



ERODE SENGUNTHAR ENGINEERING COLLEGE

AUTONOMOUS

(APPROVED BY AICTE, NEW DELHI AND PERMANENTLY AFFILIATED TO ANNA UNIVERSITY, CHENNAI
ACCREDITED BY NBA, NEW DELHI, NAAC WITH GRADE "A", BANGALORE, IE(I), KOLKATA)

PERUNDURAI, ERODE - 638 057, TAMILNADU.

DEPARTMENT OF MECHANICAL ENGINEERING

News Letter

Mech Tattva -The Truth in Depth

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Founder



UDYOG RATTAN
Thiru J Sudhanandhen

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COLLEGE VISION

Vision of Erode Sengunthar Engineering College is to become a World Class Technical Institution and Scientific Research Centre for the Benefit of the Society.

COLLEGE MISSION

Erode Sengunthar Engineering College will strive continuously to

1. Create Positive difference to Society through Innovative Teaching – Learning Process.
2. Impart Value Based Technical Education to the Students from across various Socio Economic backgrounds.
3. Build State of art infrastructure for high quality Research and Development capabilities on par with the finest in the Globe and widen student's horizons beyond Class Room.
4. Bring out Competent, Ethically Strong and Quality Professionals.

QUALITY POLICY

Erode Sengunthar Engineering College is committed to impart World Class Technical Know-How to the Students from diverse Socio Economic backgrounds and to transform their lives by nurturing Multi-Skills and facilitating them to develop holistically



VISION

To become the premier department of excellence in the field of Mechanical Engineering, committed to provide global quality Mechanical Engineers to cater the needs of industries and the nation, in general.

MISSION

DM1: Teaching – Learning Process: To impart quality technical education through innovative teaching and learning mechanisms.

DM2: State of Art Infrastructure: To build the state-of-the-art infrastructure facilitating the faculty and students to learn and disseminate knowledge and innovate in their career.

DM3: Research and Development: To mould the aspiring young minds to emerge as successful practitioners of quality education through entrepreneurship, consultancy and research.

DM4: Core values & Ethics: To instill core values and strong ethics, nurturing the intellectual, socio-cultural and economic development of our diverse community.

PEO

PEO1: Basic knowledge: To prepare the students with strong fundamental knowledge in Mathematics, Science, English and Engineering Sciences so as to enable them to analyze the Mechanical Engineering related problems

PEO2: Core competence and professionalism: To develop ability among the students for acquiring technical knowledge in the Subjects and gaining the technical skills in classical software packages, applying the same for design, fabricate and install the machines.

PEO3: Research and Consultancy: To provide opportunities for the students to carry out research and consultancy activities by understanding the different industrial environments.

PEO4: Continuous Learning: To promote the students for continuous learning and higher studies with strong professional, moral and ethical values.

PSO

PSO1: Materials and Methods: An ability to choose the appropriate materials, the manufacturing process to design, model, simulate, analyze and fabricate the mechanical and thermal systems using suitable tools and techniques.

PSO2: Standardization: An ability to adopt various standard practices pertaining to design, manufacturing, operation and testing.

PSO3: Publication: An ability to document the inferences, interpretation of the results and publish the output in different forums.



PO'S



PO1:Engineering Knowledge: Apply knowledge of mathematics, natural science, computing, engineering fundamentals and an engineering specialization as specified in WK1 to WK4 respectively to develop to the solution of complex engineering problems.

PO2:Problem Analysis: Identify, formulate, review research literature and analyze complex engineering problems reaching substantiated conclusions with consideration for sustainable development. (WK1 to WK4)

PO3:Design/Development of Solutions: Design creative solutions for complex engineering problems and design/develop systems/components/processes to meet identified needs with consideration for the public health and safety, whole-life cost, net zero carbon, culture, society and environment as required. (WK5)

PO4:Conduct Investigations of Complex Problems: Conduct investigations of complex engineering problems using research-based knowledge including design of experiments, modelling, analysis& interpretation of data to provide valid conclusions. (WK8).

