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

DEPARTMENT OF MECHANICAL ENGINEERING



MECHCLUSTER - NEWSLETTER

Editorial Board :

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- ◆ Mr. M.Elavarasan - Third Year MECH
- ◆ Mr. P.Thavasi - Third Year MECH

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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

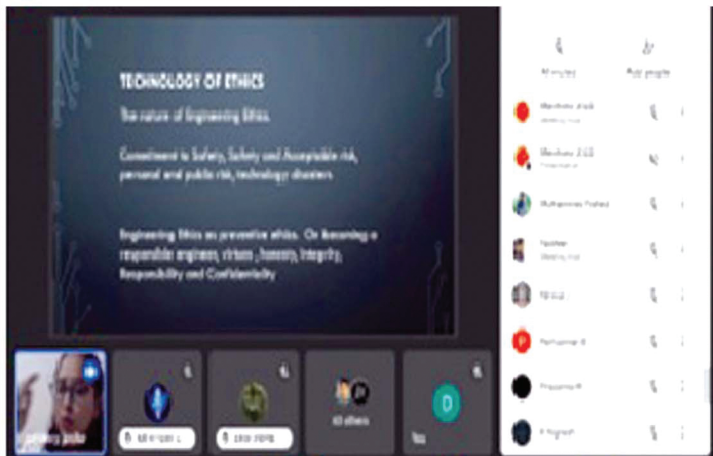
METAS Inaugural Function and Seminar on 'Inspiring Experiences of Rocket Science' was organized on 27th August 2022. The resource person was Shri D.S.Antuvan, Senior Scientist (Retd.), Vikram Sarabhai Space Centre (VSSC), Indian Space Research Organisation (ISRO), Trivandrum.



Guest Lecture on 'Challenges in Design and Manufacturing of Nuclear Steam Generator' was organized on 15th October 2022. The resource person was Mr.M.Arunkumar, B.E., M.S., Deputy Manager, Research & Product Development, Bharath Heavy Electricals Ltd, Trichy.



Webinar on 'Sculpting Professional Ethics' was organized on 11th November 2022. The resource person was Mrs.S.Gayathry, M.A., M.H.R.M., Head, HR, Teachsub Technologies Pvt Ltd, Chennai.



Workshop

Workshop on '3D-Printing' was organized on 21st and 22nd September 2022. The resource person was Mr.P.S.Sujai, Head-Madurai Branch, Dream Shapes, Chennai.

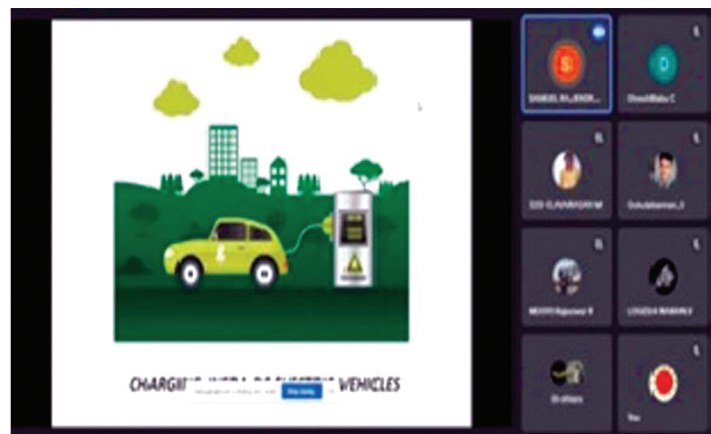


SAE Club Activities

Seminar on 'SAE for Career Building' was organized on 19th October 2022. The resource person was Dr.P.Navaneetha krishnan, Professor & Chief coordinator - Planning Cell, Kongu Engineering college, Perundurai, Erode.

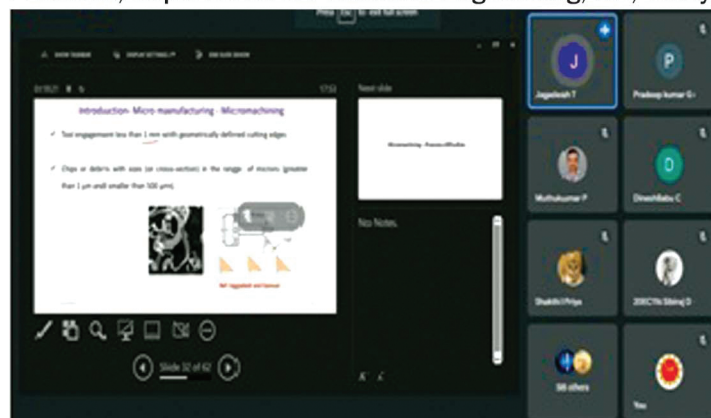


Webinar on 'Charging Infra for Electric Vehicles' was organized on 22nd November 2022. The resource person was Mr.Samuel Rajendran, M.Tech, Design Engineer, JEF Techno solutions Private Limited, Bangalore.



