional and PUT examinations has been centralized under an internal Centre superintendent.
- The details of sessional exam are display one week before the exam and information is also send to student's official Email ID.
- During the sessional/PUT, a squad team is formed. The squad will be on rounds, to monitor the exams are conducted smoothly.
- Outcome Based Education Framework:Question papers are set in line with the requirements of Bloom's Taxonomy pyramid. The questions are also mapped with Course Outcomes. Departmental quality assurance committee assures the quality of the question paper.
- The regular assessment of the practical's conducted by the students is taken by the faculty on the same day or next turn.

- For project work (Final year, eighth semester) the performance of students is assessed based on rubrics. A project review committee is formed to evaluate the project progress work regularly.
- For industrial internship/Industrial training the performance of students is assessed based on viva - voce examination.

| File Description | Documents |
|---------------------------------|---|
| Any additional information | View File |
| Link for additional information | https://www.miet.ac.in/academic-calendar |

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

The MIET has a transparent, time-bound mechanism to deal with examination. Its objective is to introduce a fair, impartial and consistent mechanism for redressal of various examination related issues faced by the students/parents.

All the issues related to examination are addressed preferably within two working days of the receipt of written application of the student in the examination grievance cell.

These issues along with their mechanism of redressal are mentioned below:

i) Student could not appear in one/more of the sessional examinations

In this case the student shall approach to the exam cell, if exam cell found the genuineness of the case, The exam cell directs the department to conduct a re-exam for the concerned subject(s).

ii) Student is not satisfied with the obtained marks

After the sessional/PUT answer sheets evaluation, marks are displayed. Answer sheets are shown to the students. if student has any grievance related to evaluated answer sheet, he/she can be discussed with the concern faculty and issue is resolved immediately, if student is not satisfied, he/she can approach the

HOD. After satisfaction, students put their signatures on the answer sheets.

iii) Question paper related grievance

if students have any grievance to question paper, he /she informs the room invigilator. The invigilator reports to the examination cell, and the cell will communicate a message to the concerned subject teacher. The subject teacher resolves the question paper related grievance immediately.

| File Description | Documents |
|---------------------------------|------------------|
| Any additional information | No File Uploaded |
| Link for additional information | Nil |

2.6 - Student Performance and Learning Outcomes

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

Based on the NAAC guidelines, a central quality assurance committee named "Internal Quality Assurance Cell (IQAC)" is constituted by the Director to develop, apply and strengthen the quality benchmarks/parameters of the various academic and administrative activities. Few Senior Professors, Administrative Officers, HODs and Faculty members have been nominated to the IQAC.

IQAC amended the old education policy to implement Outcome Based Education (OBE) in the Institution. The Institute has formulated well defined Vision and Mission statements and in correlation with this, each department formulated its own vision and mission statements which have been approved by IQAC. The department formulates the Programme Educational Objectives (PEOs), Program Specific Outcomes (PSOs) for each programme and Course Outcomes (COs) for all the courses in the curriculum.

The department collects the views from various stakeholders, summarizes and formulates PSOs/COs with the help of the Department Quality Assurance Cell (DQAC) which are analyzed and approved by IQAC for effective implementation. The approved

statements are displayed and disseminated through the following modes-

- College website
- Department link of college website
- HOD room
- Faculty rooms
- Class room notice boards
- Laboratories

| File Description | Documents |
|---|---|
| Upload any additional information | View File |
| Paste link for Additional information | https://www.miet.ac.in/computer-science-engineering |
| Upload COs for all Programmes (exemplars from Glossary) | View File |

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

In Outcome based Education, assessment is done through one or more than one processes, carried out by the institution, that identify, collect, and prepare data to evaluate the achievement of Program educational objectives, program outcomes and course objectives and outcomes.

Assessment Tools: To calculate the attainment of subject matter, following tools are categorized as under:

1. Direct Assessment Method
2. Indirect Assessment Method

Criterion to calculate Attainment:

Weightage

1

Direct Assessment

80%

In Direct Assessment

20%

2

Internal Assessment

30%

External Assessment

70%

Benchmark

3

Internal Benchmark (based on sessional marks)

50%

External Benchmark (based on university marks)

Internal and External Attainment Values

Level 1

Students secure more than 50% marks

Point: 1

Level 2

Students secure more than 60% marks

Point: 2

Level 3

Students secure more than 70% marks

Point: 3

Criterion to Calculate Laboratory Outcome Attainment

Weightage

1

Direct Assessment

70%

InDirect Assessment

30%

Criterion to Calculate Laboratory Outcome Attainment

Weightage

1

Direct Assessment

70%

InDirect Assessment

30%

2

Internal Assessment

30%

External Assessment

70%

Benchmark

3

Internal Benchmark (based on sessional marks)

70%

External Benchmark (based on university marks)**Internal and External Attainment Values****Level 1**

Students secure more than 70% marks

Point: 1

Level 2

Students secure more than 80% marks

Point: 2

Level 3

Students secure more than 90% marks

Point: 3

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

2.6.3 - Pass percentage of Students during the year**2.6.3.1 - Total number of final year students who passed the university examination during the year**

1148

| File Description | Documents |
|--|---------------------------|
| Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template) | View File |
| Upload any additional information | No File Uploaded |
| Paste link for the annual report | Nil |

