YEARLY STATUS REPORT - 2020-2021

Part A	
Data of the Institution	
1.Name of the Institution	Mother Teresa Institute of Science and Technology
• Name of the Head of the institution	Dr. C. HARI KRISHNA
• Designation	PRINCIPAL
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	9866234123
• Mobile no	9505518234
• Registered e-mail	principal@mistech.ac.in
• Alternate e-mail	info@mistech.ac.in
• Address	sanketika nagar, kothuru (village)
• City/Town	sathupally
• State/UT	telangana
• Pin Code	507303
2.Institutional status	
• Affiliated /Constituent	Affiliated
• Type of Institution	Co-education
• Location	Rural

• Financial Status	**Self-financing**
• Name of the Affiliating University	**Jawaharlal Nehru Technological University Hyderabad**
• Name of the IQAC Coordinator	**Dr. M VENKATESWARA REDDY**
• Phone No.	**9010761321**
• Alternate phone No.	**9866234123**
• Mobile	**9010761321**
• IQAC e-mail address	**venkateswararreddym@mistech.ac.in**
• Alternate Email address	**mandapati.chemist@gmail.com**
3.Website address (Web link of the AQAR (Previous Academic Year)	https://www.mistech.ac.in/AQAR.html
4.Whether Academic Calendar prepared during the year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	https://www.mistech.ac.in/dept_ece.html

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**B**	**2.16**	**2017**	**09/06/2017**	**08/06/2022**

6.Date of Establishment of IQAC	**10/02/2016**

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

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Nil	**Nil**	**Nil**	**Nil**	**Nil**

8.Whether composition of IQAC as per latest NAAC guidelines	**Yes**
• Upload latest notification of formation of IQAC	View File

9.No. of IQAC meetings held during the year	02	
• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?	Yes	
• If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded	
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No	
• If yes, mention the amount		

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

Significant contributions made by IQAC during the current year 2019 20 1. One day workshop on Real Time Routing Concepts, Error Methods in Computer Networks, by Dr. G. Madhu, Prof. VNR VJIET, Hyderabad on 18-08-2020. 2. A one-day Webinar on "Man Excursion to the Infinite Space" by RVLN Sridhar, Scientist, ISRO on 19/12/2020. 3. Conducted CRT, Project workshop for students, Students specific training by Invictus Engineers, Hyderabad on 06/10/2020. 4. Conducted on Internships & Training by Purple Techno Solutions, Vijayawada on 12/09/2020. 5. Conducted Students specific training Industrial visits, Project workshop for students by SAK Informatics, Hyderabad on 06/01/2021. 6. Blood donation camp was organized for students and staff on 22/10/2020. 7. Remedial coaching classes conducted for the slow learners during the semester. 8. MOU's with Academic Institutions and industry were made. 9. Student feedback of faculty teaching and facilities was completed by the student before the end of the semester. 10. National festivals like Independence Day, Republic Day were celebrated. 11. International Women's Day, Environment Day, Yoga Day, Teacher's Day was observed. 12. Training programs were organized for nonteaching staff to improve their technical skills such as word, excel etc. 13. Placement training, soft skills training for students were organized. 14. Student Development Program for Entrepreneurship. 15. Other activities were conducted through the department clubs, including department newsletter.

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

Plan of Action	Achievements/Outcomes
Orientation programme on ICT enabled teaching learning Process.	The newly recruited staff was trained on various ICT tools used for effective teaching learning process.
Orientation programme on Academic Staff Appraisal Process (ASAP).	All the staff were benifitted
To conduct the Internal Assessment Tests as per the calendar	Internal Assessment Tests have been conducted as scheduled.
The students to be trained for communication and job skills	The students were trained for communication and job skills
Certificate Programs For Students	certification programs were conducted by Cisco and TASK

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

- Name of the statutory body

Name	Date of meeting(s)
MANAGEMENT	19/09/2020

14.Whether institutional data submitted to AISHE

Year	Date of Submission
YES	28/11/2022

15.Multidisciplinary / interdisciplinary

1.Mother Teresa Institute of Science and Technology(MIST) has seven departments and hence fully prepared and geared up for offering a complete multidisciplinary and Interdisciplinary experience to its learners. The college is affliated to JNTU hyderabad under which the existing Under Graduate (UG) students of different programs are being involved in Student Research Projects of inter and multidisciplinary nature at UG Level amongst faculties and students. The various departments of the college already offer elective papers to students from other departments as part of their curriculum.

2. MIST a constituent College of JNTU University of Hyderabad completely adheres to and follows the course structure and curriculum as approved by the University. Thus the college will implement in letter and spirit the curriculum and course structure as formulated by the University as per NEP. The college has necessary expertise to implement the curricula linkages and integration between Humanities and Social Sciences.

3. The College will implement and provide courses involving flexible and innovative curricula as per the list approved by the University. The college boasts of a very active and vibrant NSS club and is also a recipient of the Unnat Bharat Abhiyaan Scheme under which the college has adopted 3 villages of Sathupally. Through these initiatives the college is already involved in community engagement and service, environmental education and value based education.

4. The college will adhere to the 4 year curriculum framework with multiple entries and exits as provided by the University. The college already has a well established framework for offering elective courses in which student strength varies every year, hence is completely prepared for this concept of multiple entries and exits.

5. The college main objective is to foster interdisciplinary research at UG level and an objective of encouraging and supporting inter and multidisciplinary research at UG level and also fulfill the objective of NEP 2020

16.Academic bank of credits (ABC):

1.Mother Teresa Institute of Science and Technology(MIST), affliated to JNTU hyderabad and completely adheres to the curriculum framework and syllabi as approved by the University from time to time. The College is completely prepared to implement Academic Bank of Credits framework as approved by the University. The college already has student management system (ERP) in place where all student details including their internal assessment, attendance, continuous internal evaluation and examination related details are entered and the same is then synced with the University student portal so that there is a seamless flow and access of all student related data between the college and the University. Thus as and when the University adopts the ABC, the College has all necessary infrastructure in place to implement it.

2. Further the college already offers elective course where students chooses which courses they want to opt so college will be able to adapt to the multiple entry, exists and collaborations with other college, University and international institutions regarding the same.

3. The faculty of the college have completely migrated to the blended mode of teaching-learning pedagogy where the faculty provide tailormade solution to their students and have completely implemented the leaner-centric approach. Faculty not only provide relevant online and offline resources to the students but also develop and deliver content whenever there are gaps in the understanding of students in addition to regular classroom teaching-learning. The faculty of the college are constantly engaged in the creation of online content including text material, instructional videos, demonstrational videos, of latest experiments, workshops and remedial and tutorial sessions to help the students achieve their optional best.

17.Skill development:

1. The college offers its students elective skill Enhancement courses as per their aptitude, curriculum and which are best suited to their needs. In addition to these course, the college also offers Generic elective courses which also aim to develop discipline related skills and hands-on approach. The college also offers language skills course and Environment Science course as part of the ability Enhancements courses.

