



(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. N.Kawin, AP/MECH
- ◆ Dr.A.Nithya, ASP/MECH

✿ Student Editors:

- ◆ Mr. M.Hariharan - Final Year MECH
- ◆ Mr. P.Thavasi - FinalYear MECH
- ◆ Mr.M.Rohit - Third Year MECH

✿ Contents:

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

✿ 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.

✿ 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)

✦ **PSO 1 :** Professional skills: Students shall understand, analyze, design and develop integrated equipment, thermal devices and composite components.

✦ **PSO 2 :** 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

Valedictory Function and Motivational Speech on 'Happiness is the key to Success' was organized for II, III and IV year students on 03rd April 2023. The chief guest was Dr.K.Karthick Velu, CEO, One Life One Chance, Salem.



Webinars/ SEMINAR

Seminar on 'Industry 4.0' was organized on 09th Feb 2023. The resource person was Dr.B.Shanmugarajan, Deputy General Manager, Welding Research Institute, BHEL, Trichy.



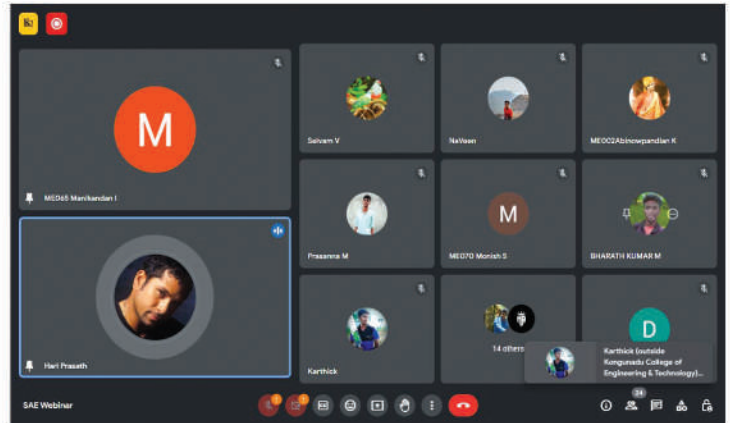
Webinar on 'Steps for Beginning a Career in Merchant Navy' was organized on 18th Feb 2023. The resource person was Mr.K.V.Balaji, Marine Engineer Officer (Class IV), Executive Ship Management, Singapore.

Seminar on 'Key Skills for Mechanical Engineers' was organized on 13th March 2023. The resource person was Mr.P.Rajendran, Senior Manager, Sourcing & Supply Chain Defence, Ashok Leyland Limited, Chennai.

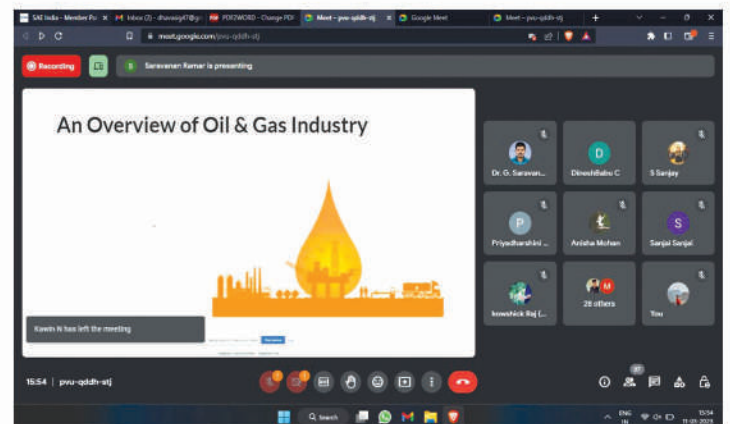


SAE Club Activities

Webinar on 'Introduction to Automotive Embedded Software Testing' was organized on 18th April 2023. The resource person was Mr. Hari Prasath Murugan, MBD Specialist – Team Lead TATA ELXSI Limited, Chennai.



Webinar on 'An Overview of Oil and Gas Industry' was organized on 11th March 2023. The resource person was Mr. R. Saravanan, Principal Engineer - Project Controls, SAIPEM India Projects Private Limited, Chennai.



External Activities

Workshop on '3D Printing' was organized on 02nd Feb 2023. The resource persons were Mr. N. Ravikumar, AP/MECH and Mr. N. Kavin, AP/MECH Kongunadu College of Engineering and Technology, Thottiam.



Workshop

Workshop on 'Multi rotor Drones' was organized on 10th April 2023 and 11th April 2023. The resource person was Mr. M. Yuvaraj, CEO, SKY RIDER Aerosolutions, Chennai.



HACKATHON

HACKATHON on 'KRATOS - 2K23' was organized on 12th April 2023. The resource person was Mr. M. Yuvaraj, CEO, SKY RIDER Aerosolutions, Chennai.



NATIONAL CONFERENCE

8th National Level Conference on 'Challenges and Opportunities in Mechanical Engineers (COME'23)' was organized on 21st April 2023. The resource person was Dr. S. Sujithkumar, Material Characterization Scientist, Transitions Optical, Ireland.