2.7 - Student Satisfaction Survey

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

<https://miet.ac.in/student-satisfaction-survey>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

423.31

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

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

3.1.2.1 - Number of teachers recognized as research guides

12

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

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

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

5

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

3.2 - Innovation Ecosystem

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

MIET nurture an innovation Ecosystems to increase the opportunities by

1. Defining the needs.

2. Mapping relationships & accomplishments from previous collaborations with active ecosystem agents.

3. Plan and Prioritize by defining key partners, Targets, Teams, Budget and Estimate returns.

4. Build structure communications to attract students and incubators.

MIET provides an environment through "Innovation Foundation "and "Business Incubator" by providing office space and other computing facilities to budding entrepreneurs. Where creative

ideas flourish and a pipeline that helps good ideas merge, Continuous learning, Co-Creation & Collaboration, Encourage diversity of thought, Goal based thinking and Provide opportunity through personal autonomy.

To promote innovation and entrepreneurial culture among students, "Business Incubator" in association with EDC organizes various activities throughout the year.

COEs established in association with industries in various fields of Engineering to implement ideas into reality through prototypes and working models are helpful in upgrading skill capabilities of students and faculty.

Entrepreneurship & Incubation Forum is established to facilitate innovative, flexible & economical solutions to problems. Institute submitted proposals under DS-MSME and organized events under Incubation Cell .

Some other initiatives include

1. Workshops on Entrepreneurship.
2. Industrial Visits.
3. Projects & Internships.
4. Skill Trainings & Enhancements.
5. IOPs

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

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

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

20

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

3.3 - Research Publications and Awards

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

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

17

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

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

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

167

| File Description | Documents |
|--|---------------------------|
| Any additional information | No File Uploaded |
| List of research papers by title, author, department, name and year of publication (Data Template) | View File |

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

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

| 77 | |
|---|---------------------------|
| File Description | Documents |
| Any additional information | No File Uploaded |
| List books and chapters edited volumes/ books published (Data Template) | View File |

3.4 - Extension Activities

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

MIET organizes a number of extension activities to promote institute neighborhood community to sensitize the students towards community needs through NSS, "Ahimsa" and "Parivarthan" effectively.

NSS organized an awareness drive about COVID-19, Download Arogyasetu, Stay at home - Stay lives pledge, Sanitization and mask distribution, Social distancing & Sanitization through ICT, Awareness on COVID-19 Vaccination Program, Health & Hygiene Program, Cleanliness, Tree Plantation, Social interaction to eradicate superstition, Beti Bacho Beti Padhao, Environmental Awareness, Road Safety, Women Empowerment, Blood Donation Camp, Awareness of AIDS and Digital Transaction.

Departments are conscious about its responsibilities for shaping students through programme like Plastic eradication, No vehicle day and Organizing visits to orphanages.

There are few societies associated with NGOs which conduct different activities

Kalam Center: Aims to promote innovations, governance, social enterprises and improve youth participation at national levels.

Parivartan: Students went to village to spread the importance of education and facilitating young children.

Ahimsa: Make students socially and ethically responsible by organizing activities and distributing the needs to the community.

Human Values and Personal Ethics Center: Organizes workshops to

motivate and guide students to be good citizens.

All these activities have developed community relationship, Leadership skill & Self confidence of students.

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

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

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

6

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

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

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

22

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

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

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

2338

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

3.5 - Collaboration

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

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

17

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

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

35

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

INFRASTRUCTURE AND LEARNING RESOURCES**4.1 - Physical Facilities**

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

Ranked amongst the top colleges in UP, MIET has stood up on the forefront to impart quality education to future technocrats with best possible amenities.

MIET has a wide campus spread in 24 acres of lush green land area. These facilities are in conformity with the requirement specified by the statutory body, viz. AICTE, and UGC.

Different facilities available in the Institute are:

Classrooms: 130

Classrooms with ICT facilities: 78

Laboratories: 154

Tutorial rooms: 20

Seminar Halls: 07

Auditorium: 4

Computing Systems with LAN/Wi-Fi: 1650

In order to increase students' employability and enhance their skill base, MIET has invested much to establish various centers for Skill Enhancement Trainings. These centers offer trainings in add-on courses/skills beyond the curriculum, as follows:

- ANSYS-(HFSS, ME, CFD)
- Texas Instruments
- Robotics and IoT Lab
- Satellite Lab
- Nanotoxicity Lab (DST Govt. of India)
- Stem Cell, Animal Tissue, Plant Tissue Lab
- Bosch-MIET Joint Certification
- CNC Training Centre
- AWS Academy
- IBM Big Data Analytics, Block-Chain, Security Intelligence
- IATC SIEMENS Automation Training Centre
- SIEMENS PLM Software for CAD, CAM Training
- STADPRO, Primavera Auto CAD Centre
- Professional C, Java & Python
- AI & Machine Learning
- AIMA BIZ Lab
- FESTO Industrial Automation Training (Industry 4.0)
- RPA using UI Path & Blue-prism

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

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

MIET offers good facilities for sports. We have playing areas for various sports activities, both indoor and outdoor. MIET also promotes competition in sports by organizing its annual sports event - 'Endura'. MIET has established a well maintained and modern MIET Club in the year 2016.