External Activities

Webinar on 'Research Challenges in Micro Manufacturing Process and Measurement' was organized on 05th November 2022. The resource person was Dr.T.Jagadeesh, Assistant Professor, Department of Production Engineering, NIT, Trichy.



Entrepreneurship Development Cell (EDC) Activities

Seminar on 'Importance of Innovation, Incubation Activities in HEI & Importance of Start-up Eco System in India' was organized on 25th July 2022. The resource person was Mr.Yeshaswi Nag, Mentor of Atal Incubation Centre – Jyothi Institute of Technology, Bangalore.

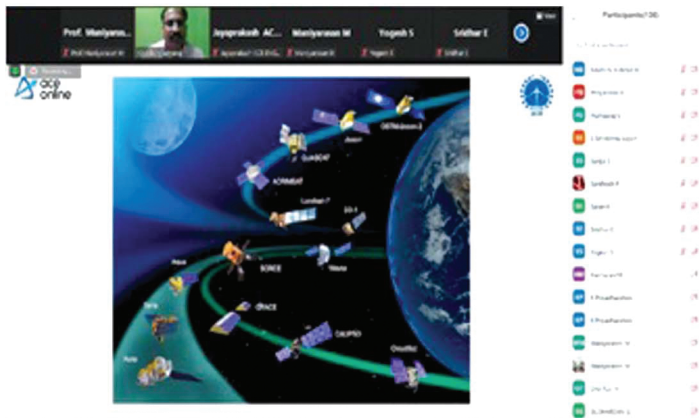


Awareness Program on 'Entrepreneurship & Innovation' was organized on 27th August 2022. The resource person was Dr.Venkateshwaran Krishnaswami, Incubation Scientist, EDII, Anna University BIT Campus, Trichy.



Higher Education Cell

Webinar on 'Future Scope for Mechanical Engineers through GATE' was organized on 19th November 2022. The resource person was Mr.VRDM Kaushik Agastyaraj, Senior Faculty, ACE Engineering Academy, Hyderabad.



Kongunadu Innovation Council

Webinar on 'Virtual Reality and Augmented Reality' was organized on 23rd December 2022. The resource person was Mr.S.Ragul, AP, Department of Electrical and Electronics Engineering, Kongunadu College of Engineering and Technology, Trichy.



Multimedia Club

Multimedia club was inaugurated on 20th October 2022. The Chief Guest was Mr.Rio Raj, Artist and Video Jockey.



Department Achievements

Patents

Dr.M.Vivekanandan, Mr.J.Phani Krishna, Dr.Ashok Kumar katta, Dr.D.Jagadeesh, Mr.J.Aravindan, Mr.B.Danushkumar, Dr.G.Saravanan, Dr.K.Periasamy, Mr.S.Kumaravel, Mr.S.Chandra kumar filed a patent on 'Concentric Conical Loading TEE Pneumatic Feeder to Handle Moisture and Dry Powers for Long Distance', No. 202241057804A on 21st October 2022.

Dr.M.Vivekanandan, Mr.J.Phani Krishna, Dr.Ashok Kumar katta, Dr.D.Jagadeesh, Mr.C.Bala Krishnan, Mr.S.Pravin, Dr.G.Saravanan, Dr.K.Periasamy, Mr.N.Kawin, Mr.R.Karthik filed a patent on 'An Optimal Sorbent Injection Lance with Multiple arms to Evenly Distribute (Mixing) the Particles across the Duct', No. 202241057800A on 21st October 2022.

Consultancy Work

Project Titled '3D Modelling and Preparation of Fabrication drawings of Duct panels for NTPC Singrauli Unit 1B 2 x 210 MW' was funded an amount of Rs.1,00,000 by Try CAE Industrial Engineering Pvt. Ltd, Trichy and the project duration from 01st August to 31st October 2022.

Publication in Journals

T. Maridurai, R. Arivazhagan, S. Sivachandran, R. Venkatesh, S.Baskar, "Review on direct steam generation using concentrated solar collectors", AIP Conference Proceedings, Volume 2473, Issue 1, pp. 020008 (1-4).

G.Saravanan, D.Jagadeesh, C.Saravanamurthi, P.Pugalethi, "Experimental investigation and optimizing the predict of GTAW process parameter on Al5052", AIP Conference Proceedings, Volume 2473, Issue 1, pp. 020001 (1-16).

Periasamy.K, Sivashankar.N, Viswanathan.R, Balaji.J, "Optimization of multi passes friction stir process parameters on AA7075 Surface Hybrid Composite with reinforcement of SiC and Gr", Journal of Ceramic Processing Research, Vol. 23, issue no. 3, pp.335-343.

