



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 120. 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.



Er. A. Mohamed Yunus, B.E., M.Sc.(Engg.)

Chairman

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.



Dr. A. NAVEEN SAIT, M.E., Ph.D.

Principal

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 definitely continue to contribute for development and growth of young minds.

STUDENT'S PARTICIPATION

- N. S. Amjath Hussain of third year student has attended the "Internship Training" at Department of Energy and Environment, NIT Trichy held on 17.07.2023 - 17.09.2023 organized by department of Training and Placement, M.I.E.T. Engineering College-Trichy.
- I. Santhosh of third year, S. Ravikumar and G. Sri Hari Hara Karan of final year students have secured Second place in the Anna University zonal tournament of event "Cricket" at Saranathan college of engineering, Trichy held on 26.10.2023 to 28.10.2023.
- J.Aashiq Moahmmed and J. Aslam Mohamed of final year student has attended in the "Internship Training" at Tamil Nadu Newsprint and Papers Limited, Karur held on 02.11.2023 - 09.11.2023 & 25.11.2023 - 28.11.2023 organized by department of Training and Placement, M.I.E.T. Engineering College-Trichy.

FACULTY PARTICIPATIONS

- Dr.M.Kirubakaran, Associate Professor has attended NPTEL Faculty Development program on Municipal solid waste management organized by Indian Institute of Technology, Guwahati on Jul-Oct 2023.
- Mr.C. Manikandan, Assistant Professor has attended NPTEL Faculty Development program

on Social Innovation in Industry 4.0 organized by Indian Institute of Technology, Kanpur on Jul-Oct 2023.

- Mr. K. Baskar and Mr. C. Manikandan, Assistant Professor has attended Faculty Development program on Recent advancements in materials, manufacturing and Technology organized by Swarnandhra college of Engineering and Technology, Andhra Pradesh on 30.10.2023 to 4.11.2023.
- Mr.S. Kumaradevan, Assistant Professor has attended Faculty Development program on Engineering thermodynamics organized by CARE college of Engineering, Trichy on 28.08.2023 to 01.09.2023.
- Dr. M. Kirubakaran, Associate Professor has attended Workshop on SAE- Club officers leadership training (COLT) organized by CARE college of Engineering, Trichy on 14.10.2023 to 15.10.2023.
- Mr. K. Baskar, Assistant Professor has attended Workshop on Research paper writing and publishing organized by HI LEARN EDUTECH INSTITUTE, Bijapur, Karnataka on 28.08.2023 to 31.08.2023.
- Dr. B. Selvam, Professor has attended Seminar on Strengthening the research and digital education ecosystem: Elsevier paving the way organized by Elsevier connect on 17.10.2023.
- Mr. K. Baskar, Assistant Professor has attended Seminar on "First Aid in the digital world"

organized by Excel Engineering college, Namakkal on 09.09.2023.

- Dr. G. Pranesh, Assistant Professor has participated in three paper presentation events at 2nd International Conference on Advanced Trends in Renewable Energy (ICATRE 2023) organized by Nehru Institute of technology, Coimbatore on 29.09.2023 to 30.09.2023.
- Mr. K. Baskar, Assistant Professor has participated in the paper presentation event at National Conference on “Waste to Energy, carbon capture, Utilization and Storage (NCWECCUS-2023) organized by National Institute of Technology, Rourkela on 22.12.2023 to 24.12.2023.



Dr. A. Naveen Sait, Principal, M.I.E.T. Engineering College congratulating the participant

- Mr. R. Manickam, Assistant Professor has participated in the paper presentation event at National Conference on “Waste to Energy, carbon capture, Utilization and Storage (NCWECCUS-2023) organized by National Institute of Technology, Rourkela on 22.12.2023 to 24.12.2023.



Dr. A. Naveen Sait, Principal, M.I.E.T. Engineering College congratulating the participant

- Mr. S. Sathish Kumar, Assistant Professor has participated in the paper presentation event at third International Conference on “New Frontiers in Chemical, Energy and Environmental Engineering (INCEE-2023) organized by National Institute of Technology, Warangal on 24.11.2023 to 25.11.2023.



Mr. S. Sathish Kumar receiving participation certificate from the Chief guest

EVENTS ORGANIZED

GUEST LECTURE'S

- A Guest lecture was conducted on the topic “**The Role of Mechanical Engineers in Modern Society**” for third year students on 23.08.2023.

Dr. S. P. Sivapirakasam, Professor, Department of Mechanical Engineering, National Institute of Technology, Tiruchirappalli was the Resource person.



Guest lecture delivered by Dr. S. P. Sivapirakasam, Professor, Department of Mechanical Engineering, National Institute of Technology, Tiruchirappalli

- A Guest lecture was conducted on the topic “Research Avenue in Additive Manufacturing” for Final year students on 29.08.2023. Dr. V. Senthilkumar, Professor, Department of Production Engineering, National Institute of Technology, Tiruchirappalli was the Resource person.



Guest lecture delivered by Dr. V. Senthilkumar, Professor, Department of Production Engineering, National Institute of Technology, Tiruchirappalli

- A Guest lecture was conducted on the topic “Fundamentals of fluid mechanics and its applications” for second year students on 06.12.2023. Dr. R. B. Anand, Professor, Department of Mechanical Engineering, National Institute of Technology, Tiruchirappalli was the Resource person.



Guest lecture delivered by Dr. R. B. Anand, Professor, Department of Mechanical Engineering, National Institute of Technology, Tiruchirappalli

PARENT’S TEACHER MEETING

The Parents-Teacher meeting for second year students was conducted on 23.11.2023 at B-Block seminar hall. Dr. G. Pranesh, Assistant Professor, class coordinator and other faculty members interacted with the parents and discussed about the student academic performance.



