



St. JOSEPH'S COLLEGE OF ENGINEERING

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OMR, CHENNAI - 119



DEPARTMENT OF MECHANICAL ENGINEERING



NEWSLETTER

AUGUST 2024



St. JOSEPH'S
GROUP OF INSTITUTIONS
OMR, CHENNAI - 119



The Choice of
Disciplined Toppers



St. JOSEPH'S COLLEGE OF ENGINEERING

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VISION

To become a world class Educational center of the Nation for Engineering, Technology, Computer Applications and Management with moral and professional standards to serve the community at large.

MISSION

To achieve academic excellence in Engineering, Technology, Computer Application and Management Education.

To inculcate high moral and professional standards among our students.

To develop the overall personality of our students.

To promote Industry Institute Interaction through more number of collaborative programs with Industries, Research and Development centers.

To venture for sustained placement for our students through campus interviews.





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DEPARTMENT OF MECHANICAL ENGINEERING

VISION

To become a center of excellence in Mechanical Engineering, producing competent engineers, who are innovative, entrepreneurial and skilled to meet the global challenges.

MISSION

Excellence: To offer state-of-art education in Mechanical Engineering, by providing opportunity to students to enhance their knowledge base and develop core specific skills.

Research: Build a research capability that is recognized nationally and internationally as a leading source of technological innovation and explore core research.

Professional Integrity: To create opportunities and train students to build leadership qualities blended with entrepreneurial mindset and lead an ethical and environmentally responsible career.

PROGRAMME EDUCATIONAL OBJECTIVES

Engineering graduates will be able to:

PEO1: Profession - Practice manufacturing engineering in a broad range of industries both core engineering and non-engineering fields such as medicine, space, law or business.

PEO2: Continuing Education - Pursue advanced education, research and development, and other creative and innovative efforts in science, engineering, and technology, as well as other professional careers.

PEO3: Technophile - Conduct them in a responsible, professional, and ethical manner and attain professional maturity with deep understanding of the impact of the technological solutions in a societal and global context and a need for sustainable development.

PEO4: Service - Participate as leaders in their fields of expertise and in activities that support service and economic development nationally and throughout the world.

PROGRAMME OUTCOMES

Engineering graduates will be able to:

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

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. **Design/development of solutions:** Design solution for complex engineering problems and design systems components or process that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.



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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.

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.

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.

Environmental 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.

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

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

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.

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.

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.

PROGRAMME SPECIFIC OUTCOMES

PSO 1: The students graduating in Manufacturing Engineering will have profound foundation in mathematical, scientific and engineering domains necessary to achieve professional and productive excellence in technical and non-technical problem solving and analyzing engineering problems.

PSO 2: The students graduating in Manufacturing Engineering will have the ability to synthesize the engineering data and apply scientific principles for applications involving manufacturing engineering using high end CAD/CAM/CAE computational packages such as CATIA, ANSYS and MATLAB.

PSO 3: The students graduating in Manufacturing Engineering will have the ability to pursue advanced careers and discharge his/her duties entrusted with high degree of commitment to address professional and ethical responsibilities, including a respect for diversity and provide cost effective engineering solutions.

EVENTS & ACHIEVEMENTS

August 2024



CONTENTS

- International conference
- Guest lectures
- Institute Industry Interactions
- Social welfare activities
- Student Chapter Activities
- Students' Achievements
- Faculty's' Achievements
- Jetmech-civcon 2K24



International Conference

Technological Advancements in Materials, Design, Manufacturing and Energy Sectors (ICTAMDMES 2024)

Department of Mechanical Engineering organized 2nd International Conference (HybridMode) on "Technological Advancements in Materials, Design, Manufacturing and Energy Sectors (ICTAMDMES 2024)" on 21st and 22nd August 2024. **Mr. V. Balakrishnan**, Advisor – Wheels India Limited, TVS Group of Companies, Chennai was the Chief Guest and inaugurated the conference.



Dr. Vaddi Seshagiri Rao, Principal, St. Joseph's College of Engineering presides the function, welcomed and felicitated the Chief Guest. **Dr. N. Arunkumar**, Dean – Industrial Collaboration & IQAC introduced the Chief Guest to the participants.



Chief Guest had released the Conference Proceedings and addressed the participants on Smart Manufacturing and Industry 4.0. **Dr. L. Balamurugan**, Head of the Department had delivered vote of thanks in the inaugural function.



International Conference

Technological Advancements in Materials, Design, Manufacturing and Energy Sectors (ICTAMDMES 2024)

- **Dr. G. L. Samuel**, Professor, Manufacturing Engineering Section, Department of Mechanical Engineering IIT Madras; **Dr. M. Venkata Ramanan**, Professor & Director - Institute for Energy Studies, College of Engineering Guindy, Anna University; and **Dr. G. Kumaresan**, Professor, Institute for Energy Studies, College of Engineering Guindy, Anna University had delivered key note address in the two days of conference.
- More than 100 research articles have been received and the participants have presented their research findings.