Extra and co-curricular Activities:

MIET strives to provide a happening and vibrant atmosphere for the students. A proper window and schedule is provided to conduct these activities.

For extra-curricular and co-curricular activities which need to be conducted indoors are held in the auditorium.

MIET has 4 well furnished auditoriums, each with seating capacity of up to 300.

List of Activities:

Inter College

Kolaahal : Annual Cultural Fest (Dance, Singing, Drama etc)

Glitz : Literary

Endura : Sports

Rangotsav : Art, Craft & Exhibition

Intra College Activities:

- Documentary Making Competition
- Poetry Writing Competition

- Song Composition Competition
- Comic Making Competition
- Photography Competition

Sports Facilities Description:

Sl No.

Description

Details

Area in

Sq. Mt

1

Indoor Games

Billiard

131

Table Tennis

Shooting Range

Carom

Chess

Foosball table

Dart Board

2

Outdoor Games

Cricket Ground

12288

Football Ground

Basketball Court

420

Badminton Court (4 Nos)

94

Volleyball

162

3

Gym

Gym for Men

101.71

Gym for Women

46.62

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

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

109

| File Description | Documents |
|---|---------------------------|
| Upload any additional information | No File Uploaded |
| Paste link for additional information | Nil |
| Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template) | View File |

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

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

691.94

| File Description | Documents |
|---|---------------------------|
| Upload any additional information | No File Uploaded |
| Upload audited utilization statements | No File Uploaded |
| Upload Details of budget allocation, excluding salary during the year (Data Template) | View File |

4.2 - Library as a Learning Resource

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

4.2.1 Library is automated {Integrated Library Management System -ILMS}

Name of the ILMS software

Nature of automation (fully or partially)

Version

Year of automation

KOHA

Fully

19.11.14.000

2020

4.2.1 Library Services:

Existing

Newly added

Total

No.

Value

No.

Value

No.

Value

Text Books

1,7034

169393

127

1,384

17,161

1,70,777

Reference Books

6421

6421

25



25

6446

6446

e-Books

12490

119717

20

58

12510

119775

Journals

276

1288795

0

5

276

1288800

e-Journals

3

1028428

0

37

3



1028465

Digital Database

2

119417

2

41

2

119458

CD & Video

64801

22468

2

2

64801

22470

Library automation

01

-

01

-

02

02

Weeding (Hard & Soft)



-

-

-

-

-

-

-

Others (specify)

-

-

-

-

-

-

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

| | |
|--|--------------------------------------|
| 4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources | A. Any 4 or more of the above |
|--|--------------------------------------|

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

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

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

14.29

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

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

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

535

| File Description | Documents |
|---|---------------------------|
| Any additional information | View File |
| Details of library usage by teachers and students | View File |

4.3 - IT Infrastructure

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

The advancement in technology has become the need of the hour. As Internet has revolutionized the globe and spread it's roots in all domains be education, entertainment, sports etc. Majority of the campus area of MIET has WiFi Internet accessibility and otherwise LAN connectivity. Internet access and connectivity is

the backbone of implementation of various IT facilities in the institute. Institute is ready to strengthen its IT facilities to provide modern and digital platform to students and faculty to enhance their learning avenues. Over the years, Intake of students have increased from 210 to nearly 4500 students now. To match this demand there has been regular updating in IT facilities. Bandwidth of the internet is also upgraded according to the increasing use of the internet in various activities of the institute. Configuration of the computer systems are updated every year. Old systems are replaced by the new ones. Number of systems is also increasing every year according to the requirement. A state of the art laboratory of 186 computers have been developed in Bhabha Block to organized placements (or any other such events) related to online tests.

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

4.3.2 - Number of Computers

1880

| File Description | Documents |
|-----------------------------------|---------------------------|
| Upload any additional information | View File |
| List of Computers | No File Uploaded |

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

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

4.4 - Maintenance of Campus Infrastructure

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

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

694.52

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

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

1.Laboratory: Generally various laboratories for different disciplines are available within each department. The required apparatus is issued to the student for performing the experiment which he / she return to the laboratory after performing the experiment.

2.Library: Each student after enrolment at MIET is issued a LIBRARY CARD which enables him /her to the get the text books and reference

books issued for their studies. Subject wise text books are issued for complete semester duration.

3.Sports: Complex and MIET Club: MIET has full-fledged sports facilities for indoor as well as outdoor games. Snooker, Table Tennis, Chess, Shooting and Carom are available as indoor games whereas Cricket, Football, Volley ball, Basket Ball are available as outdoor games.

4.Computer Facilities: All the departments have sufficient number of computer labs and sufficient peripherals like printers / scanners etc. Each computer terminal is provided with internet connection.

5.Seminar Halls: A number of seminar halls equipped with computer, projector and public address system are available at MIET. Students requiring the seminar halls can approach through their HOD / faculty member to get the seminar hall reserved

through the department coordinator where the seminar hall is located.

6.Auditorium: MIET has four well equipped and well maintained auditoriums. Proper allocation of these auditoriums is done through a coordinator at institute level. Faculty members requiring the auditorium for presentation etc. may get the auditorium reserved through the auditorium coordinator.