2. The College also has tie up with different companies for on the Job training, industry training and internship of our students. The college has the necessary approval from UGC and tie-up with (TASK)Telangana Academy for Skill and Knowledge. The key focus at is to enhance employability quotient of young graduates in our state and enable them to choose multiple avenues as they graduate. TASK enables a collaboration platform between Government, Academia and Industry to enhance skilling, research and entrepreneurship among youth in Telangana.

Some of the key initiatives at TASK include

- Soft Skill development programs for Graduates
- Faculty Development Programs at colleges
- Initiatives that nurture product innovation among students & faculty in collaboration with JNTU and HYSEA
- Technology Entrepreneurship Program for students in

collaboration with ISB
- Technology Skilling Programs in collaboration with Oracle, Infosys, Google, IBM, Microsoft, Autodesk and SAP
- Rolling out programs in collaborations with IIIT – Hyderabad, NIT Warangal, IIT Hyderbad and BITS Pilani
- ESDM Scheme Implementation
- Coordination of Training Programs for Government Departments
- Finishing School
- E-Learning Programs

3. MIST has implemented the various shemes for faculties and students to nurture research at under graduate level and expose the students to the latest trends and skills in research and develop interdisciplinary approach and mindset amongst students.

4. The institution offers various course under different program of study which educate, sensitize and help develop a positive value based mindset and attitude amongst students.

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

1. The institute incorporated Essence of Indian Traditional Knowledge to teach the curriculum through which students are exposed to need and importance of protecting indian traditional knowledge related to science and engineering. Apart from this, students are sensitised in universal human values during the induction program.

2. The college constantly encourages its faculty to develop their skills in various areas by attending FDPs, NPTEL courses, seminars and conferences and also by organizing these for the benefit of all faculty from different institution across India. It is notable to mention that the college recently organized one day workshop by women empowerment cell on Modern Education and Life Values which intended to promote the NEP 2020.

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

1. The institute is committed to create, sustain and improve the learning process through total quality management and create itself a position in scientific and technological learning. The institute strives to attain these objectives through continuous improvement and team work. The priority and thrust area of the institute is to completely adopt the learning outcome based curriculum framework and will implement in letter and spirit the program structure and curriculum approved by JNTUH Hyderabad. The College has established

a robust and credible continuous evaluation and internal assessment system to constantly monitor the progess of all its students including their regularity. Based on this assessments the faculty plan their intervention to help the weak students and slow learners so that they can also cope up with the curriculum.

2. In order to create the best teaching-learning environment for its students the college has completely implemented the blended teaching-learning pedagogy. Though the blended approach the faculty constantly monitor whether the learning objectives and learning outcomes are being achieved or not and accordingly take necessary steps to ensure that all students gain the necessary expertise, knowledge skills and capabilities.

20.Distance education/online education:

1. The institute participated extensively in MOOC's through NPTEL courses since 2017. students and faculty are encouraged to complete various certification courses offered by SWAYAM, Coursera. students are offered flexibility to complete two elective courses through NPTEL. Students and staff are extensively trained in various courses through spoken tutorial. During the COVID-19 pandemic period, the institute adopted online education and implemented successfully with Microsoft Teams software.

2. The College has implemented Learning Management System and Student Management System across all its programs to ensure that not only our students are provided a completely online teaching learning environment but our faculty can also deliver all their courses in completely online format to students from outside the institution. The college is carrying out its teaching-learning process in blended mode where continuous monitoring and evaluation is done to ensure that faculty can do timely intervention so that students can understand and remove their weakness in a time bound manners. For this purpose the college has purchased license of Microsoft Teams to develop and deliver the entire teaching learning process in an online environment in addition to offline teaching and interaction.

Extended Profile

1.Programme

1.1   1121

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

File Description	Documents
Data Template	[View File](#)

2.Student

2.1   **836**

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.2   **255**

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

File Description	Documents
Data Template	[View File](#)

2.3   **149**

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	[View File](#)

3.Academic

3.1   **91**

Number of full time teachers during the year

File Description	Documents
Data Template	[View File](#)

3.2   **80**

Number of sanctioned posts during the year

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	**1121**

File Description	Documents
Data Template	[View File]()

2.Student

2.1 Number of students during the year	**836**

File Description	Documents
Institutional Data in Prescribed Format	[View File]()

2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	**255**

File Description	Documents
Data Template	[View File]()

2.3 Number of outgoing/ final year students during the year	**149**

File Description	Documents
Data Template	[View File]()

3.Academic

3.1 Number of full time teachers during the year	**91**

File Description	Documents
Data Template	[View File]()

3.2 Number of sanctioned posts during the year	80

File Description	Documents
Data Template	View File

4.Institution

4.1 Total number of Classrooms and Seminar halls	51
4.2 Total expenditure excluding salary during the year (INR in lakhs)	29.62
4.3 Total number of computers on campus for academic purposes	410

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 Institute has the systematic procedure for development, revision and implementation of effective curriculum of all the departments. The Primary objective of the institute is to create Techno-Managerial power for the global needs. The curriculum is designed carefully by addressing the recent technologies and the opportunities existing in regional and global level with all necessary fundamentals.

Factors for Curriculum Design:

The Curriculum is designed to ensure that the students have the required domain knowledge, skills and attitude and strive to create efficient human resource that global needs . The factors considered for design of curriculum are:

> **1. Assigned Syllabus of all programmes for UG & PG as per regulation (R-18) of JNTUH, Hyderabad**

2. **Academic calendar of particular session that given by JNTUH, Hyderabad**
3. **Model curriculum prescribed by AICTE,**
4. **The Program Specific Outcomes of professional bodies,**
5. **Suggestions by industry experts and alumni, subject expert, Institute academic board, academic board committee etc.**
6. **Departmental academic board**
7. **Timetable Committee**
8. **Senior Faculty Member**
9. **Co-curriculum committee member**
10. **The curriculum is then placed for further process with HOD meeting and findsolutions on subject allocation to particular faculty as per their previous records in such subject, timetable preparation, Cos & Pos preparation, and Lesson plan regarding etc.**

File Description	Documents
Upload relevant supporting document	**No File Uploaded**
Link for Additional information	https://www.mistech.ac.in/IQAC.html

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

MIST believes in imparting quality education through transparent and accountable process. Governing body (BOG), Academic Advisory Committee (AAC), Principal, Heads of the Department and Senior Faculty Members, are involved in the deliberations to evolve the activity calendar of the institution before the commencement of every semester. A detailed activity calendar is prepared for each semester, clearly mentioning various activities to be conducted, internal evaluation schedule and the tentative schedule of external examination holidays and vacation throughout the academic year. Activity calendar is drafted strictly abiding to the timelines of the Academic Calendar of the University.