R.Venkatesh, N.Karthi, N.Kawin, T.Prakash, C.Ramesh Kannan, M.Karthigairajan, Ketema Bobe, "Synthesis and Adsorbent Performance of Modified Biochar with Ag/MgO Nanocomposites for Heat Storage Application", Journal of Adsorption Science and Technology, Vol.2022, Article ID 7423102.

S.Vijayakumar, S.Anitha, R.Arivazhagan, Ashebir Dingeto Hailu, T.V.Janardhana Rao, Hari Prasad Rao Pydi, "Wear Investigation of Aluminum Alloy Surface Layers Fabricated through Friction Stir Welding Method", Advances in Materials Science and Engineering, Vol. 2022, Article ID 4120145.

S.Baskar, T.Maridurai, R.Arivazhagan, S.Sivachandran, R.Venkatesh, "Thermal management of solar thermoelectric power generation", AIP Conference Proceedings, Volume 2473, Issue 1, pp. 020010 (1-6).

P.R.Kannan, K.Periasamy, P.Pravin, J.R.Vinod Kumaar, "An experimental investigation of wire breakage and performance optimisation of WEDM process on machining of recycled aluminium alloy metal matrix composite", Materials Science-Poland, Vol.40, Issue 3, pp. 12-17.

S. Sivachandran, R. Venkatesh, S. Baskar, R. Arivazhagan, T.Maridurai, "Experimental study of shell and tube heat Exchanger", AIP Conference Proceedings, Volume 2473, Issue 1, pp. 020005 (1-8).

Bhiksha Gugulothu, P.Anusha, M.Naga Swapna Sri, S.Vijayakumar, R.Periyasamy, Suresh Seetharaman, "Optimization of Stir-Squeeze Casting Parameters to Analyze the Mechanical Properties of Al7475/B4C/Al203/TiB2 Hybrid Composites by the Taguchi Method", Advances in Materials Science and Engineering, Vol. 2022, Article ID 3608984.

R.Venkatesh, S.Marimuthu, A.Mohana Krishnan, N.Ravi kumar, K.Gopalakrishnan, T.Thirugnanasambandham, "Incorporating tool identification system in normal machining centre using radio frequency identification", Elsevier-Materials Today Proceedings, (Online Published)

S.Prabhu, M.Naga Swapna Sri, P.Anusha, G.Saravanan, K.Kannan, Selvaraj Manickam, "Improvement of Mechanical Behavior of FSW Dissimilar Aluminum Alloys by Postweld Heat Treatments", Advances in Materials Science and Engineering, Vol. 2022, Article ID 3180442

R.Venkatesh, P.Rajasekaran, K.Udayakumar, D.Jagadeesh, K.Raju, Melkamu Beyene Bayu, "Adsorption and Photocatalytic Degradation Properties of Bimetallic Ag/MgO/Biochar Nanocomposites", Adsorption Science and Technology, Vol.2022, Article ID 3631584

K.Periasamy, S.Ganesh, S.Chandrakumar, S.Nandha kumar, T.Thirugnanasambandham, Murtesa Dabesa Gurmesa, "Appraisal of Thermomechanical Performance of Aluminum Metal Matrix Composites Using Stir Casting Technique, Advances in Materials Science and Engineering, Vol.2022, Article ID 2381425.

R.Arivazhagan, S.Baskar, R.Venkatesh, T.Maridurai, S.SivaChandran, "Performance analysis of steam generators in thermal power plant", AIP Conference Proceedings, Vol. 2473, Issue no. 1, pp. 020006 (1-5)

K.Suganeswaran, R.Sathiskumar, V.K.Gobinath, K.Periasamy, R.Parameshwaran, N.Nithyavathy, "Microstructural characterization, Hardness and Impact behavior of AA7075/steel slag surface composite fabricated through multipass friction stir process", Journal of Adhesion Science and Technology, (Online Published)

R.Venkatesh, S.Sivachandran, T.Maridurai, S.Baskar, N.Sivashankar, R. Arivazhagan, "Magnesium alloy machining and its methodology: A systematic review and analyses", AIP Conference Proceedings, Volume 2473, Issue 1, pp. 020003 (1-7)

G.Ramyadevi, C.B.Priya, C.Dineshbabu, R.Karthick, K.Thanigavelmurugan, Prabhu Paramasivam, "Modelling and Deliberation of Multireinforcement Surface on Tribothermal Adsorption Performance of Nickel Alloy Matrix Nano Composites", Adsorption Science and Technology, Vol.2022, Article ID 3697662.

N.Sivashankar, R.Thanigaivelan, "Electrochemical Micro machining of Magnesium AZ31 alloy using minimum quantity electrolyte", Materials and Manufacturing Processes, (Online Published).

S.Marimuthu, P.Lakshmanan, K.Raju, A.Mohanakrishnan, R.Venkatesh, M.Dineshkumar, "Performance study on glazed solar air heater for agri products", Elsevier-Materials Today Proceedings, (Online Published).

