



## YEARLY STATUS REPORT - 2020-2021

<b>Part A</b>	
<b>Data of the Institution</b>	
<b>1.Name of the Institution</b>	MOTHER THERESA INSTITUTE OF ENGINEERING AND TECHNOLOGY
• Name of the Head of the institution	DR M LAKSHMIKANTHA REDDY
• Designation	PRINCIPAL
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	09440103761
• Mobile No:	9866888648
• Registered e-mail	mtieat@gmail.com
• Alternate e-mail	naacmtiet@gmail.com
• Address	MELUMOI (POST), PALAMANER, CHITTOOR(DIST)
• City/Town	PALAMANER
• State/UT	ANDHRA PRADESH
• Pin Code	517408
<b>2.Institutional status</b>	
• Type of Institution	Co-education
• Location	Rural
• Financial Status	Self-financing

• Name of the Affiliating University	Jawaharlal Nehru Technological University Anantapur, Anantapuramu				
• Name of the IQAC Coordinator	MR K LOKESH				
• Phone No.	9494093737				
• Alternate phone No.	9704757667				
• Mobile	9704757667				
• IQAC e-mail address	mtieat@gmail.com				
• Alternate e-mail address	naacmtiet@gmail.com				
<b>3. Website address (Web link of the AQAR (Previous Academic Year))</b>	<a href="http://www.mtieat.com">http://www.mtieat.com</a>				
<b>4. Whether Academic Calendar prepared during the year?</b>	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="http://www.mtieat.org">http://www.mtieat.org</a>				
<b>5. Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B	2.49	2019	09/09/2019	08/09/2024
<b>6. Date of Establishment of IQAC</b>			03/07/2017		
<b>7. Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,</b>					
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
NIL	NA	NA	--	00	
<b>8. Whether composition of IQAC as per latest NAAC guidelines</b>			Yes		
• Upload latest notification of formation of IQAC			<a href="#">View File</a>		

<b>9.No. of IQAC meetings held during the year</b>	<b>02</b>
<ul style="list-style-type: none"> <li>Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?</li> </ul>	<b>Yes</b>
<ul style="list-style-type: none"> <li>If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>	<a href="#">View File</a>
<b>10.Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	<b>No</b>
<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>	
<b>11.Significant contributions made by IQAC during the current year (maximum five bullets)</b>	
Conducted faculty development programs	
Conducted Academic Audit	
Organized work shops	
MoUs with the industries	
<b>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</b>	
<b>Plan of Action</b>	<b>Achievements/Outcomes</b>
Seminars, Guest lectures, Work shops	As a result, knowledge towards content beyond syllabus in the students is improved
Regular Internal and external auditing	IQAC conducts internal academic auditing twice in the year and external academic and administrative audit once in the year to improve the quality.
Improve the use of ICT tools	Provided a platform for internships, workshops and consultancy works
Continuous student development activities towards career and higher education	It has become an effective tool to improve the placements

<b>13. Whether the AQAR was placed before statutory body?</b>	<b>Yes</b>				
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>					
<table border="1"> <thead> <tr> <th>Name</th> <th>Date of meeting(s)</th> </tr> </thead> <tbody> <tr> <td>Governing Council</td> <td>02/07/2020</td> </tr> </tbody> </table>		Name	Date of meeting(s)	Governing Council	02/07/2020
Name	Date of meeting(s)				
Governing Council	02/07/2020				
<b>14. Whether institutional data submitted to AISHE</b>					
<table border="1"> <thead> <tr> <th>Year</th> <th>Date of Submission</th> </tr> </thead> <tbody> <tr> <td>2020-21</td> <td>11/02/2022</td> </tr> </tbody> </table>		Year	Date of Submission	2020-21	11/02/2022
Year	Date of Submission				
2020-21	11/02/2022				
<b>15. Multidisciplinary / interdisciplinary</b>					
<p>The Institute is affiliated to JNTUA, strictly adhere to follow the syllabus developed by the university and is following the Choice Based Credit System (CBCS), where each program offered multidisciplinary courses to have overall concepts on Engineering and Technology. Even though, the Institute encourages the students to enroll in Value added courses and Add on courses related to multidisciplinary/interdisciplinary. Institute always motivates the faculty members to focus on interdisciplinary research to meet industrial as well as societal needs and also collaborate with industries to carry out projects. Interdisciplinary research will bring the new innovative ideas, techniques and methods to solve various problems encountered in the real time world. The Statutory regulator authorities like AICTE and JNTU also emphasis in their model curriculum about the introduction of interdisciplinary courses to students through open and core electives. From the academic year 2021-22, the institute introduces new course on Artificial Intelligence and Data Science.</p>					
<b>16. Academic bank of credits (ABC):</b>					
<p>It is affiliated to JNTUA and there are certain issues where the institute is bound by the rules and regulations of the University. All subjects/ courses are to be registered by a student in a semester to earn credits. Credits shall be assigned to each subject/course in a L: T: P: C (Lecture Periods: Tutorial Periods: Practical Periods: Credits) structure. A student will be eligible to get B.Tech Degree, if he/she gains total credits of 176 for R-15 and 163 for R-19</p>					

regulations, in which theory subjects 3 credits including Massive Online Open Courses (MOOCs), practicals with 1.5 to 2 credits, survey camp/Industrial training 2 credits and project work with 7 to 10 credits; these credits vary as prescribed by the university form regulation to regulation. It is initiated by the students to participate in online courses through online mode individually. Revision of curriculum has been started for year 2013, 2015, 2019 and 2020 as per university rules. These revisions are applicable for students admitted in the respective years. The institute agrees in principle with the ABC and has started looking into this aspect although it has not been implemented fully. We are in the process of developing a system for executing ABC in true spirit, once the University's implementation of ABC.

### **17.Skill development:**

The vibrant internship programmes prevalent in the institute act as catalysts for skill development. The basic premise of NEP whereby degree-owners are turned into empowered individuals is being followed. The number of students opting for jobs is still much more as compared to the number of empowered individuals who, with their ingenuity, will go for startups. This is sort of a cultural shift and it will take time to produce a sizable number of students who will opt for self-employment. So far as skill required in industry is concerned, the students are ahead of many of their likes. But the process of improvement is continuous and the Institute strives to attain excellence slowly but steadily. Students and faculty members of the institute have done courses and internships got certificates to improve their skills. The progress in this area has been spectacular. The institute always forefront to organize the various skill development programs for the betterment of faculty members. College also organizing awareness programs, seminars, workshops and field visits for the benefit of the interested students. These programs have helped a few students to know about the importance of self employment and wealth creation. They also understood that creativity and innovation are the prerequisites for the success of business ventures. The organized programmes scale up the professional and social skills of the students and prepare them to be the responsible citizens of India. For this purpose the college works by:

- Organizing coaching class continuously with the high end electronic and digital presentations.
- Making the students to participate in workshops, Debates and Reading Sessions.

- Motivating the students to organize group discussions and role playing.
- To improve coding skills, quantitative, analytical and logical skills to forfeit themselves in placements, Institute organizing CRT training programs every year.
- Andhra Pradesh Information Technology Academy (APITA): This program is initiated by state government of Andhra Pradesh to Higher Education Institution to give awareness on latest technologies, Industry readiness and Campus Recruitment. Our students are taking active participation in this program and placed in MNCs.

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

The preservation and promotion of India’s cultural wealth must be considered a high priority for the country, as it is truly important for the nation’s identity as well as for its Economy. In this regard appropriate integration of the Indian Knowledge system particularly teaching in Indian languages is important. Language, of course, is inextricably linked to Arts and culture. Languages influence the way people of a given culture speak with others, including with family members, authority and strangers, and also influence the tone of the conversation. In order to preserve and promote culture, one must preserve and promote a culture’s languages - “Unity in Diversity”. The 21st century, aims to reconfigure the education system of India on the framework of Indian knowledge System. It recognizes that the distinct place that India holds at the global stage is only because of its cultural developments, civilization values and rich literature in all the fields. Ministry of Education, AICTE and MHRD encouraging technical education in region language and also publish the text books in the regional language for the easiness in understanding of the course. To promote the above, the college encourages

- The ability to express the views, ideas, thoughts, opinions, etc., by the student shall be addressed with a mix of English and local languages.
- The teaching-learning in local language shall be considered as an opportunity to curtail ‘dropouts’ from early stages of the program duration.
- Some of our faculty members have fluency of speech in other Indian languages like Tamil, Kannada, Urdu, Malayalam, Hindi etc..

