



Kongunadu

College of Engineering & Technology
[Autonomous]

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai, Accredited by NBA(CSE,ECE,EEE & MECH),
Accredited by NAAC with B++ Grade, Recognized by UGC with 2(f) & 12(B) and ISO 9001:2015 Certified Institution)

Namakkal - Trichy Main Road, Tholurpatti (P.O.), Thottiyam (TK), Trichy (Dt.) - 621 215.

DEPARTMENT OF MECHANICAL ENGINEERING



MECHCLUSTER - NEWSLETTER

✿ Editorial Board :

✿ Chief Editors :

- ◆ Dr.D.Jagadeesh, HoD/MECH
- ◆ Dr.K.Periasamy, Prof/MECH

✿ Executive Editors :

- ◆ Dr.G.Saravanan, ASP/MECH
- ◆ Mr.N.Kawin, AP/MECH

✿ Student Editors:

- ◆ Mr.M.Mathan - Final Year MECH
- ◆ Mr. A.Gowtham - Third Year MECH
- ◆ Mr.P.Yuvaraj - Second Year MECH

✿ Contents:

- ◆ College Vision & Mission
- ◆ Department Vision & Mission
- ◆ PEOs, PSOs, POs
- ◆ Department Activities
- ◆ Department Achievements
- ◆ Staff Achievements
- ◆ Student Achievements

✿ Vision

"To become an internationally renowned Institution in technical education, research and development, by transforming the students into competent professionals with leadership skills and ethical values."

✿ Mission

- ✦ Providing the best resources and Infrastructure.
- ✦ Creating Learner centric Environment and continuous – Learning.
- ✦ Promoting Effective Links with Intellectuals and Industries.
- ✦ Enriching Employability and Entrepreneurial Skills.
- ✦ Adapting to Changes for Sustainable Development.

✿ Department Vision & Mission

✿ Vision

To endeavour the excellence in Mechanical Engineering field globally by producing competent and confident graduates to face the future challenges.

✿ Mission

- ✦ Provide transformative education to students and improving their skills to face the global challenges in Mechanical and Allied Engineering.
- ✦ Nurture innovation, attitude, creativity, core competency and serve the society through requisite infrastructure and environment.
- ✦ Inculcate real world challenges, emerging technologies and endeavour the students to become entrepreneurs or employable.

Program Educational Objectives (PEOs)

PEO I : Graduates shall excel in the field of design, thermal, materials and manufacturing, as successful engineers or researchers or as entrepreneurs.

PEO II : Graduates will analyze problems, design solutions and develop products as a team member in advanced industrial projects.

PEO III : Graduates shall have professional ethics, team spirit, life-long learning, good oral and written communication skills and adopt corporate culture, core values and leadership skills.

Program Specific Outcomes (PSOs)

PSO1 : Professional skills : Students shall understand, analyze, design and develop integrated equipment, thermal devices and composite components.

PSO2 : Competency : Students shall qualify at the State, National and International level competitive examination for employment, higher studies and research.

Program Outcomes (POs)

Engineering Graduates will be able to:

1. Engineering knowledge : Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

2. 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.

3. 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.

4. 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.

5. 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.

6. 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.

7. 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.

8. Ethics : Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

9. Individual and team work : Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

10. 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.

11. 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.

12. 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.

Department Activities

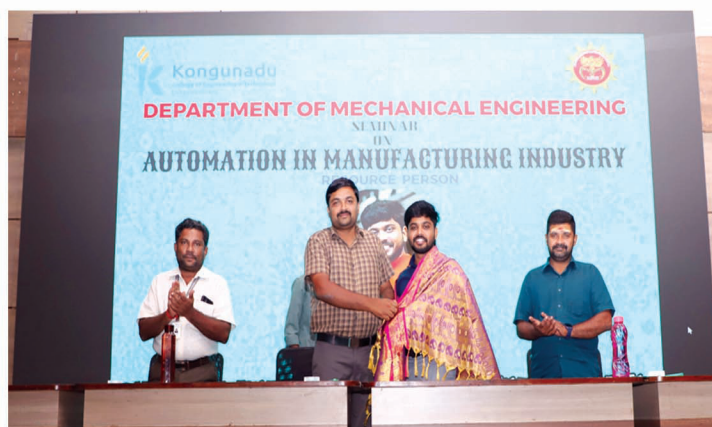
Programmes organized by the Department

Internal Activities

METAS Valedictory Function & Seminar on "Professional Opportunities in Foreign Languages" was organized on 21.03.2025. The resource person was Mr.Kumar Palanisamy, CEO-Director, iTOKOYO Academy., Coimbatore.