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

1529

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

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

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

118

| File Description | Documents |
|---|----------------------------|
| Upload any additional information | View File |
| Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template) | View File |
| 5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills | A. All of the above |
| File Description | Documents |
| Link to Institutional website | Nil |
| Any additional information | No File Uploaded |
| Details of capability building and skills enhancement initiatives (Data Template) | View File |
| 5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year | |
| 6900 | |
| 5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year | |
| 6900 | |
| File Description | Documents |
| Any additional information | No File Uploaded |
| Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template) | View File |
| 5.1.5 - The Institution has a transparent mechanism for timely redressal of student | A. All of the above |

grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

| File Description | Documents |
|--|---------------------------|
| Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee | View File |
| Upload any additional information | No File Uploaded |
| Details of student grievances including sexual harassment and ragging cases | No File Uploaded |

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

762

| File Description | Documents |
|--|---------------------------|
| Self-attested list of students placed | View File |
| Upload any additional information | No File Uploaded |
| Details of student placement during the year (Data Template) | View File |

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

5.2.2.1 - Number of outgoing student progression to higher education

78

| File Description | Documents |
|--|---------------------------|
| Upload supporting data for student/alumni | View File |
| Any additional information | No File Uploaded |
| Details of student progression to higher education | View File |

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

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

24

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

5.3 - Student Participation and Activities

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

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

155

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

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

Sanskriti: This is the cultural committee which undertakes organisation of all the cultural programmes, events, competitions and activities in general.

Odyssey: Odyssey is the committee to organise literary events

Ahimsa: Ahimsa is a committee which, through its varied activities and programs, help students inculcate in them a sense of responsibility towards society and courage to stand against social evils.

Graphite art land (Rangotsav): Graphite art land is an art society which promotes various types of fine & digital art in society.

Abhivyakti: This is the female wing of the college's literary committee.

Mess Committee: Hostel mess is on a cooperative basis and is managed by students.

Various other events organised and managed by students are:

Kolaahal (Cultural Fest)

Endura (Sports Fest)

Rangotsav (Art & Craft Fest)

Glitz (Literary Fest)

MOBICOM, Robochamp, Codezila etc

Departmental Clubs and Societies: In addition to the above, the institute encourages participation of students in different clubs and societies. In fact, many of these societies and clubs are being run mainly by the students themselves. Faculty have been assigned to co-ordinate these as and when required. Different Clubs and societies being run by the students are SEE, MBS, ACES, SHILANAYAS, PS-MIET.

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

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

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

337

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

5.4 - Alumni Engagement

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

MIET Alumni are the brand-ambassadors as well as flag bearers of the institution. Alumni network aims to render a mutually beneficial relationship between the institute and its alumni. The Institution has registered Alumni Association Under the Trust MIET ALUMNI FOUNDATION. The registration number is 220 registered

on date 27th September 2006.

The Trust has the following representatives:

1. One nomination from the management.
2. One nomination from the college among the Directors.
3. One nomination from the college among one of the Head of Departments.
4. One nomination from the college among the Male students.
5. One nomination from college among the Female students.

The alumni network tends to increase alumni engagement in various activities, for example, academic placements, cultural and social activities at the institute and beyond for building strong interaction between alumni and the students. It renders an opportunity to aid and support for the better placement, growth, and development of a student's career. MIET has always emphasized on strengthening the bond with its alumni. Alumni of MIET have contributed to the development of their alma mater with the wealth of knowledge and skills that they have gained through their experience in different domains.

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

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

E. <1Lakhs

| File Description | Documents |
|-----------------------------------|------------------|
| Upload any additional information | No File Uploaded |

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

The Governing Body and IQAC comprising of eminent academicians, industrialists and technologists drive the operations of the institution. In tune with the Vision and Mission of the institution, the initiatives are planned.

The perspective plans are prepared by the Director in consultation with Departmental Heads and Functional Heads of Various committees, bodies and cells. The institution ensures quality standards in teaching learning process, evaluation system and other related activities. HODs set up the operational arrangement for their departments with the concurrence of the Dean and Director. The suggestions given by the faculty members, students and other stake holders to HODs are incorporated as minutes and discussed with the Dean and Director. The Director gathers the important issues from all the department HODs and frame the agenda for Governing Body Meeting. Affirmed decisions are circulated among the stakeholders for execution.

Teaching and support staff are deployed to organize conferences, seminars, workshop, orientation Programme, short term training programmes, co-curricular and extra-curricular activities at institute level.

Faculty is assigned different roles in various committees like Grievance Redressal, Sports, Anti-ragging, Cells like Internal Quality Assurance, Anti-Sexual Harassment, Incubation Forum and Placement Cell.

Various Professional student societies are in place at institute level.

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

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

The Institution encourages and motivates the culture of decentralization and participative management. The faculty members involve themselves in administrative roles and manage responsibilities by taking the roles such as Heads of the Departments, Wardens, Faculty in-charges etc.