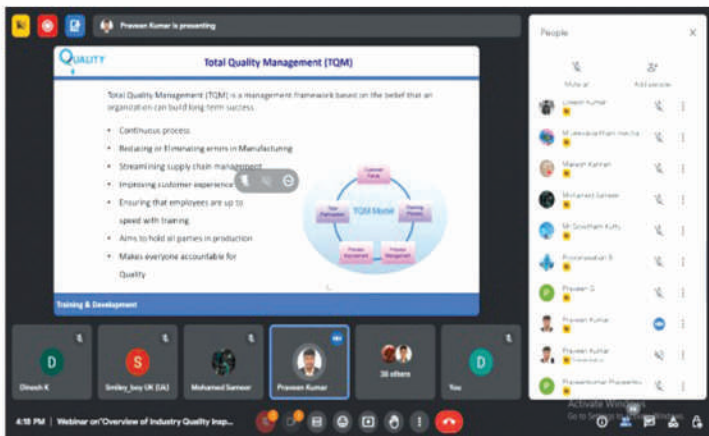
FACULTY DEVELOPMENT PROGRAMME

Two Days Online Faculty Development Programme on "Automobile Transmission Systems & Electric - Hybrid Vehicles" was organized on 03rd to 04th May 2023. (Online Mode)

Workshop on 'Fundamentals of 3D Printing' was organized on 19th April 2023. The resource person was Mr.N.Sivashankar, AP/MECH, Kongunadu College of Engineering and Technology, Thottiam.



Webinar on 'Overview of Industry Quality Inspection' was organized on 10th May 2023. The resource person was Mr.S.Praveenkumar, Assistant Manager - Strategic SCM, Lakshmi Machine Works Limited, Coimbatore.



Entrepreneurship Development Cell (EDC)

Activities

Awareness Programme on Tamil Nadu Student Innovators (TNSI) - 2023 on 25th January 2023. The resource person was P.Rajamanikandan, Head IPR, Kongunadu College of Engineering and Technology, Trichy.

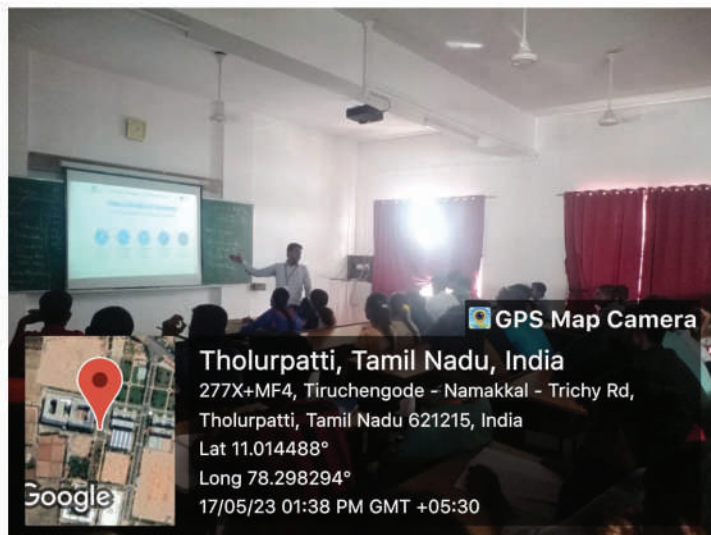


Kongunadu Innovation Council

Seminar on 'Role of IPR in Product Development' was organized on 26th April 2023. The resource person was Mr.N.Sivashankar, AP/MECH, Kongunadu College of Engineering and Technology, Trichy.



Seminar on 'Prototype/Process Design and Development' was organized on 17th May 2023. The resource person was Mr.R.Karthik, AP/MECH, Kongunadu College of Engineering and Technology, Trichy.



Multimedia

Multimedia club was organized Photography and Short film competitions on 31st January 2023.

Multimedia club valedictory function was conducted on 17th April 2023. The Chief guest was Mr.K.M.Rakesh, Video Jockey, Sun Networks, Chennai.



Department Achievements

Research Centre

Department of Mechanical Engineering was recognized as Research Centre by Anna University.

MOU Signed

MOU was signed with HaritaTechserv Private Limited (Auto Electronics Division) on 05th June 2023.

Consultancy Work

Project Titled '3D Modelling and Preparation of Fabrication drawings of Duct and its Supporting Structure for 2x660 MW Singrauli FGD Project' was funded an amount of Rs.3,00,000 by Try CAE Industrial Engineering Pvt. Ltd, Trichy and the project duration from 29th December 2022 to 25th March 2023.

Book Publications

Dr.K.Periasamy, Mr.R.Karthik, Mr.M.Dineshkumar and Mr.J.Gunasekaran, Advanced IC Engines (KNCET - UGR2020), The Charulatha Publications, Chennai, ISBN No: 978-81-19056-62-0, June 2023.

Mr.S.Mohankumar, Mr.G.Selvakumar Mr.S.Chandrakumar and Mr.M.Maniyarasan, Mechatronics (KNCET-UGR2020), The Charulatha Publications, Chennai, ISBN No: 978-81-19056-35-4, June 2023.

Dr.G.Saravanan, Dr.A.Nithya, Mr.K.Mohanraj and Mr.N.Kawin, Total Quality Management (KNCET - UGR2020), The Charulatha Publications, Chennai, ISBN No: 978-81-19056-43-9, June 2023.

Mr.R.Arivazhagan, Mr.E.Sivaprakash, Mr.R.Prakash and Mr.R.Periyasamy, Power Plant Engineering (KNCET - UGR2020), The Charulatha Publications, Chennai, ISBN No: 978-81-19056-39-2, June 2023.

Publication in Journals

N.Ravikumar, R.Vijayan, R.Viswanathan "Multi - response optimization for turning of magnesium alloy with untreated and cryogenic treated carbide inserts by grey relational analysis", Journal of Ceramic Processing Research, Vol.24, No.1, pp. 142-152.