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

Outcome-based education is targeted at achieving desirable outcomes (in terms of knowledge, skills, attitudes and behavior) at the end



of a program. Teaching with this awareness and making the associated effort constitutes outcome-based education. This entails a regular methodology for ascertaining the attainment of outcomes, and benchmarking these against the program outcomes consistent with the objectives of the program. The Institute adopts Outcome Based Education (OBE) and implements in teaching and learning process. Even though the Institute is affiliated college, the Faculty members were trained in designing the courses and its syllabi to meet industrial and academic requirements of the students, justifying the Course Outcomes(CO) and mapping these CO with Program Outcomes(PO) and comparing the after assessment and evaluation process. Attainment of Course Outcomes are shows the effective implementation of Teaching and Learning process to meet OBE. Institute always believes that educational quality must be measured by outcomes rather than inputs, because inputs do not necessarily correlate with quality outcomes. Outcomes are dependent not only on inputs but also on the processes followed by an institution to convert inputs into defined outcomes. Few examples of Participative Learning practices are as follows:

- Classroom Interaction: Classroom Interactions at the college manifests on changing instructional role towards more support and negotiation over content and methods and focuses developing and supporting students' autonomy of critical thinking.
- Peer Learning: During project work students' collaborate among themselves and share their knowledge and skill.
- Conferences/ Seminars/ Webinars: The Institute online platforms, attending webinars and discussing among peer groups. Google Meet and Zoom are being used by all the faculty members as LMS. Faculty members are uploading various learning resources such as articles, pre-recorded videos, YouTube links, assignments etc.. on the respective on-line classes and students are also responding very well. Various online tools are also being used by some of the faculty members to make online classes more engaging.
- The Institute has adopted Choice Based Credit System (CBCS) as per the university regulations in all the undergraduate programs and encourages students to enroll in courses from MOOCs platforms as recommended by the AICTE.
- The Institute is also encourages to register various online courses, internships and training programmes offered by the leading universities, institutes and organizations.

#### **20.Distance education/online education:**

Due to Covid -19 pandemic, educational institutions in the country has increasingly involved in using the digital platforms for engaging classes, conducting conferences and meetings. Keeping aside the negative impact of lack of face to face learning, online

education has broken the geographical barriers creating interaction of experts and students from distant geographies. Opening up of the economy including that of educational institutions has paved the way of adopting hybrid mode of education. Due to the experience gained during the closure period of Covid-19, access to online resources by educators and students will not be a constraint anymore. The whole college campus is wi-fi enabled with digitally interactive panels installed in classrooms and hence no hindrance /obstacle in online education. The institution is prepared to make available all such type of e-content material prepared by faculty members to all students through online mode to meet the future challenges. Online education allows students to attend classes from any location of their choice while it allows colleges to reach out to an extensive network of students, instead of being restricted by geographical boundaries. Students can clarify their doubts through live chats or forums by staying at the comfort and safety of their home. On the positive note, online learning has made both teachers and students become more technology savvy. Various mobile phone and computer applications and technology based programs have emerged as an alternative platform to regular classroom teaching during lockdown. Both the teacher and the student community were quick enough to acclimatize with computers and smart-phones. The faculty and students are equip themselves to attend the examinations, seminars and comprehensive viva voce in online mode to fulfill their academic requirements to get the UG degree. Still some of the challenges are to be fulfilled in online education system for rural areas.

## Extended Profile

### 1.Programme

1.1 258

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

File Description	Documents
Data Template	<a href="#">View File</a>

### 2.Student

2.1 1539

Number of students during the year



File Description	Documents
Data Template	<a href="#">View File</a>

2.2 161

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

File Description	Documents
Data Template	<a href="#">View File</a>

2.3 391

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	<a href="#">View File</a>

### 3.Academic

3.1 122

Number of full time teachers during the year

File Description	Documents
Data Template	No File Uploaded

3.2 122

Number of Sanctioned posts during the year

<b>Extended Profile</b>	
<b>1.Programme</b>	
1.1 Number of courses offered by the institution across all programs during the year	<b>258</b>
File Description	Documents
Data Template	<a href="#">View File</a>
<b>2.Student</b>	
2.1 Number of students during the year	<b>1539</b>
File Description	Documents
Data Template	<a href="#">View File</a>
2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	<b>161</b>
File Description	Documents
Data Template	<a href="#">View File</a>
2.3 Number of outgoing/ final year students during the year	<b>391</b>
File Description	Documents
Data Template	<a href="#">View File</a>
<b>3.Academic</b>	
3.1 Number of full time teachers during the year	<b>122</b>
File Description	Documents
Data Template	No File Uploaded

3.2	122
Number of Sanctioned posts during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

<b>4.Institution</b>	
4.1	32
Total number of Classrooms and Seminar halls	
4.2	314.76
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	524
Total number of computers on campus for academic purposes	

## 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 college is affiliated to the JNTUA, Ananthapuramu and the curriculum and syllabi are prescribed by the university. The College ascertains the effectual delivery of curriculum through a meticulously designed process without swerving the program of the university.

The college also employs other measures to make the teaching - learning activity can be dynamic and effective. They are:

- The academic activities and calendar is in sequence with the university.
- Expression of objectives pertaining to the content of teaching plan at the very inception of the semester.
- Genuine attempts are made to connect the well known three directives viz content, concept and context.
- Availability of e-cap software to monitor students' performance and teaching and evaluation process.

- Well furnished and equipped library and laboratories are the feathers in the cap of the college, and it is provided for the effective delivery of the curriculum.
- Preparing and coaching students to participate in university and national level competitions.
- Adopting "Outcome based approach" for the effective delivery of the curriculum.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="http://mtieat.org/naac/c1/Syllabus.pdf">http://mtieat.org/naac/c1/Syllabus.pdf</a>

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

\* The college believes that teaching is an art and the art of teaching can always be improved.

\* Institutional academic calendar is prepared with curricular, co-curricular activities and events.

\*Teaching plans are prepared keeping objectives of the contents in the curriculum.

\*Sincere attempts are made to connect the three directives: 'content, concept and context.'

\*To make the teaching more effective, teaching aids are prepared and used.

\*Well furnished and equipped library and laboratories are the feathers in the cap of the college, and it is totally being utilized for the effective delivery of the curriculum.

\*The faculty posses an obvious idea of classroom dynamics which involves the interaction between the faculty and the students. Every classroom is taken as a community and the faculty tries to create positive classroom atmosphere where students feel comfort in learning things through interaction.

\*Each faculty member is entrusted to take care of a group of

students who are lagging behind in academics and other activities.

\*Periodical reviews as to the completion of syllabus, guiding notes, activities and other things are conducted by the Head of the Department and a report is submitted to the Principal.

\*Apart from all these, guest lectures, motivational classes, seminars, visits to the centres of biodiversity are organized.

File Description	Documents
Upload relevant supporting documents	<a href="#">View File</a>
Link for Additional information	<a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/101578/1.1.2_1658497158_8497.pdf">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/101578/1.1.2_1658497158_8497.pdf</a>

**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	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 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**

05



File Description	Documents
Any additional information	<a href="#">View File</a>
Minutes of relevant Academic Council/ BOS meetings	<a href="#">View File</a>
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

### 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)

14

File Description	Documents
Any additional information	<a href="#">View File</a>
Brochure or any other document relating to Add on /Certificate programs	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>

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

1438

#### 1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

1438

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of the students enrolled in Subjects related to certificate/Add-on programs	<a href="#">View File</a>

### 1.3 - Curriculum Enrichment

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

**\*The college believes that there is neither superior nor inferior**

and all the students are unique in nature. Equal opportunities are given to both boys and girls in all the activities, and they can nurture their likes and interests.

