



Department of Mechanical Engineering

About us

Department of Mechanical Engineering was started in the year 1998 offering an Undergraduate program (B.E) with the current intake of 60. Department was upgraded as Post graduate department with the commencement of M.E in Manufacturing Engineering in the year 2007 with the sanctioned intake of 18. Based on the academic and infrastructure quality of the department, Anna University has recognized the department as a research department in the year 2015. The department was accredited by NATIONAL BOARD OF ACCREDITATION (NBA), NEW DELHI in the year 2019, certifying the quality performance of the department.



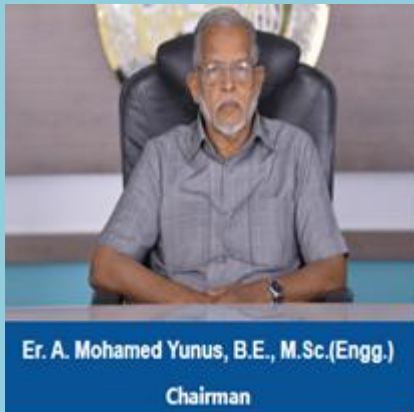
Department Vision and Mission

Vision

- Establish a globally recognized school of Excellence in the field of Mechanical Engineering.

Mission

- Impart quality education in Mechanical Engineering through effective teaching – learning techniques.
- Provide necessary infrastructure and facilities for the student's personal and professional growth.
- Expose to specialized Mechanical Engineering domains to harness evolving technologies.
- Create awareness in ethical practices followed internationally.



CHAIRMAN MESSAGE

Being the current world not a hasty track, the responsibility of creating a high-quality educational institution is challenging and embellished with a host of initiatives which validate them over an extended time span. Moreover, in a world where time and space are compacted, there is a massive defy for success which necessitates knowledge, which is current, pertinent and based on real experience. We at M.I.E.T. motivate and empower our students to be enduring learners, critical thinkers and prolific members of an ever-changing global society.

Also, the students are encouraged to channelize their potential in the pursuit of fineness in a holistic and student-cantered environment. I am confident that M.I.E.T. will always be a bonfire of light guiding the fate of its students, while blistering kindness and compassion as it ascends high in its pursuit of academic excellence and accomplishment of our motto “Humanize, Equalize, Spiritualize”.

To ensure the same, we have an excellent portfolio of industry professionals and academicians on our faculty, who provide a holistic view of the shades of engineering and managerial operations to our students. The students are prepared to enrich their careers by endowing them with the necessary talent and critical thinking to become self-directed learners and prolific citizens contributing positively to the society.



PRINCIPAL MESSAGE

M.I.E.T. Strives to make a better world through education, research and innovation. The institution functions with a motto of accelerating this great Nation’s industrial development with its highly skilled and qualified technocrats.

I extend a warm welcome to all the students and scholars who choose M.I.E.T. as a preferred destination for their higher education and research. Certainly, the institution serves as a territory of happy learning with great fun and joy. It provides a peaceful and creative learning environment with ample opportunities to develop their curricular, co-curricular and extra-curricular activities.

The college has modern infrastructure, state of art laboratories, well qualified trained and dedicated faculty members to cater the needs of its stakeholders. We at M.I.E.T. ensure that the student community is completely satisfied with the facilities available and the management is committed to fulfil the needs, when and where required.

The institute has been deeply committed to develop and motivate the young talents to take up the challenge they face after graduation. The institute will continue to contribute for development and growth of young minds.

STUDENT'S PARTICIPATION

- P. Arun Third year student has attended in the “Workshop” at K. Ramakrishnan College of Technology, Samayapuram held on 04.10.2024 organized by department of Mechanical Engineering.
- V.Sanjay Kumar Third year student has attended in the “Workshop” at K. Ramakrishnan College of Technology, Samayapuram held on 04.10.2024 organized by department of Mechanical Engineering.
- M.Abdullah Third year student has attended in the “Workshop” at K. Ramakrishnan College of Technology, Samayapuram held on 04.10.2024 organized by department of Mechanical Engineering.
- S.M.Abdullah Aashik Third year student has attended in the “Workshop” at K. Ramakrishnan College of Technology, Samayapuram held on 04.10.2024 organized by department of Mechanical Engineering.

FACULTY PARTICIPATIONS

- Mr. S. Sathish Kumar and Mr. M.Hariprasath Assistant professor has participated in Faculty Development program on the title of “Advancements and Applications in 3D printing and additive Manufacturing” held in Government College of Engineering, Srirangam from 02/12/2024 to 07/12/2024.

