



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 :

- ◆ Mr.C.Dineshababu, AP/MECH
- ◆ Mr.N.Kawin, AP/MECH

✿ Student Editors:

- ◆ Mr.S.Pradeep kumar - Final Year MECH
- ◆ Mr.B.Srinath - Third Year MECH
- ◆ Mr.A.Gowtham - Second Year MECH

✿ Contents:

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✿ 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 Inaugural Function & Seminar on "Entrepreneurial and Career Opportunities for Mechanical Engineers in Perspective of Aerospace Sector" was organized on 19.07.2024. The resource person was Mr.C.S.Karunakaran, Honorary Secretary General, IAAA, Founder & CEO, Pullinam Aerospace Technologies Pvt. Ltd., Thanjavur.



Seminar on "Latest Technological Trends and Career Opportunities" was organized on 17.08.2024. The Resource person was Mr.S.Ravichandran, Assistant Manager, HR Training and Development, JBM Groups, Hosur.



Guest Lecture on "Proficiency with Digital Tools and Technology" was organized on 19.09.2024. The resource person was Dr.Gandham Phanikumar, Professor, Department of Metallurgical and Materials Engineering, Indian Institute of Technology Madras, Chennai.



Seminar on “Engineering Design in the Age of Technology: Now Frontiers and Career Paths” was organized on 26.09.2024. The resource person was Mr.A.Vijeshkumar, Manager -T alent Development, TVS Harita Tehserv Pvt., Ltd., Coimbatore.



External Activities

Workshop on “Additive Manufacturing” was organized on 26.10.2024. The resource persons were Dr.N.Ravikumar,AP/- Mech, and Mr.N.Kawin, AP/Mech Kongunadu College of Engineering & Technology, Thottiam.



Workshop on “Exploring the Fundamentals of 2D & 3D in AutoCAD” was organized on 23.11.2024. The resource persons were Dr.P.Muthukumar, ASP/Mech & Mr.S.K.Karthikeyan, ASP/Mech, Kongunadu College of Engineering & Technology, Thottiam.



SAE Club Activities

Inaugural Function & Seminar on “Recent trends on Autonomous Vehicles” was organized on 26.07.2024. The resource person was Dr.V.Arul Mozhi Selvan,M.E.,Ph.D, Professor, Mechanical Engineering, NIT, Trichy.



Student Convention 2024- “TIER – I LEVEL” was organized on 04.09.2024.

Motivational Speech on “Shaping the Future with Positive Attitude” was organized on 05.10.2024. The resource person was Mr.Manoharan Govindan, Operations Head-South, Neel Metal Products Ltd, JBM Groups, Hosur.



Symposium

National Level Technical Symposium “TEK CLUSTER-24” was organized on 21.09.2024. The resource person was Mr.K.Subramanian, HR Learning & Development, TVS Group, Chennai.



Entrepreneurship Development Cell (EDC) Activities

Inaugural Function & Seminar on “Ignite Your Passion and Awaken the Entrepreneurial Spirit” was organized on 18.10.2024. The resource person was Mr.J.Prabakaran, Founder, Vinayaga Industries.



Seminar on “The Impact of Risk Tolerance on Entrepreneurial Success” was organized on 21.11.2024. The resource person was Mr.Mohamed Imthyas, CEO & Founder, Robatian Labs Pvt. Ltd., Trichy.



Higher Education Cell

Seminar on "UPSC aspirants meet" was organized on 29.08.2024. The resource person was L.Jaison Praveen Kumar, I.R.S., Deputy Director, Directorate of Revenue Intelligence (DRI), Trichy Regional Unit.



Awareness Programme on "GATE-JAM Examination" was organized on 19.09.2024. The resource person was Dr.Gandham Phanikumar, Professor, Department of Metallurgical and Materials Engineering, Indian Institute of Technology Madras, Chennai.



Kongunadu Innovation Council

Seminar on "Angel Investment/ VC Funding opportunities for Early stage Entrepreneurs" was organized on 28.08.2024. The resource person was Mr.T.Rajamanikandan, Head IPR, Kongunadu College of Engineering and Technology, Trichy.



Seminar on "My Story: Motivational Session by a successful Entrepreneur/Start-up Founder" was organized on 27.11.2024. The resource person was Dr.M.Vivekanandan, CEO, Try CAE Industrial Engineering Pvt. Ltd., Trichy.