Continuous Internal Evaluation (CIE):

Principal and HODs continuously monitor and ensure syllabus completion within the timelines of the academic calendar and conduct of CIE. Pattern of Internal Examination (theory & Laboratory), assignments, Group discussions, Seminar, Presentations, and Projects etc., are circulated well in advance to make student participation more effective. Accordingly, various

measures are taken to conduct Makeup Classes / Guest lectures / Add-on / Certificate / value Added / Bridge courses / workshops. Remedial sessions are conducted during zero hours. In addition, slip tests and pre-final exams are conducted to train the students for the university examination.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://www.mistech.ac.in/IQAC.html

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	B. Any 3 of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	No File Uploaded

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

13

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

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

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

9

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

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

376

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

1.3 - Curriculum Enrichment

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

All of the programmes at the institute have courses in their curriculum that deal with cross-cutting issues about gender, the environment, human values, and professional ethics. Mandatory and Humanities-Elective courses in undergraduate programmes deal with these cross-cutting issues, too. In the first year, there are courses called "Environmental science," and "English communication

lab". In the second year, there are courses like "Indian Constitution", Gender sensitization lab", and in the third year, there are courses such as "Business Economics and financial Analysis", "Intellectual property Rights" are mandatory. Similarly, in the final year of the curriculum, few courses like "Professional Practice law and Ethics", "Organizational behavior" and "Principals of Entrepreneurship" courses are allocated as open electives for meeting these cross cutting issues. It is clear that, in the past, the Engineering Education system was mostly based on skills. The value of education is the only thing that was missing. The current curriculum at the university includes a lot of different courses to help with that. These courses carry either one or two or no credit depending on the category.Awareness programs and events are organized on National and international days of importance.

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

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

165

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

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

165

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

1.4 - Feedback System

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

File Description	Documents
URL for stakeholder feedback report	https://www.mistech.ac.in/IQAC.html
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	**No File Uploaded**
Any additional information	View File

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

File Description	Documents
Upload any additional information	**No File Uploaded**
URL for feedback report	https://www.mistech.ac.in/IQAC.html

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

294

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

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

238

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

2.2 - Catering to Student Diversity

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

Response:

Mother Teresa Institute of Science and Technology believes in tailoring the teaching and learning processes to meet the needs of students as soon as they are admitted.

- **Advanced learners are guided by faculty to go for additional courses with self-learning like NPTEL, MOOCs etc.**
- **Provided with campus training classes and well as encourages them to participated on programs like advanced technologies like Python, AUDRINO, Revit, CATIA, ANSYS etc.**
- **Assisted in participation and presentation in national and international conferences/ seminars/workshops internship etc.**
- **Encouraged and guided to do their mini/major project works in applying advanced technologies.**
- **The advanced learners are permitted to take additional open & professional elective courses.**
- **Concentrate fully on job-oriented trainings to get better**

placements.

Catering the needs of slow learners:

- **Bridge courses in basic programming, mathematics, and communication skills are conducted for lateral entry students to fill the gap between diploma and engineering and to improve their confidence levels.**
- **Remedial classes/extra classes are conducted for slow learners by subject experts/senior faculty for clarifying their doubts in the specific subjects**
- **Counseling Sessions are conducted regularly by allotting an hour in the time-table allotting 10 to 15 students to a faculty member.**

File Description	Documents
Paste link for additional information	https://www.mistech.ac.in/IQAC.html
Upload any additional information	**No File Uploaded**

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

Number of Students	Number of Teachers
1107	**100**

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

Mother Teresa Institute of Science and Technology offers an ideal platform for students to gain the most up-to-date skills, information, attitudes, and values in order to properly shape their conduct. All departments run unique programmes that encourage students' creative abilities, offer them with a platform to develop their problem-solving skills, and promote active learning.

Experiential Learning

Ø Laboratory Sessions are conducted with content beyond syllabus experiments.

Ø Summer Internship -Students get hands on training while working in the company.

Ø Add-on Courses on latest technologies with NPTEL, SWAYAM, MOOCs etc.

Ø Certification Courses (Value Added Courses) by the market experts such as TASK/ CISCO/ CODETANTRA/SAKINFORMATICS etc. to develop their expertise

Participative Learning

Ø Bi-Annual Tech Fest – It is organized for engineering students where selected projects are displayed at the larger platform

ØØ Regular Quizzes- Quizzes are organized for student participation at intra or inter college level.

Problem-Solving Learning

- ○ Real time/industry/society problems are given as group tasks which include analysis, design and will be further continued as mini/major project.
- ○ Hands-on training programs in every semester, training activities covering advanced courses, industry/latest trends are held for students to explore and practice on current technologies.

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional information	https://www.mistech.ac.in/IQAC.html

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

Response:

Information and Communication Technologies enabled tools act as catalyst in enhancing teaching and learning process. Keeping abreast with time, the institute does encourage such usages by

faculty members by providing LAPTOPs/ LCD equipped classrooms and Microsoft Office 365 licensed apps as well as necessary training through internal / external resources.The institute has a wellequipped central library at and has 35636 books with 8122 titles, 2233 bounded e journals and 34 periodicals. In the institute, dedicated labs are available in all the departments.

During pandemic, the Institution has shifted to online learning education through different platforms for example: - MS Team. Course files which include lesson plan, quizzes, question bank, previous year question paper, assignments, lecture notes. The following are the regular ICT methods used by the faculty in our institute:

1. Power Point presentations- Faculties are encouraged to use power-point presentations in their teaching by using LCD's and projectors.
2. Industry Connect
3. Online quiz- Faculties prepare online quiz for students after the completion of each unit with the help of Microsoft quiz.
4. Video Conferencing- Students are counseled with the help of Microsoft team applications.
5. Video lecture- Recording of video lectures is made available to students for long term learning

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

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

2.3.3.1 - Number of mentors

60

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

2.4 - Teacher Profile and Quality

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

91

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

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

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

6

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

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

2.4.3.1 - Total experience of full-time teachers

428

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

2.5 - Evaluation Process and Reforms

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

Mother Teresa Institute of Science & Technology follows guidelines of Jawaharlal Nehru Technological University Hyderabad, Hyderabad for internal evaluation and assessment procedure.For undergraduate programs, the institute conducts two mid-exams of 25 marks each, comprisingten marks for descriptive, ten marks for objective and five marks for assignment. The averagemarks of both examinations are considered as final mid-marks. End semester examination is for 75 marks which are conducted by the university.For the post-graduate program, the institute conducts two mid-exams of 25 marks each as per university norms, and the end semester examination is for 75 marks which are conducted by theuniversity. After completion of the internal examination, the faculty evaluates the answer scripts and distribute to the students for doubt clarifications or re-correction. The faculty submits the re-corrected scripts to the examination branch and marks are displayed on the notice board and in.For laboratory evaluation for under graduate the Institution conducts lab internal for 25markseach.Students'performance is also evaluated based on the following parameters: communication skills,use of modern tools (Matlab), critical thinking skills, problem-solving skills,ability to work in teams, and leadership qualities.

File Description	Documents
Any additional information	**No File Uploaded**
Link for additional information	https://www.mistech.ac.in/IQAC.html

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

Mother Teresa Institute of Science & Technology has the redressal

mechanism for grievances regarding examination marks. The cell consists of Principal, Head of Departments (HoDs), and In-charge of Examination. Students can apply for any issues in the evaluation of their answer scripts.The redressal of grievances regarding evaluation in both internal assessment and University examination is through the following process.

At Institute level: The teacher distributes evaluated answer scripts to students, and any clarifications or grievances are addressed by the teacher. The internal marks are then displayed on notice board. If any discrepancy isnoticed, the concerned teacher will resolve the discrepancy, and the necessary corrections will be made within 2-3 working days.

