Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	**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 own campus	**Yes**
Phone no/Alternate Phone no.	**09440103761**
Mobile no.	**9866888648**
Registered Email	**mtieat@gmail.com**
Alternate Email	**naacmtiet@gmail.com**
Address	**MELUMOI (POST), PALAMANER, CHITTOOR(DIST)**
City/Town	**PALAMANER**
State/UT	**Andhra Pradesh**
Pincode	**517408**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**Self financed**
Name of the IQAC co-ordinator/Director	**MR KRISHNA REDDY**
Phone no/Alternate Phone no.	**09391810695**
Mobile no.	**9391810695**
Registered Email	**naacmtiet@gmail.com**
Alternate Email	**mtieat@gmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://mtieat.org/naac/c6/6.5.2/IQAC%20ANNUAL%20REPORTS/IQAC_ATR_17-18.pdf

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://mtieat.org/naac/AQAR/MTIET%20Academic%20Calender%20-%2018-19.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**B**	**2.49**	**2019**	**09-Sep-2019**	**08-Sep-2024**

6. Date of Establishment of IQAC

03-Jul-2017

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
A Oneday Workshop On	**23-Jan-2019**	**49**

Accreditation & Assessment Processes	01	
[View File]()		

8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
NIL	NIL	NIL	2019 0	0
[View File]()				

9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	[View File]()
10. Number of IQAC meetings held during the year :	2
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	[View File]()
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

12. Significant contributions made by IQAC during the current year(maximum five bullets)

A One day Workshop On Accreditation Assessment Processes A One day Workshop On Implementation Of Bloom's Taxonomy

[View File]()

13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
Seminars, Guest lectures, Work shops	As a result, knowledge towards content beyond syllabus in the students is improved
[View File]()	

14. Whether AQAR was placed before statutory body ?	Yes

Name of Statutory Body	Meeting Date
Governing Council	02-Jul-2018

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2018
Date of Submission	31-Dec-2018
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	ECAP Features: • Academic Register • Day Attendance Reports • Class Attendance • Time Tables • Parents Correspondences • Students List • Feedbacks • Lesson Plan • Internal Marks Data

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

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. • Updated and modernized library facilities with e – journals • Subjects are allotted based on competence, experience and performance. • Maintenance of course files by all faculty members with lesson plan, notes of lesson, question bank, performance details of the students etc., • Innovative teaching methodology to make the students to gear up themselves in teaching learning process and employing learner primary mode such as web related assignments, peer learning, group discussion, JAM, use of NPTEL lectures, NDL, Swayam online courses, projects, survey outline etc., are adopted. • Supervising of course delivery and syllabus completion through formal and informal feedback. • To encounter the challenges

in technical ambience the institution use simultaneous audio, visual discussion shows. • Each teaching faculty member is assigned with a target of guiding 20 students on academic and personal issues, to create a congenial atmosphere between the teacher and the taught. • Organizing suitable guest lectures, seminars, industrial visits and training programmes to supplement the curriculum inputs. • Refresher courses, workshops, FDPs for skill upgradation of faculty. • Encouraging students to do innovative project works with a well known Young Rural Scientist in our state. • Motivating students to pursue research and to present papers in seminars, conferences and to publish in journals. • Suitable value added programmes are conducted to bridge industry – institution gap. • Periodical reviews on syllabus completion, attendance and other activities are monitored by the HODs and report is submitted to the Principal. • Systematic, proper and prompt evaluation and dispatch of reports to parents. • 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.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
NIL	NIL	Nil	0	NA	NA

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BTech	B.Tech - ECE	02/07/2018
BTech	B.Tech - ECE	02/07/2018
BTech	B.Tech - ECE	02/07/2018
BTech	B.Tech - CSE	02/07/2018
BTech	B.Tech - CSE	02/07/2018
BTech	B.Tech - CSE	02/07/2018
BTech	B.Tech - EEE	17/12/2018
BTech	B.Tech - EEE	17/12/2018
BTech	B.Tech - ME	17/12/2018
BTech	B.Tech - CE	17/12/2018
View File		

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	B.TECH-CE	02/07/2018
BTech	B.TECH-EEE	02/07/2018
BTech	B.TECH-ME	02/07/2018
BTech	B.TECH-ECE	02/07/2018

BTech	B.TECH-CSE	02/07/2018
BTech	B.TECH-CE	17/12/2018
BTech	B.TECH-EEE	17/12/2018
BTech	B.TECH-ME	17/12/2018
BTech	B.TECH-ECE	17/12/2018
BTech	B.TECH-CSE	12/12/2018

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	0	0

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
PRIMAVERA	18/06/2018	50
PROGRAMMABLE LOGIC CONTROLLER	25/06/2018	56
PRO ENGINEER	17/12/2018	54
View File		

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BTech	B.TECH - CE	48
BTech	B.TECH - EEE	57
BTech	B.TECH - ME	54
BTech	B.TECH - ECE	122
BTech	B.TECH - CSE	106
View File		