K.Periasamy, Katragadda Sudhir Chakravarthy, Jabihulla Shariff Md, S.Madhu "A detailed Evaluation of mechanical Properties in newly developed Cellulosic fiber: Cissus vitiginea L as a reinforcement for polymer composite", Biomass Conversion and Biorefinery, (online published)

P.Raja Sekaran, H.Ramakrishnan, R.Venkatesh, A.Nithya, "Mechanical and Physical Characterization studies of Nano Ceramic Reinforced Al - Mg Hybrid Composites", Silicon (online published)

V.Gopinath, R.Periyasamy, K.Gunasekaran, M.Venkatasudhahar, P.Suresh, "Effect of Corn oil Methyl Ester and Exhaust gas Recirculation on performance and Emission Characteristics of Diesel Engine", Mechanika, Vol.29, No.1, pp. 74-80.

R.Venkatesh, Suhas Ballal, A.Mohana Krishnan, S.Prabakaran, S.Mohankumar, Elangomathyavan Ramaraj, "Effect of Fiber layer formation on mechanical and wear properties of natural fiber filled epoxy hybrid composites", Heliyon, (online published).

A. Baraniraj, A.P.Sathiyagnanam, R.Venkatesh, Ra. Aravind "Silicon Carbide Particle Enriched Magnesium Alloy (AZ91) Composite: Physical, Microstructural and Mechanical Studies", Silicon (online published).

Gobinath Velu Kaliyannan, Uma Gandhi, Rajasekar Rathanasamy, Mohankumar Subramanian, Suganeswaran Kandasamy, Raja Gunasekaran, Sathish Kumar Palaniappan "Effect Of Zinc Oxide - Aluminium Oxide Mechanical Blends for Boosting the Polycrystalline Silicon Solar Cell Performance through Antireflection Properties", Silicon (online published).

L.Natrayan, Raviteja Surakasi, Pravin P.Patil, S.Kaliappan, V.Selvam, P.Murugan "Optimizing Numerous influencing parameters of Nano - SiO₂/Banana Fiber reinforced hybrid composites using Taguchi and ANN Approach", Journal of Nanomaterials, Volume 2023, Article ID 3317584.

Srinivasan Appadurai, Saravanan Kanthasamy Ganesan, Viswanathan Rangasamy, Karthikeyan Saravanan Kanakasabapathi "Optimization and Effect of Dielectric Fluid With Zr and Ni on Electrical Discharge Machining of Die Steel Material", Chemical Industry and Chemical Engineering Quarterly, Vol. 29, No. 4, pp. 311-318.

R.Sasikumar, S.Prabakaran, R.Venkatesh, S.Kumaravel "Effect of Tamarind fruit fiber contribution in epoxy resin composites as biodegradable nature: characterization and property evaluation", Biomass Conversion and Biorefinery (online published)

R.Venkatesh, R.Roopashree, Souvik Surn Gaurav Kumar, P.Raja, Melvin Victor De Poures, "Investigation and Performance study of Hibiscus Sadderiffa bast fiber reinforced HDPE Composite enhanced by Silica Nanoparticles derived from agricultural Residues", Fibers and Polymers (online published).

INTERNATIONAL CONFERENCE

Dr.D.Jagadeesh, "Performance Evaluation of Cross over Studies on Solar Duct", International conference on Adoptive Technologies for Sustainable Growth at Paavai Engineering College on 17th March 2023.

Mr.Ra.Aravind, "Exploring the Environmental Corrosion Resistance and Mechanism of high entropy alloys: An Overview", 2nd International Virtual Conference on Advances in Automobile, Manufacturing and Mechanical Engineering (ICAAMME'2023) at Eswari Engineering College on 28th April 2023.

Mr.R.Karthik, "Mechanical and Corrosion behaviour on AZ91 / ZrO₂ magnesium Metal Matrix Composites using Stir Casting Techniques", 2nd International Virtual Conference on Advances in Automobile, Manufacturing and Mechanical Engineering (ICAAMME'2023) at Eswari Engineering College on 28th April 2023.

Mr.E.Sivaprakash, "Effect of PV panel cooling by PCM", International conference on Recent Trends in Mechanical Engineering at JJ College of Engineering and Technology on 17th & 18th April 2023.

Mr.G.Selvakumar, "Remote Keyless Entry Application in Car" 5th International Conference on Recent Innovations in Science & technology (RIST 2023) at Holy Grace Academy of Engineering on 07th & 08th April 2023.

Mr.R.Karthik, "Enhancing the Material properties of Surface Composite (AZ61/ZrO₂) Fabrication via Friction Stir Processing", 5th International Conference on Recent Innovations in Science & technology (RIST 2023) at Holy Grace Academy of Engineering on 07th & 08th April 2023.

Mr.C.Dineshbabu, "CFD Analysis and Performance on Heat Exchanger by Shell and Tube Method" International Conference on Intelligence in Industrial Automation (ICIIA'23) at Velammal Institute of Technology on 05th April 2023.

Mr.E.Sivaprakash, "Increasing Efficiency of PV/T Collector by PCM" 7th International Conference on Engineering, Technology and Science at Muthyammal College of Engineering on 31st March 2023.

Mr.N.Kawin, "Performance Evaluation in Three types of Cyclone Separator" 7th International Conference on Engineering, Technology and Science at Muthyammal College of Engineering on 31st March 2023.