PO5:Engineering Tool Usage: Create, select and apply appropriate techniques, resources and modern engineering & IT tools, including prediction and modelling recognizing their limitations to solve complex engineering problems. (WK2 and WK6)

PO6:The Engineer and The World: Analyze and evaluate societal and environmental aspects while solving complex engineering problems for its impact on sustainability with reference to economy, health, safety, legal frame work, culture and environment. (WK1, WK5, and WK7).

PO7:Ethics: Apply ethical principles and commit to professional ethics, human values, diversity and inclusion; adhere to national & international laws. (WK9)

PO8:Individual and Collaborative Teamwork: Function effectively as an individual, and as a member or leader in diverse/multi-disciplinary teams.

PO9:Communication: Communicate effectively and inclusively within the engineering community and society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations considering cultural, language, and learning differences

PO10:Project Management and Finance: Apply knowledge and understanding of engineering management principles and economic decision-making and apply these to one's own work, as a member and leader in a team, and to manage projects and in multidisciplinary environments.

PO11:Life-Long Learning: Recognize the need for, and have the preparation and ability for
i) Independent and life-long learning ii) adaptability to new and emerging technologies and iii) critical thinking in the broadest context of technological change. (WK8)

About the Department

As industries move towards greater efficiency and environmental responsibility, mechanical engineering continues to play a crucial role in shaping modern technology and infrastructure.

The **Department of Mechanical Engineering** was established in the year **1996**. It is equipped with the state-of-the-art laboratories and computing facilities with high caliber equipment and machinery. The department has highly qualified and experienced faculty members. Accredited by **NBA in 2009** the Department has been recognized as a research centre by Anna University. The department also offers a Postgraduate Programme (M.E.) in Industrial Safety Engineering and M.E Manufacturing Engineering.

The Department has **modern facilities**, enabling **cutting edge research** in a wide spectrum of technological areas. The department actively assists local industries in product design, complex-part manufacturing etc.,

The faculty members actively engage in research and constantly publish papers in International and National Journals. Guest lectures and industrial visits are periodically arranged for the students to enhance their curriculum. The department is well known for its vibrant club activities and professional chapters. The students are trained through the incubation centre, **CNC Training** cum Machining center and **Drone development** center to carry out real time projects.

The students are exposed to latest developments in the field of Mechanical Engineering by means of organizing symposia, seminars, workshops to enrich their knowledge. Apart from that, the students are **trained in language laboratory** to enhance their communication skills and in **software packages** to design and simulate and analyses the mechanical components. It strives for all round excellence in students, encouraging them in all extra-curricular activities.

Faculty Achievements



Dr. J. Balaji, faculty member, Department of Mechanical Engineering, presented three research papers at the DST-SERB Sponsored International Conference on Innovations in Science, Engineering and Technology for Sustainable Development (ISETSD-2023) organised by Muthayammal Engineering College (Autonomous), Rasipuram, on 30–31 January 2023

Dr. J. Balaji, faculty member, Department of Mechanical Engineering, participated and presented his research work at the ISAMPE National Conference on Composites (INCCOM-18) held in Bangalore on 8–9 February 2024.



Dr. S. Navaneethakrishnan, faculty member, Department of Mechanical Engineering, presented two research papers at the National Conference on “Prototyping aided by Additive Manufacturing-2023” organised by C. Abdul Hakeem College of Engineering and Technology on 7 January 2023

Mr. V. P. Krishnamurthy, faculty member, Department of Mechanical Engineering, presented a research paper titled “Generative Adversarial Network...” at the International Conference on Disruptive Technology (ICDT-2023) organised by G.L. Bajaj Institute of Technology and Management (GLBITM), Greater Noida, on 11–12 May 2023



Dr. S. Suresh, faculty member, Department of Mechanical Engineering, presented a research paper titled “Improving Composite Joints with Nanoparticles...” at the ISAMPE National Conference on Composites (INCCOM-18) held in Bangalore on 8–9 February 2024



Dr. J. Balaji, faculty member, Department of Mechanical Engineering, successfully attended the 5-Day Online Faculty Development Programme on “Research Innovations in Materials and Manufacturing (RIMM’23)” held from 2–6 January 2023

Dr. J. Balaji faculty member, Department of Mechanical Engineering, successfully attended the One-Week Online Faculty Development Programme on “Recent Advances in Mechanical Engineering...” held from 6–10 February 2023.