\*Usually girl students from rural areas are reticent to address the class and participate in activities and so women faculty are allotted to dispel their fear which is the worst enemy of human being. Slowly they join in the mainstream.

Gender :

Equal chances are given for both the genders in terms of admission, employment, training programmes, sports activities etc.,

Women's day is celebrated every year with enthusiasm in the college. Every year best girl students are selected and they are awarded and rewarded.

Environment Science and sustainability

Students have a compulsory subject on Environment Science and sustainability

To protect trees, the e-governance is implemented in the campus towards all the academic and administrative works to reduce paper utilization.

Human Values:

The institute has a barrier free and ragging free environment.

Woman anti-harassment committee, grievance redressal cell and staff Welfare committee are constituted.

Awareness program's are initiated by NSS, towards extension and outreach programs in collaboration with industry, community and non government organizations during the academic year

File Description	Documents
Any additional information	<a href="#">View File</a>
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	<a href="#">View File</a>

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

222

File Description	Documents
Any additional information	<a href="#">View File</a>
Programme / Curriculum/ Syllabus of the courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	<a href="#">View File</a>
MoU's with relevant organizations for these courses, if any	<a href="#">View File</a>
Number of courses that include experiential learning through project work/field work/internship (Data Template)	<a href="#">View File</a>

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

391

File Description	Documents
Any additional information	<a href="#">View File</a>
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>

### 1.4 - Feedback System

<b>1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni</b>	<b>A. All of the above</b>
---	----------------------------

File Description	Documents
URL for stakeholder feedback report	<a href="#">View File</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	<a href="#">View File</a>
Any additional information(Upload)	<a href="#">View File</a>

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

File Description	Documents
Upload any additional information	<a href="#">View File</a>
URL for feedback report	<a href="http://mtieat.org/naac/c1/1.4.2/1.4.2_2020-21.pdf">http://mtieat.org/naac/c1/1.4.2/1.4.2_2020-21.pdf</a>

## TEACHING-LEARNING AND EVALUATION

### 2.1 - Student Enrollment and Profile

#### 2.1.1 - Enrolment Number Number of students admitted during the year

##### 2.1.1.1 - Number of sanctioned seats during the year

420

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

#### 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

161

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

## 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

MTIET has a well-defined mechanism to assess the learning levels of a student.

**For Slow Learners:**

The Lecturers focus more on slow learners while teaching and make them to learn the concepts well. Intensive coaching classes are arranged for laggards to scale them up.

**Strategies adapted for slow learners :**

- Remedial classes were conducted
- Group study systems were also introduced.
- Academic and personal counseling
- Provision of simple and standard lecture notes.
- Bilingual explanation and discussion.
- Induction Programs.

Batching the slow learners with advanced learners to create a atmosphere of competitive spirit among the students, which fetched positive results.

**For Advanced Learners:**

For motivating advanced learners to continue their higher level of learning and to keep enhancing their knowledge and skills following programs are conducted:

**Strategies adapted for advanced learners :**



- Special Coaching and skill development programme in Communicative English, Aptitude , Reasoning and Technical Skills .
- Provision of reference material.
- Talented students were motivated to participate in Co-curricular and Extra curricular activities.
- Mini project.
- Workshops on Advanced Technologies.
- Awareness programs on career development.
- On-line courses like NPTEL/SWAYAM courses.
- Imparting GATE coaching.

File Description	Documents
Link for additional Information	<a href="http://mtiet.org/naac/c2/2.2.1/ADVANCED-GATE%20CLASS/20-21_gate_civil.pdf">http://mtiet.org/naac/c2/2.2.1/ADVANCED-GATE%20CLASS/20-21_gate_civil.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

Number of Students	Number of Teachers
1539	122

File Description	Documents
Any additional information	<a href="#">View File</a>

### 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

MTIET adopted the following learning methods for experiential learning and participative learning.

- Well established laboratories.

**Group Discussion on the Advanced Technologies:**

Students are allowed to go to the library for verifying latest articles on advanced technology. The groups of students are directed to discuss the current issues and advanced technologies

to enhance their learning levels.

#### Active learning methods:

Active learning methods are adopted in the class room to make the students actively involved in the learning process.

Teacher shares recorded video/audio lecture with the student. Students in the class room clear their doubts on prerecorded concepts. Most confusing or least understood point of the subject will be clarified by the teacher.

#### Student seminars, Project Works, and Industrial Visits:

Students are allowed to design and execute Mini and Major Projects on advanced topics during the course of their study. The institute also arranges Industrial Visits for practical learning and arranges interacting Sessions with the Executives.

#### Problem solving skills:

The Institute very often arranges expert lectures drawing the resource persons from the Industry

Concerned. Aptitude tests and problem solving practices are arranged with the help of industry executives.

- Case study
- Analysis and reasoning
- Quiz Programs

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional information	<a href="http://mtieat.org/naac/c2/2.3.1/2.3.1_industry_visit.pdf">http://mtieat.org/naac/c2/2.3.1/2.3.1_industry_visit.pdf</a>

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

#### Response:

MTIET Campus is Wi-Fi enabled with the speed of 300 Mbps internet connectivity and the class rooms are equipped with ICT tools.

Teachers also prepare a video lectures, audio lectures and PPTs for their subjects. It is essential for the learner to learn and master the latest technologies to be corporate ready. The college used ICT tools in education to support, enhance and optimize to provide quality education.

Teacher also uses the online resources like Google meet, and zoom for online teaching. Faculty and students use e-learning - resources from National Programme on Technology Enhanced Learning (NPTEL), working models, open course ware from reputed educational institutions, which explains the process for effective teaching. Teachers also use of

ICT Tools used such as

- LCD projectors
- Desktop
- Printers
- Scanners
- Seminar room: seminar rooms were equipped with digital facilities
- Online classes through, ZOOM, GOOGLE MEET
- Video Conference
- Online Quiz

Video Lecture:

Recording of video lecture was made available to students for long term learning and future references. Students used online public access catalogue which include virtual library, E- data bases, Internet and Wi-fi facility were made available students at free of charge.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	<a href="http://mtieat.org/naac/c2/2.3.2/SAMPLE%20PPT/">http://mtieat.org/naac/c2/2.3.2/SAMPLE%20PPT/</a>

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

<b>2.3.3.1 - Number of mentors</b>	
<b>115</b>	
File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
mentor/mentee ratio	<a href="#">View File</a>
<b>2.4 - Teacher Profile and Quality</b>	
<b>2.4.1 - Number of full time teachers against sanctioned posts during the year</b>	
<b>81</b>	
File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>
<b>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)</b>	
<b>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</b>	
<b>13</b>	
File Description	Documents
Any additional information	<a href="#">View File</a>
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)	<a href="#">View File</a>

### 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

796

File Description	Documents
Any additional information	<a href="#">View File</a>
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<a href="#">View File</a>

### 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.

Following are the evaluation reforms introduced by the institution:

The introduction of two sets of question papers for internal examinations.

- The introduction of additional unit tests/Assignments upon completion of the syllabus to assess students on a regular basis.
- In addition, the institution also includes evaluation through seminars, class participation, project and presentations.
- The institution adheres to the academic calendar of the university along with the college calendar for conduct of examinations.
- The internal examinations are conducted honestly and seriously appointing observers and coordinators by the Examination section.
- The results are discussed by the respective faculty with the students and the students are encouraged to perform better.
- The evaluated answer scripts are given to the students and concerned for verification, if at all any doubt and clarification, the same will be clarified by the respective faculty.
- The marks secured by the students will be displayed on the



notice board and the same will be communicated to their parents too.