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained
The purpose of collecting feedback is for obtaining, summarizing and documenting information on student and stakeholder perceptions of the quality and effectiveness of the Institute which helps in evaluation, accreditation and other academic quality assurance processes and activities. • All stakeholders have the opportunity to provide feedback. • Student feedback is a core

component of program evaluation but feedback is also sought from Alumni, Parents, Industry partners and Academic peers. • Feedback is taken from mentioned stakeholders throughout the semester (from alumni and industry experts), beginning of the semester (faculty) and end of the semester (from students). It is analyzed and steps will be taken from time to time to improve and refine teaching process to have better outcomes. Feedback on Curriculum: • The Institute seeks student feedback in a form which can be captured, analyzed and reported every time a course is delivered through feedback on curriculum. • Stakeholder feedback is also collected regularly. Feedback Corrective Measures being followed: • All the feedbacks received from various stakeholders are summarized and analysis is carried out at department level. • Recommendations made from the feedback comprise, recommendations to Board of studies for changes in the syllabus of the university and the suggestions made to management on procurement of facilities and equipment. • Recommendations received from the heads are discussed in HODs meeting and forwarded to management for approval/ sanctions. • The whole objective is effective implementation of Curriculum for better learning and continuous improvement of the processes and practices. Feedback on Teaching and Learning: • The institute regularly collects the feedback on all the Courses in order to analyze the performance of faculty in every semester. • The feedback from students will be taken twice in a semester to evaluate the faculty performance in class room teaching on different parameters on a 5 point scale through online. • The feedback is analyzed and evaluated and every faculty is provided with a copy of feedback for making necessary corrective action. Feedback Corrective Measures being followed: • HOD speaks to the concerned faculty to appreciate or suggest necessary improvements in teaching. • The staff members who got above 90 are appreciated for their excellent efforts and who got above 70 to 89 are appreciated for their good efforts. • Staff members who get average feedback below 60 are identified and are given orientation lectures and special inputs by the HOD and will be sent to attend FDP or workshops on teaching methodologies or technical concepts. Feedback collection Process: • The institute regularly collects the feedback on the various facilities offered to the students. • This feedback is also collected from employers, parents, alumni, faculty and hostlers and the analysis of the feedback is done in order to carry out any corrective measures.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BTech	B.TECH - CE	60	47	34
BTech	B.TECH - EEE	60	62	52
BTech	B.TECH - ME	60	47	33
BTech	B.TECH - ECE	120	162	120
BTech	B.TECH - CSE	120	169	120
View File				

2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution	Number of fulltime teachers available in the institution	Number of teachers teaching both UG and PG courses

			teaching only UG courses	teaching only PG courses	
2018	1588	Nill	105	Nill	105

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
105	105	4	28	4	2
[View File of ICT Tools and resources](#)					
[View File of E-resources and techniques used](#)					

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Mentoring students is a unique, interactive and target oriented system involving student to address common student concerns ranging from anxiety, stress, fear of change and failure to home sickness and a slew of other academic worries. • It is a process of creating a supporting relationship with teachers, parents and students aiming at comprehensive development of students. • In this activity, mentor helps a less experienced student to bring with them a higher level of experience for values of life. Mentoring helps to shape an individual's beliefs and values in a positive way. • There are many benefits of mentorship in student development that includes communication, interpersonal relationship, technical, verbal and leadership skills along with creative thinking and motivating students for extracurricular activity. The student mentoring system is aimed- 1. To enhance teacher–student relationship. 2. To enhance student's academic performance and attendance. 3. To support the students to realize their professional and career goals 4. To minimize student's dropout (detain) ratio and grievances 5. To monitor the student's regularity and discipline. 6. To enable the parents to know about the performance of regularity of wards. 7. To prepare the students to face the real time challenges in the lives to handle isolation, anxiety, depression and other health problems. • Through counseling, individual can explore alternatives, build on individual strengths and develop new skills. The feelings and concerns about family, friends, health and work deserve attention. • Counseling gave the opportunity in a quiet and supportive environment to take the time to stop, think and plan. With sensitive and caring feedback, individual will gain new awareness and learn to deal with challenges in new and productive ways. • The mentor establishes the contact with the parents through telephonic discussion, appraise them about the development of their ward. The mentee meets the mentors and the observations about mentee viz. achievements, doubts, fears, grievances etc. are recorded. • Based on which, the student is counselled in the necessary areas/ issues where he/she needs mentoring. • The timely and extensive implementation of mentoring generates healthy interaction between students, parents and teachers and results in less student grievances. The Mentoring activity at MTIET is helping the students for overall comprehensive development. • The Institute is emphasizing towards enhancement of the institutional ambience to better serve the needs of an ever-changing and dynamic learning community.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1588	105	1:15

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
81	105	0	0	12

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from	Designation	Name of the award, fellowship, received from

	state level, national level, international level		Government or recognized bodies
2018	NIL	Nill	NIL

View File

2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year- end examination	Date of declaration of results of semester- end/ year- end examination
BTech	01,02,03,04,05	I	10/12/2018	12/03/2019
BTech	01,02,03,04,05	II	07/06/2019	20/09/2019
BTech	01,02,03,04,05	III	07/12/2018	26/02/2019
BTech	01,02,03,04,05	IV	10/06/2019	31/08/2019
BTech	01,02,03,04,05	V	10/12/2018	30/01/2019
BTech	01,02,03,04,05	VI	13/06/2019	08/08/2019
BTech	01,02,03,04,05	VII	11/12/2018	19/01/2019
BTech	01,02,03,04,05	VII	20/04/2019	16/05/2019

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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 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.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

> Adherence to Academic Calendar • Every year, the academic calendar is scheduled by the JNTUA. Based on the university calendar, the institution prepares its own academic calendar and teaching plan and also follows various instructional methods. • The institution follows the university calendar, which consists of details such as Duration of instruction, Schedule of internal examinations, Schedule of external examinations, Holidays. • The internal examinations, external examinations and practical examinations will be conducted as per the university calendar. The scheduled dates will be intimated to the students, if any revisions will be taken by the university. • The schedule of Unit Tests/Assignments are prepared by the respective faculty member and intimated to the students before one week of commencement, and will be informed to the respective Head of the department to issue the permission to conduct the same. • Various departmental activities are planned to be organized by the respective departments, are included in the Academic Calendar well in before communicating to the students.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

https://assessmentonline.naac.gov.in/storage/app/hei/SSR/101578/2.6.1_165848873 4_8497.pdf