Dr. S. Navaneethakrishnan, faculty member, Department of Mechanical Engineering, successfully attended the 5-Day Virtual International Faculty Development Programme on “Global Conversations in Mechanical Engineering: Bridging Innovation and Sustainability” held from 19–23 February 2024

Mr. N. S. Mohan, Department of Mechanical Engineering, participated in “The International Automotive Quiz Competition” held on 26 March 2023.



Mr. V. P. Krishnamurthy, faculty member, Department of Mechanical Engineering, successfully attended the 6-Day Online Faculty Development Programme on “Recent Advancements and Activities in the Manufacturing of Composite Materials (RAAMCA’23)” held from 8–13 May 2023



Mr. V. P. Krishnamurthy, faculty member, Department of Mechanical Engineering, successfully attended the One-Day Workshop on “Design – The Future of Engineering” held on 17 March 2023.

Mr. V. P. Krishnamurthy, faculty member, Department of Mechanical Engineering, successfully attended the One-Day Workshop on “Outcome Based Education” held on 4 February 2023.



Mr. A. Prabhakaran, faculty member, Department of Mechanical Engineering, successfully attended the following online webinars:

- “Product Development Process” held on 14 January 2024
- “Machining the Future...” held on 21 February 2024

Dr. S. Suresh, faculty member, Department of Mechanical Engineering, successfully attended the 6-Day STTP/FDP on “Design Thinking and Problem Solving Approach in Robotics and Drones” held from 12–17 February 2024.



Dr. N. Saravanan, faculty member, Department of Mechanical Engineering, successfully participated in the 3-Day National Level Workshop on Assessment & Accreditation / NEP held from 8–10 February 2023



Mr. S. Karthikeyan, faculty member, Department of Mechanical Engineering, has contributed a book chapter titled “Safeguarding the Future... Biodegradable Nanocoatings...” published by Infinity Publications in 2024.

Dr. S. Suresh, faculty member, Department of Mechanical Engineering, has contributed two book chapters in the domain of 3D Printing Technologies, published in 2024



Dr. J. Balaji, faculty member, Department of Mechanical Engineering, has been granted a Design Patent for “Battery Operated Bike”, published in the Official Journal of Patents with journal date 28 April 2023

Dr. M. Pandian, faculty member, Department of Mechanical Engineering, has published research papers in the Journal of Pharmaceutical Negative Results (Special Issue 10, 2022).



Dr. M. Pandian, faculty member, Department of Mechanical Engineering, has published a research paper in the International Journal of Interactive Design and Manufacturing (IJIDeM) in February 2024.



Dr. N. Saravanan, faculty member, Department of Mechanical Engineering, has published a research paper in the Journal of Natural Fibers (Volume 19, 2022).

Dr. S. Suresh, faculty member, Department of Mechanical Engineering, has received a grant of ₹90,000 from the Science and Engineering Research Board (SERB) for organising a workshop on AI-Enhanced Unmanned Aerial Vehicles (UAVs)



Dr. N. Saravanan, faculty member, Department of Mechanical Engineering, has received a grant of ₹1,00,000 from the Science and Engineering Research Board (SERB) for organising a seminar on Green Energy.

Dr. S. Navaneethakrishnan, faculty member of the Department of Mechanical Engineering, Erode Sengunthar Engineering College, has received the Academic Achiever Award 2022–23.



Dr. J. Balaji, faculty member of the Department of Mechanical Engineering, Erode Sengunthar Engineering College, delivered a guest lecture titled “Joining Processes for Light Weight Alloys” on 27 March 2023.



Dr. P. Thangavel, faculty member of the Department of Mechanical Engineering, Erode Sengunthar Engineering College, delivered a lecture titled “Wind Energy Conversion Technology” during the SERB-sponsored seminar organised from 12 to 16 February 2024.