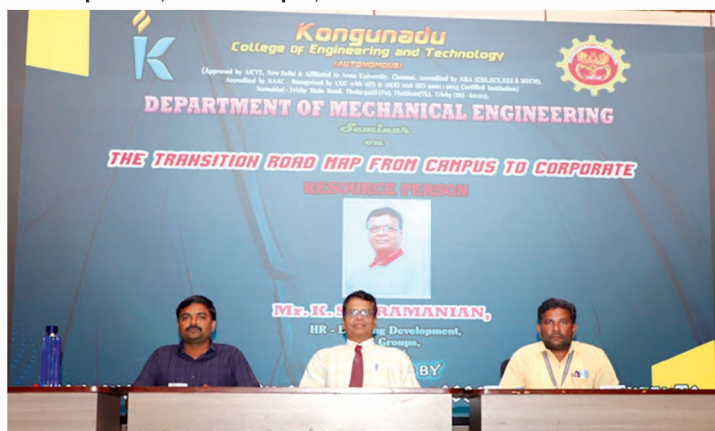
Seminar on "Automation in Manufacturing Industry" was organized on 13.03.2025. The resource person was Mr.S.Boopathi Raja, Alumni (Batch : 2015-2019), Sales Head, Ashok Textile Mills Pvt., Ltd., Namakkal.



Seminar on "Opportunities in global Logistics and supply Chain Management" was organized on 15.02.2025. The resource person was Mr.S.Lokeshkanna, (Alumni - 2010-2014 Batch), Manager - Fleet Control Operation, NTC Logistics India Pvt. Ltd., Namakkal.



Seminar on "The Transition Road Map from Campus to Corporate" was organized on 25.01.2025. The resource person was Mr.K.Subramanian, HR-Learning and Development, TVS Groups., Chennai.



SAE Club Activities

Valedictory Function and Three days workshop on "Fixed Wings UAVs" was organized from 24.03.2025 to 26.03.2025. The resource person was Mr.M.Yuvaraj, CEO Sky Rider Aero Solutions, Chennai.



Seminar on "Industrial Road Safety" was organized on 15.03.2025. The resource person was Mr.P.Balasubramaniam, Manager, Bharat Heavy Electricals Limited, Chennai.



Hackathon

Intra College Hackathon "KROTAS-2K25" was organized on 27.03.2025. The resource person was Mr.M.Yuvaraj, CEO, Skyrider Aerosolutions, Chennai, Dr.M.Vivekanandan, CEO-TRYCAE Industrial Engineering Pvt., Ltd., Trichy and Mr.S.Samraj, CTO, Skyrider Aerosolutions, Chennai.



External Activities

Workshop / Seminar

Workshop on "Recent Trends in Additive Manufacturing" was organized on 21.03.2025. The resource persons were Dr.N.Ravikumar, AP/ Mech and Mr.N.Kawin, AP/Mech, KNCET.

Workshop on "Fundamentals of 3D Modelling and Product Design using Solidworks" was organized on 03.04.2025. The resource persons were Dr.N.Ravikumar, AP/-Mech, KNCET and Dr.M.Vivekanandan, CEO, TryCAE Industrial Engineering Pvt. Ltd., Trichy.



FDP / STP

FDP on "Welding in the Digital Age: Emerging Trends and Advanced Technologies" was organized from 07.04.2025 to 11.04.2025.

NITTTR-Online Short-Term Course on "Methods of Research and Publication Ethics" was organized from 17.02.2025 to 21.02.2025.



Conference Organized

National Level Conference on “Challenges and Opportunities for Mechanical Engineers (COME-2025)” was organized on 02.04.2025.

Entrepreneurship Development Cell (EDC) Activities

Seminar on “Entrepreneurial Leadership and Management” was organized on 20.03.2025. The resource persons were Dr.I.Balakrishna, Joint Director/Scientist, MIETY, Government of India, Ms.Malathi Ramakrishna, Senior Manager, REVA NEST, Reva University and Dr.Rajashekhar C Bridayar, Pro Vice Chancellor, Reva University, Bangalore.



Seminar on “Fostering Entrepreneurial Culture among Students” was organized on 13.03.2025. The resource person was Mr.G.Agilan, Managing Director & CEO, Kairaa Blockchain, Coimbatore.



Higher Education Cell

Webinar on “How to Crack the GATE” was organized on 17.04.2025. The resource person was Mr.S.Prakash, R&D Engineer, IM Gears Pvt. Ltd., Chennai.

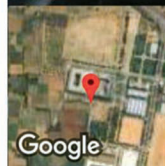


Technical Awareness Programme on GATE was organized on 06.03.2025. The resource person was Mr.N.Jayaprakash, ACE Engineering Academy, Tamilnadu.



Kongunadu Innovation Council

Seminar on “Intellectual Property Rights (IPRs) and IP Management for Startups” was organized on 28.04.2025. The resource person was Dr.T.Rajamanikandan, Head IPR, KNCET.