Mr.S.Mohankumar, "Root Cause Analysis: Improving Production Efficiency and Quality Control" 7th International Conference on Engineering, Technology and Science at Muthyammal College of Engineering on 31st March 2023.

Mr.Ra.Aravind, "SRF 15 coupling pump End HMC Fixture" 7th International Conference on Engineering, Technology and Science at Muthyammal College of Engineering on 31st March 2023.

Mr.J.Gunasekaran, "The Effect of flux core Arc Welding (FCAW) Processes on Different Parameters" 7th International Conference on Engineering, Technology and Science at Muthyammal College of Engineering on 31st March 2023.

Mr.J.Mahendran, "Experimental and Investigation of E-Glass Fiber, Banana Fiber and Orange Peel Using Brake Pad" 7th International Conference on Engineering Technology and Science at Muthyammal College of Engineering on 31st March 2023.

Mr.S.Chandrakumar, "Mechanical Behaviour of Kneaf /Basalt Hybrid Fiber Composite Material" SERB sponsored International Conference on Challenges, Opportunities and Future Roadmap of Smart Manufacturing at A.K.T Memorial College of Engineering and Technology on 28th and 29th March 2023.

Mr.S.Chandrakumar, "Mechanical and Characterization of Kevlar/Epoxy Fiber with addition of Filler Material Composite" SERB sponsored International Conference on Challenges, Opportunities and Future Roadmap of Smart Manufacturing at A.K.T Memorial College of Engineering and Technology on 28th and 29th March 2023.

Mr.R.Arivazhagan, "Implementation of ECU's in CAN BUS using with Vector CANDB++" International Conference on Advanced Materials and Technologies for Industry 4.0 (ICAMT 4.0), at Bannari Amman Institute of Technology on 23rd and 24th March 2023.

Mr.P.Raja, "Effect of Plasma Arc Welding in Various Materials" International Conference on Advanced Materials and Technologies for Industry 4.0 (ICAMT 4.0) at Bannari Amman Institute of Technology on 23rd and 24th March 2023.

Mr.C.Dineshbabu, "Recurring Service Agreement" 3rd International Conference on Advances in Management, Engineering and Technology (ICAMET 2023) at RSP Conference Hub on 25th and 26th March 2023.

Mr.J.Gunasekaran, "Recurring Service Agreement" 3rd International Conference on Advances in Management, Engineering and Technology (ICAMET 2023) at RSP Conference Hub on 25th and 26th March 2023.

Mr.S.Kumaravel, "Micro structural Characterization of Al/Cu Disimilar Metal prepared by Friction Stir Welding" International Conference on Advances in Mechanical and Civil Engineering (ICAMCE 2023) at M.Kumarasamy College of Engineering, Karur on 17th March 2023.

Mr.E.Sivaprakash, "Investigations on Wire cut Electric Discharge Machining of Stainless Steel" International Conference on Advances in Mechanical and Civil Engineering (ICAMCE 2023) at M.Kumarasamy College of Engineering, Karur on 17th March 2023.

Mrs.V.Selvam, "Machining of Textile parts using CNC Machine" International Conference on Advances in Mechanical and Civil Engineering (ICAMCE 2023) at M.Kumarasamy College of Engineering, Karur on 17th March 2023.

Mr.S.Mohankumar, "Experimental Investigations of Machining parameters of CNC Milling" International Conference on Advances in Mechanical and Civil Engineering (ICAMCE 2023) at M.Kumarasamy College of Engineering, Karur on 17th March 2023.

Mr.S.Chandrakumar, "Mechanical and Characterization of Kenaf / Basalt Hybrid Composites" International Conference on Advances in Mechanical and Civil Engineering (ICAMCE 2023) at M.Kumarasamy College of Engineering, Karur on 17th March 2023.

Mr.S.Chandrakumar, "Delamination behaviour of Aramid Fiber Composites on Various matrix Materials" International Symposium on Lightweight and Sustainable Polymeric Materials at LSPM, Thailand on 17th February 2023.

Mr.S.Kumaravel, "Microstructural Characterization of High Entropy Alloys during Mechanical Alloying : A review" DST-SERB Sponsored International Conference on Innovations in Science, Engineering and Technology for Sustainable Development (ISETSD 2023) at Muthyammal Engineering College, Rasipuram on 30th & 31st January 2023.

Mr.S.Kumaravel, "A Review on Microstructural Evolution of Friction Stir Welding / Processing" DST-SERB Sponsored International Conference on Innovations in Science, Engineering and Technology for Sustainable Development (ISETSD 2023) at Muthyammal Engineering College, Rasipuram on 30th & 31st January 2023.

Mr.N.Sivashankar, "Electrochemical Micromachining on AZ31 Alloy using Sodium nitrate Electrolyte" DST - SERB Sponsored International Conference on Innovations in Science, Engineering and Technology for Sustainable Development (ISETSD 2023) at Muthyammal Engineering College, Rasipuram on 30th & 31st January 2023.

Mr.M.Maniyarasan, "Performance Analysis of Hybrid Composite Helmet" DST - SERB Sponsered International Conference on Innovations in Science, Engineering and Technology for Sustainable Development (ISETSD 2023) at Muthyammal Engineering College, Rasipuram on 30th & 31st January 2023.

🌸 National Conference

Mr.N.Ravikumar, "Analysis of Machining Parameters on Turning of Magnesium Alloy Coated Carbide Inserts" First National Conference on Innovative Smart Technologies in Engineering and Management Sciences (I-STEMS 2023) at Excel Engineering College, Namakkal on 06th April 2023.