Re-evaluation: Students can apply for reevaluation of their answer scripts within a week from the declaration of results ifthey are not satisfied with their results. The results of re-evaluation will be announced as per the university norms.

Challenge Evaluation: If the re-counting/re-evaluation results are not satisfactory, a student can apply for challenge evaluation within a week after the announcement of the results. The evaluation process is carried out in the presenceof student by two subject experts; one represents from the institution and other from the university.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	https://www.mistech.ac.in/IQAC.html

2.6 - Student Performance and Learning Outcomes

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

In quality teaching and learning process, mapping and attainment is becoming an important process. The compliance of continuous improvement can be done by deciding action plan for weak attainment and is a key factor leading to continuous student learning.Program Outcomes (PO) are broad statements that describe the professional accomplishments which the program aims at.Department pages of college website, display boards in all the

class rooms, laboratories, strategic locations in the department, HOD cabin, faculty cabins and seminar hall.

Direct Assessment

Relevance towards the attainment of POs

Home assignment

To make student familiar with the basics of course offered

Course Assessment (Mid and end semester exams)

To evaluate the student with the discussed techniques and to assess his/her ability by the problems given in the exams through grades

Laboratory assessment

To test student on his/her knowledge in experimental techniques discussed in the labs and interpretation of the results

Seminar

- To evaluate the presentation skills and ethics
- To introduce and acquaint student in research

Project Assessment

- To evaluate the student on his/her numerical, experimental and presentation skills
- To assess the student contribution in his/ her research /thesis/ project.
- To test the project thesis against plagiarism to impart professional ethics

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for Additional information	https://www.mistech.ac.in/IQAC.html
Upload COs for all Programmes (exemplars from Glossary)	View File

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

We follow a systematic process of measuring attainment levels (PO), program specific outcomes (PSO) and course outcomes (COs). The steps followed are:

1. Faculty formulates COs for their respective courses every semester.
2. The target attainment levels are set for each course based on previous results.
3. At the end of the semester, the attainment levels of each CO are calculated based on the assessment evaluation.

Attainment of COs & POs are continuously assessed during the semester using various assessment techniques like Mid-Exams, assignment, class test, lab experiment, project evaluation, etc.

Direct Assessment Method:

Direct measures are provided through direct examinations or observations of student knowledge or skills against measureable course outcomes. The knowledge and skills described by the course outcomes are mapped to specific problems on internal exams/University exams/online feed backs. Throughout the semester the faculty records the performance of each student on each course outcome. At the end of the semester students receive grades from external exams.

Indirect Assessment Method:

Indirect assessment strategies are implemented by embedding them in the Graduate survey, Exit survey, Alumni Survey and events survey. Finally, program outcomes are assessed with above mentioned data and Program Assessment Committee concludes the PO attainment level.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for Additional information	https://www.mistech.ac.in/IQAC.html

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

131

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<u>View File</u>
Upload any additional information	**No File Uploaded**
Paste link for the annual report	https://www.mistech.ac.in/IQAC.html

2.7 - Student Satisfaction Survey

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

https://www.mistech.ac.in/IQAC.html

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

0

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

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

3.1.2.1 - Number of teachers recognized as research guides

1

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

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

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

0

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

3.2 - Innovation Ecosystem

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

MISThas created an ecosystem for Research and Innovation by (i) recruiting and developing desirable human resource, (ii) taking initiative for creation and dissemination of knowledge and (iii) establishing state of the art infrastructure

Young faculty across the institute are encouraged to do research in multi-disciplinary and inter disciplinary areas. Young Faculty members are financially supported upto by the Institute for their research , the UG and PG students are being funded for their projects, Paper publication and travel grants for nationaltravels.Project lab Centres and Laboratories have been established that are accessible to all andIt is ensured that they are optimally utilized.

A large number of job-oriented courses are offered in cooperation

with nearby industriesfor students and unemployed graduates.
Management Development Programs are organized from industry
professionals. A liaison between the Institute and industry is
established for consultancy. Summer training of students to
familiarize them to practical industrial problems.

The multi-disciplinary and inter-disciplinary focus on research
makes this institute and unique areas identified include:

1. Deployment of low cost renewable energy technologies for
   rural areas
2. Research on ways and means for women empowerment.
3. Innovative methods for use of ICT technologies
4. Entrepreneurship courses and Visits to industries

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.mistech.ac.in/IQAC.html

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

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

5

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

3.3 - Research Publications and Awards

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

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

1

File Description	Documents
URL to the research page on HEI website	**Nil**
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	_View File_
Any additional information	**No File Uploaded**

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

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

5

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

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

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

0

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

3.4 - Extension Activities

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

The institution makes a concerted effort to educate students and include them in a variety of community development initiatives, resulting in increased social awareness and holistic development.

The local government, the police, non-governmental organizations, medical staff, theLions' Club and the general public are all brought together for enhance the community.Massive Tree Plantation drives address the issues like deforestation, soil erosion and desertification. In addition to these awareness programs, House hold survey is regularly conducted every year to know the health issues and schemes related to state and central Govt. for their benefit. During these two years of pandemic condition, awareness program on safety precautions of COVID-19 are rigorously conducted in the nearby villages and as well as vaccination camps were arranged and nearly around 500 people had been vaccinated.

A few such programmes are:

- Mass Tree Plantation programme has been continuously organizing every year in adapted villages and in campus and nearly with 300 samplings.
- 'Swachcha Bharath' and 'Clean and Green' programmes followed by cleaning the streets and the public areas at sadasivapalem and kothuru village.
- A Rally on Seasonal Disease kothuru village to create the awareness on the seasonal diseases like dengue, malaria due to mosquito bite.

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

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

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

0

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

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

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

12

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

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

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

294

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

3.5 - Collaboration

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

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

100

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

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

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

6

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

Mother Teresa Institute of Science and Technology, Sathupally of Telangana State was established in 2001 to provide an excellent education to the society. Subsequently, basic infrastructural facilities, on an area encompassing about 30 acres of land, were developed. The institute was started initially with three branches in B.Tech with an intake of 180 students.As per AICTE/JNTUH, Hyderabad norms, all the physical facilities are established to have a very good teaching and learning process. The Institute has policy for creation and enhancement of infrastructure depending on the requirements in accordance with the changes in the curriculum, student admission and introduction of any additional courses.

Adequate and well-qualified lab assistants/system administrators are appointed to ensure effective utilization of infrastructure.

Innovative teaching and learning practices are encouraged to ensure an optimalUtilization of the resources.

· Maximum utilization of the infrastructure is ensured by organizing certificate courses, co-curricular activities/ extra-curricular activities, campus placement training classes, campus recruitments, meetings, seminars, conferences etc., beyond curriculum.