Tholurpatti, Tamil Nadu, India

277x+mf4, Tiruchengode - Namakkal - Trichy Rd,
Tholurpatti, Tamil Nadu 621215, India
Lat 11.014755° Long 78.297522°
28/05/2025 10:27 AM

Seminar on “Tradition meets Technology : Uniting Generations to Beat Plastic Pollution” was organized on 30.05.2025. The resource person was Mr.M.Sakthivel, AP/Civil, KNCET.



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Namakkal- Trichy Main Road, Tholurpatti, Thottiam, Tiruchirappalli - 621215.

TNEA CODE
3826

Kongunadu Innovation Council
in association with
Department of Mechanical Engineering

Celebrates
World Environment Day

2024 - 2025
**TRADITION MEETS TECHNOLOGY :
UNITING GENERATIONS TO BEAT
PLASTIC POLLUTION**



Resource Person
**Mr. M. SAKTHIVEL,**
Assistant Professor,
Department of Civil Engineering,
Innovation Ambassador of KIC,
Kongunadu College of Engineering and Technology
Trichy

05 JUNE 2024
02.00 PM TO 03.00 PM
Mechanical Smart Class Room


More information call us
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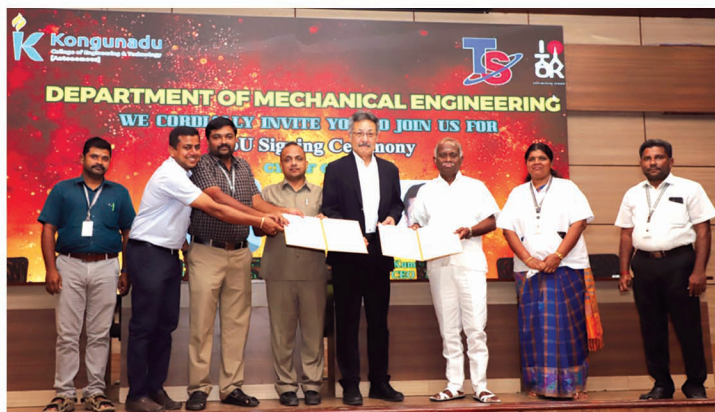
Multimedia Club

“Valedictory Function and Concert – MASK2K25” was organized on 29.03.2025. The Chief Guests were Mr.Naveen Kumar, Artist, Vijay Networks and Mr.Anandagopan, Singer, Vijay Networks.



Department Achievements MOU Signed

MOU was signed with Technosmile India Pvt. Ltd., Japan on 21.03.2025.



Consultancy Work

Project Titled "Fabrication Drawing Preparation of Duct and Supporting Structure of UDUPI 2x660 MW Flue gas Desulphurization Project of ADANI Power plant at UDUPI, Karnataka" was funded an amount of Rs4,00,000/- by TryCAE Industrial Engineering Pvt. Ltd., Trichy.



Publication in Journals

Saravanakumar Sengottaiyan, Sathiyamurthy Subbarayan, Ravikumar Natarajan, Vishnupriya Gurunathan, "Synergistic Effects of NaOH Treatment and Ceramic Fillers on the Mechanical and Tribological Behavior of Roselle Fiber Reinforced Epoxy Composites", Fibers and Polymers, (Published Online)

Saravanakumar Sengottaiyan, Sathiyamurthy Subbarayan, Ravikumar Natarajan, Vishnupriya Gurunathan, "Enhancing mechanical, degradation, and tribological properties of biocomposites via treatment and alumina content", Journal of Reinforced Plastics and Composites, (Published Online).

Dhiravidamani Periyasamy, Jagadeesh Duraisamy, Sami Al Obaid, Venkatesh Rathinavelu, "Aluminium Alloy Nanocomposite Featured with Barium and Silicon Carbide Nanoparticles: Mechanical and Wear Studies", Silicon, (Published Online).

Rajarajan R, Parthiban A, R.Venkatesh, Karthigairajan.M, S.Prabakaran, N.Kawin, "Improving tribological performance and structural analysis of aluminium hybrid nanocomposites with nano ZrO₂/SiC reinforcement via stir casting assisted with ultrasonic vibration", International Journal of Cast Metals Research, (Published Online).

G.Tharanitharan, C.Saravanan, P.Raja, R.T.Ajaykarthik, "Investigation of temperature and water aging effects on epoxy composites reinforced with natural fibers and surface-modified cellulose filler", Polymer Bulletin, (Published Online).

S.Kumaran, S.Navaneethan, G.Nagalalli, K.Kalaiarasi, M.Dineshkumar, "Fabrication of 2D rGO decorated In₂O₃ hybrid sensor for efficient NO₂ detection", Journal of Materials Science: Materials in Electronics, (Published Online)

Selvarajan.L, Prakash.B, Niranjan.T, Madhava Reddy.S, Singaravel.B,Periasamy.K, "A critical insight into the use of EDM for machining advanced ceramic composites – a review", Machining Science and Technology, (Published Online)

C.Suresh, D.R.P.Rajarathnam, A.P.Sivasubramaniam, G.Saravanan, "Investigation of the Wear-Resistance Characteristics of Alumina-Zirconia-Titania-Coated Al-6061 Alloy for Different Processing Parameters", Materiali in Tehnologije(Materials and Technology), Vol.59, No.2, pp. 307-314.