Mr. G. Dhayanithi, student of the Department of Mechanical Engineering, Erode Sengunthar Engineering College, has received a grant of ₹7,500 from the Tamil Nadu State Council for Science and Technology (TNSCST) under the Student Project Scheme.



Dr. M. Pandian, faculty member of the Department of Mechanical Engineering, Erode Sengunthar Engineering College, has been awarded the NPTEL Discipline Star for the July–November 2023 session.

Dr. N. Saravanan, faculty member of the Department of Mechanical Engineering, Erode Sengunthar Engineering College, has been serving as a reviewer for multiple journals over the period 2022–2024.



Student Achievements

Sethubathi J, Logesh S and Dhasaradhan S, students of the Department of Mechanical Engineering, Erode Sengunthar Engineering College, secured the First Prize for their project “Design and Fabrication of Composite Material Based Electrical Fuse Carrier”.

Sethubathi J, student of the Department of Mechanical Engineering, Erode Sengunthar Engineering College, has been conferred the Best Campus Ambassador award by Top Engineers for the year 2023.

P. Kavinkumar, student of the Department of Mechanical Engineering, Erode Sengunthar Engineering College, delivered an impressive performance at the CENTIES tournament held in February 2024.

.D. Surendar and K. Tamilselvan, students of the Department of Mechanical Engineering, Erode Sengunthar Engineering College, secured 4th place in the Kabaddi competition organised at Sri Ramakrishna Institute on 22 February 2024.

G. P. Sivaraj, student of the Department of Mechanical Engineering, Erode Sengunthar Engineering College, secured the First Prize in the paper presentation competition for his work titled “Dissolved solids detector in water”

M. LiyakathNijamudeen, student of the Department of Mechanical Engineering, Erode Sengunthar Engineering College, secured the First Prize in the Technical Quiz event organised at KSR Institutions from 14 to 17 February 2024

Student Internships

The Department of Mechanical Engineering is delighted to announce that ten students successfully completed an intensive in-plant training programme at SUN V Technology, Coimbatore from 05.02.2024 to 10.02.2024

S.No	Name	Duration
1	Boopathi A	05.02.2024 to 10.02.2024
2	Hari Nivash K	05.02.2024 to 10.02.2024
3	Kirubasankar V	05.02.2024 to 10.02.2024
4	Kirubavathi R	05.02.2024 to 10.02.2024
5	Kishore Paul Y	05.02.2024 to 10.02.2024
6	Thirupathi B	05.02.2024 to 10.02.2024
7	Vetrivel P	05.02.2024 to 10.02.2024
8	Vignesh K	05.02.2024 to 10.02.2024
9	Yogeshwaran M	05.02.2024 to 10.02.2024
10	Hari Prasanth A	05.02.2024 to 10.02.2024



The Department of Mechanical Engineering is delighted to announce that ten students successfully completed an intensive in-plant training programme at Glory Engineering Works, Coimbatore from 06.02.2024 to 10.02.2024.

S.No	Name	Duration
1	Ashwin Raja M	06.02.2024 to 10.02.2024
2	Athithya A	06.02.2024 to 10.02.2024
3	Balasubramanian K	06.02.2024 to 10.02.2024
4	Mathivanan C M	06.02.2024 to 10.02.2024
5	Ponperumal Saravanan K	06.02.2024 to 10.02.2024
6	Suyabarathan R	06.02.2024 to 10.02.2024
7	Victor Jose A	06.02.2024 to 10.02.2024
8	Aravindh N	06.02.2024 to 10.02.2024
9	Bharath R	06.02.2024 to 10.02.2024
10	Prakash P	06.02.2024 to 10.02.2024

The Department of Mechanical Engineering is delighted to announce that six students successfully completed an intensive in-plant training programme at Sudharsanaa Industries, Coimbatore from 13.03.2024 to 17.03.2024.

S.No	Name	Duration
1	Vignesh S	13.03.2024 to 17.03.2024
2	Vijayaraj V	13.03.2024 to 17.03.2024
3	Hariharan K M	13.03.2024 to 17.03.2024
4	Manikandan T	13.03.2024 to 17.03.2024
5	Mohammed Ismail J	13.03.2024 to 17.03.2024
6	Sibiraj G	13.03.2024 to 17.03.2024

The Department of Mechanical Engineering is delighted to announce that ten students successfully completed an intensive in-plant training programme at Hashtag CNC Automation, Coimbatore from 20.02.2024 to 24.02.2024.