Multimedia Club

Multimedia club Inaugural function was held on 30.09.2024. The Chief Guest was Mr.Trichy Saravana kumar, Actor & Comedian, Vijay Networks.



Department Achievements

MOU Signed

MOU Signed with ITokyo Academy, Coimbatore on 19.07.2024.



Patents Granted

Dr.D.Jagadeesh, Dr.N.Sivashankar, Mr.J.R.Vinodkumar, Dr.K.Periasamy, Dr.G.Saravanan, Dr.P.Muthukumar, Dr.N.Ravikumar, Mr.S.Chandrakumar, Mr.R.Arivazhagan, Mr.P.Raja granted a patent on "Smart Wheel chair cum Stretcher" on 30.10.2024.

Dr.R.Thanigaivelan, Mr.N.Sivashankar, Dr.D.Jagadeesh, Mr.S.Chandrakumar, Mr.P.Vignesh, Mr.S.V.Surya, Mr.A.P.Yaswanthkumar granted a patent on "Electro chemical Apparatus for controlling Electrolyte flow" on 19.11.2024.

Patents published

Dr.M.Vivekanandan, Dr.D.Jagadeesh, Dr.G.Saravanan, Dr.K.Periasamy, Mr.N.Kawin, Mr.S.Kumaravel, Mr.S.Mohankumar, Mr.Ra.Aravind, Mr.J.Mahendran, Mr.T.Rajamanikandan filed a patent on "Enhancing Solar Air Heater Efficiency Through Innovative Flow Distribution Techniques utilizing guid" on 04.07.2024.

Faculty Award

Dr.N.Sivashankar, AP, received Faculty Excellence Award at SNS Institutions on 27.12.2024.



Publication in Journals

Chinnadurai Dineshbabu, Nallasamy Shivasankaran, Krishnan Venkatesh Raja, Rathinavelu Venkatesh, "Experimental and Comparative Heat transfer Analysis of Heat Exchanger with Surface Modification", Heat Transfer Engineering, (Published Online).

Kumaravel S, Suresh P, "Optimization of Friction Stir Processing parameters to improve Mechanical properties and Microstructure of Al5083 Aluminium Alloy reinforced with AlCoCr - FeNiSi high-entropy alloy", Physica Scripta, Vol.99, No.10.

N.Sivashankar, R.Thanigaivelan, L.Selvarajan, K.Venkataramanan, "Investigation of Electro chemical micromachining on magnesium alloy using hollow tool electrode", Ultrasonics, Vol.147, (2025), 107526.

KanullaKarthik, Ranjith R, Venkatrami Reddy Vedur, Kawin Nallasivam, "Experimental investigation on electro chemical discharge machining of hastelloy", Materials Research Express, Vol. 11, (2024), 116516.

Ponnuswamy Palanikumar, Duraisamy Jagadeesh, Nadarajan Parthipan, Rathinavelu Venkatesh, "Effect of copper rectangular fin and hybrid PCM configuration on thermal characteristics of solar air heater: performance study", Environment, Development and Sustainability, (Published Online).

K.Sivakumar, S.Manoj Kumar, G.Saravanan, G.Mahendran, "Mechanical, wear, fatigue, water absorption and flammability of silanetreated Indian squid chitin powderdispersed pineapple fiberpolyester composite", Polymer Bulletin, (Published Online).

R.Prabu, D.Velmurugan, S.R.Vijayakumar, M.Maniyarasan, "Influence of Fe₂O₃ and La₂O₃ nanoparticles on the performance of domestic refrigerator functioning with R134a refrigerant", Physica Scripta, Vol. 100, (2025), 01595.

Gopal Deepanaa, Logesh Kamaraj, Saravanan Ganapathi, R.Venkatesh, Mohana Krishnan Amarnathe, Pethuraj Manickaraj, "Synthesis and machining characteristics study of agro-waste coconut shell powder incorporated aluminium alloy composite via the squeeze cast technique", International Journal of Cast Metals Research, (Published Online).

Dineshbabu Chinnadurai, Shiva Sankaran Nallasamy, Venkatesh Raja Krishnan, Venkatesh Rathinavelu, "Comparative Evaluation and Performance Analysis of Heat Exchangers Featured with Peened Surface", Journal of Thermal Science, (Published Online).

S.Kumaravel, P.Suresh, "Ensemble machine learning for predicting and enhancing tribological performance of Al5083 alloy with HEA reinforcement", Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, (Published Online).