Mohankumar Subramanian, Naveenkumar Raju, Rajasekar Rathnasamy, Gobinath Velu Kaliyannan, "Tribological and Mechanical behavior of Al359 Composites reinforced with B₄Cp, SiCp and flyash", Material Testing, Vol. 60, No.7, pp.12315-1223.

Publication in International Conferences

Mr.S.Kumaravel, "AI Driven Fault Detection in Vacuum Conveyors for Industrial Automation", International Conference on Advances in Automobile, Manufacturing, Automation and Mechanical Engineering on 19.03.2025

Mr.M.Maniyarasan, "Characteristic Analysis of Machining Parameters on Surface Finish in Textile Machine Components", International Conference on Advances in Automobile, Manufacturing, Automation and Mechanical Engineering on 19.03.2025

Mr.S.Kumaravel, "Experimental Studies on the Enhancement of Optical and Oxygen Barrier Properties of Biodegradable PLA/PBAT Films for Food and Garments Packaging applications", International Conference on Advances in Automobile, Manufacturing, Automation and Mechanical Engineering on 19.03.2025

Dr.P.Muthukumar, "Heat Recovery from Boiler blowdown using Heat Exchanger Systems", International Conference on Advances in Automobile, Manufacturing, Automation and Mechanical Engineering on 19.03.2025

Dr.P.Muthukumar, "Optimizing CNC Machining Parameters and Coated Tool Inserts for Textile machine roller Manufacturing", International Conference on Advances in Automobile, Manufacturing, Automation and Mechanical Engineering on 19.03.2025

Dr.N.Sivashankar, "Improving the heat Transfer of Shell and Tube Heat Exchanger by using Copper tube inserts-CFD Approach", International Conference on Advances in Automobile, Manufacturing, Automation and Mechanical Engineering on 19.03.2025

Mrs.V.Selvam, "Fabrication and Testing of Sugarcane Bud Cutting machine", International Conference on Advances in Automobile, Manufacturing, Automation and Mechanical Engineering,

Mr.Ra.Aravind, "Development of PLA/PBAT based New Generation Biodegradable Plastics with enhanced Thermal Stability and Mechanical Properties", International Conference on Advances in Automobile, Manufacturing, Automation and Mechanical Engineering on 19.03.2025.

Mr.R.Periyasamy, "Design and Analysis of Cleated type Plastic Belt Conveyor for Broke Pulper", International Conference on Advances in Automobile, Manufacturing, Automation and Mechanical Engineering on 19.03.2025.

Mr.M.Dineshkumar, "CFD Analysis and Evaluation of Performance for Centrifugal Fan using Wind Tunnel Testing", International conference on Computational Intelligence and Industry 5.0 on 21.03.2025 and 22.03.2025.

Mr.G.Selvakumar, "Manufacturing of Titanium Power Cell Enclosures for High Performance Applications", International conference on Computational Intelligence and Industry 5.0 on 21.03.2025 and 22.03.2025.

Mr.S.Mohankumar, "Defect Analysis in CNC Turning of Top Bearing Housing Components using the 4M Approach", International Conference on Engineering Technology and Science on 28.03.2025.

Dr.K.Periasamy, "Design and Fabrication of Automatic Toll Gate System", International Conference on Engineering Technology and Science on 28.03.2025.

Mr.S.K.Karthikeyan, "Enhancing the Efficiency of Juice Heater by utilizing Waste Hot Water", International Conference on Engineering Technology and Science on 28.03.2025.

Mr.S.K.Karthikeyan, "Design and Fabrication of Flame Stabilization Technique using Conical Flame Holder", International Conference on Engineering Technology and Science on 28.03.2025.

Mr.M.Maniyarasan, "Analysis of Mechanical Properties in SMAW Welded Material", International Conference on Engineering Technology and Science on 28.03.2025.

Mr.N.Kawin, "Investigation of Heat Transfer rate in Shell and Tube Heat Exchanger", International Conference on Engineering Technology and Science on 28.03.2025.

Mr.S.Chandrakumar, "Experimental Investigation of Hybrid Epoxy Filler Composites with Kevlar and Pineapple Fibers", International Conference on Engineering Technology and Science on 28.03.2025.

Mr.V.Muthukumar, "Experimental Analysis for Optimizing Cutting Parameters on Horizontal CNC Turning Machine", International Conference on Engineering Technology and Science on 28.03.2025.

Mr.C.Dineshbabu, "Improving Quality and Reducing Rejects in the production line Via Poka-Yoke Techniques", International Conference on Innovations in Engineering, Computing and Smart Technologies on 29.03.2025.