- The academic counselors/mentors review the performance of the individual student and offer suggestions to improve their performance in the forthcoming examinations.
- The HODs review the performance of the students in the internal examinations and take necessary steps to improve teaching-learning process accordingly.
- The Principal reviews the performance of the students with all HODs and takes further steps for improvement of the teaching-learning process.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="http://mtieat.org/naac/c2/2.5.1/2020-2021/">http://mtieat.org/naac/c2/2.5.1/2020-2021/</a>

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

#### College Level:

If a student is not able to appear for examination due to medical or any genuine reason examination is conducted for that student as per norms, provided that he/she submits application with proper documents.

The grievances of the students with reference to assessment are made clear by showing his/her performance in the answer sheet.

The answer sheet of such student is assessed by the faculty once again in the presence of the student.

Any corrections in the total of marks or assessment of answer books as identified by students are immediately done by the faculty members.

Any student who is not satisfied with the assessment and award of marks may approach the concern HOD who can intervene and seek opinion of another course Teacher.

The Institute follows open evaluation system where the student

performance is displayed on the notice board.

University level:

With reference to evaluation, if the student scores less mark than expected, he/she can apply for reevaluation of his/her answer script after paying the prescribed fee.

University provides the photocopy of answer sheets to students regarding any grievances with reference to evaluation.

Student can apply for reevaluation if he/she feels that evaluation is not correct.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="http://mtieat.org/naac/c2/2.5.2/">http://mtieat.org/naac/c2/2.5.2/</a>

## 2.6 - Student Performance and Learning Outcomes

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

In strict compliance with the objectives of Outcome Based Education (OBE), the Program Outcomes (POs), Program Specific Outcomes (PSOs) are framed by the department offering the concerned program after rigorous consultation with all faculty and the stakeholders. The Course Outcomes are prepared by the JNTUA, as the institute is affiliated to JNTUA. After attainment of consensus, the same are widely propagated and publicized through various means such as display and/or communication specified hereunder.

Website

Curriculum /regulations books

Class rooms

Department Notice Boards

Laboratories

Student Induction Programs

**Meetings/ Interactions with employers**

Parent meet

Faculty meetings

Alumni meetings

Library

While addressing the students, the HODs create awareness on POs, PSOs and COs. The faculty members, class teachers, mentors, course coordinators, program/ISO coordinators also inform the students and create awareness and emphasize the need to attain the outcomes.

The Pos, PSOs and COs of the programme are published through electronic media at individual Department site located on the college website <https://mtieat.org/>. The COs of the courses are also published through electronic media at the Department site located on the college website: <https://mtieat.org/>.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="http://mtieat.org/naac/c2/2.6.1/Syllabus.pdf">http://mtieat.org/naac/c2/2.6.1/Syllabus.pdf</a>
Upload COs for all courses (exemplars from Glossary)	<a href="#">View File</a>

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

**Response:**

The Institution recognized the need for the evaluation of program outcomes and program specific outcomes. For this purpose, a systematic method of collection of adequate information is also developed.

The continuous internal assessment system viz., 1st and 2nd Mid examinations are designed to examine the appropriateness of the PO's and CO's in the light of Blooms Taxonomy.

Each mid examination is developed and designed with maximum of 30

marks. These marks are distributed in such a manner that each Unit is understood by the student in depth. Accordingly, in R20 & R19 regulations, 15 marks are allotted for descriptive answers, 10 marks for objective questions and 5 marks for assignments. In R15 & R13 regulations, 20 marks are allotted for descriptive answers and 10 marks for objective questions.

The subsequent targets for the students in relation to these examinations are set by the concerned teacher based on the evaluation of previous year's results.

1. The evaluation system is awarding the marks secured by the students to their corresponding Course Outcomes.
2. Out of the total 100 marks for the subject, mid tests are evaluated for 30% and the remaining 70% are earmarked for the end semester exam marks.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="http://mtieat.org/naac/c2/2.6.1/Syllabus.pdf">http://mtieat.org/naac/c2/2.6.1/Syllabus.pdf</a>

### 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

371

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	<a href="http://mtieat.org/naac/c2/2.6.3/2020/">http://mtieat.org/naac/c2/2.6.3/2020/</a>

<b>2.7 - Student Satisfaction Survey</b>	
<b>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)</b>	
<a href="http://mtieat.org/naac/c2/2.7.1/">http://mtieat.org/naac/c2/2.7.1/</a>	
<b>RESEARCH, INNOVATIONS AND EXTENSION</b>	
<b>3.1 - Resource Mobilization for Research</b>	
<b>3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)</b>	
<b>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)</b>	
<b>3.80</b>	
File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	<a href="#">View File</a>
List of endowments / projects with details of grants(Data Template)	<a href="#">View File</a>
<b>3.1.2 - Number of departments having Research projects funded by government and non government agencies during the year</b>	
<b>3.1.2.1 - Number of departments having Research projects funded by government and non-government agencies during the year</b>	
<b>1</b>	
File Description	Documents
List of research projects and funding details (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded
Supporting document from Funding Agency	<a href="#">View File</a>
Paste link to funding agency website	<a href="https://mtieat.org/naac/c3/3.1.1&amp;3.1.2/3.1.1&amp;3.1.2-STTPDETAILS.pdf">https://mtieat.org/naac/c3/3.1.1&amp;3.1.2/3.1.1&amp;3.1.2-STTPDETAILS.pdf</a>

<b>3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year</b>	
<b>3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year</b>	
18	
File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	<a href="#">View File</a>
<b>3.2 - Research Publications and Awards</b>	
<b>3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year</b>	
<b>3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year</b>	
03	
File Description	Documents
Any additional information	<a href="#">View File</a>
List of research papers by title, author, department, name and year of publication (Data Template)	<a href="#">View File</a>
<b>3.2.2 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year</b>	
<b>3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year</b>	
02	
File Description	Documents
Any additional information	<a href="#">View File</a>
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

### 3.3 - Extension Activities

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

The Moto of the institute is to produce not only good engineers but also good human beings. Therefore, the institute put up efforts to add values of good citizenship in the students. To develop social responsibility, the institute has established NSS-MTIET since 2016. This unit has been involved in various social service activities in the neighboring localities with the financial support from the management.

The objective of the NSS-MTIET is to inculcate the habit of understanding the socio-cultural problems of the people. Every Year, the NSS-MTIET organizes orientation program to the freshers to create awareness among the students so as to involve them in social work.

The NSS-MTIET concentrates on the sensitization of the people in the nearby villages about their social problems, school dropouts, child marriages, including health and education have shown a great impact on the holistic development of the students.

The institute has active UBA cell under UBA-MHRD adopted five villages, namely Keelapatla, Keelapalli, kallupalli, Melumoi, & Dandapalli, since 2018.

The activities organized by the NSS-MTIET:

- Free medical camps
- Tree Plantation Programs:
- Village House Holds Survey & Gram Sabha
- Awareness on digital payments and cash less transaction
- Each One...Plant One

File Description	Documents
Paste link for additional information	<a href="https://mtieat.org/naac/c3/3.3.3&amp;3.3.4/NSS2020-21/">https://mtieat.org/naac/c3/3.3.3&amp;3.3.4/NSS2020-21/</a>
Upload any additional information	<a href="#">View File</a>

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



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

00

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year(Data Template)	<a href="#">View File</a>
e-copy of the award letters	No File Uploaded

**3.3.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., ( including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs ) during the year****3.3.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year**

05

File Description	Documents
Reports of the event organized	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	<a href="#">View File</a>

**3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year****3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year**

05

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<a href="#">View File</a>

### 3.4 - Collaboration

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

11

File Description	Documents
e-copies of linkage related Document	No File Uploaded
Details of linkages with institutions/industries for internship (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded

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

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

17

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

## 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.

#### Classrooms & Seminar Halls

The Institute has 28 well furnished, spacious and ventilated classrooms, 4 seminar halls and one conference hall. The classrooms are equipped with blackboard, projectors, fans, lights and power backup. All the classrooms are provided with LCD projectors, LAN / Wi-Fi connectivity.

#### Laboratories

The Institution has 42 domain centric laboratories as per AICTE norms. Adequate and well maintained equipment to conduct experiments is available.

