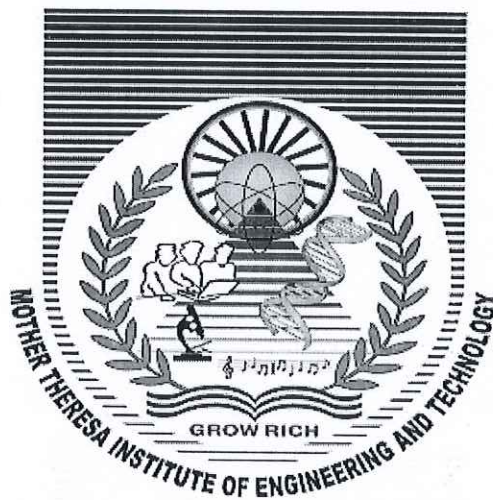


# MOTHER THERESA INSTITUTE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi :: Affiliated to JNTUA, Anantapuramu  
Accredited by NAAC, Bengaluru :: An ISO 9001 – 2015 Certified Institution

Melumoi Cross, Palamaner, Chittoor(Dist.). AP, India-517408



**Implementation of Performance Assessment,  
Review and Analysis for Knowledge for  
Holistic Development (PARAKH)**

## VISION

To promote excellence in the field of Engineering Education, Research and Consultancy which encompasses knowledge, skills and values to produce technically and intellectually competent and socially committed students to become responsible citizens.

## MISSION

- To empower the students in developing professionalism through innovative teaching and learning process
- To improve high ethical values in engineering and technology through research and consultancy
- To promote high standards in education to meet the needs of the society
- To impart knowledge and technical skills to enhance intellectual property of primary stake holders.

## PROGRAM OUTCOMES (POS)

Engineering Graduates will be able to:

- **PO1. Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- **PO2. Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- **PO3. Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- **PO4. Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- **PO5. Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- **PO6. The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- **PO7. Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- **PO8. Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- **PO9. Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- **PO10. Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- **PO11. Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- **PO12. Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.



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

About 150 students have enrolled as NSS-MTIET Volunteers. The objective of the NSS-MTIET is to inculcate the habit of understanding the socio-cultural problems of the people. Every Year, the NSS-MTIET organizes orientation program to the freshers to create awareness among the students so as to involve them in social work.

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

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

Every year the students under NSS-MTIET and UBA, create awareness on current social problem through rallies and gramasabhas. Through all these regular and special programs students created awareness about the following aspects:

**SAY NO TO PLASTIC:**

The students are encouraged and visited the nearby villages and displayed posters related to the disadvantages of using plastic and its ill-effects on human beings and animals.

**TREE PLANTATION PROGRAMS:**

To highlight the importance of environment protection and plantation, regular programs inside the College and in adopted villages are carried out. Number of trees has been planted during last five years and all plants have survived due to the water management system developed by students.

**VILLAGE HOUSE HOLDS SURVEY & GRAM SABHA:**

As a part of UBA-MHRD, the survey program was carried out in all the adopted villages and students have interacted with the villagers and collected the basic data and their social related problems for technical solutions. Gramsabhas are conducted with villagers with the support of local bodies to create awareness on different aspects such as water management, waste management, solar power utilization etc.

The NSS unit of MTIET organizing many social relevant activities for the benefit of neighborhood community out of which the following sample major activities listed

- Awareness on no tobacco usage.
- Blood donation camps
- Free medical camps
- Awareness on digital payments and cash less transaction
- Swachh bharat mission
- Awareness on cyber crimes
- Awareness on rural development through literacy
- Awareness on waste management
- Awareness on women empowerment



**Swachh Bharath Abhiyan**



**Free Medical Camp**



The college plans and conducts many events to construct and promote an atmosphere for ethical, cultural, and spiritual values among students and staff in order to create a country of noble youth who are morally responsible. Commemorative days are held on campus with the initiative and assistance of the administration to foster emotional and religious feelings among students and faculty, not only for entertainment and amusement but also to foster a sense of oneness and social harmony.

The college believes in the equality of all cultures and traditions, as evidenced by the fact that students from many casts, religions, and regions learn together. Despite the fact that the institution has a wide socio cultural background and speaks a variety of languages, there is no intolerance for cultural, regional, linguistic, communal socioeconomic, or other differences.

Periodically, the college organizes socioeconomic cultural diversity program to ensure and assure harmony among the students to promote tolerance of different sections of the students. In these programs the students are asked to gather at a common place wearing their specific ethnic attires. The College instruct them to speak in their own original tongue on the Forum organized to exchange their national commitment.

Motivational talks by famous experts in the subject are scheduled to help students develop their personalities and become responsible citizens who adhere to national values of social and communal peace and national integration. We have created several robust infrastructures for a variety of sporting activities for the students' physical growth, in addition to academic and cultural activities.

In this approach, the institute's efforts/initiatives in fostering an inclusive atmosphere for everyone with tolerance and harmony toward cultural, regional, linguistic, communal socioeconomic, and other diversities would be realized.

The events like **Rangoli** for Sankranthi, **Lighting of lamps** for Diwali, **Cake cutting and Santa wear** for Christmas, **HolikaDahan and Dhulandi**for Holi, **Ethnic wear and making Ugadhipachadi**for Ugadhi, **Iftaar, Milakath and Galemilna** for Ramadan, **Rakhi tying** for Rakshabandanand**Kerala attire and Rangoli with Flowers** for Onam are regularly celebrating in the campus.





**Christmas Celebration: Distribution of Gifts**



**Holi Celebrations: Holikha Dahan**



**Onam Celebrations**