Mr.R.Arivazhagan, "The Design of Electric Induction Steam Boiler", International Conference on Innovations in Engineering, Computing and Smart Technologies on 29.03.2025.

Mr.Ra.Aravind, "Elimination Drill Offset in Bush Fixtures using Root Cause Analysis", International Conference on Innovations in Engineering, Computing and Smart Technologies on 29.03.2025

Mr.R.Karthick, "Innovative Design of Jigs and Fixtures for precision Machining on 3-axis Vertical CNC Machining Centres", International Conference on Innovations in Engineering, Computing and Smart Technologies on 29.03.2025.

Mr.P.Raja, "Fabrication of Décor Windows from Broken Solar Panel Glass", International Conference on Innovations in Material Science, Technology, Engineering and Management for Sustainable Development on 31.03.2025.

Dr.G.Saravanan, "Influence of nano Sized SiC and Flax Fiber on Characteristics study of Polyethylene hybrid Composites", AIP Conference Proceedings, (<https://doi.org/10.1063/5.0258624>)

Dr.G.Saravanan, "Merging actions and functional behaviour of Epoxy Composite made with e-glass fiber for non structural applications", AIP Conference Proceedings, (<https://doi.org/10.1063/5.0258623>)

Mr.R.Arivazhagan, "Enrichment of polyester matrix by the action of abaca fiber and silicon carbide particle : Characteristics study", AIP Conference Proceedings (<https://doi.org/10.1063/5.0258607>)

Mr.R.Arivazhagan, "Featuring with sodium hydroxide processed bast fiber made polypropylene composite : Behaviour investigation", AIP Conference Proceedings (<https://doi.org/10.1063/5.0258609>)

🌸 Publication in National Conferences

Mr.E.Sivaprakash, "Innovation in Hybrid Photovoltaic Systems: Boosting the Solar Panel Efficiency", National Conference on Challenges and Opportunities for Mechanical Engineers on 02.04.2025.

Mr.E.Sivaprakash, "Efficiency Evaluation of a Header and Riser Solar Module enhanced with Silica Sand", National Conference on Challenges and Opportunities for Mechanical Engineers on 02.04.2025.

Dr.N.Ravikumar, "Increasing Productivity by reducing waste through implementation of Lean Manufacturing Techniques", National Conference on Advancements in Mechanical Systems on 03.04.2025.

Mr.S.Mohankumar, "Study of the Behaviour of Various Mild Steel Grades during the Machining process using a CNC Turning Machine", National Conference on Advancements in Mechanical Systems on 03.04.2025.

🌸 FDP Attended

Mr.S.K.Karthikeyan, **ASP, Mechanical Engineering Department attended**

• FDP on "Finite Element Analysis" in Sree Sakthi Engineering College from 06.01.2025 to 10.01.2025

Dr.P.Muthukumar, **ASP, Mechanical Engineering Department attended**

• FDP on "Finite Element Analysis" in Sree Sakthi Engineering College from 06.01.2025 to 10.01.2025

Mr.J.Mahendran, AP, Mechanical Engineering Department attended

- FDP on “Finite Element Analysis” in Sree Sakthi Engineering College from 06.01.2025 to 10.01.2025

- FDP on “Product Design and Manufacturing” in NPTEL-SWAYAM from Jan-Apr 2025.

- FDP on “Industrial Automation” in AICTE from 17.03.2025 to 31.03.2025.

Dr.A.Nithya, ASP, Mechanical Engineering Department attended

- FDP on “Advanced Materials for Defence and Aerospace Applications” in Balari Institute of Technology & Management from 27.01.2025 to 01.02.2025.

- FDP on “Industrial Automation” in AICTE from 17.03.2025 to 31.03.2025

- FDP on “Advertising & Promotions Management” in NPTEL-SWAYAM from Jan-Apr 2025.

Mr.M.Dineshkumar, AP, Mechanical Engineering Department attended

- FDP on “Advanced Materials for Defence and Aerospace Applications” in Balari Institute of Technology & Management from 27.01.2025 to 01.02.2025.

Mr.P.Raja, AP, Mechanical Engineering Department attended

- FDP on “Science, Technology and Innovation for Sustainable Development” in NITTTR from 27.01.2025 to 31.01.2025

Mr.R.Periyasamy, AP, Mechanical Engineering Department attended

- FDP on “Science, Technology and Innovation for Sustainable Development” in NITTTR from 27.01.2025 to 31.01.2025.

Dr.K.Periasamy, Prof, Mechanical Engineering Department attended

- FDP on “Methods of Research and Publication Ethics” in NITTR from 17.02.2025 to 21.02.2025

- FDP on “Computer Integrated Manufacturing” in NPTEL-SWAYAM from Jan-Apr 2025.

Mr.R.Arivazhagan, ASP, Mechanical Engineering Department attended

- FDP on “Methods of Research and Publication Ethics” in NITTR from 17.02.2025 to 21.02.2025.