Mr.N.Ravikumar, "Analysis of Machining Parameters on Turning of Magnesium Alloy Non Coated Carbide Inserts" First National Conference on Innovative Smart Technologies in Engineering and Management Sciences (I-STEMS 2023) at Excel Engineering College, Namakkal on 06th April 2023.

Mr.P.Raja, "Optimization of Machining parameters in CNC Turning of Mild Steel (SAE1018)" First National Conference on Innovative Smart Technologies in Engineering and Management Sciences (I-STEMS 2023) Excel Engineering College, Namakkal on 06th April 2023.

Mr.S.K.Karthikeyan, "Experimental Analysis and Drilling process parameters optimization on UHMWPE with Coated and Uncoated Drill Bits by using Taguchi Technique" National Conference on Mechatronics and Automation Systems (NCMAS 2023) at Bannari Amman Institute of Technology, Sathiyamangalam on 17th March 2023.

Mr.S.Kumaravel, "Characterization Study of High Entropy Alloy Powder Consolidation" National Conference on Mechatronics and Automation Systems (NCMAS 2023) at Bannari Amman Institute of Technology, Sathiyamangalam on 17th March 2023.

Dr.G.Saravanan, "Design and assemble of Fixture for Increasing Productivity by using Master CAM Programming" National Conference on Mechatronics and Automation Systems (NCMAS 2023) at Bannari Amman Institute of Technology, Sathiyamangalam on 17th March 2023.

Mr.V.Muthukumar, "Resistance Spot Welding of Dissimilar Metal Sheets" National Conference on Mechatronics and Automation Systems (NCMAS 2023) at Bannari Amman Institute of Technology, Sathiyamangalam on 17th March 2023.

Mr.J.Gunasekaran, "Plasma Arc Welding in Dissimilar Materials AISI 304 and Monel Alloy 400" National Conference on Mechatronics and Automation Systems (NCMAS 2023) at Bannari Amman Institute of Technology, Sathiyamangalam on 17th March 2023.

Mr.M.Maniyarasan, "Automatic Oil Spraying unit in Press shop" National Conference on Mechatronics and Automation Systems (NCMAS 2023) at Bannari Amman Institute of Technology, Sathiyamangalam on 17th March 2023.

Mr.R.Periyasamy, "Experimental Investigation and Turning process parameters Optimization on Hybrid AMMC with various Nose Radius" National Conference on Mechatronics and Automation Systems (NCMAS 2023) at Bannari Amman Institute of Technology, Sathiyamangalam on 17th March 2023.

Mr.J.Mahendran, "Optimization Parameters of CNC Milling Programming Machine on the Time, Process Time and effect on the Efficiency" National Conference on Mechatronics and Automation Systems (NCMAS 2023) at Bannari Amman Institute of Technology, Sathiyamangalam on 17th March 2023.

Mrs.V.Selvam, "Flux Cored Arc elding Process Parameter Optimization by using Taguchi L9 Design" National Conference on Mechatronics and Automation Systems (NCMAS 2023) at Bannari Amman Institute of Technology, Sathiyamangalam on 17th March 2023.

Mr.V.Muthukumar, "Experimental Investigation and Machining Character Analysis on OHNA by using Wirecut EDM" National Conference on Mechatronics and Automation Systems (NCMAS 2023) at Bannari Amman Institute of Technology, Sathiyamangalam on 17th March 2023.

Mr.R.Karthik, "Experimental Investigation of Mechanical properties of Hybrid Natural Fiber Reinforcement of Epoxy Resin" National Conference on Mechatronics and Automation Systems (NCMAS 2023) at Bannari Amman Institute of Technology, Sathiyamangalam on 17th March 2023.

🌸 Resource Person

Mr.N.Sivashankar, AP, acted as resource person in Guest Lecture on 'Case Studies in Global Management and Social Media' conducted at Narasus Sarathy Institute of Technology on 24th April 2023.

Mr.N.Kawin, AP, acted as resource person in workshop on '3DPrinting' conducted at Kongunadu College of Engineering and Technology on 02nd February 2023.

Mr.N.Ravikumar, AP, acted as resource person in workshop on '3DPrinting' conducted at Kongunadu College of Engineering and Technology on 02nd February 2023.

🌸 FDP Attended

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

- FDP on 'Computational Design and Dynamics' organized by Sree Sakthi Engineering College from 27th to 29th January 2023.

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

- FDP on 'Advanced Material for Technological Applications' organized by Sathyabama Institute of Science and Technology from 24th March 2023 to 04th April 2023.

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

- FDP on 'inculcating Universal Human Values in Technical Education' organized by All India Council for Technical Education from 03rd to 07th April 2023.

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

- FDP on 'Computer Integrated Manufacturing' organized by NPTEL from January to April 2023.

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

- FDP on 'Welding Metallurgy' organized by NPTEL from January to April 2023.

✿ Seminar/Webinar

Mr.Ra.Aravind, AP, attended Webinar on Dynamics of Machinery held at National Institute of Technical Teachers Training and Research, Chennai on 09th March 2023.

Mr.N.Ravikuamr, AP, attended Seminar on Essentials of Product Development held at Shri Mata Vashno Devi University on 03rd May 2023.

Mr.R.Karthik, AP, attended Seminar on Essentials of Product Development held at Shri Mata Vashno Devi University on 03rd May 2023.