Case study: Purchase of Laboratory Requirements

The laboratories are upgraded to enhance the students' practical knowledge and to make them compete with the standard of the industry

It is apparent that the process of purchasing the lab requirements is initiated by the Lab Assistant

concerned, in consultation with the Lab Faculty In-charge. Thereby, the Faculty In-charge of the Laboratory consults with the Head of the Department and decides on the specification and the make/model of the various equipment. There is no interference whatsoever from any of the authorities above the Head of the Department. The quotations are received from vendors decided by the department and comparative statements are presented to the Director who discusses it with the Head and then forwards them to the management. Without compromising on quality and standard desired by the departments, the purchase order for the requirement is placed. This shows the participation of all at the appropriate level.

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

6.2 - Strategy Development and Deployment**6.2.1 - The institutional Strategic/ perspective plan is effectively deployed**

With the sudden breakout of the COVID 19, the world was taken by surprise. There was lockdown in the city, so the only option available for the smooth conduction of the academics was online. The institute utilized Google Meet and Google Classroom platform for ensuring effective teaching and learning process. Every faculty made the groups of their respective subjects in Google Classroom and delivered lectures through Google Meet. All the subjects' notes and recorded lectures were uploaded on the Classroom. The laboratory practical were recorded and uploaded for the students. Guest lectures from industry experts were held online. Virtual industrial tour was organized for the students. Regular assignments, quizzes, case studies and sessional examinations were also held online. Regular faculty meetings, with Director, Dean and Management persons were held online to

ensure their well-being.

The University end semester examinations and practical's were conducted online, keeping in mind the students concern and problems like network issue etc., the institute made special arrangements, following all the norms and Corona Protocol, so that the students who had faced problems earlier could come to the institute and utilize institute resources.

| File Description | Documents |
|--|---------------------------|
| Strategic Plan and deployment documents on the website | View File |
| Paste link for additional information | Nil |
| Upload any additional information | No File Uploaded |

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

Governing Body (GB): The Composition of GB includes Distinguished Academicians, Industry Representatives, Director and Faculty. The GB is responsible for framing the policies, rules & regulations to be implemented by the institution and strategic planning for development of the institution. The GB approves the budgets proposed by the departments, expenditure for articulating the relationship between the budget and the department's strategic plan. They ratify the decisions taken by the director in consultation with the HODs regarding various requirements.

Director: The Director is responsible for the co-ordination of all the Academic activities, Co-curricular and Extra-curricular activities in accordance with the norms and standards prescribed by AICTE, AKTU and the Government of Uttar Pradesh.

Dean Academics: Develops a vibrant organizational culture by promoting academic excellence, ensuring minimal disparity between the various levels of pedagogy.

Head of the Department: Responsible for all the academic activities, co-curricular and extra-curricular activities of the concerned department.

Placement Director: The placement director is responsible for all the activities related to training and placement.

Librarian: The Librarian maintains the documentations of books, journals, newspapers, magazines & library materials. Librarian prepares a periodical requirement of Library.

| File Description | Documents |
|---|---------------------------|
| Paste link for additional information | Nil |
| Link to Organogram of the institution webpage | Nil |
| Upload any additional information | View File |

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

A. All of the above

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

6.3 - Faculty Empowerment Strategies

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

Teaching Welfare Measures for Teaching Staff:

1. Privilege Leaves and Medical leaves are given.
2. Travelling allowances and registration fees for attending conferences/workshops/FDPs.
3. On-duty Leave to pursue Ph.D.
4. Providing professional body membership fees
5. Financial support to present research papers in national

and international conferences.

6. The institute supports the teaching staff to enhance professional development by permitting study leave to faculty for carrying out research projects.
7. Gratuity
8. Compensatory Off facility
9. Medical facility-Doctor in campus
10. Free ambulance service in case of Emergency
11. Maternity leave
12. Covid testing & vaccination camps.
13. Result incentives on merit basis
14. Research incentives based on journal indexing
15. Term insurance

Welfare Measures for Non-teaching staff:

1. Privilege Leaves and Medical leaves
2. Gratuity scheme
3. Free ambulance service in case of Emergency
4. Two sets of uniform are provided to the fourth class employees
5. Maternity leave
6. EPF & ESI facility
7. Medical facility-Doctor in campus
8. Covid testing & vaccination camps.
9. Term insurance

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

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

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

26

| File Description | Documents |
|---|---------------------------|
| Upload any additional information | No File Uploaded |
| Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template) | View File |

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

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

52

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

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

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

550

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

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

The faculty submits the self- appraisal form to the HoDs with supporting documents. HoDs review the documents and attach the documents related to feedback taken from the students, regarding the effectiveness of the teaching learning methodologies. He

analyses the Strength and Weakness of the faculty member on the basis of self-appraisal and students feedback. He submits all documents to the Dean Academics/Director of the institute with his recommendations.

Director of the Institute will assess the documents and submit to the management with his recommendations.

The HoDs and the Director of the Institute convey to the faculty member for further improvements.

These performance reports of the employees are being taken into consideration for extending the benefits like promotions and annual increments.

The head of departments are evaluated on the basis of departmental academic & non-academic achievements, Leadership capability, Coordination ability, Research/Publication/Patent achievements, Work attitude and Support in Managerial activities.