S.No	Name	Duration
1	Balaji V	20.02.2024 to 24.02.2024
2	Dinesh U	20.02.2024 to 24.02.2024
3	Giridharan S	20.02.2024 to 24.02.2024
4	Gokulkrishnan K	20.02.2024 to 24.02.2024
5	Meiyarasan K	20.02.2024 to 24.02.2024
6	Palani Selvam C	20.02.2024 to 24.02.2024
7	Sibiraj S	20.02.2024 to 24.02.2024
8	Sriram B	20.02.2024 to 24.02.2024
9	Vimal Raj R	20.02.2024 to 24.02.2024
10	Dinesh P	20.02.2024 to 24.02.2024

The Department of Mechanical Engineering is delighted to announce that seven students successfully completed an intensive in-plant training programme at Suriya Machines, Coimbatore from 19.03.2024 to 25.03.2024.

S.No	Name	Duration
1	Mithun Kumar	19.03.2024 to 25.03.2024
2	Mohan B	19.03.2024 to 25.03.2024
3	Nikkil C	19.03.2024 to 25.03.2024
4	Poovarasam G	19.03.2024 to 25.03.2024
5	Praveen Kumar E	19.03.2024 to 25.03.2024
6	Gokul B	19.03.2024 to 25.03.2024
7	Gopal V	19.03.2024 to 25.03.2024

The Department of Mechanical Engineering is delighted to announce that ten students successfully completed an intensive in-plant training programme at SUN V Technology, Coimbatore from 19.03.2024 to 25.03.2024.

S.No	Name	Duration
1	Gokulkumar S	19.03.2024 to 25.03.2024
2	Iniyavan M	19.03.2024 to 25.03.2024
3	Lakshminarayanan J R	19.03.2024 to 25.03.2024
4	Rahul Kannan K	19.03.2024 to 25.03.2024
5	Ranjith K	19.03.2024 to 25.03.2024
6	Saravanakumar K	19.03.2024 to 25.03.2024
7	Sasitharan K	19.03.2024 to 25.03.2024
8	Vasanth M	19.03.2024 to 25.03.2024
9	Yuvan Shankar S	19.03.2024 to 25.03.2024
10	Harishwaran V	19.03.2024 to 25.03.2024



The Department of Mechanical Engineering is delighted to announce that twenty students successfully completed intensive in-plant training programmes at MM Gears, Perundurai in two batches during April 2024.

S.No	Name	Duration
1	Arul Kumar A	03.04.2024 to 08.04.2024
2	Balaji K	03.04.2024 to 08.04.2024
3	Boopathi Raja B	03.04.2024 to 08.04.2024
4	Dhanalakshmi A	03.04.2024 to 08.04.2024
5	Divya G	03.04.2024 to 08.04.2024
6	Guruvanantham M	03.04.2024 to 08.04.2024
7	Naveenkumar A	03.04.2024 to 08.04.2024
8	Pradeep P	03.04.2024 to 08.04.2024
9	Ragun C	03.04.2024 to 08.04.2024
10	Ramesh M	03.04.2024 to 08.04.2024
S.No	Name	Duration
1	Sakthivel K	17.04.2024 to 22.04.2024
2	Sandeep R	17.04.2024 to 22.04.2024
3	Sasikumar M	17.04.2024 to 22.04.2024
4	Sathishkumar A	17.04.2024 to 22.04.2024
5	Senthamizh Valavan P	17.04.2024 to 22.04.2024
6	Siva P	17.04.2024 to 22.04.2024
7	Sridhar M	17.04.2024 to 22.04.2024
8	Suguna P	17.04.2024 to 22.04.2024
9	Surya E	17.04.2024 to 22.04.2024
10	Vimal K	17.04.2024 to 22.04.2024

Student Projects

The Department of Mechanical Engineering is proud to showcase the final year project titled “Investigation on Solar Refrigeration System” carried out under the guidance of Dr. M. Pandian, Professor & Head / Mechanical Engineering.