- **Dr. Shankar Krishnapillai** Professor - Machine Design Section, IIT Madras was the Chief Guest for the Valedictory Function, addressed the participants and distributed the certificates to the participants.
- **Dr. Vaddi Seshagiri Rao**, Principal, welcomed and felicitated the Chief Guest. **Dr. N. Arunkumar**, Dean – Industrial introduced the Chief Guest to the participants. **Dr. L.** the Department had delivered vote of thanks for co successfully






Guest Lecture

On 5th August 2024, the Department of Mechanical Engineering of both the institution hosted guest lecture by an industrial expert on the topic "**Sustainable development through innovation approach: Iron ore extraction from grinding waste**" and the guest speaker was **Mr. I. A. Leo Bernard**, Manager - Plant Engineering, Ashok Leyland, Chennai. The guest lecture focused on sustainable development through innovative approaches, specifically highlighting the extraction of iron ore from grinding waste.


DEPARTMENT OF MECHANICAL ENGINEERING

GUEST LECTURE BY INDUSTRIAL EXPERT

**SUSTAINABLE DEVELOPMENT
THROUGH INNOVATION
APPROACH : IRON ORE EXTRACTION
FROM GRINDING WASTE.**

 05.08.2024

 01.00 p.m - 03.00 p.m

 BASIL HALL, PLACEMENT BLOCK,
St. JOSEPH'S COLLEGE OF ENGINEERING



Mr. IA. LEO BERNARD

MANAGER - PLANT ENGINEERING
ASHOK LEYLAND, ENNORE

IV YEAR STUDENTS

**GUEST
TALKS**





Guest Lecture

On **16th August 2024** Department of Mechanical Engineering from St. Joseph's College of Engineering organized a Guest lecture for third and Fourth year Students on the topic “ **Strategies for writing a research article from Projects**” by **Dr. G. Kumaresan**, Professor, Institute for Energy Studies, CEG, Anna university, Guindy & Additional Director, CFR, Guindy was the eminent speaker to the session. he gave a clear insight on how to approach a literature review and write a article.

St. JOSEPH'S COLLEGE OF ENGINEERING
An Autonomous Institution, Affiliated to Anna University

DEPARTMENT OF MECHANICAL ENGINEERING

Guest Lecture on
STRATEGIES FOR WRITING A RESEARCH ARTICLE FROM PROJECTS

Guest Spotlight

<p>RESEARCH PROJECTS Completed - 288.33 Lakhs Ongoing - 86.80 Lakhs</p>	<p>PUBLICATIONS 82 - International Journals 18 - International Conference</p>	<p>PATENT GRANTED Solar PV powered simultaneous generation of Power, cooling and water</p>
<p>PH.D. GUIDANCE 8 Completed 11 - On going</p>	<p>INVITED TALK 115 (MIT, NPC, NITTTR, OCF etc)</p>	<p>ABROAD TRAVEL USA, UK, Poland, Italy & Thailand</p>

Dr. G. KUMARESAN
Professor
Institute for Energy Studies, CEG, Anna University, Chennai - 25
Additional Director
CFR, Anna University, Chennai - 25

16 Aug 2024
LIBRARY AV HALL
01:30 PM - 02:30 PM

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INSTITUTE INDUSTRY INTERACTIONS

Mr. D. Sakthivel, Assistant Professor, Department of Mechanical Engineering visited **Garuda Aerospace Pvt. Ltd** and had interacted with **Mr. Maruti Prasad**, CSR Lead, Discussion was made regarding Industry Interaction Activity on *10th August 2024* .



Dr. R. Selvam & Dr. K.M. Kumar, Associate Professors from Department of Mechanical Engineering have visited **Grundfos Pumps India Pvt. Ltd.**, Thuraippakam on *14th August 2024* had a discussion with Hr Managers for Industrial Visit, Internship and Placement.





INSTITUTE INDUSTRY INTERACTIONS



Dr. N. E. Arunkumar, Associate Professor & **Mr. G. Kasirajan**, Assistant Professor from Department of Mechanical Engineering have visited **SHARDA Motors Industries Limited** @ SIPCOT Industrial Park, Irrungattukottai, Sriperumbudur on *16th August 2024* and interacted with **Mr. J. Saravanan**, Sr. Manager - HR, **Mr. S. Prabhu**, Manager - Production & **Mr. P. Babu**, Deputy Manager - Production, as a part of Industry Institute Interaction cell (IIIC). Discussion was made for Student Internship, Industrial Visit, Placement and Industry based Curriculum.