ACADEMIC FACILITIES & TEACHING LEARNING FACILITIES

FACILITIES

COUNT

Classrooms

52

Laboratories

42

Seminar Halls

03

Campus Main Library

01

Library Book Titles

8,122

Library Book Volumes

35,930

Computers with internet

410

Internet Bandwidth

950 Mbps

CC Cameras

330

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://www.mistech.ac.in/IQAC.html

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

Mother Teresa Institute of Science and Technology is having a well maintained campus spread over 30 acres of serene green land. A garden is maintained in the college to maintain an eco- friendly atmosphere. There is a lot of encouragement and facilities are provided for the students to participate in sports and cultural activities and further they are awarded and rewarded accordingly. The department of physical education has enough facilities for both outdoor and indoor games to both girls and boys in the campus. A two qualified Physical Directors are been appointed to take care of day to day games and sports activities of the college. College teams are formed to take part in Inter Institute, State Level and University level competitions Sports event competitions are conducted in the inter departmental level in an academic year and the winners are awarded.The following is the list:

S.NO

NAME OF THE GAME

1

Shuttle Badminton

2

Volley Ball

3

Throw Ball

4

Cricket

5

Football

6

Kabaddi

7

Kho-Kho

8

Ball badminton

9

Tennicoit

10

High jump cum Long jump pit

11

Shot put

12

Discuss Throw

13

High jump cum Long jump pit

14

Shot put

15

Discuss Throw

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://www.mistech.ac.in/IQAC.html

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

9

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://www.mistech.ac.in/IQAC.html
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

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

29.62

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

4.2 - Library as a Learning Resource

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

Mother Teresa Institute of Science and Technology has a spacious central library spanning over an area of 900 sq-mts with a sitting capacity of 200 members with a qualified Senior Librarian, Asst. Librarians and supporting staff. It has two separate Newspaper reading rooms for boys and girls. The Book bank facility is available for SC/ST students with a separate collection of volumes along with general library books. Previous years question papers, NPTEL videos, e-books, GATE Papers and e-journal articles are made available in the digital library for easy access through Intranet.

Library has the collection of 35636 volumes and 8122 titles. Central subscribes two online databases like DELNET and INFOTRAC. Each database consists of 2233 plus e-journals and e books, Total no. of IEEE journal 11, Total no. of nation journal/magazines 34,Total no. of news paper 10.They are downloaded and uploaded on all the systems. DELNET has Engineering Science and Technology collection and Management collection. Central library subscribes around 136 print journals every year. Our Library offers computerized Catalogue Search Services for user community through the Online Public Access Catalogue (OPAC) (http//192.168.10.197:8080/newgenlibctxt/) which allows access of bibliographic details of the books available in the Library.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://www.mistech.ac.in/IQAC.html

4.2.2 - The institution has subscription for the following e-resources e-journals e-	A. Any 4 or more of the above

ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

File Description	Documents
Upload any additional information	**No File Uploaded**
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

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

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

10.87

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

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

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

162

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

4.3 - IT Infrastructure

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

The college campus has a well established state of the art IT-Infrastructure and facilities. The campus intranet with 1 Gbps

multimode fiber optic backbone network supplemented with Wi-Fi support various services such as web site, campus management software, library information system, MOOCS courses, CC TVs biometric devices, Learning Management System(LMS),Online assessments, access to online learning resources and so on. IT facilities have been updated on regular basis. Also, new IT equipment has been purchased as per the requirements to meet the learning requirements of students and faculty.

Some of the facilities are discussed below:

Computer labs: The computer laboratories are well equipped with branded PC s adequately for internet connectivity. It is also equipped with a wide range of licensed system software and application software.

1. The institute has a total 400 computers with different configurations as mentioned below:

(a) DELL Systems with i5 Processor 4GB RAM =253 NO'S

(b) Dual core with 2 GB RAM= 147 NO'S

(ii) WI-FI Facility: Currently we are using internet services from BSNL Leased line of 800 MBPS also we using 150 MBPS from jayashree broadband services.

(iii) Intercom facility: The campus is well connected with a well planned telecom network.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.mistech.ac.in/IQAC.html

4.3.2 - Number of Computers

400

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

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

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

4.4 - Maintenance of Campus Infrastructure

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

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

29.62

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

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.

Mother Teresa Institute of Science and Technology has a spacious central library spanning over an area of 900 sq-mts with a sitting capacity of 200 members with a qualified Senior Librarian, Asst. Librarians and supporting staff. It has two separate Newspaper reading rooms for boys and girls. The Book bank facility is available for SC/ST students with a separate collection of volumes along with general library books. Previous years question papers, NPTEL videos, e-books, GATE Papers and e-journal articles are made available in the digital library for easy access through Intranet.

Library has the collection of 35636 volumes and 8122 titles. Central subscribes two online databases like DELNET and INFOTRAC. Each database consists of 2233 plus e-journals and e books, Total

no. of IEEE journal 11, Total no. of nation journal/magazines 34,Total no. of news paper 10.They are downloaded and uploaded on all the systems. DELNET has Engineering Science and Technology collection and Management collection. Central library subscribes around 136 print journals every year. Our Library offers computerized Catalogue Search Services for user community through the Online Public Access Catalogue (OPAC) (http//192.168.10.197:8080/newgenlibctxt/) which allows access of bibliographic details of the books available in the Library.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.mistech.ac.in/IQAC.html

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

550

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

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

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

100

File Description	Documents
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	No File Uploaded

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	https://www.mistech.ac.in/IQAC.html
Any additional information	No File Uploaded
Details of capability building and skills enhancement initiatives (Data Template)	No File Uploaded

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

0

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

0

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

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

A. All of the above

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

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

60

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File
Details of student placement during the year (Data Template)	View File

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

5.2.2.1 - Number of outgoing student progression to higher education

6

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

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

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

5

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

5.3 - Student Participation and Activities

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

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

0

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

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)

Following student committees/clubs are operational in the college to showcase the student's representation and engagement in various administrative, co-curricular and extracurricular activities: Class Representatives: all classes have two students designated as class representatives. They are responsible for representing any issues related to academics/non-academics to concerned HoDs/Class teacher. Director interacts with class representatives' at-least once during the semester. Student Clubs (department level): departments organize the engineering activities through student clubs. Each club is run by students. Clubs have well defined structure & assigned roles.Each department has an Association Activity, where faculty nurtures the student to participate in various events. Activities such as group discussions, Extempore, Essay writing, Just a minute, Open exhibitions, Project expos, Video presentations on technical and social events etc.. are organizing to improve skills in the student. In time table two hours are allotted per one week for II and III and IV year students for these activities. Prizes and certificates for participation are distributed to encourage the students.

Following clubs are presently operational:

ECESA (Electronics and Communication Engineering Students Supporting Association)

COESA (computer science Engineering Student Association)

CESA (Civil Engineering Student Association)

MESA , a society of ME students ·

EESA (Electrical Engineering Student Association)

File Description	Documents
Paste link for additional information	https://www.mistech.ac.in/IQAC.html
Upload any additional information	No File Uploaded

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

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

0

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

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

Alumni members are made members of department academic committee.They examine the current curriculum and give suggestions according tothe industry-institution interface requirements. They also give advice on the establishment of laboratories, which involve experiments using modern tools for improved employability of students. Alumni members are invited to deliver technical talks and provide career guidance to the students. Alumni members help the students in establishing a network of support for their professional career progression, namely, higher education in India and abroad, internships and placements. Alumni working in various industries connect the placement cell of the college to their

respective industries, thereby, facilitate the college with opportunities for internships and placements of students. In addition, they also connect the industry-institute interaction cell of the college, facilitating industrial visits, internships for students and resource persons for student development and faculty development programs.Alumni working in various R & D establishments connect the faculty of the college to their professional seniors, facilitating testing requirements. Alumni, who pursued higher education abroad, help the students in securing admissions in the universities, where they have studied, through preparation of statement of purpose, research projects and funds available with various professors in universities.