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
01	BTech	B.TECH-CE	61	53	86.89
02	BTech	B.TECH-EEE	58	56	96.55
03	BTech	B.TECH-ME	54	50	92.59
04	BTech	B.TECH-ECE	116	77	66.38
05	BTech	B.TECH-CSE	105	81	77.14
View File					

2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

https://mtieat.org/naac/AQAR/2.7.1%20sss%2018-19.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Any Other (Specify)	0	NIL	0	0
View File				

3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
IMPORTANCE OF IPR FOR STUDENT FACULTY MEMBERS	ECE	02/11/2018
INTRODUCTION OF PATENTS AND ITS USES FOR RESEARCH SCHOLARS	CSE	04/02/2019

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
NIL	NIL	NIL	Nill	NIL

View File

3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
NIL	NIL	NIL	NIL	NIL	Nill

View File

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
0	0

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	CE	1	8.14
International	ME	5	2.57
International	ECE	3	7.55
International	CSE	12	6.03
International	SH	1	4.51

View File

3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
NIL	0

View File

3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
DESIGN AND FE ANALYSIS OF HYBRID MOTOR CYCLE HELMET	DR. M.LAKSHMI KANTH REDDY	IJIRAE	2018	19	YES	19

View File

3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
DESIGN AND FE ANALYSIS OF HYBRID MOTOR CYCLE HELMET	DR. M.LAKSHMI KANTH REDDY	IJIRAE	2018	1	19	YES

View File

3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Presented papers	1	Nill	Nill	Nill

View File

3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
GO FOR AFORESTATION	NSS - MTIET	7	43
BLOOD DONATION CAMP	NSS - MTIET ANDHRA PRADESH VIDHYA VIDHANA PARISHAD	13	117
AWARENESS ON CYBER CRIMES	NSS - MTIET	17	119
30th ROAD SAFTEY PROGRAM	NSS - MTIET DTC, CHITTOOR	45	392
WOMENS DAY CELEBRATION	NSS - MTIET	21	81

PRIZE DISTRIBUTION FOR SPORTS ACTIVITIES	NSS - MTIET	5	41
IMPORTANCE OF YOGA	NSS - MTIET	7	71
AVOID USE OF PLASTIC	NSS - MTIET	5	122
View File			

3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
NIL	NIL	NIL	0
View File			

3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
JANMABHOOMI-SWACH ANDHRA PRADESH	NSS - MTIET	SWACHH BHARATH MISSION	12	90
UNNAT BHARAT ABHIYAN	UBA - MTIET	GRAMSABHA IN DANDUPALLI	10	44
UNNAT BHARAT ABHIYAN	UBA - MTIET	VILLAGE HOUSE HOLD SURVEY	15	88
View File				

3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
STUDENT EXCHANGE	K C MANIKANTA	Nill	06
View File			

3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
MOU	INTERNSHIPS	PAWAN EMPOWERS SOLUTIONS	07/02/2019	30/03/2019	BALINENI AKHIL
MOU	PROJECT WORK	THIN AIR INCUBATIONS	02/02/2019	23/03/2019	B.V.LAVANYA
View File					

3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
ILLONATI	05/04/2019	ACADEMIC PROJECTS	4
View File			

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
580.65	578.65

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
View File	

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
Libsoft	Fully	9.8	2010

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	28948	10200378	650	357971	29598	10558349
Journals	25	50595	25	54675	50	105270
e-Journals	Nill	Nill	2	90270	2	90270
View File						

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
M ROSHINI	DESIGN ANALYSIS OF ALGORITHM	http://www.mtieat.org	05/07/2018
View File			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	455	109	60	132	105	6	43	300	0
Added	0	0	0	0	0	0	0	0	0
Total	455	109	60	132	105	6	43	300	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

300 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
DESIGN ANALYSIS OF ALGORITHM	http://www.mtieat.org

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
134.01	133.91	135.15	134.05

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

Response: 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. Administrative Officer looks after 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 staff are employed to meticulously maintain cleanliness of infrastructure to provide a congenial learning environment. Dustbins are placed in every room. The campus maintenance is monitored through surveillance cameras. The green cover of the campus is well maintained. Laboratory: The laboratories are well maintained, lab in-charge and staff in-charge are taking care of maintenance works and well established procedure is available for service and maintenance of lab equipment. Periodical verification for the equipment is carried out. The minor repair/service will be done by the technical staff with lab in-charges and the major service requests will be forwarded to the Principal through Head of the Departments. The maintenance department, find out the suitable service personal for rectification. Annually stock verification of all the laboratories and other facilities are carried out. The computer laboratories are supported with power backup system. A monthly status of hardware and software are maintained in the register. Library

maintenance: The Central Library of the institute is stacked with thousands of books and periodicals. These are arranged neatly in the prescribed order. Pest control is being done regularly. Established procedures in Library are: • All the staff and students of the Institution are eligible to get library membership. • Staff and students of the Institution need to fill up library membership form with the certification of the authorities. After becoming member, books are issued to staff and students. • The students and staff can use the borrowed book(s) till the end of the semester. • The students must renew the book for every fortnight. Late return of the book will be imposed with fine. • Valid ID card is a must for utilizing library services. Reference books, periodicals and journals will not be issued. • Staff and students can use digital library for their academic and research purpose. • Annual stock verification is being carried out regularly. Book purchase procedure • Librarian will call for books and journals requirement from various departments. • After getting approval from the Principal and Management the books will be purchased. Physical Education Department: • To motivate sports and games activities among student community and to create bonhomie, department of Physical Education has been encouraging and promoting these activities for students and staff in the college. • The Management, Principal, HODs and Faculty members extend support for organizing the tournaments and other sports activities from time to time.