S.No	Roll Number	Project Member
1	20114021	Mushraf Khan
2	20114010	Hareram Kumar
3	20114026	Rahul Kumar
4	20114036	Sonu Kumar

The Department of Mechanical Engineering is proud to showcase the final-year project titled “Processing and Analysis of Natural Fiber and CI Particulate Reinforced Epoxy Polymer Composites” carried out by students of the 2024 batch under the guidance of Dr. S. Navaneethakrishnan, Associate Professor / Mechanical Engineering.

S.No	Roll Number	Project Member
1	20114039	Thooyavan M
2	20114027	Rajesh Kumar T
3	20114013	Kavin Kumar K
4	20114034	Sivanantham S



The Department of Mechanical Engineering is proud to showcase the final-year project titled “Influence of Nano Particles on the Stir Zone Seam of FSW Joints in AZ31B Magnesium Alloy” carried out by students of the 2024 batch under the guidance of Dr. J. Balaji, Associate Professor / Mechanical Engineering.

S.No	Roll Number	Project Member
1	20114312	Kaviraj S
2	20114321	Senthil Kumar S
3	20114317	Nivash S
4	20114003	Cibi C

The Department of Mechanical Engineering is proud to showcase the final-year project titled “Study of Microhardness and Wear Properties of AZ31B Magnesium Alloy with Addition of Ceramic Particles via FSW” carried out by students of the 2024 batch under the guidance of Dr. J. Balaji, Associate Professor / Mechanical Engineering.

S.No	Roll Number	Project Member
1	20114301	Ananth M
2	20114007	Dhasaradhan S
3	20114014	Logesh S
4	20114033	Shivajalpathi B

The Department of Mechanical Engineering is proud to showcase the final-year project titled “Enhancing Strength and Durability of PLA 3D Printed Component Joints through Adhesive Bonding” carried out by students of the 2024 batch under the guidance of Dr. S. Suresh, Associate Professor / Mechanical Engineering.

S.No	Roll Number	Project Member
1	20114018	Mohamed Faizal J A
2	20114019	Mohanraj S
3	20114030	Sanjay B
4	20114320	Rajkumar R

The Department of Mechanical Engineering is proud to showcase the final-year project titled “Microstructure and Mechanical Properties of Friction Stir Welded Al/Mg Joint with Addition of Nano Filler” carried out by students of the 2024 batch under the guidance of Dr. S. Suresh, Associate Professor / Mechanical Engineering.

S.No	Roll Number	Project Member
1	20114319	Premnath P
2	20114003	Balaji C
3	20114004	Bharathraj B
4	20114012	Kavinkumar P

The Department of Mechanical Engineering is proud to showcase the final-year project titled “Experimental Investigation of Hybrid Matrix Composite Using Plastic Waste” carried out by students of the 2024 batch under the guidance of Mr. P. Chokkalingam, Assistant Professor / Mechanical Engineering.

S.No	Roll Number	Project Member
1	20114031	Satheesh K
2	20114015	Maharaja
3	20114032	Sharukhan S
4	20114008	Diplal Kumar

The Department of Mechanical Engineering is proud to showcase the final-year project titled “SYNTHESIS OF IRON TITANATE PEROVSKITE CATALYST FOR BIO FUEL PRODUCTION” carried out by students of the 2024 batch under the guidance of Mr. N.S. Mohan, Assistant Professor / Mechanical Engineering

S.No	Roll Number	Project Member
1	20114302	Aravind A
2	20114310	Karthik M
3	20114304	Dineshkumar G
4	20114308	Hariprakash S

The Department of Mechanical Engineering is proud to showcase the final-year project titled “Preparation and Optimization of SrTiO_3 Nanocatalyst for Biodiesel Production” carried out by students of the **2024 batch** under the guidance of **Mr. N.S. Mohan, Assistant Professor / Mechanical Engineering**.