Non-Teaching

In case of appraisal of non-teaching staff, following are the major performance indicators judged by the HODs / Deans / Registrar:

- Job Knowledge & Skills
- Quality/Quantity of Work
- Interpersonal Skills
- Initiative
- Attitude towards co-workers
- Attitude towards students
- Dependability

Based upon the appraisal, the non-teaching staff is also suitably rewarded.

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

6.4 - Financial Management and Resource Mobilization

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

MIET conducts following two audits: Internal Audit and External Audit for each financial year. As per the policy of the institute the internal audit is conducted by Chartered Accountant (CA) Mrs. Swati Gupta (membership no.: 419100).The external audit is conducted annually by M/s VS Gupta Co.

Internal Audits

The purpose of auditing internally is to provide insight into an organization's culture, policies, procedures, and aids board and management oversight by verifying internal controls such as operating effectiveness, risk mitigation controls, and compliance with any relevant laws or regulations.

Objective and Scope: The target of internal audit is to help the Governing Body and institutional executives in the viable release of their obligations by outfitting them with investigations, examinations, suggestions and appropriate remarks concerning the exercises evaluated.

External Audit: This was directed by a main contracted bookkeepers firm on customary premise. Outside evaluators may demand to examine monetary transactions and review the related issues with the Audit. The Auditor may demand the other outer examiners to talk about above issues with the Committee.

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

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)**6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)**

601404

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

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

Funds mobilization from various resources is detailed as below.

Tuition fees**Grants from Government and Non-Government bodies**

Institute is getting Grants from various Government Bodies i.e. AICTE, DST, ICSSR, DST-EDI, etc.

Term loan from Banks**Funds from consultancy services****Utilization of resources**

- Student Tuition fees are spent on payment of salary of teaching, non-teaching staff, recurring and non-recurring expenses of the Institution.
- Grants received from Government and Non-Government bodies are mainly earmarked for student Skill and Development activities.
- Adequate funds are allocated for effective teaching-learning practices, R&D, trainings, conferences and other co-curricular.

- Budget is utilized to meet day to day Operational, Administrative expenses, Capital, Maintenance of fixed assets, Green initiatives and Energy saving equipment.
- Funds are allotted and utilized every year for augmentation of library facilities.
- Infrastructural development facilities and Building construction works.
- The institute allocates funds for purchase of modern lab equipment's, latest software and others.
- Institute purchases new vehicles as per student strength.
- Funds are allocated for social service activities as part of social responsibilities through Unnat Bharat Abhiyaan.
- During every academic year, funds are allocated for the conduct of sports and cultural activities.

Funds are allocated for MIET Incubation Forum and Women Entrepreneur Nurturing and Networking.

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

6.5 - Internal Quality Assurance System

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

The IQAC was constituted in 2018 for continuing the quality assurance strategies and processes. Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

IQAC has contributed significantly in the following areas:

Response 1 :VALUE ADDED COURSES

Value Added Courses and workshops.

Number of Value Added Courses: 23

Number of students enrolled: 2512

Number of students completing the courses: 1430

Response 2 : Students Publications in Conference /Seminars /Journals

To inculcate the culture of research, innovation and creativity among students, they are motivated to present and publish papers based on the latest trends in technology and survey based projects.

During the academic session 2020-21,137Research Papers were published in ESCI, SCOPUS, WoS and other Indexed Journals & conferences.

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

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

Example 1 Final Year project

Final year projects help students to explore and strengthen the understanding of fundamentals through the practical application of theoretical concepts. In order to bring out more innovative, socially responsible, real time projects the evaluation methods have been revised. The project selection and evaluation process is explained below:

Analyze the current trends: Before selecting the final year project topic, as guided by the mentor, students browse online for the latest technological trends.

EVALUATION REFORMATION

To evaluate the project there is well defined rubrics in every department. The final year projects are evaluated periodically as

per defined rubrics.

Example 2 FACULTY TRAININGS

The institute strongly believes that our faculty members play vital role in the teaching-learning process. An educator is not only a transmitter of knowledge but also a facilitator of learning. Thus the institute has made sure that the faculty members undergo a sound professional training for the qualitative improvement of education.

The Main objectives of faculty training includes the following

To assist the student's development of employer-valued skills such as teamwork, communications and attention to detail.

To expose the student to the environment and expectations of performance on the part of the respective subject in professional way.

To Enhance and expand the student's knowledge of a particular area(s) of respective subject.

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

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

A. All of the above

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

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Describe gender equity & sensitization in curricular and co-curricular activities, facilities for women on campus etc.

- **Gender strength:** Among members of faculty as well as in students female representation is about forty percent of total strength. There is a good percentage of female members of faculty in administrative positions as Head of the departments, proctorial board, Incubation cell, trainers of skill enhancement training and research etc.
- **Women cell:** The Women Cell is working to sensitize women staff and students for their safety, health and hygiene. Women cell organizes events addressing gender sensitive issues highlighting legal and social aspects in the Institute as well as in nearby villages. Women Cell of M.I.E.T. has also hosted many events related to Mission Shakti, an initiative by the UP Government.
- **Women Entrepreneurship Nurturing and Networking (WENN):** There is a well formed WENN committee to promote and develop entrepreneurship amongst women on campus as well as outside the campus. Among other activities WENN is also creating awareness regarding Government schemes, aspects of women's health, education, entrepreneurship and skill development among the local community through Institute FM radio (89.6 FM).