https://mtieat.org/naac/AQAR/4.4.2%20v1.pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Management scholarships	1415	11318700
Financial Support from Other Sources			
a) National	Vidya Deevena (Govt Fee)	1191	50604900
b)International	Nill	Nill	Nill
View File			

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Training on Reasoning Part-I	13/06/2018	1579	MTIEAT
Yoga	21/06/2019	98	MTIEAT
View File			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed

| 2018 | Career counselling | Nill | 1438 | Nill | Nill |
| 2019 | Competitive Exams (GATE) | 248 | Nill | 10 | 335 |

View File

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
1	1	4

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
HGS	69	26	TECH MAHINDRA	92	27

View File

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2018	1	MTIET	EEE	KEC	PE

View File

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
Any Other	1

View File

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Sports/ Games	Institution level	158
Cultural	Institution level	37

View File

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student

| 2018 | State | National | 1 | Nill | 16HR1A0501 | A. Manohar |

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

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. The institute has formed the following academic and administrative bodies with student representatives. • Anti-ragging committee • Grievances Redressal Cell • Sports and Games committee • Cultural Activates committee • NSS-MTIET • College Calendar and Magazine committee • Women Empowerment Cell The students are actively involved in organizing and executing the following activities. ? Tech fest ? Extension activates ? 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 Representatives to bridge between students and staff • Co-Curricular activities: Participation of students in co-curricular activities is essential for their holistic development. Co curricular activates like painting, photography, music, debates, group discussions, etc., are arranged for active involvement of students. Extra-Curricular activities: 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 their 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. The achievements of MTIET students are.. • M. Sai Phaneendra has been awarded with Merit Certificate from JNTUA South Zone Chess Tournament held on 01/04/2022. • M. Sai Phaneendra has been awarded with Merit Certificate from JNTUA Chess Intercollege Tournament and IUC selections held on 27/12/2021. • G. Dileep Krishna of CSE has been awarded with Merit Certificate in All India(South Zone) Inter University Cricket held on 26/11/2019. • V. Dhanesh of ECE has been felicitated with Merit Certificate in All India (South Zone) Inter University Volleyball held on 26/11/2019. • Inter-departmental sports and games are organized and prizes are given on the Annual Sports Day. • Students are encouraged to participate in inter-collegiate, inter university competitions and special coaching is given. • Special talents of such students are identified and trained for participating in zonal and state level competitions. • Sports uniform and accessories are provided to sports personnel.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

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. MTIET Facebook page, department Watsup, Instagram, Twitter, group mail ids, etc. are available to connect with the alumni and conduct face to face alumni interaction programs. 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 encourage the staff and students of the Institute to take up the Research Development activities in various fields of Engineering. • To mentor the students towards higher education, development of character and personality to become responsible citizens. • To provide scholarships for deserving students. • 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 extra-curricular activities. • To organize debates, seminars, and discussions on various social issues. • To help towards environmental conservation and eco balance PPTs, street play, demos, pamphlets and all possible ways are being used. • To help victims and victim areas of natural calamity and disasters like earth quakes, flood, storms, malnutrition, fire accidents etc., . • To help and guide students and ex-students of the Institute for anti-drug, anti-ragging, and any other anti-social activities. • To publish books, periodicals of public interest. • To arrange blood donation, eye donation and health awareness Camps. Contributions of Alumni: Alumni interacted with the respective HoDs and give them information regarding current trends and practices in the industries in which they work, so that suitable modifications may be done by the staff in the delivery of curriculum and also necessary infrastructure has been developed by the management. • Alumni also 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. • Help the department to identify the industries for students to undergo in-plant training, Internships, etc. • Helped to visit various industries where they are employed to undergo practical exposure. • Donated books to the Department library • Acted as ambassadors of the college, resulting in the cream of the area were opted the Institute for their studies. • Feedback on program outcomes to enhance teaching/learning process of the parent Department. By all the activities, Alumni Association contributing a lot in achieving the VISION of the institute.

5.4.2 – No. of enrolled Alumni:

359

5.4.3 – Alumni contribution during the year (in Rupees) :

157500

5.4.4 – Meetings/activities organized by Alumni Association :

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. MTIET Facebook page, department Watsup, Instagram, Twitter, group mail ids, etc. are available to connect with the alumni and conduct face to face alumni interaction programs. 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 encourage the staff and students of the Institute to take up the Research Development activities in various fields of Engineering. • 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. ALUMNI MEET - 25.11.2018