Mr.S.Ravi, AP, attended Seminar on Essentials of Product Development held at Shri Mata Vashno Devi University on 03rd May 2023.

✿ Workshop

Mr.E.Sivaprakash, AP, attended Workshop on Intellectual Property Awareness held at Intellectual Property of India, on 30th January 2023.

Mr.C.Dineshbabu, AP, attended Workshop on Automotive Roof for Structural Analysis using ANSA held at Skill Lync, on 22nd March 2023.

Mr.C.Dineshbabu, AP, attended Workshop on Decision Tree Using STATCRAFT held at STATCRAFT, on 29th April 2023.

✿ NPTEL Courses

Mr.R.Arivazhagan, ASP, had successfully completed 12 weeks NPTEL course of Thermal Engineering Basic and Applied.

Mr.S.K.Karthikeyan, ASP, had successfully completed 12 weeks NPTEL course of Welding Metallurgy.

Mr.N.Ravikuamr, AP, had successfully completed 12 weeks NPTEL course of Computer Integrated Manufacturing.

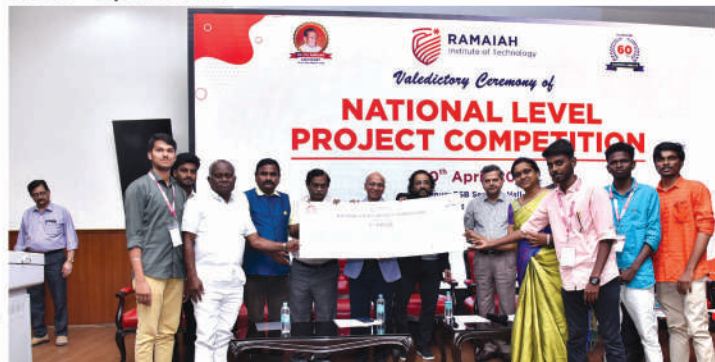
Mr.N.Sivashankar, AP, had successfully completed 12 weeks NPTEL course of Introduction to Mechanical Micro Machining.

Mr.M.Maniyarasan, AP, had successfully completed 12 weeks NPTEL course of Welding Metallurgy.

✿ Students Achievement

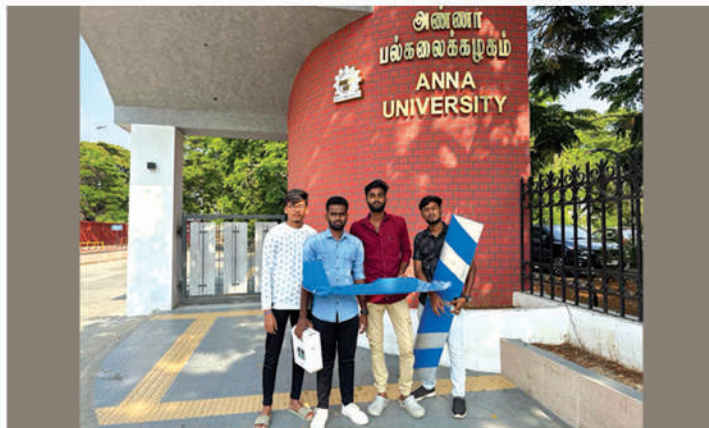
✿ Prize Winners

Hrithick Roshan.A.B, S.L.Harish, J.Jesus Anbu Rose, J.Bharathiraja and D.Dharmarajan III Year, Won First prize with cash amount of Rs.1,50,000 in 'National Level Project Competition' conducted at Ramaiah Institute of Technology on 20th April 2023.



Hrithick Roshan.A.B, S.L.Harish, J.Jesus Anbu Rose, and D.Dharmarajan III Year, Won First prize with cash amount of Rs.1,00,000 by TNSI 2023.

M.V.Dharineesh, R.Gowthaman, M.Elavarasan, B.Deepan and A.Arunbharathi III Year, Won First prize with cash amount of Rs.25,000 in 'Drone Racing' conducted at Anna University, Chennai on 18th April 2023.



S.Bavandhan, G.Chandru and M.Kaviyarasu III Year Won Second prize in 'Rocket Propulsion' conducted at Kongunadu College of Engineering and Technology, Trichy on 12th April 2023.

K.Naveen, R.Saravanan, G.Sudharsan and K.Ugendramanickam II Year Won Third prize in 'Rocket Propulsion' conducted at Kongunadu College of Engineering and Technology, Trichy on 12th April 2023.



M.Balaguru, M.Balasingam, R.Dhinesh, B.Gowtham II Year Won First prize in 'Multi Rotor Drones' conducted at Kongunadu College of Engineering and Technology, Trichy on 12th April 2023.

M.V.Dharineesh and J.Sakthivel III Year Won Second prize in 'Multi Rotor Drones' conducted at Kongunadu College of Engineering and Technology, Trichy on 12th April 2023

S.Prasanth, M.Manikandan, A.Mujeep Rahman, V.Manirajan, A.Mohammed Taufeeq, M.Mohammed Aslam, V.Kamesh and M.Neevithan III Year Won Second prize in 'Multi Rotor Drones' conducted at Kongunadu College of Engineering and Technology, Trichy on 12th April 2023.

S.Kavibharathi IV Year Won First prize in 'Design Guru' conducted at Selvam College of Technology, Namakkal on 30th March 2023.

P.Premkumar IV Year Won Second prize in 'Design Guru' conducted at Selvam College of Technology, Namakkal on 30th March 2023.