Managula Naveen Srinivas, Parthiban Krishnan, Veerapan Selvam, Itha Veeranjanyalu, Nidamanuri Srinivasa Rao, Anusha Peyyala, Nagari Satheesh, Ram Subbiah "An investigation on the mechanical and corrosion characteristics of magnesium-zinc alloy nano composites manufactured via ultrasound - assisted stir squeeze casting", Metallurgical research & Technology, Vol.121, NO.621.

Saravanakumar Sengottaiyan, S.Sathiyamoorthy, G.Selvakumar, R.Haridass, "Influence of treatment and flyash filler on the mechanical and tribological properties of banana fibrepolymer composites: experimental and ANN-RSM Modeling", Composite interfaces, (Published Online).

M.Balamurugan, Sivakumar Subramani, Venkatasundhar Murugaesan, Sivaprakash Ethiraj, Ratchagaraja Dhairiyasamy, Depika Gabriel, "Spray characteristics of non-edible oils in MQL systems for improved material machining", Revista Materia, Vol.30, No.1.

B.Babu, S.K.Karthikeyan, Bachina Harish babu, S.Nanthakumar, S.Sakthui, P.Vijayalakshmi, R.Girimurugan, E.Elango, M.Mathanbabu, "Optimization on the Tool parameters in Friction stir lap Joining of AA2219 Response surface Methodology", International journal of Vehicle structures & Systems, Vol.16, No.5, pp.663-670.

Jagadeesh Duraisamy, Vivekanandan Mahendran, Kawin Nallasivam, Ashok Manivasagan, "Augmenting Heat Transfer of Shell and Tube Heat Exchanger- A CFD Analysis Approach", Tanz, Vol.19, No.11

FDP Attended

Dr.D.Jagadeesh, Prof, Mechanical Engineering department attended

- FDP on "Advanced Materials and Technologies : Bridging innovations in Civil and Mechanical Engineering" at Sree Sakthi Engineering College from 08.07.2024 to 13.07.2024

- FDP on "Modern Trends in Manufacturing Process" at Easwari Engineering College from 05.08.2024 to 10.08.2024

- FDP on "Metal Additive Manufacturing" at NPTEL - AICTE from Jul-Oct 2024

Dr.K.Periasamy, Professor, Mechanical Engineering department attended

- FDP on "Advanced Materials and Technologies : Bridging innovations in Civil and Mechanical Engineering" at Sree Sakthi Engineering College from 08.07.2024 to 13.07.2024

Dr.G.Saravanan, ASP, Mechanical Engineering department attended

- FDP on "Advanced Materials and Technologies : Bridging innovations in Civil and Mechanical Engineering" at Sree Sakthi Engineering College from 08.07.2024 to 13.07.2024.

- FDP on "Modern Trends in Manufacturing Process" at Easwari Engineering College from 05.08.2024 to 10.08.2024

- FDP on "Metal Additive Manufacturing" at NPTEL - AICTE from Jul-Oct 2024

Mr.G.Selvakumar, AP, Mechanical Engineering department attended

- FDP on "Advanced Materials and Technologies : Bridging innovations in Civil and Mechanical Engineering" at Sree Sakthi Engineering College from 08.07.2024 to 13.07.2024

• FDP on “Metal Additive Manufacturing” at NPTEL - AICTE from Jul-Oct 2024

Mr.N.Kawin, AP, Mechanical Engineering department attended

• FDP on “Advanced Materials and Technologies : Bridging innovations in Civil and Mechanical Engineering” at Sree Sakthi Engineering College from 08.07.2024 to 13.07.2024

• FDP on “Modern Trends in Manufacturing Process” at Easwari Engineering College from 05.08.2024 to 10.08.2024

• FDP on “Metal Additive Manufacturing” at NPTEL - AICTE from Jul-Oct 2024

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

• FDP on “Advanced Materials and Technologies : Bridging innovations in Civil and Mechanical Engineering” at Sree Sakthi Engineering College from 08.07.2024 to 13.07.2024

• FDP on “Modern Trends in Manufacturing Process” at Easwari Engineering College from 05.08.2024 to 10.08.2024

• FDP on “Metal Additive Manufacturing” at NPTEL - AICTE from Jul-Oct 2024

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

• FDP on “Technological Advancement in Synthesis of Novel Materials” at Chaitanya Byharathi Institute of Technology from 05.08.2024 to 10.08.2024

• FDP on “Rise of the Machines : Robotics and Automation” at IEM, Saltlake from 16.09.2024 to 20.09.2024

• FDP on “Advanced Thermal Energy Systems : Production, Storage and Transfer” at Vishnu Institute of Technology from 17.09.2024 to 21.09.2024

• FDP on “Progress in Mechanical Engineering” at SRM Institute of Science and Technology from 14.10.2024 to 19.10.2024.