Dr.N.Ravikumar, AP, Mechanical Engineering Department attended

- FDP on “Methods of Research and Publication Ethics” in NITTR from 17.02.2025 to 21.02.2025.

- FDP on “Industrial Automation” in AICTE from 17.03.2025 to 31.03.2025

Mr.C.Dineshbabu, AP, Mechanical Engineering Department attended

- FDP on “Methods of Research and Publication Ethics” in NITTR from 17.02.2025 to 21.02.2025.

- FDP on “Industrial Automation” in AICTE from 17.03.2025 to 31.03.2025.

Mr.R.Karthik, AP, Mechanical Engineering Department attended

- FDP on “Methods of Research and Publication Ethics” in NITTR from 17.02.2025 to 21.02.2025.

Mr.Ra.Aravind, AP, Mechanical Engineering Department attended

- FDP on “Methods of Research and Publication Ethics” in NITTR from 17.02.2025 to 21.02.2025.

Mr.E.Sivaprakash, AP, Mechanical Engineering Department attended

- FDP on “Methods of Research and Publication Ethics” in NITTR from 17.02.2025 to 21.02.2025.

Mr.V.Senthilnathan, AP, Mechanical Engineering Department attended

- FDP on “Methods of Research and Publication Ethics” in NITTR from 17.02.2025 to 21.02.2025.

Mr.M.Maniyarasan, AP, Mechanical Engineering Department attended

- FDP on “Methods of Research and Publication Ethics” in NITTR from 17.02.2025 to 21.02.2025.

Dr.G.Saravanan, Prof, Mechanical Engineering Department attended

- FDP on “Computer Integrated Manufacturing” in NPTEL-SWAYAM from Jan-Apr 2025.

Workshop / Seminar / Webinar

Mr.M.Dineshkumar, AP, attended workshop on “CAD” at Bannari Amman Institute of Technology on 01.02.2025.

Dr.P.Muthukumar, ASP, attended workshop on “Intelligent Welding Techniques” at Indian Welding Society on 13.02.2025.

Dr.N.Sivashankar, AP, attended workshop on “Intelligent Welding Techniques” at Indian Welding Society on 13.02.2025.

Dr.D.Jagadeesh, Prof, attended workshop on “Design and Installation of Solar PV System” at Shree Venkateshwara Hi-Tech Engineering on 18.02.2025.

Dr.K.Periasamy, Prof, attended workshop on “Design and Installation of Solar PV System” at Shree Venkateshwara Hi-Tech Engineering on 18.02.2025.

Mr.S.Chandrakumar, AP, attended workshop on “Design and Installation of Solar PV System” at Shree Venkateshwara Hi-Tech Engineering on 18.02.2025.

Mr.N.Kawin, AP, attended workshop on “Design and Installation of Solar PV System” at Shree Venkateshwara Hi-Tech Engineering on 18.02.2025.

Mr.R.Arivazhagan, ASP, attended workshop on “Advanced Composite” at K.Ramakrishnan College of Technology on 07.03.2025.

Dr.N.Ravikumar, AP, attended workshop on “Advanced Composite” at K.Ramakrishnan College of Technology on 07.03.2025.

Mr.R.Periasamy, AP, attended workshop on “Advanced Composite” at K.Ramakrishnan College of Technology on 07.03.2025.

Mr.J.Mahendran, AP, attended workshop on “Advanced Composite” at K.Ramakrishnan College of Technology on 07.03.2025.

Dr.K.Periasamy, Prof, attended workshop on “Commercial Heavy Vehicle Familiarization” at NTC Training Academy LLP on 11.03.2025.

Dr.N.Ravikumar, AP, attended workshop on “Commercial Heavy Vehicle Familiarization” at NTC Training Academy LLP on 11.03.2025.

Mr.P.Raja, AP, attended workshop on “Commercial Heavy Vehicle Familiarization” at NTC Training Academy LLP on 11.03.2025.

Mr.C.Dineshbabu, AP, attended workshop on “Commercial Heavy Vehicle Familiarization” at NTC Training Academy LLP on 11.03.2025.

Mr.S.Mohankumar, AP, attended workshop on “Commercial Heavy Vehicle Familiarization” at NTC Training Academy LLP on 11.03.2025.

Mr.E.Sivaprakash, AP, attended workshop on “Commercial Heavy Vehicle Familiarization” at NTC Training Academy LLP on 11.03.2025.

NPTEL Courses

Dr.K.Periasamy, Prof, had successfully completed 12 weeks NPTEL course on Computer Integrated Manufacturing.

Dr.G.Saravanan, ASP, had successfully completed 12 weeks NPTEL course on Computer Integrated Manufacturing.

Mr.R.Arivazhagan, ASP, had successfully completed 12 weeks NPTEL course on Product Design and Manufacturing.

Dr.N.Sivashankar, AP, had successfully completed 12 weeks NPTEL course on Advances in Manufacturing Materials : Current Status and Emerging Opportunities.