P.Premkumar, M.Praveen Kumar and B.Nicsonpaul IV Year Won Second prize in 'Project Presentation' conducted at Selvam College of Technology, Namakkal on 30th March 2023.

M.Mageshwaran IV Year Won First prize in 'CAD Modelling' conducted at Government College of Engineering, Salem on 23rd and 24th March 2023.

Keerthivasan Mahesh IV Year Won Third prize in 'BP' conducted at Government College of Engineering, Salem on 23rd and 24th March 2023.

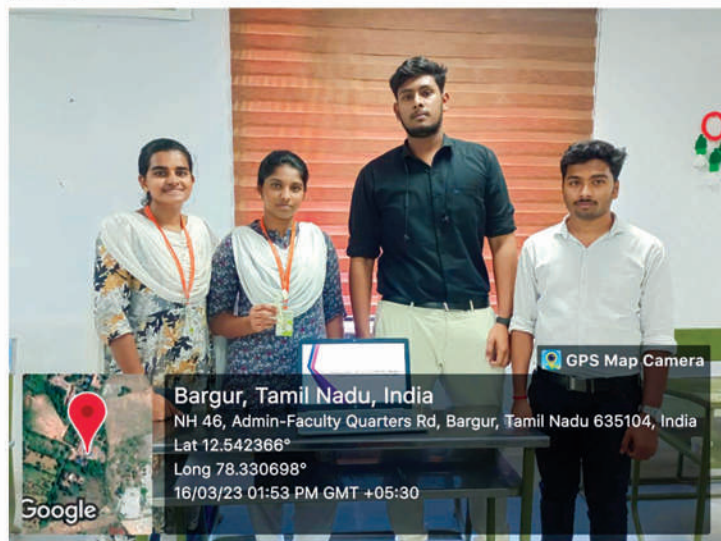
M.Abishek and A.Arul Joseph III Year Won First prize in 'Paper Presentation' conducted at NSN College of Engineering And Technology, Karur on 17th March 2023.

M.Abishek III Year Won First prize in 'CAD Modelling' conducted at NSN College of Engineering And Technology, Karur on 17th March 2023.

A.Arul Joseph III Year Won Second prize in 'CAD Modelling' conducted at NSN College of Engineering And Technology, Karur on 17th March 2023.

R.Ajay, M.Aswinraj, S.Dinesh, M.Harish, C.Gokulakannan, S.Arunkumar and P.Vignesh III Year Won First prize in 'Kryptoz' conducted at M.Kumarasamy College of Engineering, Karur on 17th March 2023.

S.Samyuktha, J.Jasim Ahamed and V.Nagamanickam III Year Won First prize in 'Project Expo' conducted at Government College of Engineering, Bargur on 16th March 2023.



R.Deepan III Year Won First prize in 'Locus Focus' conducted at M.Kumarasamy College of Engineering, Karur on 16th March 2023.

V.Ragadesh III Year Won Second prize in 'Technical Quiz' conducted at Government College of Engineering, Bargur on 16th March 2023.

R.Karunamoorthi III Year Won Second prize in 'Dancing' conducted at Periyar Maniammai Institute of Science and Technology on 15th March 2023.

S.Samyuktha, III Year Won First prize in 'I Light' conducted at Kongunadu College of Engineering and Technology, Trichy on 10th and 11th March 2023.

P.Santhosh III Year Won Second prize in 'Connection' conducted at PPG Institute of Technology, Coimbatore on 10th March 2023.

P.Santhosh III Year Won Second prize in 'Brain Twister' conducted at PPG Institute of Technology, Coimbatore on 10th March 2023.

S.Samyuktha, III Year Won Third prize in 'Paper Folding' conducted at VSB Engineering College, Karur on 09th March 2023.

S.Alpinraj and M.V.Dharineesh, III Year Won Second prize in 'Paper Folding' conducted at VSB Engineering College, Karur on 09th March 2023.

R.Gokul, III Year Won Second prize in 'Rubiks Cube' conducted at VSB Engineering College, Karur on 09th March 2023.

M.Kumaraguru, II Year Won Third prize in 'Lathe O Mania' conducted at K.Ramakrishna College of Technology, Trichy on 07th March 2023.

M.Ajith, II Year Won Second prize in 'CAD Modelling' conducted at K.Ramakrishna College of Technology, Trichy on 07th March 2023.

R.Periyasamy and K.Bharathkumar, II Year Won Second prize in 'Paper Presentation' conducted at Muthyammal College of Engineering, Rasipuram on 07th March 2023.

S.Sukanth, IV Year Won Second prize in 'CAD/CAM Modelling' conducted at M.Kumarasamy College of Engineering, Karur on 01st March 2023.

S.Sukanth, IV Year Won First prize in 'CAD Modelling' conducted at Velalar College of Engineering and Technology on 24th February 2023.

🌸 Conference Attended

Totally 188 Students (IV Year) presented papers in various International and National Conferences from January 2023 to June 2023.

🌸 Project Presentation

II and III Year (14 Students) attended Project presentation at Selvam College of Technology, Namakkal on 31st March 2023.

II and III Year (27 Students) attended Project Expo at Government College of Engineering, Bargur on 16th March 2023.

K.Jeeva, N.Jeeva, M.Kathiravan and D.Lingeshwaran IV Year attended Project presentation on 'Hybrid Composite Helmet' at KPR Institute of Technology, Namakkal on 31st March 2023.