Female students are actively participating in various clubs of the Institute (Abhivyakti) as well as in activities related to the National service scheme (NSS) with about 50% representation.

| File Description | Documents |
|--|---|
| Annual gender sensitization action plan | https://docs.google.com/document/d/1YoJHphK3g8ikvcAXpUvgpMFXEf-1QFFx/edit?usp=sharing&ouid=114900596362864046846&rtpof=true&sd=true |
| Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information | https://www.newsup24x7.in/2021/03/blog-post_98.html?m=1 |

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

A. 4 or All of the above

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

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

1. Solid Waste Management: Separate bins are kept for bio-degradable and non-biodegradable waste. Pipelines are regularly checked and maintained. Major part of this waste is collected by trucks of Meerut Municipal Corporation in containerized bins.

2. Liquid Waste Management: Sewage treatment plant of 135 KLD capacity is operating within M.I.E.T. Effluent generated from STP is used for horticulture purposes.

3. Biomedical Waste Management: IAEC approved by CPCSEA works for monitoring of laboratory and sacrificed animals. In laboratories of Microbiology, Biotechnology and Pharmacy; culture media after experiments are first autoclaved before discarding to avoid any possibility of microbial contamination in the environment. Institute IBSC approved by DBT is functional for proper monitoring of laboratory work related to any pathogenic microorganism. Institute has MoU with Synergy Energy Pvt. Ltd.

4. E-Waste Management: All the electronic components like computer peripherals, electronic instruments and batteries are regularly maintained and repaired. The institute has a 'Stores Rules and Write Off Policy'.

5. Hazardous chemicals management: Hazardous chemicals are kept separately in chemical stores out of reach of students under proper care of store incharge. Practical instructors and lab assistants always share guidelines of usage of any such hazardous or corrosive agents with students.

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

A. Any 4 or All of the above

| 1.Restricted entry of automobiles 2.Use of bicycles/ Battery-powered vehicles 3.Pedestrian-friendly pathways 4.Ban on use of plastic 5.Landscaping | |
|--|------------------------------|
| File Description | Documents |
| Geo tagged photos / videos of the facilities | View File |
| Various policy documents / decisions circulated for implementation | No File Uploaded |
| Any other relevant documents | No File Uploaded |
| 7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution | |
| 7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities | A. Any 4 or all of the above |
| File Description | Documents |
| Reports on environment and energy audits submitted by the auditing agency | View File |
| Certification by the auditing agency | View File |
| Certificates of the awards received | No File Uploaded |
| Any other relevant information | No File Uploaded |
| 7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment | A. Any 4 or all of the above |

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

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

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

The institution takes cognizance of the background impact of the diversities in a student's life and practices a pluralist approach towards regional, cultural and other diversities. Institute encourages students and members of faculty to showcase the same in their academic conduct as well as co-curricular activities. In academics- Indian tradition, culture and society (KNC 502/KNC602) is taught by subject matter experts. Students imbibe the essence of our glorious past in their lives. Our students celebrate different festivals with joy and enthusiasm which helps them to implant social and religious harmony. This creates an inclusive environment in the college and society. Student club 'Ahimsa' brings about social consciousness by organizing various events such as skits, rallies, mimes etc. As volunteers of NSS, students visit orphanage, old age homes and leper's home for distribution of medicines, books, eatables etc. Rallies on social issues like 'Beti Padhao Beti Bachao' 'Swachh Bharat Swasth Bharat' creates socio-economic awareness among the students. Blood donation camp is annually organized in our institution in association with P.L. Sharma District Hospital. Taking cognizance of Covid pandemic health checkup and vaccination camps have been organized by the institution repeatedly to ensure health safety in the campus.

https://www.newsup24x7.in/2020/04/blog-post_15.html

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

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

The Institute undertakes different initiatives by organizing various activities to sensitize students and employees to the constitutional obligation: Values, Rights, Duties and Responsibilities of the citizens. Every year Republic day is celebrated on 26th January by organizing events highlighting the importance of the Indian Constitution. Our Independence Day, 15th August is also celebrated with great enthusiasm highlighting the struggle of freedom. Constitution of India, Law and Engineering with course code KNC 501/601 and Indian tradition, culture and society with course code KNC 502/KNC602 is taught by subject matter experts. Universal Human Values and Professional Ethics is a part of curriculum with course code KVE 301/401. The Institute is an approved HVPE Nodal center of its affiliating university. Institute has received Grant-in-aid under "Scheme for Promoting Interest, Creativity and Ethics among Students". Stress management sessions and yoga sessions are organized in the institution imparting realization of all dimensions of human life: thought, behavior and work. As responsible citizens of the country the students are motivated to take part in various activities of the college. They are motivated to play their part in community services and provide services to mankind and society.

| File Description | Documents |
|--|---|
| Details of activities that inculcate values; necessary to render students in to responsible citizens | https://docs.google.com/document/d/lxqp_os_p_wxnPt6_aDt1ZwgG4EuNNH6BL/edit?usp=sharing&ouid=114900596362864046846&rtpof=true&sd=true |
| Any other relevant information | Nil |

7.1.10 - The Institution has a prescribed code A. All of the above

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

| File Description | Documents |
|--|---------------------------|
| Code of ethics policy document | View File |
| Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims | View File |
| Any other relevant information | View File |

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

The Institute marches on a mission towards better India by inculcating the value of duty towards the country breaking the boundaries of religion and caste. Thoughts of great Indian personalities are highlighted through various programs conducted. These events not only sow the seed of nationalism and patriotism in students but also inspire them to be self-reliant. Every year our institute organizes the national festivals. Staff and students get to know the importance of national integrity in the country in general and their role in it in particular.