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

Response 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 implement strategic plan and ensures that every teaching and non teaching staff have active involvement in the development of students. The stake holders are Students: • Students feedback is considered to introduce innovative teaching and learning methodologies. • Students input will help to introduce the elective courses to meet current trends. Alumni: • Alumni are the focused group, because their success is a measure of the long-term success of our Institute and programmes. • Alumni feedback helps to the students to meet recent trends in engineering. Industry: • Industry feedback is necessary to meet the gaps in curriculum between program and industry. • Students are trained for not only technical roles but improvement of leadership qualities also. • Eminent Personnel from Industry are invited to conduct workshops, hands on training to create awareness on emerging technologies among the students and faculty. Faculty: • Faculty members involve in various committees to ensure the smooth functioning and monitoring of the program as per regulations. • Faculty members provide inputs for effective implementation of PEOs, POs, COs and its assessment. Management: Management encourages coordination among all the stake holders of the institute for smooth functioning and growth of the institution. Parents: Desire their wards to settle in good professional careers and pursue higher education It is made mandatory to establish various committees for effective implementation of institutional practices so as to encourage majority staff members to achieve the targets of the institution. The following committees are constituted : • Governing Body • Governing Council • IQAC • College Academic Committee • Training and Placement cell • Examination Cell • R D Cell • NSS-MTIET Unit • Employee Welfare Committee • Library Committee • Anti-Ragging committee • Grievance Redressal cell • Student Discipline Committee • Extracurricular Activities Committee • Extension Activities Committee • Women Empowerment Cell • SC/ST Committee • Career Guidance Cell • Finance Committee • Alumni Committee(MAA)

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Curriculum Development	Our institute affiliated to Jawaharlal Nehru Technological University Anantapur, Anatapuramu, it abides by the changes in curriculum prescribed by the University.
Teaching and Learning	• Experienced Faculty. • Subject allotment based on faculty expertise and choice. • Establishment of the

	lesson plan for every subject well before the commencement of each semester inline wih university academic calendar. • Tutorial classes for interactive learning. • Identification of Slow and Advanced learners and initiating necessary action. • Organizing student seminars, conferences, workshops and guest lectures on recent trends and developments in respective subjects. • Skill Development Courses to make students industry ready • Campus recruitment training for better placements. • Conducting Internships drives for students to makes them industrial exposure • Value added courses and Add-on courses for overall development of students. • Organizing GATE and other competitive exams coaching classes • Encouraging self-learning. • Digital library with e-journals, NPTEL video lectures.
Examination and Evaluation	• As an affiliated college, follows affiliated University, JNTUA examination schedules. • Two internal exams and one University exam will be conducted for each theory subject for 70 and 30 marks each. • The Institute designed the question paper for internal assessment in line with university norms. • Timely assessment of tests is done and the result is displayed in notice boards. • The faculty contributes in the examination work like question paper setting, invigilation of theory examination, evaluation of answer scripts, internal examiner and subject experts for the University examinations assessment of theory examinations' answer books. • End Theory examination and practical examinations are conducted as per University schedule and norms.
Research and Development	• Research and Development Cell is formed to promote Research and Development in the institute. • The cell includes faculty, academicians and researchers. The cell meets regularly and delivers guidelines for quality improvement in R and D. • The institute motivates the faculty to undertake research projects in AICTE. • The institute motivates the faculty to undertake research activities through doctoral Programmes. • Providing incentives for publishing research

	papers in referred journals with impact factor. • Getting recognition for department research centers from Parent University. • Providing seed money and In house funding for Research activities. • Deputation of faculty to participate in workshops, seminars • Financial Support for patent filing. • Continuous upgradation of labs with the latest equipment and software to meet research needs • Financial support to the students for executing Industry standard projects
Library, ICT and Physical Infrastructure / Instrumentation	E-journals institutional login enables the faculty and students for their academic and research works. New books/journals are purchased every year to update the library. Each Department has own Library facility that includes text books, project and research papers published. • Physical Infrastructure: Physical infrastructure is increased to meet the demand of recent trends, new regulation and increase of intake. All the class rooms are equipped with LCD Projectors. Seminar Halls with seating capacity of 200 are available.
Human Resource Management	The college has excellent human resource management strategies. • Recruitment of faculty and staff is carried out as per AICTE norms • The recruitment procedures are well defined • HR Policy Document of the College is available on the website and it is ensured that all the faculty are aware of rules and regulations • Teaching and Non-Teaching posts are filled as per requirement • The recruitment is approved by the governing body • Faculty Recruited through local selection committee will be ratified by the University • The grievance cell addresses issues for both staff and students. • Salaries are paid through Bank for all the staff • Orientation programs / training are conducted for newly recruited faculty. • Quality enhancement measures are taken by deputing faculty to FDPs/STTPs • Collecting online feedback and counseling/ Mentoring on regular basis.
Industry Interaction / Collaboration	The institute facilitates exposure of industrial atmosphere to students through industrial visits. • The collaboration is focused on industrial training, curriculum development, technical workshops and expert

	lectures. • Students are deputed for Internship the concerned Industries
Admission of Students	• Admission Procedure: Admissions are made into the first year of four year B.Tech. Degree Program as per the stipulations of APSCHE. (a) Category A seats are filled by the Convener, EAMCET. (b) Category B seats are filled by the Management. Admission into the Second year of B. Tech. Degree Program in Engineering Eligibility: • A student seeking admission under lateral entry into the II year I semester B. Tech. Degree Program should have passed the qualifying exam and based on the rank secured by the student at Engineering Common Entrance Test in accordance with the instructions received from the Convener, ECET and Government of Andhra Pradesh. • Admission Procedure: Admissions are made into the II year of four year B. Tech degree Program through Convener, ECET, each Program of study under lateral entry scheme.