• FDP on “Additive Manufacturing Advancements in Different Applications” at SRM Institute of Science and Technology from 21.10.2024 to 26.10.2024.

• FDP on “Outcome based Education and Accreditation Process” at NITTTR from 25.11.2024 to 29.11.2024.

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

• FDP on “Technological Advancement in Synthesis of Novel Materials” at Chaitanya Byharathi Institute of Technology from 05.08.2024 to 10.08.2024.

• FDP on “Modern Trends in Manufacturing Process” at Easwari Engineering College from 05.08.2024 to 10.08.2024

• FDP on “Progress in Mechanical Engineering” at SRM Institute of Science and Technology from 14.10.2024 to 19.10.2024.

• FDP on “Additive Manufacturing Advancements in Different Applications” at SRM Institute of Science and Technology from 21.10.2024 to 26.10.2024

Mr.S.K.Karthikeyan, ASP, Mechanical Engineering department attended

• FDP on “Modern Trends in Manufacturing Process” at Easwari Engineering College from 05.08.2024 to 10.08.2024

• FDP on “Enhancing Research Capabilities for Academic Career Progression” at NITTR from 23.09.2024 to 27.09.2024.

• FDP on “Metal Additive Manufacturing” at NPTEL - AICTE from Jul-Oct 2024

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

• FDP on “Modern Trends in Manufacturing Process” at Easwari Engineering College from 05.08.2024 to 10.08.2024

Mrs.V.Selvam, AP, Mechanical Engineering department attended

• FDP on “Modern Trends in Manufacturing Process” at Easwari Engineering College from 05.08.2024 to 10.08.2024

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

• FDP on “Modern Trends in Manufacturing Process” at Easwari Engineering College from 05.08.2024 to 10.08.2024

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

• FDP on “Modern Trends in Manufacturing Process” at Easwari Engineering College from 05.08.2024 to 10.08.2024

• FDP on “Metal Additive Manufacturing” at NPTEL - AICTE from Jul-Oct 2024.

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

• FDP on “Modern Trends in Manufacturing Process” at Easwari Engineering College from 05.08.2024 to 10.08.2024

• FDP on “Metal Additive Manufacturing” at NPTEL - AICTE from Jul-Oct 2024.

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

• FDP on “Modern Trends in Manufacturing Process” at Easwari Engineering College from 05.08.2024 to 10.08.2024

• FDP on “Progress in Mechanical Engineering” at SRM Institute of Science and Technology from 14.10.2024 to 19.10.2024.

• FDP on “Metal Additive Manufacturing” at NPTEL - AICTE from Jul-Oct 2024

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

• FDP on “Modern Trends in Manufacturing Process” at Easwari Engineering College from 05.08.2024 to 10.08.2024

• FDP on “Progress in Mechanical Engineering” at SRM Institute of Science and Technology from 14.10.2024 to 19.10.2024.

• FDP on “Additive Manufacturing Advancements in Different Applications” at SRM Institute of Science and Technology from 21.10.2024 to 26.10.2024.

• FDP on “Energy Conservation and Waste Heat Recovery” at NPTEL - AICTE from Jul-Oct 2024

Mr.V.Muthukumar, AP, Mechanical Engineering department attended

• FDP on “Progress in Mechanical Engineering” at SRM Institute of Science and Technology from 14.10.2024 to 19.10.2024.

• FDP on “Additive Manufacturing Advancements in Different Applications” at SRM Institute of Science and Technology from 21.10.2024 to 26.10.2024.

• FDP on “Robotics and Industrial Automation” at Chaitanya Bharathi Institute of Technology from 04.11.2024 to 09.11.2024.

• FDP on “Energy Conservation and Waste Heat Recovery” at NPTEL - AICTE from Jul-Oct 2024.