- Dr. G. Pranesh, et.al., Assistant professor has published a journal on the title “Experimental investigation on co-gasification characteristics of coconut shell and medical plastic waste in fluidized bed gasifier in the journal of Biomass Conversion and Bio refinery.
- Mr. S. Sathish Kumar & Dr. G. Pranesh, Assistant professors have published a journal on the title “Performance investigation on a downdraft gasifier using corn waste as a solid biomass and co-feeding with hand gloves and used facemask waste in the journal of International Journal of Hydrogen Energy.
- Dr. K. Panneer Selvam, et.al. Associate professor has presented a paper on the title “Optimization of wear parameters of aluminium 7075 hybrid composites using Taguchi technique” in the conference of ICMIET at MIET Engineering college and published it in Journal of Physics: Conference Series.
- Dr. K. Panneer Selvam, et.al. Associate professor has presented a paper on the title “Optimization on EDM process parameters of AA8011 based Hybrid Metal Matrix Composites” in the conference of ICMIET at MIET Engineering college and published it in Journal of Physics: Conference Series.

- Dr.K.P.Vasantha Kumar, et.al, Assistant professor has filed patent on title “Experimental and analytical investigation on friction welding dissimilar joint for aerospace application” in 2024.
- Dr.K.P.Vasantha Kumar, et.al, Assistant professor has filed patent on title “Optimization of welding parameters of AISI431 and AISI1020 joints joined by friction welding using Taguchi method” in 2024.
- Dr.K.P.Vasantha Kumar, et.al, Assistant professor has filed patent on title “Friction stir welding and processing of magnesium-based alloy: enhancing mechanical properties and microstructural evolution for industrial applications” in 2024.

FUNDED PROJECT

- The final-year students, Enoch Daniel R., Dominic Dovato D., Harish S., and Dhinakaran Akash Raj M., have completed a TNSCST (Tamil Nadu State Council for Science and Technology)-funded project titled "Design and Fabrication of a Solar-Powered Tomato Seed-Removing Machine", under the guidance of Dr. G. Pranesh.

EVENTS ORGANIZED

GUEST LECTURE'S

- A Guest lecture was conducted on the topic “Artificial Intelligence and Machine Learning

Fundamentals” for final year students on 08.10.2024. Mr.A.V.Abinanthan and Mr.K.Muthu Karuppan, BIG LEARN, Trichy was the Resource persons.



Guest lecture delivered by Mr.K.Muthu Karuppan, Resource Person, BIG LEARN, Tiruchirappalli

- A Guest lecture was conducted on the topic “Industrial Engineering and Lean Manufacturing” for Third year students on 17.10.2024. Er. G. Nadimuthu, Team Leader R&D - Mechanical Engineering, Zentron Labs Pvt Ltd., Tiruchy was Resource person.



Guest Lecture delivered by Er. G. Nadimuthu, Team Leader R&D - Mechanical Engineering, Zentron Labs Pvt Ltd., Tiruchirappalli.

- A Guest lecture was conducted on the topic **“State of Art - Non-Destructive Testing Techniques and the Future”** for Third year students on 05.11.2024. Er. Arunan Radhakrishnan, Deputy Manager, Non-Destructive Testing Laboratory (NDTL), Bharat Heavy Electricals Limited, Tiruchirappalli was the Resource person.



Guest lecture delivered by Er. Arunan Radhakrishnan, Deputy Manager, Non-Destructive Testing Laboratory (NDTL), Bharat Heavy Electricals Limited, Tiruchirappalli.

- A Guest lecture was conducted on the topic **“Role of Wire Arc Additive Manufacturing in Industries”** for second year students on 18.11.2024. Dr. N. Siva Shanmugam, Professor, Department of Mechanical Engineering, National Institute of Technology, Tiruchirappalli was the Resource person.



Guest lecture delivered by Dr. N. Siva Shanmugam, Professor, Department of Mechanical Engineering, National Institute of Technology, Tiruchirappalli

PARENT'S TEACHER MEETING

- The Parents-Teacher meeting for second year and third students was conducted on 28.11.2024 at B-Block seminar hall. Mr.K.Baskar, Dr. G. Pranesh, Assistant Professor, class coordinator and other faculty members interacted with the parents and discussed about the student academic performance.



Dr. M. Selvam, HoD/Mech, M.I.E.T. Engineering college, Trichy delivering the Presidential address



Parent, student and faculty members interaction during Parents Teachers meeting

INDUSTRIAL VISIT

- Second year students have gone for One day “Industrial visit” at Sea Blue Shipyard Limited, Kochi, Kerala on 15.11.2024. Mr.K.Baskar, and Mr.M.Hariprasath, Assistant Professor has accompanied the students.



Students Industrial visit at Sea Blue Shipyard Limited, Kochi, Kerala

- Second year and third year students have gone for One day “Industrial visit” at M.M Forging Limited, Viralimalai, Pudukottai on 15.10.2024. Mr.K.Baskar, and Mr.S.Sathish kumar, Assistant Professor has accompanied the students.



Students Industrial visit at M.M Forging Limited, Viralimalai, Pudukottai

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