6.2.2 – Implementation of e-governance in areas of operations:

E-governace area	Details
Student Admission and Support	• Staffs will support and guide the students during admission. • They also guide the students properly make them to apply for Fee Reimbursement schemes, scholarships etc. • Career counseling and placements training are initiated to the student by Training development department which makes them to grab the opportunity to place in various IT and as well non IT companies. E-CAP Features: • Academic Register • Day Attendance Reports • Class Attendance • Time Tables • Parents Correspondences • Students List • Feedbacks • Lesson Plan • Internal Marks Data
Examination	• Initiated online dissemination of information regarding invigilation duties. • Encouraging the students to pay the examinations fee through online mode.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support

2019	Dr.K. Jonah Philliph	A One Day Work Shop on Teachers - Authorities and Colleagues	Nill	400
2018	G.Ganesh Babu	Workshop on Skill Development and Entrepreneurship Development	Nill	500
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	A Six Day National Workshop On Primevera Software	Nill	08/10/2018	13/10/2018	9	Nill
2018	Faculty Development on NAAC awareness	Nill	03/11/2018	03/11/2018	72	Nill
2018	A National Level Workshop on Python Programming	Nill	03/10/2018	06/10/2018	28	Nill
2018	A One Day National Level Workshop on Scientific Injection Moulding Process with Plastic Material	Nill	29/09/2018	29/09/2018	11	Nill
2019	A Five Day Profes sional Dev	Nill	22/01/2019	Nill	24	Nill

2019	elopment Program On Hands On Training On Robotics					
2019	A Five Day Professional Development Program on Advanced VLSI design using Cadence Tool	Nill	22/02/2019	26/02/2019	16	Nill
2018	A Four Day Professional Development Program On Training On 3D Printing	Nill	07/09/2018	10/09/2018	9	Nill
2019	Nill	A Three Day Professional Development Program on Networks of Computer Systems	15/03/2019	17/03/2019	Nill	7
2018	Nill	A Three Day Professional Development Program On CPU Assemble Training	05/07/2018	07/07/2018	Nill	10
2019	Nill	A One Day Training Programme on Fire Safety for all Non-Teaching members	21/04/2019	21/04/2019	Nill	5
			[View File](#)			

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
A Six Day National Workshop On Primevera Software	9	08/10/2018	13/10/2018	30
Faculty Development on NAAC awareness	72	03/11/2018	03/11/2018	6
A National Level Workshop on Python Programming	28	03/10/2018	06/10/2018	24
A One Day National Level Workshop on Scientific Injection Moulding Process with Plastic Material	11	29/09/2018	29/09/2018	6
A Five Day Professional Development Program On Hands On Training On Robotics	24	22/01/2019	26/01/2019	30
A Five Day Professional Development Program on Advanced VLSI design using Cadence Tool	16	22/02/2019	26/02/2019	30
A Four Day Professional Development Program On Training On 3D Printing	9	07/09/2018	10/09/2019	24
		View File		

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
105	105	15	15

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
105	15	1588

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

The College has a well developed accounting and audit system. The books of accounts and the records are maintained to meet the needs of the Government as well as the Management. There is a separate Accounting Department headed by a qualified Accounts officer. Under his control office assistants are working. They look after the work relating to Fee Collection, Examination accounts, Stores and Grants in Aid. Suitable accounting software is used for effective maintenance of accounts. The budget approval is given based on the proposals given by the individual departments. The comprehensive budget proposal is submitted to the Governing Council for review and approval. Audit is carried out by the Chartered Accountants at the end of every financial year. The college has both Internal and External audit system. For the purpose of maintaining the accounts of the College, books like (a) Admission Register (b) Cash Book (c) Stock Register (d) Aquittance Register (e) Supporting Registers and Records. To ensure accuracy of accounting records there is a system of Internal Audit and External Financial Audit. The College follows the Government Financial Rules (GFR) which is applicable for an educational institution. 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 forth coming Year. External Audit: The External Audit is done by the external auditors of the Institution. Annual external audit is conducted by them and the reports ratified by the Finance Committee and Governing Council are submitted to the Management. The last 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.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
NIL	0	NA

View File

6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	AITS, SVCE, SVEC	Yes	MTIET
Administrative	Yes	AITS, SVCE, SVEC	Yes	MTIET

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

* Parents are invited to meet the course instructors in order to know their ward's performance • Parents can also meet the mentors/HODs to know the all round performance of their ward • Every year a meeting between Parent and Teacher would be held which facilitates discussion of student progress like academic progress and performance in examinations, etc. • Further the Parent Teacher meeting paves way for suggestions to improve the performance of student

6.5.3 – Development programmes for support staff (at least three)

* A Three Day Professional Development Program on Networks of Computer Systems • A Three Day Professional Development Program On CPU Assemble Training • A One Day Training Programme on Fire Safety for all Non-Teaching members

6.5.4 – Post Accreditation initiative(s) (mention at least three)

* Strengthening of Alumni Interaction Registration of Alumni Association. • Organizing more skill development Programmes for students. • Concentrating more on RD activities

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	Yes
d)NBA or any other quality audit	No

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	A Oneday Workshop On Accreditation Assessment Processes	23/01/2019	23/01/2019	23/01/2019	49
2018	A Oneday Workshop On Implementation Of Bloom's Taxonomy	10/09/2018	10/09/2018	10/09/2018	50

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
INTERNATIONAL WOMENS DAY	08/03/2019	08/03/2019	150	5
YOGA DAY	21/06/2019	21/06/2019	120	10
PROFESSIONAL DEVELOPMENT OF	19/09/2018	19/09/2018	200	30

WOMEN				
ENLIGHTEN POSITION OF WOMEN	18/10/2018	18/10/2018	180	20
AWARENESS PROGRAM ON VALUES, RIGHTS AND RESPONSIBILITIES OF CITIZENS	23/01/2019	23/01/2019	140	30