Resource Person

Mr.N.Sivashankar, AP, acted as resource person in Boot Camp 'Idea to Product' conducted at Muthayammal Engineering College on 09th September 2022.

Mr.M.Maniyarasan, AP, acted as resource person in Guest Lecture conducted at Narasus Sarathy Institute of Technology on 18th November 2022.

FDP Attended

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

- FDP on 'ME8595-Thermal Engineering-II' organized by University College of Engineering, Villupuram from 18th to 23rd July 2022.

- FDP on 'Futuristic Research in Mechanical Engineering' organized by SRM Institute of Science and Technology from 08th to 13th August 2022.

- FDP on 'Rapid Manufacturing' organized by NPTEL from July to October 2022.

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

- FDP on 'ME8595-Thermal Engineering-II' organized by University College of Engineering, Villupuram from 18th to 23rd July 2022.

- FDP on 'Futuristic Research in Mechanical Engineering' organized by SRM Institute of Science and Technology from 08th to 13th August 2022.

- FDP on 'Trends & Challenges in The Development of Electric Vehicles & Hybrid Electric Vehicles (Series - I)' organized by Lendi Institute of Engineering & Technology from 26th to 30th September 2022.

- FDP on 'Trends & Challenges in The Development of Electric Vehicles & Hybrid Electric Vehicles (Series - II)' organized by Lendi Institute of Engineering & Technology from 14th to 18th November 2022.

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

- FDP on 'ME8595-Thermal Engineering - II' organized by University College of Engineering, Villupuram from 18th to 23rd July 2022.

- FDP on 'Futuristic Research in Mechanical Engineering' organized by SRM Institute of Science and Technology from 08th to 13th August 2022.

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

- FDP on 'ME8595-Thermal Engineering - II' organized by University College of Engineering, Villupuram from 18th to 23rd July 2022.

- FDP on 'Futuristic Research in Mechanical Engineering' organized by SRM Institute of Science and Technology from 08th to 13th August 2022.

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

- FDP on 'Futuristic Research in Mechanical Engineering' organized by SRM Institute of Science and Technology from 08th to 13th August 2022.

- FDP on 'Futuristic Research in Mechanical Engineering' organized by SRM Institute of Science and Technology from 08th to 13th August 2022.

- FDP on 'Sustainability & Intelligent Industry for Aerospace' organized by SRM Institute of Science and Technology from 05th to 21st October 2022.

Dr.S.Gobinath, Professor, Mechanical Engineering department attended

- FDP on 'Futuristic Research in Mechanical Engineering' organized by SRM Institute of Science and Technology from 08th to 13th August 2022.

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

- FDP on 'Futuristic Research in Mechanical Engineering' organized by SRM Institute of Science and Technology from 08th to 13th August 2022.

- FDP on 'Rapid Manufacturing' organized by NPTEL from July to October 2022.

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

- FDP on 'Futuristic Research in Mechanical Engineering' organized by SRM Institute of Science and Technology from 08th to 13th August 2022.

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

- FDP on 'Futuristic Research in Mechanical Engineering' organized by SRM Institute of Science and Technology from 08th to 13th August 2022.

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

- FDP on 'Futuristic Research in Mechanical Engineering' organized by SRM Institute of Science and Technology from 08th to 13th August 2022.

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

- FDP on 'Futuristic Research in Mechanical Engineering' organized by SRM Institute of Science and Technology from 08th to 13th August 2022.

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

- FDP on 'Futuristic Research in Mechanical Engineering' organized by SRM Institute of Science and Technology from 08th to 13th August 2022.

- FDP on 'Fundamentals of Additive Manufacturing Technologies' organized by NPTEL from July to October 2022.

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

- FDP on 'Futuristic Research in Mechanical Engineering' organized by SRM Institute of Science and Technology from 08th to 13th August 2022.

FDP on 'Fundamentals of Additive Manufacturing Technologies' organized by NPTEL from July to October 2022.

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

- FDP on 'Futuristic Research in Mechanical Engineering' organized by SRM Institute of Science and Technology from 08th to 13th August 2022.

- FDP on 'Trends & Challenges in The Development of Electric Vehicles & Hybrid Electric Vehicles (Series - I)' organized by Lendi Institute of Engineering & Technology from 26th to 30th September 2022.

- FDP on 'Trends & Challenges in The Development of Electric Vehicles & Hybrid Electric Vehicles (Series - II)' organized by Lendi Institute of Engineering & Technology from 14th to 18th November 2022.

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

- FDP on 'Futuristic Research in Mechanical Engineering' organized by SRM Institute of Science and Technology from 08th to 13th August 2022.

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

- FDP on 'Futuristic Research in Mechanical Engineering' organized by SRM Institute of Science and Technology from 08th to 13th August 2022.