Dr.A.Nithya, ASP, had successfully completed 12 weeks NPTEL course on Advertising & Promotions Management.

Mr.J.Mahendran, AP, had successfully completed 12 weeks NPTEL course on Product Design and Manufacturing.

Students Achievement

Prize Winners

Dharmaraj.K, II Year won Third Prize in “Machining” conducted at Annapoorna Engineering College on 04.04.2025.



III Year (6 Students) won First Prize in “Drone Racing” conducted at Kongunadu College of Engineering and Technology on 27.03.2025.



III Year (6 Students) won Second Prize in “Drone Racing” conducted at Kongunadu College of Engineering and Technology on 27.03.2025.



II Year (15 Students) won First Prize in “RC Plane Racing” conducted at Kongunadu College of Engineering and Technology on 27.03.2025.



III Year (15 Students) won Second Prize in “RC Plane Racing” conducted at Kongunadu College of Engineering and Technology on 27.03.2025.



II Year (15 Students) won Third Prize in “RC Plane Racing” conducted at Kongunadu College of Engineering and Technology on 27.03.2025.

II Year (15 Students) won Third Prize in “RC Plane Racing” conducted at Kongunadu College of Engineering and Technology on 27.03.2025.



Manickavel.S, IV Year won First Prize in “Designathon” conducted at Kongunadu College of Engineering and Technology on 27.03.2025.



Barathkumar.K, IV Year won Second Prize in “Designathon” conducted at Kongunadu College of Engineering and Technology on 27.03.2025.



Palanimuthu T, III Year won Third Prize in “Designathon” conducted at Kongunadu College of Engineering and Technology on 27.03.2025.



Yogesh S and Vigneshwaran K, II Year won First Prize in “Brain Blast” event conducted at Selvam College of Technology on 26.03.2025.

Santhoshkumar K, III Year won First Prize in “Paper Presentation” conducted at AVS College of Technology on 24.03.2025.

Santhoshkumar K, III Year won Third Prize in “Connections” conducted at AVS College of Technology on 24.03.2025.

Sudharsan M and Shaileshwaran SS, III Year won First Prize in “Short Film” conducted at AVS College of Technology on 24.03.2025.



Sethuvignesh P, III Year won Third Prize in “Technical Quiz” conducted at AVS College of Technology on 24.03.2025.

Ranjithkumar R, III Year won First Prize in “Technical Quiz” conducted at AVS College of Technology on 24.03.2025.



Nallaiyan.P and Ragunath.M, III Year won First Prize in "Project Presentation" conducted at Selvam College of Technology on 21.03.2025.



Srinath.B, Vaidesh.A and Vignesh.M, III Year won Fourth Prize in "Drone Obstacle" conducted at Coimbatore Institute of Technology on 21.03.2025.



Deepasri.K, II Year won Second Prize in "Paper Presentation" conducted at NSN College of Engineering and Technology on 20.03.2025.

Deepasri.K, II Year won Second Prize in "Model Making" conducted at NSN College of Engineering and Technology on 20.03.2025.



Kiruthika Sri, Deepika S and Varshini M, II and III Year won First Prize in "Paper Presentation" conducted at SNS College of Technology on 20.03.2025.



Manish L and Bhuvaneshwaran T, III Year won First Prize in "Drone Racing" conducted at Oasys Institute of Technology on 14.03.2025.



Mahesh Boopathy A, IV Year won First Prize in "Project Presentation" conducted at KPR Institute of Engineering and Technology on 14.03.2025.

Kirubahar.R, II Year won Second Prize in "24-Hours Intra Hackathon" conducted at Kongunadu College of Engineering and Technology on 12.03.2025 & 13.03.2025.

Mukesh.S, II Year won First Prize in "Meme Creation" conducted at Kongu Engineering College on 10.03.2025.

Mugiswaran.S, II Year won Third Prize in "Speech Competition" conducted at Hindustan College of Arts and Science on 14.02.2025.



Conference Attended

In our department totally 53 Students (IV Year) were presented a paper in 05 different International and National Conferences from January 2025 to June 2025.

Paper Presentation

Balasubramani.K, II Year attended Paper presentation at Mahendra Engineering College on 04.04.2025.

Gogul N and Kirubahar R, II Year attended Paper presentation at Dhanalakshmi Srinivasan Engineering College on 04.04.2025.

II Year (4 students) attended Paper presentation at Annapoorna Engineering College on 04.04.2025.

II Year (6 students) attended Paper presentation at Selvam College of Technology on 26.03.2025.

III Year (9 students) attended Paper presentation at AVS College of Technology on 24.03.2025.

II Year (20 students) and III Year (9 Students) attended Paper presentation at Selvam College of Technology on 21.03.2025.

Harishraga A and Hemachandran A, II Year attended Paper presentation at JCT College of Engineering and Technology on 21.03.2025.