The Institution has 524 computers. Every department has separate computer labs for conducting programming & simulation experiments to enhance the skills of the students.

#### Library

The institution recognizes the importance of the library as a good learning resource. It is updated regularly with the latest books & journals. Library has reprographic facilities. The digital library has 15 systems with internet facility.

Hostel, Transport, Medical, Girls Common Room and Canteen facilities, etc.,

All the classrooms, computer labs and department laboratories with its equipment are maintained properly. Fire extinguishers are available with each department on each floor as a precaution to avoid major haphazard. CCTV surveillance, generator backup and RO water purifier, etc. are well maintained. Housekeeping unit takes care of maintaining complete cleanliness in the Institute.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://mtieat.org/naac/c4/4.1.1/4.1.1_Supporting_Document.pdf">https://mtieat.org/naac/c4/4.1.1/4.1.1_Supporting_Document.pdf</a>

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

#### Cultural Activities:

To promote cultural events among students, Rainbow clubs were constituted by the college which includes Photography, Painting, Short film making and Music clubs which exhibits students creativity. Brain club, Literary and Communication club develops their speaking and thinking skills. It encourage the students to participate Inter Collegiate and Inter University cultural festivals. Cultural festival named AAROHAN is organized in the college every year by inviting students from other colleges.

Apart from participation at various sports and cultural activities, College also organizes cultural and sports events every year:

#### Sports and Games (Indoor & Outdoor):

The institution has enough sports and games facilities for both indoor and outdoor such as Cricket, Football, Volleyball, Throwball, Kabaddi, Kho-kho, Tennikoit, Badminton, Athletics, Carroms and Chess.

- Multi Stage Gym is available in our college.
- Physical Director is kept incharge of the gym to monitor the activities.

#### Yoga

- Yoga instructor monitors yoga classes in the yoga center which can accommodate 150 students at a time.
- International Yoga day is celebrated every year

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://mtieat.org/naac/c4/4.1.2/photos/">https://mtieat.org/naac/c4/4.1.2/photos/</a>

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

32

**4.1.3.1 - Number of classrooms and seminar halls with ICT facilities**

32

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

**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)**

195.97

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Upload audited utilization statements	<a href="#">View File</a>
Upload Details of budget allocation, excluding salary during the year (Data Template)	<a href="#">View File</a>

**4.2 - Library as a Learning Resource****4.2.1 - Library is automated using Integrated Library Management System (ILMS)**

The Library has been provided with Library Management Software (Libsoft) which is an user-friendly interface, built on international standards and open technology. Libsoft covers Acquisition, Cataloguing, Circulation, Material Report, Books Reservations, Barcode facility, Serial control and Online Public Access Catalog (OPAC). The library automation allows a seamless workflow with a powerful tool to manage library operations effectively. Reprographic facility is available to the students

and staff.

The Central library of the institution is of 457.5 Sq.m, with a total seating capacity of 150, with a qualified Librarian staff. The Library is kept open from 08:00 AM to 06:00 PM on all working days. It has 1956 titles, 29823 volumes, SC book bank with 57 titles, 1024 volumes, 30 printed national and international journals and 10 daily news papers. The library includes digital library with modern facilities and access to e-books, e-journal, e-learning, educational videos and scanned old question papers are available. 15 computer systems are made available for the users at digital library. The library has e-books and e-journals. Institution has membership in National Digital Library, JNTUA e-Consortium, which provides access to national and international journals.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional Information	<a href="https://www.mtieat.org/naac/c4/4.2.1/4.2.1_LIBSOFT_link_for_additional_information.pdf">https://www.mtieat.org/naac/c4/4.2.1/4.2.1_LIBSOFT_link_for_additional_information.pdf</a>

**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	<a href="#">View File</a>
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>

**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)**

0.9602

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

#### 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

555

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of library usage by teachers and students	<a href="#">View File</a>

#### 4.3 - IT Infrastructure

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

Institute has taken an initiative to upgrade itself in providing IT facilities to students and faculty. With 110 computers in the year of establishment, the institute now possesses 524 computers with latest configuration. Each department has its own computing facility. All 524 computers are LAN connected.

##### List of Software:

Microsoft Dream spark, Microsoft get genuine, Fedora Linux, K-Van S/W, Turbo C, Putty 0.6.0,

JDK 1.7, J2ME, PC Studio, P.SPICE, Auto CAD, Edge CAM, Ansys 14.3, Matlab, Multisim, PTC, MASAM, TASAM, ORCAD, Xilinx, Visual Studio, Argo UML, R studio, Python, Catia, Hadoop, STAADpro etc..

To synchronize syllabus with industry, institute uses open source application and system software for keeping students updated.

Internet service is made available in the institute to students and faculty, with a bandwidth of 300 Mbps connection. The



institute has separate Computer Centre with internet facility. All the IT facilities are minutely looked upon by System head, system admin and team of technicians.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.mtieat.org/naac/c4/4.3.1/Photo/">https://www.mtieat.org/naac/c4/4.3.1/Photo/</a>

#### 4.3.2 - Number of Computers

524

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Student – computer ratio	<a href="#">View File</a>

#### 4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	<a href="#">View File</a>
Details of available bandwidth of internet connection in the Institution	<a href="#">View File</a>

#### 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)

118.79

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Audited statements of accounts.	<a href="#">View File</a>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View File</a>

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

The Institute has well defined system of maintenance of its academic and physical support facilities like laboratory, library, sports complex, computers, class rooms, fire safety system, solar panel, intercom facilities, etc. The maintenance committee is headed by the Principal, Vice-Principal, HODs of various departments and they are involved in the maintenance of overall infrastructure. There is regular maintenance and repairs of furniture, masonry, painting, plumbing, housekeeping, gardening, transport, RO plant, telecom and IT services.

Regular cleaning of class rooms, floor, laboratories, library and rest rooms are done by housekeeping staff. Adequate staffs are employed to meticulously maintain cleanliness of infrastructure to provide a congenial learning environment. Dustbins are placed in every floor. The campus maintenance is monitored through surveillance cameras. The green cover of the campus is well maintained.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://mtieat.org/naac/c4/4.4.2/Photos/">https://mtieat.org/naac/c4/4.4.2/Photos/</a>

## 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**

1080

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	<a href="#">View File</a>

### 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

1331

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

**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	<a href="https://mtieat.org/naac/c5/5.1.3/20-21_gym.pdf">https://mtieat.org/naac/c5/5.1.3/20-21_gym.pdf</a>
Any additional information	<a href="#">View File</a>
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

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

1385

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

1385

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

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

**A. All of the above**

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	<a href="#">View File</a>

## 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

344

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

### 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

01

File Description	Documents
Upload supporting data for student/alumni	No File Uploaded
Any additional information	<a href="#">View File</a>
Details of student progression to higher education	<a href="#">View File</a>

### 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****04**

File Description	Documents
Upload supporting data for the same	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**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.****02**

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	<a href="#">View File</a>

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 )

**Response:**

The institute motivates active participation of students through nomination by HODs and Principal, to encourage the involvement of interested and active students for each committee along with staff.

- Anti-ragging committee
- Grievances Redressal Cell
- Sports and Games committee

- Cultural Activities committee
- NSS-MTIET
- College News Letter committee
- Women Empowerment Cell

The students are actively involved in organizing and executing the following activities.

- Tech fest
- Extension activities
- Annual social gathering
- Blood donation Camps
- Tree plantation
- Medical Camps

Administrative activities:

For smooth functioning of the institution administrative setup from the management and staff, to involve student participation and their ideas to inculcate leadership qualities in decision making.

- Class Review Committee
- Department Advisory Committee

Co-curricular activities:

- Quiz
- Assignments
- Internships
- Group Discussions
- Debates
- JAM

Extra-curricular activities:

- Painting
- Photography
- Music

Sports and Games:

The college provides unflinching support to the Sports and Games activities for both teachers and the students. The College believes that a strong mind needs a strong body. Qualified Director of Physical Education trains both boys and girls in the



sports and games of their interest. Playground is properly maintained to play all field and indoor games with required kits are being equipped. Tracks for sporting events are made available.