Industrial Visits

On 6th August 2024, 52 final-year C section students visited **Thaai Casting** Industry along with 2 faculty members. From that visit the students had a clear vision on casting process.



On 6th August 2024, 54 final-year B section students visited **Cori Engineering Pvt. Ltd** Industry along with 2 faculty members. From that visit the students had a clear vision on pressure vessel manufacturing process using casting and machining.

On 16th August 2024, 54 final-year A section students visited **RK Heavy Engineering Pvt., Ltd.** Industry along with 2 faculty members. From that visit the students had a clear vision on heavy machinery manufacturing process using CNC machines and welding.





Industrial Visits

On 13th August 2024, 47 third-year B section students visited **IGP Engineers India Pvt. Ltd** Industry along with 2 faculty members. From that visit the students had a clear vision on Metal Gasket Manufacturing and Quality tools for validation..



On 14th August 2024, 47 third-year C section students visited **Grundfos Pumps India Pvt. Ltd.** Industry along with 2 faculty members. From that visit the students had a clear vision on pump manufacturing process.

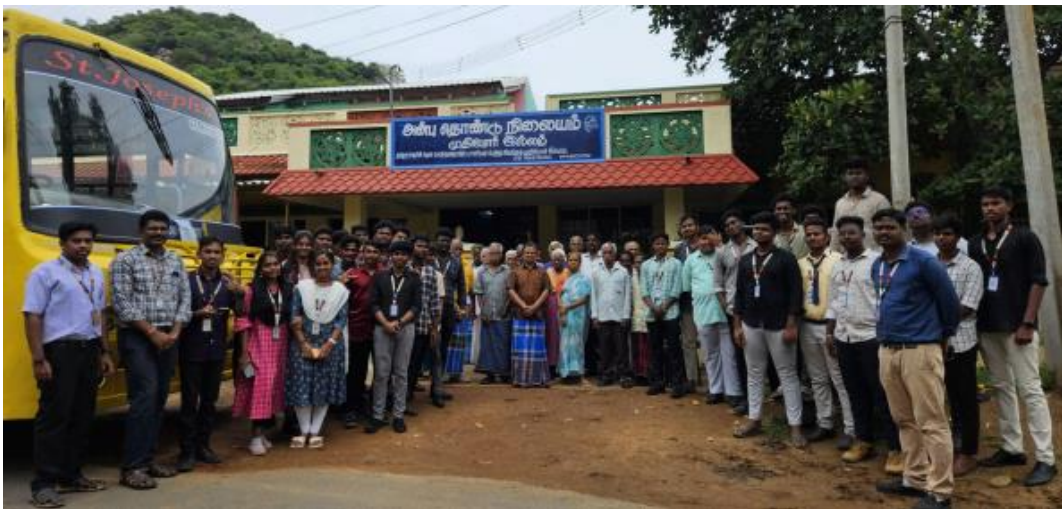
On 16th August 2024, 45 third-year A section students visited **RK Heavy Engineering Pvt., Ltd.** Industry along with 2 faculty members. From that visit the students had a clear vision on heavy machinery manufacturing process using CNC machines and welding.





NGO Visits

- On 6th August 2024, Department of Mechanical Engineering (Third year-A) and St. Joseph's Vidivelli Jointly organized a NGO Visit to **little her foundation**, Pannayur. 40 Inmates were entertained and student had a quality time there.
- On 7th August 2024, Department of Mechanical Engineering (final year-A) and St. Joseph's Vidivelli Jointly organized a NGO Visit to **Anbu Thondu Nilayam** on. 70 Inmates were entertained and student had a quality time there.



- On 7th August 2024, Department of Mechanical Engineering (final year-C) and St. Joseph's Vidivelli Jointly organized a NGO Visit to **Manasu illam** on 7th August 2024. 35 Inmates were entertained and student had a quality time there.





NGO Visits



- On 28th August 2024, Department of Mechanical Engineering (second year-C) and St. Joseph's Vidivelli Jointly organized a NGO Visit to **Manasu illam**, and entertained them and serve food to the home inmates.



- On 28th August 2024, Department of Mechanical Engineering (second year-A, B) and St. Joseph's Vidivelli Jointly organized a NGO Visit to **Little drops old age home**, and entertained them and serve food to the home inmates.