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

• FDP on “Modern Trends in Manufacturing Process” at Easwari Engineering College from 05.08.2024 to 10.08.2024

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

• FDP on “Modern Trends in Manufacturing Process” at Easwari Engineering College from 05.08.2024 to 10.08.2024

• FDP on “Enhancing Research Capabilities for Academic Career Progression” at NITTR from 23.09.2024 to 27.09.2024

Mr.S.Chandrakumar, AP, Mechanical Engineering department attended

• FDP on “Modern Trends in Manufacturing Process” at Easwari Engineering College from 05.08.2024 to 10.08.2024

• FDP on “Additive Manufacturing Advancements in Different Applications” at SRM Institute of Science and Technology from 21.10.2024 to 26.10.2024

• FDP on “Outcome based Education and Accreditation Process” at NITTTR from 25.11.2024 to 29.11.2024

Dr.N.Sivashankar, AP, Mechanical Engineering department attended

• FDP on “Modern Trends in Manufacturing Process” at Easwari Engineering College from 05.08.2024 to 10.08.2024.

• FDP on “Progress in Mechanical Engineering” at SRM Institute of Science and Technology from 14.10.2024 to 19.10.2024.

• FDP on “Outcome based Education and Accreditation Process” at NITTTR from 25.11.2024 to 29.11.2024.

Dr.P.Muthukumar, ASP, Mechanical Engineering department attended

• FDP on “Enhancing Research Capabilities for Academic Career Progression” at NITTR from 23.09.2024 to 27.09.2024

• FDP on “Metal Additive Manufacturing” at NPTEL - AICTE from Jul-Oct 2024.

Mr.S.Mohankumar, AP, Mechanical Engineering department attended

• FDP on “Metal Additive Manufacturing” at NPTEL - AICTE from Jul-Oct 2024.

Mr.S.Kumaravel, AP, Mechanical Engineering department attended

• FDP on “Computer aided design and artificial intelligence” at NITTTR from 18.11.2024 to 22.11.2024

• FDP on “Metal Additive Manufacturing” at NPTEL - AICTE from Jul-Oct 2024.

Workshop / Seminar / Webinar

Dr.P.Muthukumar, ASP, attended Workshop on Additive Manufacturing held at National Institute of Technology, Trichy on 24.06.2024.

Mr.R.Arivazhagan, ASP, attended Workshop on Additive Manufacturing held at National Institute of Technology, Trichy on 24.06.2024.

Dr.A.Nithya, ASP, attended Workshop on Additive Manufacturing held at National Institute of Technology, Trichy on 24.06.2024.

Mr.N.Ravikumar, AP, attended Workshop on Additive Manufacturing held at National Institute of Technology, Trichy on 24.06.2024.

Mr.S.Chandrakumar, AP, attended Workshop on Additive Manufacturing held at National Institute of Technology, Trichy on 24.06.2024.

Mrs.V.Selvam, AP, attended Workshop on Additive Manufacturing held at National Institute of Technology, Trichy on 24.06.2024.

Dr.N.Sivashankar, AP, attended Workshop on Additive Manufacturing held at National Institute of Technology, Trichy on 24.06.2024.

Mr.V.Muthukumar, AP, attended Workshop on Additive Manufacturing held at National Institute of Technology, Trichy on 24.06.2024.

Mr.Ra.Aravind, AP, attended Workshop on Additive Manufacturing held at National Institute of Technology, Trichy on 24.06.2024.

Mr.R.Periyasamy, AP, attended Workshop on Additive Manufacturing held at Sathyabama Institute of Science and Technology from 24.06.2024.

Dr.K.Periasamy, Professor, attended Hands on Training on Additive Manufacturing held at Sathyabama Institute of Science and Technology from 27.06.2024 to 28.06.2024.

Dr.G.Saravanan, Associate Professor, attended Hands on Training on Additive Manufacturing held at Sathyabama Institute of Science and Technology from 27.06.2024 to 28.06.2024.

Mr.R.Karthik, AP, attended Hands on Training on Additive Manufacturing held at Sathyabama Institute of Science and Technology from 27.06.2024 to 28.06.2024.

Mr.E.Sivaprakash, AP, attended Hands on Training on Additive Manufacturing held at Sathyabama Institute of Science and Technology from 27.06.2024 to 28.06.2024.

Mr.G.Selvakumar, AP, attended Hands on Training on Additive Manufacturing held at Sathyabama Institute of Science and Technology from 27.06.2024 to 28.06.2024.