S.No	Roll Number	Project Member
1	20114305	Dinesh Kumar N
2	20114025	Prakash M
3	20114024	Prabhu G
4	20114022	Muthuraman G

The Department of Mechanical Engineering is proud to showcase the final-year project titled “An Analysis of Cashewnut Shell Composite Compared to Epoxy and CNSL Resins” carried out by students of the **2024 batch** under the guidance of **Mr. G. Dhayanithi, Assistant Professor / Mechanical Engineering**.

S.No	Roll Number	Project Member
1	20114017	Manoj V (17)
2	20114023	Nandhakumar S
3	20114037	Surya C
4	20114327	Sethubathi J

The Department of Mechanical Engineering is proud to showcase the final-year project titled “Investigating the Comparative Properties of Metal Matrix Composite Using Stainless Steel and Mild Steel” carried out by students of the **2024 batch** under the guidance of **Mr. G. Dhayanithi, Assistant Professor / Mechanical Engineering**.

S.No	Roll Number	Project Member
1	20114322	Vallarasu S
2	20114001	Arulmanikandan K
3	20114002	Aswanth S
4	20114040	Udhayakathir U

The Department of Mechanical Engineering is proud to showcase the final-year project titled **“Preparation and Mechanical Properties of Jute Fiber and Coconut Shell Powder Reinforced with Epoxy Composite”** carried out by students of the **2024 batch** under the guidance of **Mr. S. Karthikeyan, Assistant Professor / Mechanical Engineering**.

S.No	Roll Number	Project Member
1	20114329	Sriharan V
2	20114029	Sabarish S
3	20114328	Ajay M
4	20114313	Madhankumar K

The Department of Mechanical Engineering is proud to showcase the final-year project titled **“Experimental Investigation on Hybrid Composite Using Silk and Abaca Fibers”** carried out by students of the **2024 batch** under the guidance of **Mr. A. Prabakaran, Assistant Professor / Mechanical Engineering**.

S.No	Roll Number	Project Member
1	20114038	Sudhakar
2	20114323	Sudharsan
3	20114311	Kavin S
4	20114325	Thirunnavukkarasu

The Department of Mechanical Engineering is proud to showcase the final-year project titled **“Structural Modification of Austempered Ductile Iron Steering Knuckle”** carried out by students of the **2024 batch** under the guidance of **Mr. V. P. Krishnamurthy, Assistant Professor / Mechanical Engineering**.

S.No	Roll Number	Project Member
1	20114009	Guhanesh V
2	20114016	Manoj V
3	20114307	Gowtham V
4	20114028	Ranjith R

The Department of Mechanical Engineering is proud to showcase the final-year project titled “Structural Analysis and Optimization of Steering Knuckle” carried out by students of the 2024 batch under the guidance of Mr. V. P. Krishnamurthy, Assistant Professor / Mechanical Engineering.

S.No	Roll Number	Project Member
1	20114318	Praveen A
2	20114315	M. Naveen Kumar
3	20114006	Dhamothiran V
4	20114324	R. S. Sujith



Placements

The Department of Mechanical Engineering (2024 batch) has successfully placed **Arul Manikandan K** On Campus at TAC, Thoothukudi.

Name	Register Number	Programme
Arul Manikandan K	20114001	BE-MECH

The Department of Mechanical Engineering (2024 batch) has successfully placed **five students** On Campus at Pegatron Technology India Pvt. Ltd., Chennai.

Name	Register Number	Programme
Aswanth S	20114002	BE-MECH
Logesh S	20114014	BE-MECH
Dineshkumar N	20114305	BE-MECH
Premnath P	20114319	BE-MECH
Vallarasu S	20114327	BE-MECH



The Department of Mechanical Engineering (2024 batch) has successfully placed **six** students Off Campus at **ZF Wabco, Chennai**.

Name	Register Number	Programme
Balaji C	20114003	BE-MECH
Nandhakumar S	20114023	BE-MECH
Satheesh K	20114031	BE-MECH
Sivanantham S	20114034	BE-MECH
Surya C	20114037	BE-MECH
Nivash S	20114317	BE-MECH

The Department of Mechanical Engineering (2024 batch) has successfully placed **four** students On Campus at **Profuture Tech Solutions, Chennai**.