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
At MTIET a grid interactive Solar PV Power plant rated 300 KWP is functional. This renewable energy generation supplements day to day energy requirements of the college.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	0
Provision for lift	Yes	0
Ramp/Rails	Yes	1020
Braille Software/facilities	Yes	0
Rest Rooms	Yes	808
Scribes for examination	Yes	12

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	1	Nill	26/07/2018	1	Awareness programme on drug addiction	1	220
				View File			

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Human Values and Professional Ethics Code of conduct	07/02/2016	Conducted awareness programmes on Human Values and Professional Ethics Code of conduct

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants

Awareness on Indian Constitution day	26/01/2019	26/01/2019	200

View File

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Energy conservation: •The institute conducts its own in-house awareness programmes and adopts measures to ensure that the energy is conserved wherever possible •Every department follows a policy of switching on power only when required and switching off when not in use. •The buildings of the institution are designed to allow for the maximum use of natural lighting for use during the day. •Tube lights and LEDs instead of the conventional bulbs sparingly only in places where natural light is not sufficient enough. •All the constructed have electrical installations that are designed to conserve energy. •Almost all the computer monitors in use are either LCD or TFT types to ensure minimum usage of electricity and also to reduce the level of radiation. Water conservation and water harvesting: •To increase the ground water level, the college maintains good drainage system that makes the rain water effectively diverted into sink pits. Energy Conservation: •All the equipment in the labs undergo service periodically to reduce excessive consumption of power. •Class room power consumption is monitored with the help of Student Representatives. •Lighting with CFL LED lights is introduced in the Institute. Use of renewable energy: •The college management is examining the proposal of utilizing the solar power as a non-conventional source of energy in a phased manner. •Solar heaters are being used in the boys and girls hostels. Efforts for Carbon neutrality: The college management has taken required measures to prevent the emission of carbon dioxide in the campus by the following means. •By creating extensive garden facilities. •By creating a pollution free environment through monitoring that staff and visitors vehicles are parked outside the college gate. •Waste material, papers, old tires are not allowed to be burnt in the campus. Plantation: •Tree plantation programmes are organized to ensure clean and green campus. •Awareness programmes on Environmental Pollution and Bio-diversity etc. are periodically conducted. •Plants, because of their beauty, are important elements of in human life. The entire campus has landscaping with green grass, plants, and shady trees making the campus very green and beautiful. •The Institution has green and pollution-free atmosphere which has been encouraging to a good educational ambiance. Hazardous waste management: •No hazardous waste is produced within the campus. •Chemical waste is disposed according to prescribed norms. E-waste management: •Some of the e-waste generated is used for educating the students by displaying various components of the system. •Outdated but functioning computer systems are kept for display. •The remaining scrap is safely disposed. •Good quality but low configuration computers are donated to local schools in nearby rural areas for imparting technical education for school level.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Title: Students Mentoring System. Objective of the Practice: The goal of the Mentoring System is to establish a trusting relationship with accountability and responsibility from the mentor and mentee. The focus of Mentoring System is on the rehabilitative needs of the students using a continuum of care creating a growing, healthy relationship. The Context: • The Mentoring System coordinated by Mother Theresa Institute of Engineering Technology is to build student assets to address issues such as learning skills for success, behaviour, attendance and problem solving or conflict management. • Mentors (Staff) help students to improve their skills, attitudes and resources

necessary to succeed, both in the college environment as well as to pursue productive and satisfying lives. Respect for diversity and a commitment to students' personal growth to achieve employment are the guiding principles in the work we do. The Staff interacts with their allotted students regularly and finds out his/her progress in their academic activities such as: • Whether the student attends the class regularly and maintains the minimum attendance as per the University regulations. • Whether the student is able to cope up with the Academic classes. • Whether the student is attending the Internal Examinations such as MID-I and MID-II / Unit test conducted after completion of each Unit. In case if a student was absent or secured low percentage in internal evaluation, the mentor motivates the students by identifying his weakness. • If a student is found inactive in his/her academic performance, the mentor (faculty) motivates the students by aim at their goal and ambitions. Even the Mentor (faculty) tries to resolve any of their family issues when the student • to found dull or shares with the mentor such as immediate financial support for Examination fee and any other. • If a student is found violating the college rules or with bad conduct, the mentor guides him/her into a proper direction by motivation with the past experiences. • The mentor motivates the student to take active participating in college events such as- Paper Presentation, Seminars, Workshops and Project Expo both in and out the campus. • The mentor (faculty) suggests the student to undergo any value added courses or certifications which boots their weight age in Placement activities. • The mentor maintains a record of student External examination performance and suggests the students to attend the remedial classes organised by the department if they have got any backlog subjects. Lady faculties takes special care on the female gender students regarding the health issues and if any problems in the campus. Evidence of Success: The Remedial Classes have been institutionalized after the implementation of the Mentoring System. Need-Based remedial classes have proved to be beneficial to the students in particular and the entire college in general. The institutional practice of Mentoring System has considerably enhanced the campus environment and brought about: • Improvement in students' attendance records. • Minimised student drop-out rates (apparently due to Mentors' intervention before a student falls short of attendance or has been regularly abstaining from classes). • Identification of slow learners for conducting Remedial Classes. • Advanced learners were identified and encouraged with additional value-added courses or certifications. Problems Encountered and Resources Required: Even though Students Mentoring System is implemented successfully now but had its hard times in its initial days. • Initially few the mentors (faculty) were not able to have to proper wrap-up/bonding with the students which made them to distract from their mentoring procedures/policies. This was overcome by organising few Faculty Development Programs such as "Ethics of Teaching profession" by our higher authorities (Principal Academic Director)and few guests from University authorities. • As the mentors (faculty) were asked to monitor a mentee (students) till the end of courses, it was difficult to track the students details without a proper record maintenance. Hence, we have introduced a unique Counselling Register and ECAP logins for each individual (mentee) which holds the complete records of the student. With this even if a mentor is not available for a certain period, the student can be transferred to other mentor to take his/her (mentee/student) responsibility along with his/her complete record. Title: The 5 Minutes Student Seminar. Objective of the Practice: • To provide an opportunity for students to learn communication skills in the aspects of teaching. • Make students to participate in activities that improve their awareness on career and their individual career goals. • To create an environment in classroom that encourages the communication based on academics approach to learning. • To promote students in positive attitudes and skills towards learning knowledge. • To bring awareness among students regarding information gathering. • Make students to explore and mine text. Outcomes of

