



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 recognised 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-centered 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

- S. Raja Mohamed and, R. Abdul Faizal of final year student has participated in the event "Paper presentation" at the National level Technical Symposium "TECHFEST 2K22" held on 21st October 2022 organized by department of Mechanical Engineering, Paavai College of Engineering, Namakkal.
- B. Mohamed Arif and A.Mohamed Nawaz of final year student has participated in the event "Paper presentation" at the National level Technical Symposium "EFFICIENCY-2K22" held on 29th October 2022 organized by department of Mechanical Engineering, Saranathan College of Engineering, Trichy.
- S.Raja Mohamed and R. Abdul Faizal of final year students has got **second prize** in the event "Paper presentation" at the National level Technical Symposium "TEKCLUSTER 22" held on 29th October 2022 organized by department of Mechanical Engineering, Kongunadu College of Engineering and Technology, Thottiam.
- S. Dinesh and S. Ezhil Muhilan of final year student has participated in the event "Paper presentation" at the National level Technical Symposium "DECIBERTZ 22," held on 30th October 2022 organized by department of Mechanical Engineering, Dhanalakshmi Srinivasan Engineering College (Autonomous), Perambalur.

- T. Thendral of Research Scholar has participated in the event "Workshop on Biomass and waste based - CCHP Applications" held on 19th December 2022 organized by department of Mechanical Engineering, National Institute of Technology, Rourkela.
- T. Thendral of Research Scholar has participated in the event "GIAN course" held on 12.12.2022 - 17.12.2022 organized by Dr B. R. Ambedkar National Institute of Technology, Jalandar.
- E. Ragavan and M. Manimuthu of final year student has participated in the event "workshop" at the Workshop on AUTOCAD Mechanical," held on 10th December 2022 organized by G - Tec Computer Education, Trichy.
- Mr. Sasiram of Research Scholar has participated in the event "Workshop on Recent Advancements in Composite Materials" held on 02.12.2022 organized by Government College of Engineering, Srirangam, Trichy.

FACULTY PARTICIPATIONS

- Dr. G. Pranesh, Assistant Professor has attended faculty development programme on "Advancements in thermal and renewable energy technologies (ATRET-2022)" organized by Lakireddy balireddy college of engineering, Andhra Pradesh on 04.07.2022 to 09.07.2022.

- Mr. K. Baskar, Assistant Professor has attended faculty development programme on “Thermal Engineering-II” organized by University college of Engineering, Villupuram on 18.07.2022 to 23.07.2022.
- Dr. G. Pranesh, Assistant Professor has attended faculty development programme on “Thermal Engineering-II” organized by university college of Engineering, Villupuram on 18.07.2022 to 23.07.2022.
- Mr.R.Manickam, Assistant Professor has attended faculty development programme on “Computational Mechanics” organized by SASTRA Deemed to be University, Tanjore on 25.07.2022 to 29.07.2022.
- Mr.S.Sathishkumar, Assistant Professor has attended faculty development programme on “Computational Mechanics” organized by SASTRA Deemed to be University, Tanjore on 25.07.2022 to 29.07.2022.
- Dr. K. Panneer Selvam, Associate Professor has attended Regional Meet on “Institution’s Innovative council and MoE’s Innovation cell” organized by PSNA college of Engineering and technology, Madurai on 08.08.2022.
- Dr. M. Kirubakaran, Associate Professor has attended Hands on workshop on “Simulation software – Robo Analyzer and Robo DK” organized by Saranathan College of Engineering, Trichy, on 26.09.2022.

- Mr. S. Kumaradevan, Assistant Professor has attended One day Workshop on Recent advancements in composite materials-RACOM 2022 organized by Government college of Engineering, Trichy on 02.12.2022.
- Mr. M. Mohamed Ibrahim, Assistant Professor has attended One day Workshop on Recent advancements in composite materials-RACOM 2022 organized by Government college of Engineering, Trichy on 02.12.2022.
- Mr. S. Sathish Kumar, Assistant Professor has attended Five-day karyashala high-end workshop on Biomass and waste based –CCHP applications organized by National institute of technology, (NIT), Rourkela on 19.12.2022 to 23.12.2022.
- Dr. G. Pranesh, Assistant Professor has attended One day National level Seminar on Role and reach of national education policy (NEP) -2020 in technical education organized by Nehru college of Engineering and research centre, Thrissur, Kerala on 14.12.2022.
- Dr. G. Pranesh, Assistant Professor has participated in the paper presentation event at 1st International National conference on Advanced trends in renewable energy organized by Nehru Institute of technology, Coimbatore on 13.10.2022 to 14.10.2022.
- Dr. G. Pranesh, Assistant Professor has participated in the paper presentation event at National conference on Recent advancement in Engineering and technology (NCRAET’22) organized by Paavai Engineering college, Chennai on 1.11.2022.