K.Mukeshbalaji and M.Navaneethakrishnan IV Year attended Project presentation on 'Design and Fabrication of Electric Bike' at KPR Institute of Technology, Namakkal on 31st March 2023.

🌸 Paper Presentation

J.Bharathiraja III Year attended Paper presentation at Selvam College of Technology, Namakkal, on 31st March 2023.

N.Prakash, M.Thennarasu and M.Vasanth III Year attended Paper presentation at Sri Ramakrishna Engineering College, on 16th March 2023.

J.Jasim Ahamed and V.Nagamanickam III Year attended Paper presentation on 'Cyro Chamber' at Government College of Engineering, Bargur, on 15th March 2023.

V.Ragadesh III Year attended Paper presentation on 'Renewable Energy Source' at Government College of Engineering, Bargur, on 15th March 2023.

M.Manikandan, K.Kalaikrishna and M.Harivarshan III Year attended Paper presentation on 'Automatic Guide Vehicle' at Government College of Engineering, Bargur, on 15th March 2023.

R.Kishore, S.Kannan and R.Karunamoorthi III Year attended Paper presentation at Periyar Maniammai Institute of Science and Technology on 15th March 2023.

P.Santhosh and V.Ragadesh III Year attended Paper presentation at PPG Institute of Technology, Coimabtoe on 15th March 2023.

III Year (6 Students) attended Paper presentation at VSB Engineering College, Karur on 09th March 2023.

II Year (6 Students) attended Paper presentation at K.Ramakrishna College of Technology, Trichy on 07th March 2023.

J.Bharathiraja, R.S.Ajay and J.Anand III Year attended Paper presentation on 'Piezoelectric Energized Car' at Muthyammal College of Engineering, Rasipuram on 07th March 2023.

III Year (5 Students) attended Paper presentation at M.Kumarasamy College of Engineering, Karur on 01st March 2023.

S.Janaranjiv, S.Gokul and S.Arunkumar III Year attended Paper presentation on 'Combination of MHE, AWP & AGV' at M.Kumarasamy College of Engineering, Karur on 28th February 2023.

K.Mukesh Varma III Year attended Paper presentation on at Study World College of Engineering, Coimbatore on 17th February 2023.

🌸 Workshop

Totally 295 Students from II, III & IV Year attended 43 Workshops from January 2023 to July 2023.

🌸 Seminar / Webinar

Totally 53 Students from II, III & IV Year attended 6 Seminars / Webinars from January 2023 to June 2023.

🌸 Technical Events

Totally 92 Students from II, III & IV Year attended 20 various Technical events from January 2023 to June 2023.

🌸 Non-Technical Events

Totally 16 Students from II, III & IV Year attended 6 various Non - Technical events from January 2023 to June 2023.

🌸 Value Added Course

- CATIA V5
- NX CAD
- SOLIDWORKS
- Fundamentals of JAVA Programming

🌸 Industrial Visit

- NTC Logistics India Pvt. Ltd., Namakkal.
- Milky Mist Dairy Food Pvt. Ltd, Erode.
- Indian Space Research Organisation (ISRO), Tirunelveli.
- SAIL-Salem Steel Plant, Salem.

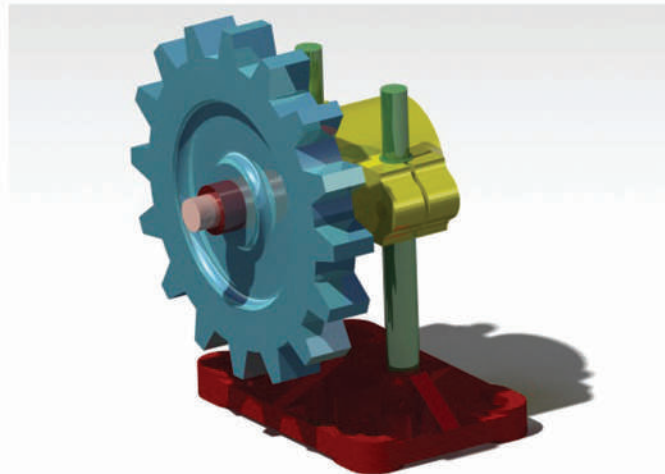
🌸 PLACEMENT DETAILS

S.NO	NAME OF THE COMPANY	NUMBER OF STUDENTS PLACED
1	HARITA TVS (DESIGN)	29
2	HARITA TVS VEHICLE ELCTRONICS	12
3	CTS	11
4	TCS	1
5	CENTIZON	5
6	RENAULT NISSAN TECHNOLOGY AND BUSINESS CENTRE INDIA PVT. LTD	2
7	MALLOW TECHNOLOGIES	1
8	TEXMO INDUSTRIES PVT. LTD	50
9	AQUASUB ENGINEERING PVT. LTD	35
10	TVS SUNDARAM FASTNERS PVT. LTD	22
11	ANAND INDUSTRIES	07
12	GESTAMP AUTOMOTIVES CHENNAI PVT. LTD	42
13	DAEBU AUTOMOTIVE	05
14	MSP TYRES	08
15	AGRO TECH	03
TOTAL		233

SHREE HARY BHAA
BATCH - 2022-2023



JAGANATHAN M
BATCH - 2022-2023



SUKANTH S
BATCH - 2022-2023

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



Namakkal - Trichy Main Road, Thottiam, Trichy (Dt) 621 215, Tamilnadu.

Mob : 80125 05000, 80125 05011, 80125 05054 email : admissions@kongunadu.org

www.kongunadu.ac.in