Dr. A. Naveen Sait, Principal, M.I.E.T. Engineering college, Trichy delivering the Presidential address



Parent, student and faculty members interaction during Parents Teachers meeting

INDUSTRIAL VISIT

- Final year students have gone for One day “Industrial visit” at Sea Blue Shipyard Limited, Kochi, Kerala on 23.09.2023. Dr. G. Pranesh, and Mr. S. Sathish kumar, Assistant Professor has accompanied the students.



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

VALUE ADDED COURSES

Final year students have attended Value added course on “MEP-HVAC Design and Training” at CAD/CAM Lab, Department of Mechanical Engineering on 25.10.2023 to 31.10.2023.

- Mr. A. Imran Sheriff, BIM Manager, Mr. P. Kamil, Senior Design Engineer, Unique MEP Engineering Academy Pvt. Ltd. Chennai were the resource persons. Dr. G. Pranesh, and Mr. R. Manickam, Assistant Professor were the course Coordinators.



Resource persons Mr. A. Imran Sheriff, BIM Manager, Mr. P. Kamil, Senior Design Engineer, Unique MEP Engineering Academy Pvt. Ltd. Chennai handled the classes

INSTITUTION OF ENGINEERS (INDIA) IEI STUDENT CHAPTER

- The Institution of Engineers (India) IEI student chapter activity was held on 09.08.2023 at B-Block Seminar Hall organized by department of Mechanical Engineering, M.I.E.T. Engineering college.

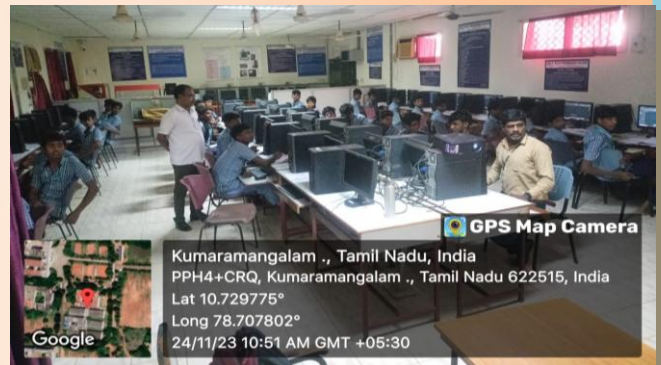
- Dr. K. Panneer Selvam, Associate professor was the resource person and delivered the seminar on “Opportunities and utilization of IEI students membership.”



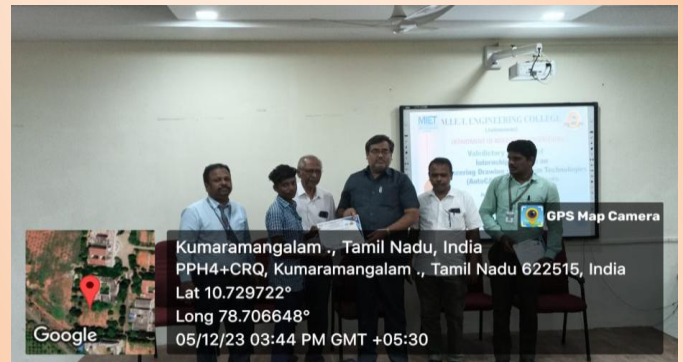
- Dr. K. Panneer Selvam, Associate professor delivering the seminar

INTERNSHIP PROGRAM

An internship program on “Engineering Drawing and Design Technologies (AutoCAD)” for Government Boys Higher Secondary School, Manachallur, Tiruchirappalli was conducted from 22.11.2023 to 05.12.2023 at A-Block CAD/CAM Lab organized by department of Mechanical Engineering, M.I.E.T. Engineering college. Dr. K. Panneer Selvam, Associate professor, Mr. S. Sathish kumar, Mr. R. Manickam and Mr. M. Mohamed Ibrahim, Assistant professors were the resource persons. About 34 students have actively participated in the internship program and received the certificates.



Resource persons Dr. K. Panneer Selvam, Associate professor, Mr. S. Sathish kumar, Mr. R. Manickam and Mr. M. Mohamed Ibrahim, Assistant Professor handling the classes



Dr. A. Naveen Sait, Principal, M.I.E.T. Engineering college, Trichy issuing the course completion certificates to the students

Memorandum of Understanding (MOU)

- The Memorandum of Understanding (MOU) between Department of Mechanical Engineering, M.I.E.T. Engineering College and LIFT INDIA, Trichy was signed on 29.09.2023 which is valid from 29.09.2023 to 28.09.2028.



MOU Mutual Agreement between M.I.E.T. Engineering College and Unique MEP Engineering Academy Private Limited, Chennai

The Memorandum of Understanding (MOU) between Department of Mechanical Engineering, M.I.E.T. Engineering College and Unique MEP Engineering Academy Private Limited, Chennai was signed a MoU on 17.10.2023, which is valid from 17.10.2023 to 16.10.2028.

FACULTY PURSUING Ph.D.

- Mr. K. Baskar, Assistant professor has registered Ph.D under the guidance of Dr. G. Pranesh, Assistant Professor in the year 2023.

Chief Editor

Dr. B. Selvam, Professor & Head

Co- Editor

**Dr. M. Kirubakaran, Associate Professor
&
Mr. R. Narayanan, Assistant Professor**

Students Editors

**N. S. Amjath Hussain
P. Haribalan**