- Mr. S. Kumaradevan, Assistant Professor has participated in the paper presentation event at 2nd National conference on Recent innovations in Mechanical Engineering (RIME '2K22) organized by Jai shriram Engineering college, Tirupur on 18.11.2022.
- Dr. G. Pranesh, Assistant Professor has participated in the paper presentation event at 2nd National conference at Recent innovations in Mechanical Engineering (RIME '2K22) organized by Jai shriram Engineering college, Tirupur on 18.11.2022.
- Dr. B. Selvam, Mr. J.S. Veera Jagatheeshwaran, Dr.G.Pranesh, Mr.S. Sathish kumar, Mr. K. Baskar, Mr. R.Manickam, Mr. C.Manikandan, Mr. M. Mohamed Ibrahim, Assistant Professor has participated in the paper presentation event at National conference on Advances in materials, manufacturing, and thermal science (NCAMMT'22) organized by Karpagam Academy of Higher education, Coimbatore on 16.12.2022.

FACULTY PUBLICATIONS / PATENT

- Dr. G. Pranesh, Assistant Professor and Dr. K. Panneer Selvam, Associate professor has published a journal paper on the title "Experimental and simulation results of gasification of biomedical waste and Indian palm kernel shell in a fluidized bed gasifier under steam atmosphere" in the journal

"Proceedings of the Institution of mechanical engineers, part A: Journal of power and energy" 2022;236(7):1433-1445.

- Dr. G. Pranesh, Assistant Professor has published abstract on the title "Experimental results of Co-gasification of municipal solid waste and Indian palm kernel shell in a fluidized bed gasifier under air atmosphere" in the proceedings of 1st International National conference on Advanced trends in renewable energy held at Nehru Institute of technology, Coimbatore on 13.10.2022 to 14.10.2022, ISBN:978-93-5607-323-4.
- Mr. S. Kumaradevan, Assistant Professor has published abstract on the title "Investigation of mechanical properties on graphite reinforced aluminium matrix composite through stir casting technique" in the proceedings of 2nd National conference on Recent innovations in Mechanical Engineering (RIME '2K22) held at Jai shriram Engineering college, Tirupur on 18.11.2022.
- Dr. G. Pranesh, Assistant Professor has published abstract on the title "Investigation of mechanical properties on graphite reinforced aluminium matrix composite through stir casting technique" in the proceedings of 2nd National conference on Recent innovations in Mechanical Engineering (RIME '2K22) held at Jai shriram Engineering college, Tirupur on 18.11.2022.

- Dr. G. Pranesh, Assistant Professor has published abstract on the title “Experimental results of groundnut shell and municipal solid waste Co-gasification in a fluidized bed gasifier” in the proceedings of 2nd National conference on Recent innovations in Mechanical Engineering (RIME ‘2K22) held at Jai shriram Engineering college, Tirupur on 18.11.2022.
- Dr. A. Naveen Sait, Professor and Dr. K. Panneer Selvam, Assistant professor has filed patent on title “Anthropometry based ergonomic design of cartridge head for dental flick” in 2022.

EVENTS ORGANIZED

GUEST LECTURE’S

- A Guest lecture was conducted on the topic “Analytics the way forward for maintenance” for third year students on 30.09.2022. Dr. Malolan Sundararaman, Professor, Department of Management Studies, National Institute of Technology, Tiruchirappalli was the Resource person.



Guest lecture delivered by Dr. Malolan Sundararaman, Professor, Department of Management Studies, National Institute of Technology, Tiruchirappalli

- A Guest lecture was conducted on the topic “Energy and its need for Society” for final year students on 19.10.2022. Dr. K. Pannirselvam, Associate Professor, Department of Mechanical Engineering, National Institute of Technology, Tiruchirappalli was the Resource person.



Guest lecture delivered by Dr. K. Pannirselvam, Associate Professor, Department of Mechanical Engineering, National Institute of Technology, Tiruchirappalli

INDUSTRIAL VISIT

- Final year students have gone for One day “Industrial visit” at Neyveli Lignite Corporation Limited, Neyveli on 03.10.2022.



Students Industrial visit at Neyveli Lignite Corporation Limited, Neyveli

Dr. G. Pranesh, Dr. M. Kirubakaran, Mr. S. Sathish kumar and Mr. S. David kalai selvan, Assistant Professor has accompanied the students.

VALUE ADDED COURSES

- Third year and Final year students have attended Value added course on “SIX SIGMA” at A-Block Conference Hall, on 24.09.2022 to 29.10.2022. Mr. A. H. Mohamed Imran, Business Development Manager, Synergy School of Business Skills, Trichy was the resource person. Dr. M. Kirubakaran, and Mr. J. S. Veera Jegatheeshwaran, Assistant Professor were the course Coordinators.



Mr. A. H. Mohamed Imran, Business Development Manager, Synergy School of Business Skills, Trichy handling the classes

- Third year and Final year students have attended Value added course on “SAP MM” at CAD/CAM Lab, Department of Mechanical Engineering on 24.09.2022 to 29.10.2022. Ms. S. Sabaritha, and Mr. N. Nanda Gopal, Synergy School of Business

Skills, Trichy were the resource persons. Mr. R. Manickam, Assistant Professor was the course Coordinator.



Ms. S. Sabaritha, and Mr. N. Nanda Gopal, Synergy School of Business Skills, Trichy handling the classes

Chief Editor

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&
Mr. R. Narayanan, Assistant Professor**

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