File Description	Documents
Paste link for additional information	<a href="https://mtieat.org/naac/c5/5.3.2/student_comittes.pdf">https://mtieat.org/naac/c5/5.3.2/student_comittes.pdf</a>
Upload any additional information	<a href="#">View File</a>

### 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

08

File Description	Documents
Report of the event	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
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)	<a href="#">View File</a>

### 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

#### Response:

The Alumni Association of MTIET "MAA (MTIET Alumni Association)" is registered in 2019 with the Registrar of Societies, Reg No. 281 of 2019, dated 29/08/2019. The Principal of the college acts as President and senior staff members act as other office bearers and old students are the members. Periodical meetings are arranged to review the activities.

The main objectives of association are

- To promote and foster mutually beneficial interaction between Alumni and the Institute.
- To encourage the Alumni to take abiding interest in the process and development of Institute.
- To arrange and support the placement activities for the benefit of present students of the Institute.
- To mentor the students towards higher education, development of character and personality to become responsible citizens.
- To encourage and guide the students of the Institute on self-employment and to become future entrepreneurs.
- Promote the Industry-Institute interaction to bridge the gap between industry requirements and education offered and enhance student's employability.
- To encourage and support students of the Institute to participate in sports, cultural and extracurricular activities.

#### Contributions of Alumni:

- Alumni interacted with the final year students and guide them in preparing for campus interviews in core and IT companies.
- Alumni helped in arranging seminars in key areas.
- With the interaction of Alumni students, chances of identifying the industries for current students to undergo in-plant training and Internships etc for their overall development.
- Donate books to the Department library.

File Description	Documents
Paste link for additional information	<a href="https://mtieat.org/naac/c5/5.4.1/alumini_registration_certificate.pdf">https://mtieat.org/naac/c5/5.4.1/alumini_registration_certificate.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

**D. 1 Lakhs - 3Lakhs**

File Description	Documents
Upload any additional information	<a href="#">View File</a>

**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

To implement the above, an administrative structure is evolved with the Board of Governing Council consisting, their duties and responsibilities are well defined to maintain academic standards so as to improve the capabilities and knowledge of the primary stakeholders. The Governing Council is effectively manage the properties, finance and infrastructure.

Academic and administrative activities are planned, directed and organized by the Principal with the support of the Academic and Administrative officers as per the policies, programs and procedures. He is to strive to meet the needs of the students, parents, teachers and members of the society.

The Governing Council meets four times in a year and discuss the agenda. The council reviews the performance of the college of the previous year with regard to various activities and approve the policies, budget etc..

The Internal Quality Assurance Cell monitors the Program Educational Objectives (PEOs) to meet Program Outcomes (POs).

The Course Outcomes are mapped to POs and PEOs which aligned with the Vision and Mission of our institution.

The feedbacks/inputs from the stakeholders have been analyzed to ascertain additional inputs required in training, teaching and research to meet the Vision and Mission.

File Description	Documents
Paste link for additional information	<a href="https://mtieat.org/naac/c6/6.1.1/6.1.1.pdf">https://mtieat.org/naac/c6/6.1.1/6.1.1.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

**Response**

To decentralize the administration, committees like admissions, discipline, examinations, sports & games, cultural activities etc.. are constituted with a convener assisted by staff and students to monitor as a coordinated unit, to discharge the duties reflecting the leadership qualities.

The staff are allowed to participate effectively to strengthen the organization like decision making , problem solving which promote employees commitment onwards the organization reflecting the participative Management. The College initiates staff to plan various activities in the day to day functioning of the college to achieve excellency through decentralization and participative management.

Principal coordinates all these activities with the help of Heads of the Departments. The faculty members take active participation in implementing various quality improvement plans and programmes. The policy statements, code of conduct and action plans are framed based on the needs of university, industries, society etc. The Principal implements strategic plan and ensures that every teaching and non teaching staff have active involvement in the development of students.

The following committees are constituted :

- Governing Council
- IQAC
- College Academic Committee
- Training and Placement cell
- Examination Cell
- R & D Cell
- NSS-MTIET Unit

File Description	Documents
Paste link for additional information	<a href="https://mtieat.org/naac/c6/6.1.2/Admin_Manual.pdf">https://mtieat.org/naac/c6/6.1.2/Admin_Manual.pdf</a>
Upload any additional information	<a href="#">View File</a>

## 6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Short Term Goals (STG):

STG 1: Accreditation by NAAC with highest grade.

STG 2: To secure NBA accreditation.

STG 3: To get better NIRF and ATAL Ranking.

STG 4: To encouraging the teachers and students to undertake research activity and publish research papers in reputed journals.

STG 5: Create a provision for internships on latest technologies.

STG 6: To foster creativity and innovation among the students by establishing Incubation

STG 7: To encourage the faculty members to publish the patent and apply for grant.

STG 8: To facilitate students to become entrepreneurs.

STG 9: Faculty exchange programs with premier Institutes which help the Institute to adapt successful pedagogy.

Long Term Goals (LTG):

LTG 1: Establishment of Incubation and Innovation centre.

LTG 2: Identification of the local resources including manpower so as to scale them up to accelerate economic development.

LTG 3: To secure Autonomous status to the institution.

LTG 4: To collaborate with foreign educational institutions in business and research areas.

LTG 5: To create an environment to raise the Institution to the status of Deemed to be University

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://mtieat.org/naac/c6/6.2.1/6.2.1%20STG.pdf">https://mtieat.org/naac/c6/6.2.1/6.2.1%20STG.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

The following Institutional bodies are constituted and they are functioning effectively and efficiently.

- Governing Body
- Governing Council
- IQAC
- College Academic Committee
- Staff Recruitment Committee
- Examination Cell
- R & D Cell
- Employee Welfare Committee
- SC/ST Committee
- Finance Committee
- Alumni Committee

File Description	Documents
Paste link for additional information	<a href="https://mtieat.org/naac/c6/6.2.2/6.2.2%20Organogram.pdf">https://mtieat.org/naac/c6/6.2.2/6.2.2%20Organogram.pdf</a>
Link to Organogram of the Institution webpage	<a href="http://mtieat.org/naac/c6/6.2.2/6.2.2%20Organogram.pdf">http://mtieat.org/naac/c6/6.2.2/6.2.2%20Organogram.pdf</a>
Upload any additional information	No File Uploaded

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	<a href="#">View File</a>
Screen shots of user interfaces	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	<a href="#">View File</a>

### 6.3 - Faculty Empowerment Strategies

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

The management is implementing the following welfare measures for teaching and non teaching staff for their progression and career development.

- The staff members are allowed to attend various Professional Developmental Activities.
- Sanction of yearly increments
- Special rewards for efficient staff
- Faculty are allowed to attend refresher courses and orientation courses to update their knowledge
- Flexible working hours are allowed to the faculty, if necessary.
- The institution motivates the faculty for research and development
- Rewards are constituted for paper publications, book publications
- Study leave is provided for their higher studies
- Free transport facility
- Refreshment facilities
- First Aid Centre is available
- Ambulance service at the time of emergency
- A baby care centre for the children of working women.
- Special provision for maternity leave
- Sanction of special leave for the marriage
- Fee concession to the staff children for their education in the college
- Salary advance is allowed
- Guest house facility is provided, based on their need
- Reimbursement of registration fee of Professional body



## membership

- Financial support to attend conferences/workshops
- For physically disabled teaching staff class rooms are arranged in the ground floor
- A Grievance & Redressal Cell is constituted for staff members.
- Canteen & Hostel facility is provided at concessional rates.