Name	Register Number	Programme
Bharathraj B	20114004	BE-MECH
Sharu Khan S	20114032	BE-MECH
Kavin S	20114311	BE-MECH
Sujith R S	20114324	BE-MECH

The Department of Mechanical Engineering (2024 batch) has successfully placed **five** students On Site Campus at **BMS Infra, Salem**.

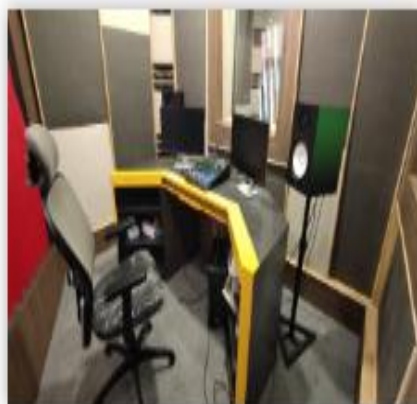
Name	Register Number	Programme
Cibi C	20114005	BE-MECH
Hareram Kumar	20114010	BE-MECH
Kavinkumar K	20114013	BE-MECH
Rahul Kumar	20114026	BE-MECH
Sriharan V	20114329	BE-MECH

The Department of Mechanical Engineering (2024 batch) has successfully placed **five students** On Campus at **Ascent Circuits, Chennai**.

Name	Register Number	Programme
Dhamothiran V	20114006	BE-MECH
Guhanesh V	20114009	BE-MECH
Manoj V	20114016	BE-MECH
Hariprakash S	20114308	BE-MECH
Praveen A	20114318	BE-MECH

The Department of Mechanical Engineering (2024 batch) has successfully placed **nine students** On Campus at **Webberax, Chennai**.

Name	Register Number	Programme
Dhasaradhan S	20114007	BE-MECH
Diplal Kumar	20114008	BE-MECH
Mohanraj S	20114019	BE-MECH
Shivajalapathi B	20114033	BE-MECH
Sudhakar	20114038	BE-MECH
Udhayakathir U	20114040	BE-MECH
Gowtham V	20114307	BE-MECH
Naveenkumar M	20114315	BE-MECH
Thirunavukkarasu G	20114325	BE-MECH



The Department of Mechanical Engineering (2024 batch) has successfully placed **three students** Off Campus at **Brakes India, Chennai**.

Name	Register Number	Programme
Maharaja K	20114015	BE-MECH
Ranjith R	20114028	BE-MECH
Raj Kumar R	20114320	BE-MECH

The Department of Mechanical Engineering (2024 batch) has successfully placed **five students** On Campus at **NCR Corporation, Chennai**.

Name	Register Number	Programme
Manoj V	20114017	BE-MECH
Muthuraman G	20114022	BE-MECH
Prakash M	20114025	BE-MECH
Sanjay B	20114030	BE-MECH
Senthil Kumar S	20114321	BE-MECH

The Department of Mechanical Engineering (2024 batch) has successfully placed **two students** Off Campus at **LGP, Coimbatore**.

Name	Register Number	Programme
Mushraff Khan	20114021	BE-MECH
Karthik M	20114310	BE-MECH



The Department of Mechanical Engineering (2024 batch) has successfully placed **four students** On Site Campus at **Sakthi Auto Components, Tiruppur.**

Name	Register Number	Programme
Rajeshkumar T	20114027	BE-MECH
Kaviraj S	20114312	BE-MECH
Madhan Kumar K	20114313	BE-MECH
Ajay M	20114328	BE-MECH

The Department of Mechanical Engineering (2024 batch) has successfully placed **five students** On Campus at **Team Detailing Solutions.**

Name	Register Number	Programme
Sabarish S	20114029	BE-MECH
Thooyavan M	20114039	BE-MECH
Ananth M	20114301	BE-MECH
Aravind A	20114302	BE-MECH
Dineshkumar G	20114304	BE-MECH

The Department of Mechanical Engineering (2024 batch) has successfully placed **one student** Off Campus at **LGB, Coimbatore.**

Name	Register Number	Programme
Sonu Kumar	20114036	BE-MECH



Thank you!