Mr.N.Kawin, AP, attended Hands on Training on Additive Manufacturing held at Sathyabama Institute of Science and Technology from 27.06.2024 to 28.06.2024.

Mr.M.Dineshkumar, AP, attended Hands on Training on Additive Manufacturing held at Sathyabama Institute of Science and Technology from 27.06.2024 to 28.06.2024.

Mr.M.Maniyarasan, AP, attended Hands on Training on Additive Manufacturing held at Sathyabama Institute of Science and Technology from 27.06.2024 to 28.06.2024.

Dr.N.Sivashankar, AP, attended Seminar on Articles write up and Sponsor Research held at NDLI Club from 03.07.2024.

Dr.N.Sivashankar, AP, attended Training on Effortless Authorship with EBSCO host held at EBSCO Information Services on 03.07.2024.

Mr.M.Maniyarasan, AP, attended Training on Effortless Authorship with EBSCO host held at EBSCO Information Services on 03.07.2024.

Mr.E.Sivaprakash, AP, attended Training on Effortless Authorship with EBSCO host held at EBSCO Information Services on 03.07.2024.

Mr.V.Muthukumar, AP, attended Training on Effortless Authorship with EBSCO host held at EBSCO Information Services on 03.07.2024.

Mr.P.Raja, AP, attended Training on Effortless Authorship with EBSCO host held at EBSCO Information Services on 03.07.2024.

Mr.G.Selvakumar, AP, attended Training on Effortless Authorship with EBSCO host held at EBSCO Information Services on 03.07.2024.

Mr.E.Sivaprakash, AP, attended Seminar on The Psychology of Social Media Addiction: Causes and Consequences held at IFET College of Engineering from 22.07.2024 to 23.07.2024.

Mr.V.Muthukumar, AP, attended Seminar on The Psychology of Social Media Addiction: Causes and Consequences held at IFET College of Engineering from 22.07.2024 to 23.07.2024.

Mr.Ra.Aravind, AP, attended Seminar on The Psychology of Social Media Addiction : Causes and Consequences held at IFET College of Engineering from 22.07.2024 to 23.07.2024.

Mr.S.Kumaravel, AP, attended Seminar on The Psychology of Social Media Addiction : Causes and Consequences held at IFET College of Engineering from 22.07.2024 to 23.07.2024.

Dr.A.Nithya, ASP, attended Workshop on NVIDIA's Jetson Nano held at Pantech E Learning, Trichy on 09.11.2024.

Mrs.V.Selvam, AP, attended Workshop on NVIDIA's Jetson Nano held at Pantech E Learning, Trichy on 09.11.2024.

Mr.C.Dineshbabu, AP, attended Workshop on NVIDIA's Jetson Nano held at Pantech E Learning, Trichy on 09.11.2024.

Dr.K.Periasamy, Professor, attended Workshop on Composite Materials held at Oasys Institute of Technology on 19.09.2024.

Dr.D.Jagadeesh, Professor, attended Workshop on Composite Materials held at Oasys Institute of Technology on 19.09.2024.

Dr.G.Saravanan, Associate Professor, attended Workshop on Composite Materials held at Oasys Institute of Technology on 19.09.2024.

Mr.S.K.Karthikeyan, Associate Professor, attended Workshop on Composite Materials held at Oasys Institute of Technology on 19.09.2024.

Dr.K.Periasamy, Professor, attended Workshop on Unlocking The Power of AI Tools held at Sree Sakthi Engineering College on 28.09.2024.

Dr.D.Jagadeesh, Professor, attended Workshop on Unlocking The Power of AI Tools held at Sree Sakthi Engineering College on 28.09.2024.

Dr.G.Saravanan, Associate Professor, attended Workshop on Unlocking The Power of AI Tools held at Sree Sakthi Engineering College on 28.09.2024.

Mr.R.Karthik, AP, attended International Workshop on Exploring Neural Network with its Application held at Scholars Gate, Research Training Institute from 26.12.2024 to 27.12.2024.

NPTEL Courses

Dr.D.Jagadeesh, Professor, had successfully completed 12 weeks NPTEL course on Metal Additive Manufacturing.

Dr.G.Saravanan, ASP, had successfully completed 12 weeks NPTEL course on Metal Additive Manufacturing.

Dr.P.Muthukumar, ASP, had successfully completed 12 weeks NPTEL course on Metal Additive Manufacturing.