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

- FDP on 'Futuristic Research in Mechanical Engineering' organized by SRM Institute of Science and Technology from 08th to 13th August 2022.

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

- FDP on 'Futuristic Research in Mechanical Engineering' organized by SRM Institute of Science and Technology from 08th to 13th August 2022.

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

- FDP on 'Futuristic Research in Mechanical Engineering' organized by SRM Institute of Science and Technology from 08th to 13th August 2022.

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

- FDP on 'Futuristic Research in Mechanical Engineering' organized by SRM Institute of Science and Technology from 08th to 13th August 2022.

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

- FDP on 'Futuristic Research in Mechanical Engineering' organized by SRM Institute of Science and Technology from 08th to 13th August 2022.

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

- FDP on 'Futuristic Research in Mechanical Engineering' organized by SRM Institute of Science and Technology from 08th to 13th August 2022.

FDP on 'Rapid Manufacturing' organized by NPTEL from July to October 2022.

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

- FDP on 'Futuristic Research in Mechanical Engineering' organized by SRM Institute of Science and Technology from 08th to 13th August 2022.

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

- FDP on 'Futuristic Research in Mechanical Engineering' organized by SRM Institute of Science and Technology from 08th to 13th August 2022.

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

- FDP on 'Futuristic Research in Mechanical Engineering' organized by SRM Institute of Science and Technology from 08th to 13th August 2022.

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

- FDP on 'Futuristic Research in Mechanical Engineering' organized by SRM Institute of Science and Technology from 08th to 13th August 2022.

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

- FDP on 'Futuristic Research in Mechanical Engineering' organized by SRM Institute of Science and Technology from 08th to 13th August 2022.

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

- FDP on 'Futuristic Research in Mechanical Engineering' organized by SRM Institute of Science and Technology from 08th to 13th August 2022.

Mr.J.Gunasekaran, AP, Mechanical Engineering department attended

- FDP on 'Futuristic Research in Mechanical Engineering' organized by SRM Institute of Science and Technology from 08th to 13th August 2022.

- FDP on 'Industry 4.0' organized by Epowerx Learning Technologies Private Limited on 03rd November 2022.

Webinar

Mr.S.K.Karthikeyan, ASP, attended Webinar on Importance of ISO 21001:2018 in NAAC held at ISDE Academy India Private Limited, on 27th July 2022.

Mr.C.Dineshbabu, AP, attended Webinar on Magneto Rheological Abrasive Flow Finishing Process held at SIMATS School of Engineering, on 27th July 2022.

Mr.R.Karthik, AP, attended Webinar on Magneto Rheological Abrasive Flow Finishing Process held at SIMATS School of Engineering, on 27th July 2022.

Mr.G.Selvakumar, AP, attended Webinar on Magneto Rheological Abrasive Flow Finishing Process held at SIMATS School of Engineering, on 27th July 2022.

Mr.N.Kawin, AP, attended Webinar on Magneto Rheological Abrasive Flow Finishing Process held at SIMATS School of Engineering, on 27th July 2022.

Mr.R.Prakash, AP, attended Webinar on Magneto Rheological Abrasive Flow Finishing Process held at SIMATS School of Engineering, on 27th July 2022.

Mr.M.Maniyarasan, AP, attended Webinar on Magneto Rheological Abrasive Flow Finishing Process held at SIMATS School of Engineering, on 27th July 2022.

Dr.K.Periasamy, Professor, attended Webinar on Hydraulics, Pneumatics and PLC held at Famic Technologies, on 10th August 2022.

Dr.G.Saravanan, ASP, attended Webinar on Hydraulics, Pneumatics and PLC held at Famic Technologies, on 10th August 2022.

Mr.C.Dineshbabu, AP, attended Webinar on Intellectual Property Awareness/Training held at Intellectual Property Office, India, on 12th August 2022.

Dr.D.Jagadeesh, ASP, attended Webinar on Fluid Power Control held at Annapoorana Engineering College, on 22nd September 2022.

Dr.K.Periasamy, Professor, attended Webinar on Fluid Power Control held at Annapoorana Engineering College, on 22nd September 2022.

Dr.V.Elango, Professor, attended Webinar on Fluid Power Control held at Annapoorana Engineering College, on 22nd September 2022.

Dr.S.Gobinath, Professor, attended Webinar on Fluid Power Control held at Annapoorana Engineering College, on 22nd September 2022.

Dr.A.Nithya, ASP, attended Webinar on Fluid Power Control held at Annapoorana Engineering College, on 22nd September 2022.

Mrs.V.Selvam, AP, attended Webinar on Fluid Power Control held at Annapoorana Engineering College, on 22nd September 2022.

Mr.Ra.Aravind, AP, attended Webinar on Fluid Power Control held at Annapoorana Engineering College, on 22nd September 2022.