the Practice: • Students feel that seminars will make every student to be on an even ground. • Shy Students are given place to speak out. • Students gain clear understanding on subject concepts. • Students get exposed to the information that is not discussed in classroom environment. The Context: This practice is implemented to have face-to- face exposure among the students. Some of the challenging issues addressed are: • How much percentage does a student contribute effectively? • What does the concept exactly convey/explain? • Why is the concept important? • Students need to compete with others in delivering their content. • Health issues can be another challenge to face. • Students need to overcome the pressure when they are assigned with a task. The Practice: In, The 5 Minutes Student Seminar, every student is responsible for exploring the concepts of academics among the other students in the class for 5 Minutes of each subject and the topic is from that particular subject but not regarding general topics or technical topics. Faculties of concerned subject, assigns one student for seminar and the day before the seminar, topic is assigned to the student by the faculty. The topic whichever is being taught by the faculty on that day, that topic is assigned to the students. Every day, for each subject seminar the assigned student will be doing the role of teacher and remaining students acts as observers during the seminar. Based on the topic assigned to the student, the student comes prepared by collecting/ gathering/ mining information from different sources. Students come with thorough preparation as because faculty teaches that concerned seminar topic of the day in the class to every student. Students can deliver the prepared content only for 5 minutes or at most 7 minutes, and remaining students of the class are not encouraged to ask questions to the student who is giving the seminar, as the practise is only meant for the student to bring positive attitude towards communication skill development and making a habit of self-preparation. Faculty continues to teach the same topic or concept to every student after the completion of student seminar and now the students are encouraged and allowed to ask their queries and get clarified from the faculty. Finally the concerned subject faculty makes sure that every student is covered in giving seminar. This practice is monitored everyday by the Department Heads, Principal and feedback regarding the practice is taken from the students by Department Heads and Principal. Evidence of Success: College wants students to study actively from the starting of semester onwards, as learning takes place throughout course to prepare for final exam and we seek students to get enriched in learning by deepening them in reading process. The practice of making students read the concept before they arrive to the campus has given a positive motivation among students as they can perform well during their exams. These practices are new ways to effectively support students on their path to get graduated. As a result, the efforts to enhance a success in student career have been seen as fruitful. So classroom support services are offered to students with measurable benefits to both students who come from a wealthy or middle class or rural family's background with a better technology and understanding of how students can learn. Students are encouraged to take a level from traditional learning to smart learning by making them to graduate sooner in a smarter way. Problems Encountered and Resources Required: Some the Problems encountered are, • Students of I II years will not have too much maturity to interact or deliver the content. • Some students have dominating behaviour, some are highly reactive in interacting and this leads to unnecessary problems. • Students who did not understand the concept will not be able to perform up to the mark. Resources Required: • When this practise was started students felt couldn't express their seminar in an effective way as projectors were required, and now projectors are installed in every class room where students feel convenient to give seminar. • Providing of Internet facility was not up to the mark for hostel students so college has increased the bandwidth of internet where hostel students can access internet facility for their preparation after college hours.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
https://mtieat.org/naac/c7/7.2/REPORT.pdf

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

We have always aspired to be distinctive using a variety of aspects such as interdisciplinary research, motivating startups, innovative teaching pedagogy, value based education, empowering society through introducing projects and motivating entrepreneurship. MTIET allows the student to learn by making connections between ideas and concepts across different disciplinary boundaries. Students learning in this way are able to apply the knowledge gained in one discipline to another different discipline as a way to deepen the learning experience. The most effective approach to interdisciplinary study enables students to build their own interdisciplinary pathway between the courses offered in their respective semesters. A carefully facilitated induction programme in the first year ensures that students are educated on the benefits of interdisciplinary studies in the first year itself. MTIET strongly believes that technical education institutes play an imperative role in shaping society. Innovative Teaching Pedagogy MTIET has adopted innovative teaching pedagogy using ICT based Classrooms to help teachers in delivering the concept better, and produce more meaningful learning experiences by using audio/visual aids from various sources. • Group Classroom Experiments, • Role Plays, • Projects and Models, • Interactive Lectures, • Questioning, • Comprehensive and Continuous Assessment Societal Consciousness Social awareness and consciousness serve as a precursor to social movement. Educational institutions build moral essence and ethical values to produce socially desirable behavior, personality and character which promote innovation, peace, equal opportunities and justification among individuals, society and nation.

Provide the weblink of the institution
https://mtieat.org/naac/c7/Report.pdf

8.Future Plans of Actions for 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