File Description	Documents
Paste link for additional information	https://www.mistech.ac.in/IQAC.html
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)	C. 3 Lakhs - 4Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

The College strives towards excellence by imparting essential technical skills as well as a holistic approach towards shaping the students into responsible citizens.It is mandatory that every staff member should go through the norms/rules of the Institution. He / She is expected to strictly adhere to these rules/norms in order to maintain Quality in the institution.

1. All HODs, Administration Officer, TPO, I/c Exam Cell etc will have to report to the Director/Principal directly. All the faculty, non-teaching staff (technical) should report to the concerned HOD. 2. Every Staff Member is encouraged to give new ideas/suggestions for the Development/ Improvement/ Better Performance of the college to HOD/Principal. 3. Every staff member

should take up the additional responsibilities as assigned by the Principal/Management apart from the normal duties.4. Every employee shall, at all times, maintain absolute integrity and devotion to duty and do nothing which is unbecoming of an employee of an educational institution. 5. Every employee shall abide by and comply with the rules and regulations of the college and all orders and directions from superior authorities, 6.Every employee shall extend utmost courtesy and attention to all persons while discharging his/her duties.

File Description	Documents
Paste link for additional information	https://www.mistech.ac.in/IQAC.html
Upload any additional information	View File

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

Mother Teresa Institute of Science and Technologypromotes and practices decentralization in all academic and administrative activities, It has various academic and administrative committees to monitor, plan and execute smooth functioning of the University.

Administrative Decentralization:

College Development Committee comprising of representatives of management, principal, students' representatives, HOD representative, faculty, staff members, industry experts and alumni is formed to deal with development plan of the college regarding academic, administrative and infrastructural growth and to enable college for addition of curricular, co-curricular and extracurricular activities.The Principal gives directives to the departmental heads to prepare the annual departmental budget. The HOD conducts a meeting with all the faculty members of the department and asks them to submit requirements along with relevant quotations, depending upon the need of the syllabus and current industry trends. For the acquisition of goods and services, including requisition preparation, funds approval, payments to suppliers, and follow-up inquiries, college practices decentralization by providing operational autonomy to the departments

Academic Decentralization:

A committee comprising of administrative staff and faculty members i.e. Academic Council Committee is responsible for holistic development of the college and to recommend on the enhancement of student facilities, students' life and experiences at the Campus

File Description	Documents
Paste link for additional information	https://www.mistech.ac.in/IQAC.html
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

In view of the strategic plans, the institute has perspective plan of advancement. This arrangement is made according to the necessities of the students and so as to oblige the requirements of the institute and the society. Decentralization and participative administration of the establishment encourages the organization to move forward as well as assists the employees develop themselves by taking decisions on strategic administrative issues.Following Major areas are covered in the plan as mentioned below: 1. Academics 2. Co-curricular activities 3. Administration 4. Research 5. Hostel/Infrastructure 6. Industry interface placement activity 7. Incubation / startup 8. Social Responsibility 9. Feedback from stakeholders 10. Financial planning and support

Though there is a perspective plan of five years ,annual action plan and budgets are prepared to implement this plans is developed at 3 levels namely 1) Departmental council 2) University level 3) IQAC level

Example:The Instituteis actively engaged in promoting the spirit of entrepreneurship and skill development among students in order to fulfil the vision of the institution. Entrepreneurship development cell is actively working for creating awareness about entrepreneurship among students and promote women empowerment..NSS encourage the students leadership, qualities, health awareness, team spirit by organizing various events.

File Description	Documents
Strategic Plan and deployment documents on the website	**No File Uploaded**
Paste link for additional information	https://www.mistech.ac.in/IQAC.html
Upload any additional information	View File

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

Themanagement of the Institution has designed the institutonal bodies in a scientific and transparent manner to obtain the best results from it. A hierarchical clusters were created from top management down level to clearly delineate duties, responsibilities, accountability, and powers at each stage. MISTEngineering College, established in the year 2004, has a broad Vision and Mission that focuses on innovative approach for quality teaching and research in engineering and management so as to bridge the gap between the industry, society and academia. The institute follows a democratic and participatory approach of governance for achieving its goals. All stakeholders participate actively in the administration of institute. The college has a wellstructured administrative and academic setup to consistently improve the quality and standard of education transmitted and to achieve excellence.

The Instiution has formed various committees at the central and department level for the effective functioning of the organization. The objectives and functions of the committees are organized according to the instructions of the head of the institution. The following are themain committees:

? Discipline Committee ? Anti Ragging Committee ? Women grievance Cell (only female faculty) Committee ? Student Grievance cell Committee ? Admission Committee ? NSS Committee

File Description	Documents
Paste link for additional information	https://www.mistech.ac.in/committee.html
Link to Organogram of the institution webpage	https://www.mistech.ac.in/committee.html
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination	**A. All of the above**

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

6.3 - Faculty Empowerment Strategies

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

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

Welfare measures for teaching and non- teaching members are not only for the development of staff but also for the organization development. MISToffers various schemes to all the employees with the motive to promote the efficiency and effectiveness.Following are the welfare measures provided to teaching and non-teaching staff by the institution

1. Maternity Leave A pregnant woman employee in our college is entitled to avail a maximum of 90 days' full paid maternity leave. 2. Fee concession policy to staff children This policy aims to promote education of wards of the staff. Tuition fee concession will be given to the wards of staff who are studying in this institution. 3. Free Bus Transportation for staff Fee concession

scheme is being implemented for the staff travelling in college buses. The scheme is applicable to all teaching and non-teaching staff. 4. Support to staff for higher education /research Sponsorship is provided to the faculty members to pursue research degrees and leave will be granted to pursue research, to ensure and encourage the faculty in knowledge up gradation.

File Description	Documents
Paste link for additional information	https://www.mistech.ac.in/IQAC.html
Upload any additional information	View File

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

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

1

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

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

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

0

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

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

51

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

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

Mother Teresa Institute of Science & Technology has well defined Performance Appraisal system. A proforma and guidelines for performance appraisal was prepared and communicate to the faculty well before the year ending time. In the defined performance

appraisal system, Performance Indicators are divided into three categories: (1) Teaching, Learning and Evaluation related activities (2) Co-Curricular, Extension and Evaluation Related activities (3) Research and Academic Contributions.The performance Appraisal for the faculty is carried out based on quality of Teaching Administrative tasks, Assignments, and Research work with reference to self Appraisal form submitted by faculty at the end of year. Assessment considers the prime role of teaching and contributions towards the development of department and institute. The faculty continuously monitored for their activities and roles. The institute encourages the faculty to engage in academic, research, and administrative works according to their experience, position and interest.The faculty is individually asked to write/assess about involvement in various activities (teaching, research, mentoring, development of department and carrier improvement etc.). The faculty performance is first evaluated by concern HOD, further assessment by the Head of the institute. The annual increment was decided for the faculties based on these above factors.