Mr.S.K.Karthikeyan, ASP, had successfully completed 12 weeks NPTEL course on Metal Additive Manufacturing.

Dr.A.Nithya, ASP, had successfully completed 12 weeks NPTEL course on Organization Behaviour-II.

Mr.Ra.Aravind, AP, had successfully completed 12 weeks NPTEL course on Metal Additive Manufacturing.

Mr.P.Raja, AP, had successfully completed 12 weeks NPTEL course on Metal Additive Manufacturing.

Mr.R.Karthik, AP, had successfully completed 12 weeks NPTEL course on Metal Additive Manufacturing.

Mr.G.Selvakumar, AP, had successfully completed 12 weeks NPTEL course on Metal Additive Manufacturing.

Mr.S.Mohankumar, AP, had successfully completed 12 weeks NPTEL course on Metal Additive Manufacturing.

Mrs.V.Selvam, AP, had successfully completed 12 weeks NPTEL course on Metal Additive Manufacturing.

Mr.S.Kumaravel, AP, had successfully completed 12 weeks NPTEL course on Metal Additive Manufacturing.

Mr.M.Maniyarasan, AP, had successfully completed 12 weeks NPTEL course on Metal Additive Manufacturing.

Mr.N.Kawin, AP, had successfully completed 12 weeks NPTEL course on Metal Additive Manufacturing.

Mr.E.Sivaprakash, AP, had successfully completed 12 weeks NPTEL course on Energy Conservation and Waste Heat Recovery.

Mr.V.Muthukumar, AP, had successfully completed 12 weeks NPTEL course on Energy Conservation and Waste Heat Recovery.

★ Students Achievement

★ Prize Winners

Praveenkanth K, Srinath B, Vidhyadharan G and Vignesh M III Year, Won Second prize in 'Drone Racing' conducted at Paavai Engineering College, Namakkal on 09.11.2024.



Mahesh Boopathy A, Periyannan B and Vetrivel B IV Year, Won Second prize in 'Project Expo' conducted at Gnanamani College of Technology, Namakkal on 09.10.2024.



Mugiswaran.G, II Year Won First Prize in 'Thirukural Thiruvizha' conducted at அறம் அறக்கட்டளை ஏகலைவாகலைக்கூடம் on 06.10.2024.



Naveen.K, Parthasarathi.S and Naveen Kumar.S IV Year, Won Second prize in 'Project Parade' conducted at Kongu Engineering College, Perundurai on 05.10.2024.



Ajith.J, Hariharan.K and Gurumoorthi.S IV Year, Won Second prize in 'Research Showcase' conducted at Loyola-ICAM College of Engineering and Technology, Chennai on 28.09.2024.

Pooja.S III Year, Won Second prize in 'Paper Presentation' conducted at KSR College of Engineering, Tiruchengode on 26.09.2024.



Raveena.P.L III Year, Won Second prize in 'Connection Game' conducted at KSR College of Engineering, Tiruchengode on 26.09.2024.

Sulaiman.S, Vignesh.M and Srinath.B III Year, Won Third Prize in 'Short Film' conducted at Hindustan Institute of Technology, Coimbatore on 25.09.2024.

23 Students (III & IV Year) Won First Prize in 'National Drone Racing Contest' conducted at Institute of Aeronautics Astronautics and Aviation at Dhanalakshmi Srinivasan University, Perambalur on 27.07.2024.



★ Conference Attended

In our department totally 10 Students (II & III Year) presented a paper in International Conference held at various Colleges from July 2024 to December 2024.

Paper Presentation

Kathiravan.A IV Year attended Paper presentation at J.J. College of Engineering and Technology, Trichy on 11.11.2024.

III Year (6 Students) attended Paper presentation at Gnanamani College of Technology, Namakkal on 24.10.2024.

IV Year (3 Students) attended Paper presentation at Sri Ramakrishna Institute of Technology, Coimbatore on 15.10.2024.

Muthamil Selvan.M and Nallendhiran.S II Year attended Paper Pursuit at Sri Ramakrishna Institute of Technology, Coimbatore on 09.10.2024.

IV Year (9 Students) attended Paper presentation at Gnanamani College of Technology, Namakkal on 09.10.2024.

IV Year (3 Students) attended Paper presentation at Kongu Engineering College, Erode on 05.10.2024.