Mr.P.Raja, AP, attended Webinar on Fluid Power Control held at Annapoorana Engineering College, on 22nd September 2022.

Mr.V.Muthukumar, AP, attended Webinar on Fluid Power Control held at Annapoorana Engineering College, on 22nd September 2022.

Mr.E.Sivaprakash, AP, attended Webinar on Fluid Power Control held at Annapoorana Engineering College, on 22nd September 2022.

Mr.S.Mohankumar, AP, attended Webinar on Fluid Power Control held at Annapoorana Engineering College, on 22nd September 2022.

Mr.S.Chandrakumar, AP, attended Webinar on Fluid Power Control held at Annapoorana Engineering College, on 22nd September 2022.

Mr.A.Natarajan, AP, attended Webinar on Fluid Power Control held at Annapoorana Engineering College, on 22nd September 2022.

🔗 Workshop

Mr.G.Selvakumar, AP, attended Workshop on Natural resources for Sustainable Life held at Kongunadu College of Engineering and Technology, on 30th June 2022.

Mr.E.Sivaprakash, AP, attended Workshop on Natural resources for Sustainable Life held at Kongunadu College of Engineering and Technology, on 30th June 2022.

Mr.R.Prakash, AP, attended Workshop on Natural resources for Sustainable Life held at Kongunadu College of Engineering and Technology, on 30th June 2022.

🔗 NPTEL Courses

Dr.D.Jagadeesh, ASP, had successfully completed 12 weeks NPTEL course on Rapid Manufacturing.

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

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

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

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

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

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

Mr.C.Dineshbabu, AP, had successfully completed 12 weeks NPTEL course on Fundamentals of Additive Manufacturing Technologies.

Mr.J.Gunasekaran, AP, had successfully completed 12 weeks NPTEL course on Applied Thermodynamics.

Dr.A.Nithya, ASP, had successfully completed 12 weeks NPTEL course on Principles of Management.

🔗 Students Achievement

🔗 Prize Winners

Vignesh P, III Year, Won First prize in 'Machining' conducted at Paavai College of Engineering, Namakkal from 20.10.2022 to 21.10.2022.

Jasim Ahamed.J, III Year, Won First prize in 'Paper Presentation' conducted at OASYS Institute of Technology, Trichy on 19.10.2022.

Mohamed Halith.A and Visveshwaran.V III Year Won First prize in 'Treasure Hunt' conducted at OASYS Institute of Technology, Trichy on 19.10.2022.

Mathesh.N, Mohanraj.G and Nandhakumar.P III Year Won Second prize in 'Technical Quiz' conducted at Sri Ramakrishna Engineering College, Coimbatore on 19.10.2022.

Harish.S.L, Arunbharathi.A, Gowtham.S and Gowthaman.R III Year Won Second prize in 'Paper Presentation' conducted at AVS College of Technology, Salem on 19.10.2022.

Harish.S.L and Arunbharathi.A, III Year Won First prize in 'Meme Creator' conducted at AVS College of Technology, Salem on 19.10.2022.

Gowtham.S and Gowthaman.R III Year Won First prize in 'Photography' conducted at AVS College of Technology, Salem on 19.10.2022.



Tharun.P IV Year Won First prize of cash Reward Rs.15,000 in 'Drone Track Racing' conducted at VELS Institute of Science and Technology & Advanced Studies, Chennai on 18.10.2022 and 19.10.2022.



Bharathi Raja.J, III Year, Won Second prize in 'Paper Presentation' conducted at Kurinji College of Engineering and Technology, Manapparai on 14.10.2022.

Jagadeeswaran.S, III Year, Won Second prize in 'Logo Design' conducted at Kurinji College of Engineering and Technology, Manapparai on 14.10.2022.

Jagadeeswaran.S, Abilash.A, Guna.K and Chandru.R III Year, Won Second prize in 'Paper Presentation' conducted at Kurinji College of Engineering and Technology, Manapparai on 14.10.2022.

Sakthivel.J and Rengaraj.S, III Year, Won Third prize in 'Paper Presentation' conducted at Kurinji College of Engineering and Technology, Manapparai on 14.10.2022.

Tharun.P IV Year Won First prize of cash Reward Rs.10,000 in 'Drone Racing' conducted at SSN College of Engineering, Chennai on 03.11.2022.



Jesus Anbu Rose and Krithick Roshan.S III Year, Won Second prize in 'Quiz' conducted at Kurinji College of Engineering and Technology, Manapparai on 14.10.2022

Rohit.M and Ramesh.S II Year, Won First prize in 'Paper Presentation' conducted at Kurinji College of Engineering and Technology, Manapparai on 14.10.2022.

Nithish Ramana.M.K III Year, Won Second prize in 'Photography' conducted at National Engineering College, Kovilpatti on 14.10.2022.