File Description	Documents
Paste link for additional information	https://www.mistech.ac.in/IQAC.html
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

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

The Institution has established a mechanism for conducting internal and external audits on the financial transactions every year to ensure financial compliance. Internal audit is conducted half yearly by the internal financial committee of the institution. The committee thoroughly verifies the income and expenditure details and the compliance report of internal audit is submitted to the management of the institution through principal. External audit is conducted once in every year by an external agency.

The mechanisms used to monitor effective and efficient use of financial resources are as below:

1.Before the commencement of every financial year, principal

submits a proposal on budget allocation, by considering the
recommendations made by the heads of all the departments, to the
management.

2.The expenses will be monitored by the accounts department as per
the budget allocated by the management.

3.The depreciation costs of various things purchased in the
preceding years are also worked out.

Process of the audit

All vouchers are audited by an internal financial committee on
half yearly basis. The expenses incurred under different heads are
thoroughly checked by verifying the bills and vouchers. If any
discrepancy is found, the same is brought to the notice of the
principal.

File Description	Documents
Paste link for additional information	https://www.mistech.ac.in/IQAC.html
Upload any additional information	No File Uploaded

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)

0

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)	No File Uploaded

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

Mobilization of funds in the institute is through several ways.
The fee is collected as per the fee and the guidelines of the

State fee regulatory authority.The fixed deposits are withdrawn and used for the expenditure of the college.

Strategies for optimal utilization of financial resources:

During the budget preparation all the academic and section heads are requested to provide the annual budget requirements keeping in view of development and updating of laboratories, computing facilities, library, teaching-learning process, training, extension activities, software.

Adequate funds are allocated for effective teaching-learning practices that include conduct of FDPs, orientation programs, workshops, inter disciplinary activities, training programmes that ensure quality education. Adequate remuneration based on the performance-quotient of the teaching professionals is provided. Funds are provided to meet day-to day operational and administrative expenses and maintenance of the fixed assets. Funds are utilized for purchase of advanced laboratories equipment to encourage research interest of the faculty and students. Enhancement of library facilities leads to novel learning practices and accordingly required funds are provided every year. Adequate funds are utilized for development and maintenance of every good infrastructure for the institute.

File Description	Documents
Paste link for additional information	https://www.mistech.ac.in/IQAC.html
Upload any additional information	No File Uploaded

6.5 - Internal Quality Assurance System

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

The IQAC continuously reviews and takes steps to improve the quality of the teaching-learning process. The Academic Calendar is prepared in advance, displayed and circulated in the Institute and strictly followed. Admission to various programmes, summer, winter and mid-term vacations, examination schedule and declaration of results are notified in the Academic Calendar. All newly admitted students have to compulsorily attend the Orientation Programme, in which they are made aware of the teaching learning process, the system of continuous evaluation, compulsory core courses, various cocurricular activities, discipline and culture of the Institute.

All students are also given a guided tour of the campus and the various facilities.Feedback from students is also taken individually by teachers for their respective courses, by different department faculty members ,and directly through IQAC. Students are also free to approach the Director of the Institute for feedback and suggestions. Feedback is properly analyzed and shared with the Director, Deans, HODs and individual faculty members. The teaching-learning processes are reviewed, and improvements implemented, based on the IQAC recommendations.

The major initiatives taken over the last five years include the following:

1. Introduction of Assignments

2. MoUs with prestigious Institutes, Universities

3. workshops and Guest lectures

File Description	Documents
Paste link for additional information	https://www.mistech.ac.in/IQAC.html
Upload any additional information	View File

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

The IQAC keep monitoring the institute involvement in preparing responsible engineers for future by providing a highly conducive teaching-learning environment. While implementation the course instructor maps the Course outcomes (CO) & Programme Outcomes (PO), Programme Specific Outcomes (PSO) for each course, prepares the lesson plan and delivers the contents accordingly. All the class rooms are digitalized and equipped with ICT facilities. Contents will be delivered through chalk & talk, power point presentations, model display, roleplay, experimentation, video play, industrial visits, internships, projects, technical & cultural fests, seminars and assignments are practiced for improving the teaching learning process. An initial feedback will be obtained from the students to assess the level of teaching and learning. The feedback is used to make the necessary changes in

the curriculum delivery.

The IQAC takes initiative by monitoring the teaching learning process continuously and Head of the department's report the information to the Principal along with the regular class room lectures by the faculty members the students are exposed to the guest lecture from industrial experts, industrial visit, internship, NPTEL, Group discussionand seminars. The submission of the assignment by the students, discussing content beyond syllabus, institution - industry interaction and collaborative learning.

File Description	Documents
Paste link for additional information	https://www.mistech.ac.in/IQAC.html
Upload any additional information	No File Uploaded

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

File Description	Documents
Paste web link of Annual reports of Institution	https://www.mistech.ac.in/IQAC.html
Upload e-copies of the accreditations and certifications	No File Uploaded
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	No File Uploaded

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Mother Teresa Institute of science & Technology has a Strong ethical work culture that is based on inclusivity .It observes highest ethical standards in all its activities. Equal opportunities are provided to are individuals irrespective of gender ,race, caste, color, creed, language religion or other opinion. ITS Unique work culture, healthy traditions and moral values led to enrolment of the employees.Safety, security and well-being, along with gender equity and Friendly working environment.Gender sensitivity is an inherent value in the cultural ethos of the institution.

1) Safety and Security

- Well trained Women warden and Assistant warden appointed in the Girls hostel in the campus.
- Security check points are provided at the campus entry.

- 2) Counseling :

- Faculty counsel the students during mentoring, regarding academic,Performance career plans & personal issues.Head of the dept counsel the students regarding any issues.
- ICC, Women Welfare committee conduct awareness programmes on health, stress, gender and sensitive issues.
- 3) Common Rooms :
- In most of the departments common rooms have been allocated for men and women.
- Girls waiting halls and rest rooms are provided in each block in the campus.Health centre is available in campus.

File Description	Documents
Annual gender sensitization action plan	https://www.mistech.ac.in/IQAC.html
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://www.mistech.ac.in/IQAC.html

7.1.2 - The Institution has facilities for alternate sources of energy and energy	A. 4 or All of the above

conservation measures   Solar energy Biogas plant Wheeling to the Grid   Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

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

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

Mother Teresa institute of science and technology has designed methods for the management of waste generated in the campus using the basic waste management strategy of Reduce, Reuse and Recycle. The waste generated in the campus includes liquid waste and solid waste- both of biodegradable and non-biodegradable nature & chemical waste. No classified hazardous waste is generated in the campus. The environmental policy of the institute is to achieve zero discharge and complete utilization of waste with well-designed strategies to make campus clean, hygienic and healthy.

1. Solid waste Management

The non-biodegradable solid waste generated in the campus include, paper, plastics, metal cans etc. Biodegradable waste includes food waste, vegetable peels, leaves etc.

2. Liquid waste Management

Septic tank effluents from various sanitary blocks, water used for washing and cleaning of utensils etc. from canteen,Wastewater from laboratories using chemicals andWastewater from RO plant

4. Waste recycling system

Recycling is theprocess of converting waste materials into new materials and objects.