III Year (3 Students) and II Year (4 Students) attended Paper presentation at Velalar College of engineering and Technology, Erode on 05.10.2024.

III Year (3 Students) and IV Year (4 Students) attended Paper presentation at Sri Sai Ranganathan Engineering College, Chennai on 04.10.2024.

Srilogeshwaran.S and Subash.R II Year attended Paper presentation at KSR College of Engineering, Tiruchengode from 27.09.2024 to 28.09.2024.

IV Year (8 Students) attended Paper presentation at KSR College of Engineering, Tiruchengode on 28.09.2024.

Dharshith.S, II Year attended Paper presentation at Vinayaka Mission's Kirupananda Variyar Engineering College, Salem on 26.09.2024.

III Year (19 Students) and II Year (2 Students) attended Paper presentation at KSR College of Engineering, Tiruchengode on 26.09.2024.

III Year (6 Students) and II Year (6 Students) attended Paper presentation at Hindusthan College of Engineering, Coimbatore on 25.09.2024.

III Year (14 Students) and II Year (2 Students) attended Paper presentation at M.A.M. College of Engineering, Trichy on 25.09.2024.

III Year (7 Students) attended Paper presentation at Sengunthar Engineering College, Namakkal from 20.09.2024 to 21.09.2024.

III Year (6 Students) attended Paper presentation at Velalar College of engineering and Technology, Erode on 13.09.2024.

II Year (4 Students) attended Paper presentation at Velammal Engineering College, Chennai on 03.08.2024.

Project Presentation

IV Year (3 Students) participated in Final Round of INDIA INTERNATIONAL SCIENCE FESTIVAL at IIT Guwhati.



IV year (7 Students) attended Project Expo at CARE College of Engineering, Trichy on 09.11.2024.

IV year (6 Students) attended Project Presentation at Kongu Engineering college, Erode on 09.10.2024.

IV year (3 Students) attended Project Expo at Gnanamani College of Technology, Namakkal on 09.10.2024.

IV year (7 Students) attended Project Parade at Kongu Engineering college, Erode on 05.10.2024.

Karthick K, IV Year attended Project Presentation at Sri Sai Ranganathan Engineering College, Chennai on 04.10.2024.

IV year (15 Students) attended Project Expo at KSR College of Engineering, Tiruchengode on 28.09.2024.

IV year (14 Students) attended Project Expo at KSR College of Engineering, Tiruchengode on 27.09.2024.

II year (03 Students) attended Project Extravaganza at Velammal Engineering College, Chennai on 03.08.2024.

Workshop

In our department totally 119 Students (II, III & IV Year) attended 14 Workshops from July 2024 to December 2024.

Seminar / Webinar

Totally 18 Students (II & III Year) attended 5 Seminars / Webinars from July 2024 to December 2024.

Technical Events

Our 19 Students (II, III & IV Year) attended in various Technical Events from July 2024 to December 2024.

IIT SPOKEN TUTORIAL

Our 208 Students (II, III & IV Year) had successfully completed 3 IIT SPOKEN TUTORIAL course.

NPTEL Course

Our 17 Students (II Year) had successfully completed the 08 weeks NPTEL Course.

Our 139 Students (III & IV Year) had successfully completed the 12 weeks NPTEL Course.

Industrial Visit

- Hatsun Agro Products Limited, Salem.
- S.R Paper board, Tiruchengode.
- S & T Workshop, Southern Railway, Coimbatore.
- Agni Steels Private Limited, Perundurai, Erode.
- Ashok Leyland, Vallipuram, Namakkal.
- Mettur Thermal Power Station, Mettur Dam Salem.

Placement Details

S.NO	NAME OF THE COMPANY	NO.OF STUDENTS PLACED
1	HARITA TECHSERV PVT LIMITED	27
2	TryCAE INDUSTRIAL ENGINEERING PVT LTD	05
3	MANGALA SMART ENERGY SOLUTIONS	05
4	ANAND ENGINEERING WORKS	22
5	JANATICS INDIA PVT LTD	07
6	TEXMO INDUSTRIES - TARO PUMP	08
7	AQUASUB ENGINEERING PVT. LTD.	21
8	PACIFIC ENGINEERED SURFACES	03
TOTAL		98

Value Added Courses

- SOLIDWORKS
- NX CAD

Heartfelt thanks to all the faculty members of Kongunadu College of Engineering and Technology and our well-wishers.

COLLEGE VISION & MISSION

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.



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