Jayakumar.S, Harish.K and Hariharan.B IV Year, Won First prize in 'Paper Presentation' conducted at Dhanalakshmi Srinivasan Institute of Research and Technology, Perambalur on 13.10.2022.

Hirithik Roshan.A.B, Bharathiraja.J, Jesus Anbu Rose, Devadharshini.T, Harish.S.L and Guna.K III Year, Won First prize of Cash Reward Rs.1 Lakh in 'Smart India Hackathon 2022' conducted at Arya Institute of Engineering and Technology, Jaipur from 25.08.2022 to 29.08.2022.



🌀 Paper Presentation

II year (6 Students) attended Paper presentation at Sasurie College of Engineering, Tirupur on 05.11.2022.

III year and IV year (19 Students) attended Paper presentation at Paavai Engineering College, Namakkal on 01.11.2022.

III year and IV year (19 Students) attended Paper presentation at Paavai Engineering College, Namakkal on 21.10.2022.

III year (6 Students) attended Paper presentation at Erode Sengunthar Engineering College, Erode on 20.10.2022.

III year (6 Students) attended Paper presentation at Sengunthar Engineering College, Tiruchengode on 19.10.2022 and 20.10.2022.

III year (8 Students) attended Paper presentation at Sri Ramakrishna Engineering College, Coimbatore on 19.10.2022.

III year and IV year (42 Students) attended Paper presentation at OASYS Institute of Technology, Trichy on 19.10.2022.

Ajith.R, III Year attended Paper presentation at AVS College of Technology, Salem on 19.10.2022.

III year (9 Students) attended Paper presentation at Bannari Amman Institute of Technology, Erode on 18.10.2022 and 19.10.2022.

III year and IV year (25 Students) attended Paper presentation at Kurinji College of Engineering and Technology, Manapparai on 14.10.2022.

III year (4 Students) attended Paper presentation at National Engineering College, Kovilpatti on 14.10.2022.

IV year (11 Students) attended Paper presentation at Dhanalakshmi Srinivasan Institute of Research and Technology, Perambalur on 13.10.2022.

III year and IV year (14 Students) attended Paper presentation at Gnanamani College of Technology, Namakkal on 12.10.2022.

Manikandan.M and Sathish Kumar.R IV year attended Paper presentation at Velalar College of Engineering and Technology, Erode on 01.10.2022.

III year and IV year (26 Students) attended Paper presentation at SSM College of Engineering, Namakkal on 15.09.2022.

III year and IV year (45 Students) attended Paper presentation at SIMATS School of Engineering, Chennai on 10.08.2022.

🌀 Project Presentation

IV year (17 Students) attended Project Expo at National Engineering College, Kovilpatti on 14.10.2022.

IV year (3 Students) attended Project Expo at Gnanamani College of Technology, Namakkal on 12.10.2022.

IV year (17 Students) attended Project Expo at SSM College of Engineering, Namakkal on 15.09.2022.

🌀 Workshop

In our department totally 66 Students (II, III & IV Year) attended 14 Workshops from June 2022 to Dec 2022.

🌀 Webinar

In our department totally 93 Students (II, III & IV Year) attended 3 Webinars from June 2022 to Dec 2022.

🌀 Technical Events

In our department totally 41 Students (II, III & IV Year) attended in various Technical Events from June 2022 to Nov 2022.

🌀 NPTEL Course

In our department totally 53 Students (III & IV Year) had successfully completed the 12 weeks NPTEL Course.

⚙ Placement Details

S.No	Name of the Company	No. of Students Placed
1	CTS	11
2	Renault Nissan Technology & Business Centre India	2
3	TCS	1
4	Harita Techserv	29
5	Harita Techserv - Vehicle Electronics	12
6	Mallow Technologies	1
7	Centizen	5
8	Texmo Industries	50
9	AQUASUB	35