26th January Republic Day - Republic Day is celebrated every year on January 26 to commemorate the adoption of our constitution. Various formal events including flag hoisting are organized on this day. Students and staff members are made aware of their duties towards our nation and rights given to them by our constitution.

15th August Independence Day - It is celebrated every year on August 15, and is a grand event marked with the flag hoisting by

Chairman Sir.

The freedom struggle of our National Heroes are remembered by celebration of days as "Prakram Diwas".

International commemorative days and events like Engineer's Day, Vijay Diwas, Teachers' Day, Rashtriya Sankalp Diwas National Nutrition Week, World AIDS day, Cancer Awareness Day etc. are commemorated with online quiz, poster presentation and webinars organised by various department committees and science clubs.

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

7.2 - Best Practices

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

Title of practice: 1. Skill enhancement training to make students industry ready

1. Objective of practice:

Learners are seeking newer and non-conventional career paths and our learning pedagogy must be in synchronization with those aspirations. 'Skill enhancement training' intends to promulgate a way of learning and teaching that is in context with technological advancement. Institute aims to provide a stimulating learning environment wherein wide ranges of learning experiences are offered.

Title of practice: 2. Special Pedagogical Initiatives for Slow Learners

1. Objective of practice:

Supporting the slow learners and encouraging them to develop a thorough understanding of the subject matter and excel

eventually.

2. The context:

Every student is unique, so is their aptitude and intellectual ability. Many times, it has been observed that weak students are unable to understand a lesson correctly because of her/ his interest or she/he has failed to grasp the previous lesson. This may be because of students' capability or due to some personal problems or some social background. This may lead to students being non-sincere in classes and not performing up to the mark. In this respect, it becomes important to counsel and support the slow learners so that they can also be at par with the determined standards and perform well with holistic development.

| File Description | Documents |
|---|---|
| Best practices in the Institutional website | https://www.miet.ac.in/institute-best-practices |
| Any other relevant information | https://drive.google.com/file/d/1_8qCx4ktFDfncfCc2BE8u5gEoD6Bd6ZP/view?usp=sharing |

7.3 - Institutional Distinctiveness

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

Innovation and Research Ecosystem: The institute has following objectives to promote innovation and research ecosystem

1. Research in core and interdisciplinary area
2. Undertake grants for FDP, STTP and Workshops
3. Undertake projects and research grants
4. Undertake consultancy
5. Patents

In order to achieve the above following facilities are available in the institute:

1. DST-FIST Centre: It is fully dedicated to work in the field of Stem and Cancer cell culture tissue engineering, translational medicine and translational medical biotechnology.

2. DBT IBSC: The aim of IBSC is to ensure safe use of biohazard and recombinant DNA products in the field of biotechnology R&D activities.

3. Institute Innovation Cell/ M.I.E.T. Incubation Forum: It has been established with an aim to provide a platform and mechanism for the internal and external stakeholders to interact with each other and thus to foster needs/ opportunities based on innovation.

4. ATAL Community Innovation Centre Meerut Foundation: It has been established as per the guidelines received from AIM team NITI Aayog.

5. AICTE IDEA Lab: It is established with a mandate to spread the culture of innovation among students and faculty members. This is funded with a total project cost of Rs. 134 Lakhs.

<http://www.acicmeerut.org/>

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

7.3.2 - Plan of action for the next academic year

Institute intends to achieve positive learning outcomes, including increased creativity and innovation, critical thinking, problem-solving abilities, teamwork, communication skills, increase in social and moral awareness, etc. Research is a point of focus with an improved and enhanced holistic and multidisciplinary education approach. In addition to the above, the Institution aims to take into cognizance the global paradigms in order to determine larger trends that will affect the institution's research, teaching activities and brand equity as a whole. To achieve the aforesaid objectives the Institute aims to improve performance in the following domains:

- To achieve meritorious ranks in University results.

- To establish Dr. APJ Abdul Kalam Technical University Lucknow recognised Research centers for conduct of Ph.D. Programs.
- Organization of skill enhancement training for increasing employability students.
- Campus placements: Median and average salary packages.
- NBA accreditations of leftover departments.
- Upgradation and updation of knowledge and use of technology by faculty members.
- Number of Ph.D. faculty members.
- Number of quality research publications.
- Number of faculty members involved in sponsored research
- Patents.
- Commercialization of research innovations.
- Consultancy and funding.
- MoUs with industries and International collaborations.
- Faculty participation in syllabus framing and visiting other institutions as Resource Persons, etc.
- Activities under the banner of Value Education Cell of M.I.E.T. (Also exists as the Nodal Centre of the University).
- Student participation in NSS.
- Activities in the adopted villages under Unnat Bharat Abhiyan.