File Description	Documents
Paste link for additional information	<a href="https://mtieat.org/naac/c6/6.3.1/6.3.1%20ADD.pdf">https://mtieat.org/naac/c6/6.3.1/6.3.1%20ADD.pdf</a>
Upload any additional information	<a href="#">View File</a>

### 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

61

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)	<a href="#">View File</a>

### 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

10

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	<a href="#">View File</a>
Reports of Academic Staff College or similar centers	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<a href="#">View File</a>

### 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

84

File Description	Documents
IQAC report summary	<a href="#">View File</a>
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Details of teachers attending professional development programmes during the year (Data Template)	<a href="#">View File</a>

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

Performance of teaching and non-teaching staff is evaluated by the institution. Increments are given on the basis of the appraisal system of the college. Ratings are given to the staff considering feedbacks given by the students. Performance appraisal of

individual accomplishments in terms of self rating for parameters like attendance, results, paper presentations, publications, conferences, workshops, seminars attended, certifications and awards received, involvement in social works etc.. These are forwarded to the Principal through HODs. The academic committee analyzes the recommendations and forward to the college management.

The following factors are considered in the appraisal system for teaching staff:

- Effective curriculum delivery to motivate students
- Skill upgradation through participation in Conferences, Workshops, and Faculty Development Programs
- Innovative teaching practices
- Academic results
- Research projects, publications, patents and books
- Consultancy activities
- Mentoring and counseling methods
- Feedback from students
- Feedback from HOD
- Feedback from the Principal
- Active participation in team work
- Recognitions and Awards received
- Involvement in community service
- Participation in extra curricular activities

File Description	Documents
Paste link for additional information	<a href="https://mtieat.org/naac/c6/6.3.5/2020-21appraisalsamplecopy2.pdf">https://mtieat.org/naac/c6/6.3.5/2020-21appraisalsamplecopy2.pdf</a>
Upload any additional information	<a href="#">View File</a>

## 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

**Internal audit:** The Principal constitutes an Internal audit committee with three staff members. The audit is conducted periodically on sampling basis to check the correctness of the financial transactions and statements. Cash books and balance sheets are analyzed to know the liquidity position of the college.

Suggestions raised in Internal audit will be implemented in the forth coming year.

#### External audit:

The External audit of the institution is done by the auditors and the reports ratified by the Finance committee and Governing Council are submitted to the management. The latest audit was done for the Year 2020-21.

The funds received from AICTE under the scheme of SPICES, MODROB-RURAL and STTP are utilized as per the norms and the same has been audited by the external auditor.

File Description	Documents
Paste link for additional information	<a href="https://mtieat.org/naac/c6/6.4.1/academic-ex.pdf">https://mtieat.org/naac/c6/6.4.1/academic-ex.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

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

00

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

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

The following are the different ways of mobilizing the funds for the institution.

##### 1. Tuition fee

The major source of revenue generation is tuition fees collected from students. The fee is fixed by Andhra Pradesh Fee Regulatory Committee (APFRC). 70% of the students are admitted through EAPCET/ECET Counseling under convener quota and 30% through Management Quota.

## 2. Sponsored research and Consultancy

Funds may be mobilized for sponsored research projects from National funding agencies such as DST, UGC, AICTE, DRDO, ISRO, etc. and Non-Government agencies and revenue generation through consultancy work.

## 3. Alumni contribution

Mother Theresa Institute of Engineering and Technology Alumni Association (MAA) donations are spent for Institutional developmental activities.

## RESOURCE UTILIZATION

The resources are utilized for the following as per the approved budget

- Teaching, non-teaching and supporting staff salaries and benefits.
- Furniture, Laboratory equipment, consumables etc.
- Industry collaborations.
- Central Library
- Research and Development Cell
- Training and Placement Cell
- Software procurement, up-gradation and maintenance
- Internet, Wi-Fi, LAN
- CCTV unit maintenance
- Student Services- NSS, Sports
- Power and fuel
- Printing and stationery
- Postage and telephones
- Affiliation and renewals
- Travelling expenditure
- Repair, replacements and maintenance
- Taxes and licenses
- Scholarships to merit and poor students.
- Green campus initiatives

File Description	Documents
Paste link for additional information	<a href="https://mtieat.org/naac/c6/6.4.3/2020-21.pdf">https://mtieat.org/naac/c6/6.4.3/2020-21.pdf</a>
Upload any additional information	<a href="#">View File</a>

## 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

**IQAC also recognizes the significance of research environment among staff and students to improve quality in the teaching learning process. The institution has established a Research and Development Cell (R&D Cell). The main thrust of R&D Cell:**

- Helping the interested teachers in preparing research project proposals and publishing the research works.
- Providing the latest information about the quality journals of Scopus and UGC Care list.
- Initiating interdisciplinary research projects undertaken by students and mentored by teachers.
- Establishing collaborations with industry of eminence with the objective of encouraging student and faculty exchange programmes.
- Conducting FDP to share the knowledge of the teachers at par with the latest developments in their respective disciplines.

The college constantly reinvents and innovates to maintain quality education. The college focuses on the vision and mission of the institution and conduct regular self assessments to ensure the effective functioning.

File Description	Documents
Paste link for additional information	<a href="https://mtieat.org/naac/c6/6.5.1/20-21IQAC1.pdf">https://mtieat.org/naac/c6/6.5.1/20-21IQAC1.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

Maintenance of course file for every course by all faculty members is mandatory in the institute and verified periodically which includes:

- Lesson plans along with teaching methodologies such as ICT based teaching, Power Point Presentation, Visuals and animations etc.
- Classes allotted and engaged as per the time table and evaluated.
- Learning Management System (LMS) is in practice for online submission of assignments, quiz competitions, and dissemination of course material etc.
- Setting of question papers in tune with learning Course Outcomes (COs) as per Blooms taxonomy and their assessment and mapping with Program Outcomes (POs) is also verified and reviewed.
- Review of university results, analyzing the grades of students and COs and POs attainment is carried out.
- Feedback collected from the students in on-line mode on the performance of the faculty as well as on the curriculum.

Academic audit is conducted to monitor the quality of teaching-learning process. This audit ensures whether the following activities are conducted regularly.

- Students participation in curricular, co-curricular and extracurricular activities.
- Faculty development programmes
- Faculty participation in paper publications, conferences, book publications.
- Feedback from students regarding teaching learning process and corrective measures taken.

File Description	Documents
Paste link for additional information	<a href="http://mtieat.org/naac/c6/6.5.2/IQAC%20ANN%20REPORTS/IQAC_ATR_20-21.pdf">http://mtieat.org/naac/c6/6.5.2/IQAC%20ANN%20REPORTS/IQAC_ATR_20-21.pdf</a>
Upload any additional information	<a href="#">View File</a>

**6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of**

**A. All of the above**



**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)**

File Description	Documents
Paste web link of Annual reports of Institution	<a href="http://mtieat.org/naac/c6/6.5.2/IQAC%20ANN%20REPORTS/IQAC_ATR_20-21.pdf">http://mtieat.org/naac/c6/6.5.2/IQAC%20ANN%20REPORTS/IQAC_ATR_20-21.pdf</a>
Upload e-copies of the accreditations and certifications	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View File</a>

## **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

#### **SAFETY and SECURITY MEASURES**

Safety and Security of girl students are one of the paramount important issues of our college. All the students feel secured in the college premises. Parents, Visitors and Guests are allowed after checking their credentials and the details are entered in the visitors register. Numbers of CCTV cameras are installed in the campus which covers the entire area of the campus.

#### **COUNSELING**

Counseling to girl students regarding their academics, Personality Development, health and hygiene and group behavior is a regular activity. This enables the student to be a stress free and helps in making them strong mentally.

#### **COMMON ROOM**

The institute has a well furnished common room for girl students

to take rest. It is equipped with first aid kit, wash room and other basic needs in emergencies. A well trained nurse looks after the ill health of the girls and lady staff members. Critical cases will be taken to the hospital through Ambulance/vehicle provided.

**DAYCARE CENTRE FOR YOUNG CHILDREN**

A daycare center is provided in the college to take care of the children of the faculty. This tends to be as a great relief for the working parents of MTIET.