⚙ Industrial Visits

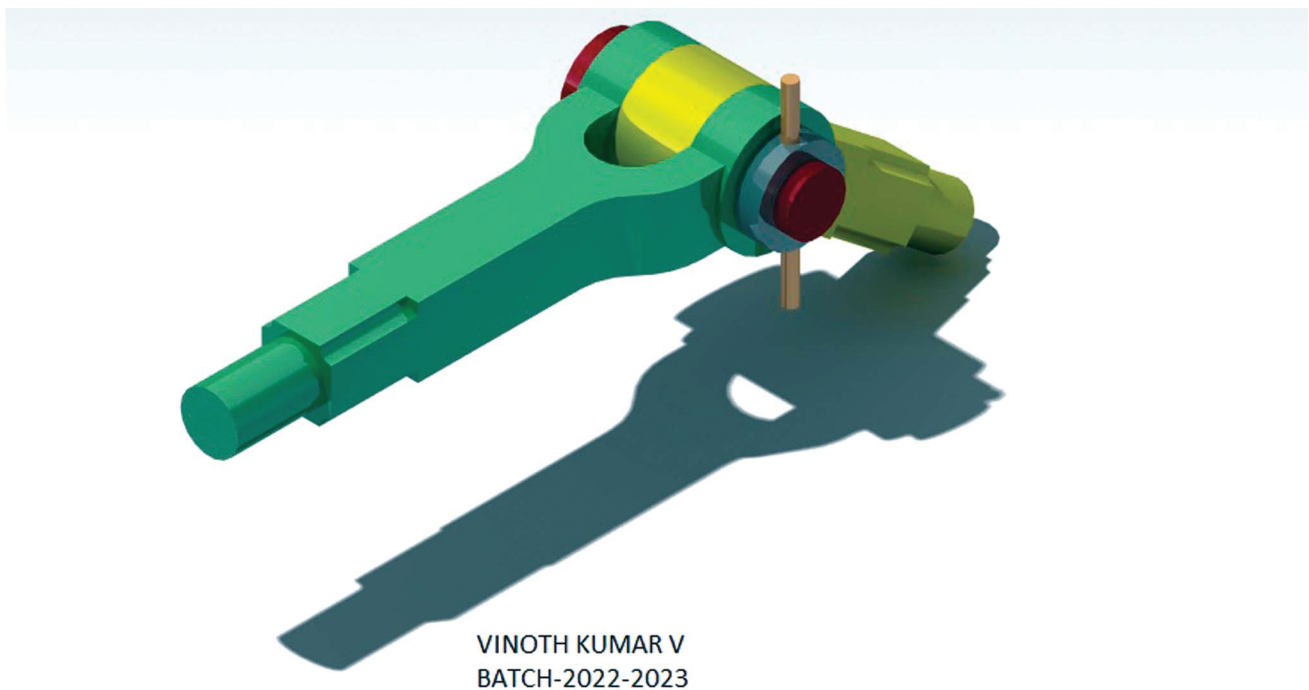
- Keltron controls, Kerala
- Sea Blue Shipyard Ltd, Kerala
- Aavin Milk, Chithode, Erode
- Thiruchirapalli Engineering and Technology Clustur, Trichy
- Ashok Leyland – Auto Expo, Namakkal
- Kothari Sugars And Chemicals Limited – Kattur
- Metur Thermal Power Station, Mettur Dam
- Saranya Spinning Mills (P) Ltd - Namakkal



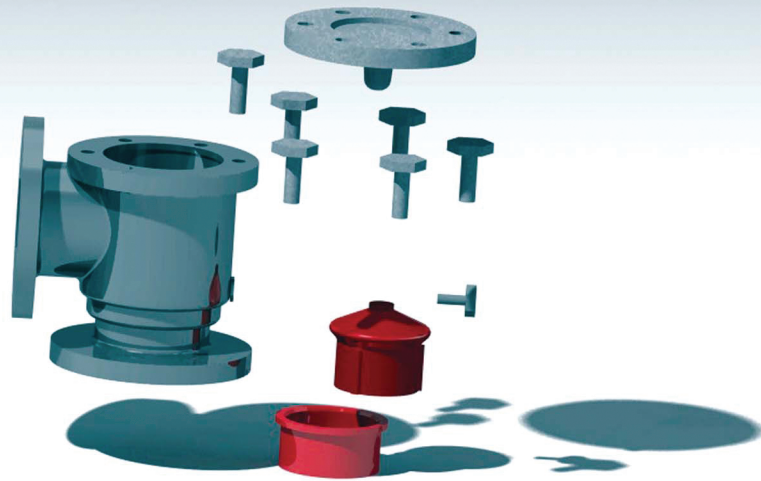
⚙ Value Added Courses

- SOLIDWORKS
- CATIA V5
- C PROGRAMMING

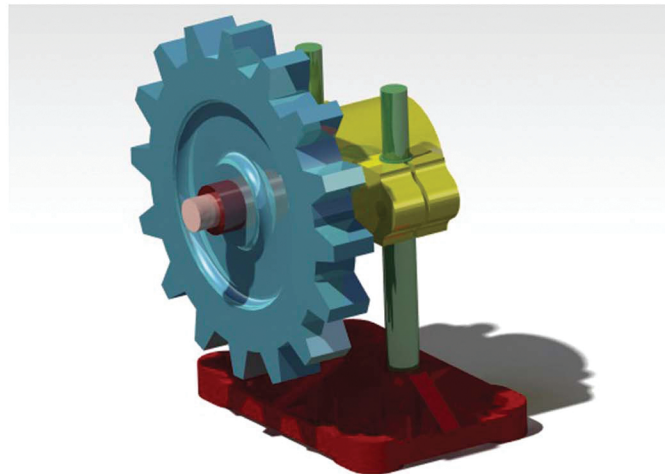
⚙ Students Product Design Testimonials :



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.



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