5. Hazardous chemicals and radioactive waste management

Radioactive wasteis hazardous because it emits radioactive particles, which if not properly managed can be a risk to human

health and the environment

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	**No File Uploaded**
Geo tagged photographs of the facilities	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	**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**

A. Any 4 or All of the above

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

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

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	A. Any 4 or all of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	No File Uploaded
Any other relevant information	View File

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading	A. Any 4 or all of the above

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

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

diversities (within 200 words).

The institute is proactively taking efforts in providing an inclusive environment. The initiatives are to promote better education, economic upliftment of the needy, and set communal harmony. Institute has conducted lectures in the villages for increasing their environmental and ethical awareness. The extension activities are targeted towards enabling a holistic environment for student development. University has always been at the forefront of sensitizing students to the cultural, regional, linguistic, communal, and socio-economic diversities of the state and the nation. The University celebrates cultural and regional festivals like Youth Festival, Constitution Day, etc. to teach tolerance and harmony to the students. The Gender Equality Policy focuses on equal access, opportunities, and rights for women and men.

By providing a barrier-free environment, needed facilities, and human and technological assistance, the department takes continuous efforts to make the differently-abled feel included in every part of the activity of the college. The department has revised the curriculum with the inclusion of topics related to human rights, peace, tolerance, love, compassion, harmony, promotion of social values, awareness of environmental protection, and ethics.College also conducts several games, sports, debates, essay writing competitions on important National days, signifying their importance, wherein students participate in large numbers

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	No File Uploaded
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 instituteinvolves students in activities pertaining to strengthening core values, making them aware of their rights, duties and responsibilities and help them in becoming responsible citizens.Towards this, MIST has been organizing blood donation (300 units of Blood), free vaccination and medical camps through student volunteers, giving infrastructural support for the physically challenged through ramps. We believe that human values

may be innate as well as acquired. When we have love, compassion and a willingness to sacrifice our interests for others, it becomes a service. Values are to be learnt through practices. Inculcation of Human Values is demonstrated first by teacher, later imbibed by students. Faculty participate in Universal Human Values programs sponsored by AICTE. Courses on "Human Values and Professional Ethics" and "Indian Ethos" delivered through YouTube videos, real life examples, case studies etc. are presented giving rise to various perspectives in life, creating an everlasting impression on student's mind, touching student's heart, bringing a paradigm shift in their thought process towards life. They are largely instrumental in bringing integrity, competence and building a stronger character.The college has been facilitating holistic development of students towardsbalanced lifeand happiness, make them to interact with successfulpersonalities.

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

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

A. All of the above

File Description	Documents
Code of ethics policy document	[View File](#)
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	**No File Uploaded**
Any other relevant information	**No File Uploaded**

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

The college believes in celebrating events and festivals in college. It is an integral part of learning and building a strong cultural belief in a student. The College makes tremendous efforts in celebrating the national and international days, events and festivals throughout the year.In academic year 2020-21, we celebrated the following days like World Environment Day, International Yoga Day, National Mathematics Day, Independence Day, Republic Day, National Unity Day (Birth Anniversary of Sardar Vallabh bhai Patel), Birth Anniversaries of Dr. Sarvapalli Radhakhishnan, Mahatma Gandhi, Birth anniversary of Swami Vivekananda.The college also believes that education will allow the students to bloom, blossom, giving them the right platform where they will work towards becoming a responsible citizen.

International Women's Day(March 8). The tremendous Women Power is honored on International Women's Day in tune with the global celebrations. Students are sensitized to "Gender equality" through some short video presentations. Successful women from all fields are invited to inspire the young minds.

International Yoga Day(June 21). Students are motivated to live up to the legacy of our culture. Yoga instructors are invited to guide the participants to practice the asanas and lead healthy and joyful life.

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

7.2 - Best Practices

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

(1) MENTORING SYSTEM FOR STUDENTS:

(a)To minimize dropouts, improve performance and reduce stress of the students through personal counselling

(b)Each teacher is assigned around 7-8 students for the complete duration of their study.

(c) They meet at least once a month to discuss, clarify and share various problems which may be personal or academic, etc.

(d) The mentors encourage the students to participate in co-curricular and extracurricular activities and sports.Their academic performance and other activities are all recorded.

(e) The mentors also keep in touch with the parents on their attendance, test performance, fee payment, examinations etc on weekly basis. The mentors also counsel the students in need of emotional problems.

(2)TEACHING – LEARNING PROCESS

(a)To ensure the completion of syllabus according to the academic calendar of College

(b) To encourage teachers to adapt to advance pedagogical methods including ICT adoption in class room teaching

(c) To improve pass percentage, average marks in each semester and enhance the number of ranks bagged by the college at the university level examinations

(d) Assignments, tests and evaluation are conducted at scheduled dates to improve performance in the semester – end examinations.

File Description	Documents
Best practices in the Institutional website	https://www.mistech.ac.in/IQAC.html
Any other relevant information	**Nil**

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

MIST is very keen at facilitating personal commitment to the educational success of students and thus the Academic committee consisting of Principal andsenior faculty members prepares the academic calendar well in advance before the commencement of the semester. The faculty members before the commencement of semester prepares the lesson plan, and make it available to the students. Efforts are being made for the past few years to change the Teaching – Learning environment into activity based learning. Following are the methods adopted to transform the academic environment:

(a) Each department arranges guest lecturers periodically addressed by the eminent persons from Industry, Academic and Research Institutions.

(b)Eminent experts of National reputed people are invited from academic /organization /industries for seminar, workshop, conferences etc.

(c) Every Faculty member is allotted 15-20 students to whom one acts as a counselor. The counselor identifies the academic and personal problems of his/her ward.

(d)Students are encouraged to present poster and oral paper presentations

(e)Social Responsibility Activities like Go Green Activity through plantation,· Blood Donation· Visiting Hospitals· & Interacting with patients and distribution of nutritious food, plantation and visiting nearby villages and helping them according to their requirements.

File Description	Documents
Appropriate web in the Institutional website	**No File Uploaded**
Any other relevant information	**No File Uploaded**

7.3.2 - Plan of action for the next academic year

1. To recruit and retain well qualified motivated faculty.

2. To provide amenities and sports facilities in harmony with nature.

3. To provide holistic value-based education and inculcate entrepreunal abilities in students to face the challenges of corporate world.

4. To arrange career guidance programmes.

5. To apply forNIRF Ranking

6. To have more industry academic interface so that there is more corporate participation in academics.

7.To further Strengthen the ICT

8.Conducting programmes to encourage and support students to start their own business ventures

9.The institution plans to focus more on research and Development in the next Academic year by increasing the publications of faculty and also motivating students community to write research papers.

10.To conduct student focused academic and skills development activities

11.plan to enrich the culture of academic industry interface.

12.plans to enroll maximum teachers in the online course offered through NPTEL.

13.To organize regular capacity building workshop/training programme for the teaching and nonteaching staff.

14. To evolve strategic plan to generate more alternative energy through solar power and increase the solar energy alternatives.

15. Toorganize training programme for students on the emerging software and advanced technology.