File Description	Documents
Annual gender sensitization action plan	<a href="https://mtieat.org/naac/c7/7.1.1/7.1.1.pdf">https://mtieat.org/naac/c7/7.1.1/7.1.1.pdf</a>
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	<a href="https://mtieat.org/naac/c7/7.1.1/7.1.1.pdf">https://mtieat.org/naac/c7/7.1.1/7.1.1.pdf</a>

<b>7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment</b>	<b>E. None of the above</b>
--	-----------------------------

File Description	Documents
Geo tagged Photographs	<a href="#">View File</a>
Any other relevant information	<b>No File Uploaded</b>

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

**SOLID&LIQUID WASTE MANAGEMENT**

The institute believes that improper waste disposal system by the

local bodies is a problem. We strongly feel that it is our duty to expose the students to environmental awareness. There are solid wastes like glass, rubber, plastic, metals, newspapers etc. Waste water from students' mess, washrooms and canteen is channelized into the sewerage System to reach water storage area through underground drainage pipes.

#### BIOMEDICAL WASTE MANAGEMENT

Biomedical waste like cotton, discarded syringes, saline bottles, expired medicines and tablet wrappers are stored and handed over to the gram panchayat for safe disposal. For disposing Sanitary napkins incinerator are arranged in the girls waiting hall/washrooms.

#### E-WASTEMANAGEMENT

Electronic and electrical instruments under repair are provided to the students during the lab sessions to dismantle and reassemble which helps in application oriented learning. E-waste in the form of discarded electronic components including computers, printers, UPS batteries, multi-media systems etc. are disposed to authorized agencies.

#### WATER RECYCLING SYSTEM

Waste water from wash rooms, toilets, canteen and messes is collected and transported by well conceived sewerage system to the sewage treatment plant. An extended type of activated sludge process principle is provided in the working of the sewage treatment plant. The recycled water is used for the garden plants and lawns in the campus.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	<a href="#">View File</a>
Geo tagged photographs of the facilities	<a href="https://mtieat.org/naac/c7/7.1.3/7.1.3%20%20waste%20management.pdf">https://mtieat.org/naac/c7/7.1.3/7.1.3%20%20waste%20management.pdf</a>
Any other relevant information	No File Uploaded

**7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting**

**E. None of the above**

**Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus**

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
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:**

- 1. Restricted entry of automobiles**
- 2. Use of Bicycles/ Battery powered vehicles**
- 3. Pedestrian Friendly pathways**
- 4. Ban on use of Plastic**
- 5. Landscaping with trees and plants**

File Description	Documents
Geo tagged photos / videos of the facilities	<a href="#">View File</a>
Any other relevant documents	<a href="#">View File</a>

### 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**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	<a href="#">View File</a>
Certificates of the awards received	No File Uploaded
Any other relevant information	<a href="#">View File</a>

<p><b>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</b></p> <p><b>5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading</b></p>	<p><b>A. Any 4 or all of the above</b></p>
--	--

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Policy documents and information brochures on the support to be provided	<a href="#">View File</a>
Details of the Software procured for providing the assistance	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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 college believes in the equality of all cultures and traditions as students from many castes, religions and localities study together. There is no intolerance for cultural, regional,

linguistic, communal, socio economic differences although the students hail from a cross section of the society.

National festivals, birth anniversaries of Mahatma Gandhi, Pandit Jawaharlal Nehru, Dr. Bhimrao Ambedkar, Sarvepalli Radhakrishnan, Mother Theresa, and Lal Bahadur Shastri are celebrated to infuse the greatness of the freedom fighters and communal harmony among the students. Every year on October 31, the institution commemorates Sardar Vallabhbhai Patel's birth anniversary as National Integration Day.

The college organizes socioeconomic, cultural diversity programs to ensure and assure harmony among the students to promote tolerance of different sections of the students. In these programs the students are asked to gather at a common place wearing their specific ethnic attires and importance of that is elaborated. The college instructs them to speak on their own original tongue on the Forum organized to exchange their national commitment. In these meets, students are encouraged to sing songs concerning the National Unity and Integrity.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>
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 institution has taken up many initiatives and measures to create awareness among students and staff and sensitizing them to protect constitutional obligations. The university introduced subjects like "Human Values and Professional Ethics" and "Constitution of India" in order to sensitizing the students and employees.

Other programs to sensitize the students and to lead a successful life:

Awareness program on Indian constitution:

MTIET conducted a programme on constitution of India. Staff and students are made aware of their fundamental duties of a citizen.  
T

**Constitutional Obligations:**

Some of the constitutional obligations are to respect National flag, National anthem, obeying the laws to create unity and integrity, safe guarding public property, preserving cultural heritage etc.

**Constitutional Rights:**

This includes Right to equality, Right to freedom and religion, cultural and educational rights.

**Duties and Responsibilities of Citizens:**

Ours is a sovereign Democratic Republic we have some duties and responsibilities to follow. One must support and defend constitution.

**Awareness program on Drug Abusing and Addiction**

Youth play great role in Nation building. Consumption of alcohol and drug addiction in youth is a common evil because of prevailing stressful conditions.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="#">View File</a>
Any other relevant information	No File Uploaded

**7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic 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**

A. All of the above



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	<a href="#">View File</a>
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	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

Students and teachers of MTIET organize National Festivals, commemorative days of great Personalities to promote national integration and a feeling of VasudheikaKutumbam (A feeling that all the people in the World are the members of one Family).

the Institution organized the following events of National and International events:

**Independence Day:** The institution celebrates Independence Day on 15th August every year by hoisting National flag in the presence of students and guests. T

**Republic Day:** The Republic Day is celebrated on 26th January of every year with gaiety and patriotic fervor. O

**International Yoga day:** The Institute organizes International Yoga day on 21st June every year for students and staff to realize the importance of yoga in daily life for physical and mental health.

**International Mothers day:** The Institute organizes International Mother Day celebrated of 2nd Sunday of May Every year. The importance of the mother as the first god is elucidated.

**Gandhi Jayanthi (Birth Anniversary of Sir Mohandas Karamchand Gandhi):** Showing tribute to Father of the Nation, the Institution

celebrates Gandhi Jayanthi on 2nd October every year.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	<a href="#">View File</a>
Geo tagged photographs of some of the events	<a href="#">View File</a>
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.

**Best Practice-1: Title: Five Minutes Seminar by a student and Proficient Counselling. Objective:** MTIET believes teachers are transmitters, inspirers and promoters of quest for knowledge among students. It doesn't believe that the teacher being active givers and students being passive recipients in the classes. All the classes should be interactive. The faculty members never ignore Benjamin Bloom's educational taxonomy. Faculty development and orientation classes always make our faculty members update their techniques of teaching. They have to employ different and innovative strategies to make the students think and involve themselves. These efforts are to keep active learning at the top.

**Best Practice-2: Title: Plastic Free Campus and E-Attendance. Objective:** Plastic is ubiquitous in the world. We can't find a place where we can't find it. At the same time, it is impossible to avoid it totally. It is like our shadow.

The best thing MTIET thinks is to treat it in a proper way. The ray of hope we have is recycling.

File Description	Documents
Best practices in the Institutional web site	<a href="#">View File</a>
Any other relevant information	No File Uploaded

### 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

A PREEMINENT INSTITUTE Leading Institute in Meritorious Instruction and Placements MTIET is situated with a remote rustic backdrop in a boarder district of AP. The fact is 20 percent students come from semi towns and the remaining are from rural areas where the school and college education is substandard. The influx of such students increases the efforts and endeavours of the institute to make their minds adapt to technical and professional way of thinking, in a slow course. Apart from the infrastructure on a par with the leading institutes, there are well qualified and experienced faculty members, the state of the art laboratories, research facilities and a number of other factors like good transportation.

File Description	Documents
Appropriate web in the Institutional website	<a href="#">View File</a>
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

- To participate NIRF for better ranking
- To encourage the faculty to publish research papers in reputed journals
- To Establish a center of excellencies with MNCs
- Strengthening research activities and offering consultancy to industries
- Collaborating with premier institutions for knowledge sharing, joint projects and research work.
- Securing funds from national funding agencies, to carry out research on emerging topics