II Year (4 students) attended Paper presentation at Shree Sakthi College of Engineering and Technology on 21.03.2025.

II Year (6 students) and III Year (5 Students) attended Paper presentation at Selvam College of Technology on 20.03.2025.

II Year (4 students) and III Year (3 Students) attended Paper presentation at SNS College of Technology on 20.03.2025.

III Year (3 Students) attended Paper presentation at Sri Ramakrishna Engineering College on 17.03.2025.

II Year (4 Students) and III Year (12 Students) attended Paper presentation at Selvam College of Technology on 14.03.2025.

Mathan.C and Nathish.R, II Year attended Paper presentation at Kongu Engineering College on 14.03.2025.

Nagulanraj N and Nanthakumar A, III Year attended Paper presentation at Oasys Institute of Technology on 14.03.2025.

II Year (5 students) attended Paper presentation at Karpagam College of Engineering on 15.03.2025.

II Year (3 students) attended Paper presentation at Sri Ramakrishna Engineering College on 12.03.2025.

II Year (4 students) attended Paper presentation at Muthayammal College of Engineering on 11.03.2025.

II Year (18 students) and III Year (9 Students) attended Paper Trix at Kongu Engineering College on 10.03.2025.

III Year (6 students) attended Paper presentation at Knowledge Institute of Technology on 22.02.2025.

II Year (5 students) and III Year (4 Students) attended Paper Presentation at P.A. College of Engineering and Technology on 22.02.2025.

II Year (2 students) and III Year (5 Students) attended Paper Presentation at Sri Eashwar College of Engineering on 22.02.2025.

III Year (5 students) attended Paper presentation at Kongu Engineering College on 15.02.2025.

III Year (4 students) attended Paper presentation at Bannari Amman Institute of Technology on 15.02.2025.

II Year (4 students) attended Paper presentation at Karpagam Academy of Higher Education on 15.02.2025.

III Year (5 students) attended Paper presentation at Kongu Engineering College on 13.02.2025.

II Year (6 students) attended Slide Pitch at Karpagam Institute of Technology on 06.02.2025.

II Year (4 students) attended Paper presentation at Bannari Amman Institute of Technology on 01.02.2025.

🌸 Project Presentation

Surendar B, III Year attended Project Expo at Sri Eashwar college of Engineering on 22.03.2025.

II Year (12 Students) and III Year (5 Students) attended Project Presentation at Selvam college of Technology on 21.03.2025.

II Year (6 Students) and III Year (3 Students) attended Project Presentation at Selvam college of Technology on 20.03.2025.

Mahesh Boopathy A and Monish S, IV Year attended Project Presentation at KPR Institute of Engineering and Technology on 14.03.2025.

II Year (3 Students) and III Year (5 Students) attended Project Ignite at Kongu Engineering College on 10.03.2025.

🌸 Workshop / Seminar / Webinar

In our department totally 362 Students (II, III & IV Year) were attended different workshops from January 2025 to June 2025.

🌸 Technical Events

In our department totally 244 Students (II, III & IV Year) attended in various Technical Events from January 2025 to June 2025.

🌸 NPTEL Course

In our department totally 81 Students (III Year) had successfully completed the 12 weeks NPTEL Course.

🌸 Industrial Visit

- PRS Tyres Pvt. Ltd., Namakkal,
- Kothari Sugars and Chemical Ltd., Trichy
- Tiruchirappalli Engineering and Technology Cluster (TREAT), Trichy,
- SAIL- Steel Plant, Salem.

🌸 Placement Details

S.NO	NAME OF THE COMPANY	NO. OF OFFERS	SALARY
1	TryCAE Industrial Engineering Pvt. Ltd.	05	3.1 LPA
2	Harita Techserv Pvt. Ltd.	27	3 – 3.5 LPA
3	Cognizant Technology Solutions (CTS)	01	4 LPA
4	Mangala Smart Energy Solutions	05	3 LPA
5	Anand Engineering Products Pvt. Ltd.	22	2.4 LPA
6	Janatics India Pvt. Ltd.	07	3 LPA
7	Texmo Industries	08	2.5 LPA
8	Aquasub Engineering	21	2.5 LPA
9	Pacific Engineered surface Pvt. Ltd.	03	3 LPA
10	MITSUBA India Pvt. Ltd.	15	2.5 LPA
11	Sutherland Global Service Pvt. Ltd.	07	2.5 LPA
12	Conserv Solutions	02	3 LPA
13	TVS Sundaram Fastners Ltd.	07	2.5 LPA
14	Daebu Automotive Seat India Pvt. Ltd.	22	2.5 LPA
15	Gestamp Automotive Chennai Pvt. Ltd.	23	2.5 LPA
16	Pegatron Technology India Pvt. Ltd.	05	3 LPA
17	JBM Ltd.	10	2.5 LPA
TOTAL		189	

🌸 Value Added Courses

- SOLIDWORKS
- CATIA



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