Alumni Talk



On 7th August 2024, the Department of Mechanical Engineering hosted distinguished alumni talk on the topic “**Blockchain Industry 4.0**” and the guest speaker was **Mr. Vidyashankar Ramalingam**. He graduated from our college in the year 2010 and gave us insightful importance on how blockchain can be used to increase the security and transparency around the sharing of customer data, either between a customer and a company or between two companies. And also blockchain can also be used to reduce fraud and other trust-related issues in digital ad buying. He accentuated that Blockchain can also be called as a distributed ledger technology. It is expected to bring a revolution in the field of economics by disrupting it on a global scale, due to its properties of being transparent, secure and scalable. Overall, the session provided a clear roadmap for enhancing career readiness and emphasized the importance of blockchain in achieving professional success.






STUDENTS' ACHIEVEMENTS

DEPARTMENT OF MECHANICAL ENGINEERING
"CONGRATULATIONS"

SIVASUBRAMANIYAN A SUJITH KUMAR DS


FOR BEING SELECTED AS "INTERNSHIP"
 IN HARVTECH.LLP FOR A STIPEND OF ₹5000 PER MONTH
 best wishes for future endeavors.



Mr. A. Sivasubramanian and **Mr. D. S. Sujith Kumar** Final year Student from Mechanical Engineering has been selected as Paid intern with a stipend of Rs. 5000/- in **HARVTECH.LLP.**

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Department of Mechanical Engineering
 Batch: 2021 - 2025



Congratulations!
Sriram Karthick
 Received a three-month internship offer from
 "Green Pole Power Solutions India Private Limited",
 with a stipend of ₹5,000 per month.

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Mr. Sriram Karthick from the Final year Student from Mechanical Engineering has been selected as a CAD designer with a monthly stipend of Rs. 5,000 at **Greenpole power solutions private limited** a company that is a pioneer in the field of renewable energy.

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Department of Mechanical Engineering
 Batch: 2021 - 2025



Congratulation !
Harini J. V
 Received a five-month internship offer from
 "JASS INDUSTRIES" with a stipend of ₹10000 per month.
 best wishes for future endeavors.

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The Choice of Disciplined Toppers

Mrs. Harini Jv Final year Student from Mechanical Engineering has been selected as Paid intern **CAD designer** with a stipend of Rs. 10000/- in **at Jass Industries in Chennai.** Jass Industries is a manufacturing company specializing in producing machines and parts tailored to the specific needs and requirements of customers, often serving various multinational corporations.



FACULTIES' ACHIEVEMENTS

Publication / Patent

- **Mr. M. Subramanian**, Assistant Professor from Department of Mechanical Engineering has published a patent titled "System and method for fabricating highly conductive natural fiber composite material for use in electronic devices" Application no: 202441058775
- **Mr. T. Balasubramanian**, Assistant Professor from Department of Mechanical Engineering has Published a patent titled "Integrated System For Real-Time Void Detection And Prevention In Lithium-Ion Batteries Using Ai And Periodic Diagnostic Imaging" Application no: 202441053241
- **Mr. J. Vijayanand** Assistant Professor from Department of Mechanical Engineering Published a patent titled " Assessing Thermal Properties of Multipass Weld Beads using Active Thermography: Micro Structural Variations and Anisotropy Analysis".
- **Mr. N. Sathishkumar**, Assistant Professor in the Department of Mechanical Engineering, has published a research article titled "Exploring the Impact of Cryogenic Treatment on Detonation Spray Coated M2 High-Speed Steel" in the Materials and Manufacturing Processes journal, with an impact factor.



FACULTIES' ACHIEVEMENTS

Publication / Patent

- **Mr. J. Vijayanand** Assistant Professor, Department of Mechanical Engineering completed “**White belt in Lean Six Sigma**” from the official certification examination conducted by the “**council for Six Sigma**” with 68.00 / 80.00.
- **Mr. KMB. Karthikeyan, Mr. G, Kasirajan, Mr. T. Balasubramanian, Mr. G. Ashwin Prabhu**, Assistant Professors from Department of Mechanical Engineering Completed a one week faculty development Program on “**Technological Advancement in Synthesis of Noval Materials**” Organized by Chaitanya Bharathi Institute of Technology (A), Hyderabad during *5th - 10th August 2024* .
- **Dr. R. Sathish**, Professor from Department of Mechanical Engineering Published a article titled “**Enhancing longevity and performance: The effects of ZrO₂ and TaC coatings on pistons in internal combustion engines**“ in Journal of the Serbian Chemical Society, Volume 89, Issue 7- 8, Pages 1093-1105.
- **Mr. J. Vijayanand** Published a patent Titled “ **A Comparative Experimental Study on Damping Properties of Epoxy Nanocomposite Beams Reinforced with Carbon Nanotubes and Graphene Nanoplatelets**” on *23rd August 2024*, Application No: 202441061048



FACULTIES' ACHIEVEMENTS

FDP / Patent

- **Dr. R. Sathish**, Professor from Mechanical Department participated in a one week Nation Level virtual Faculty Development Program on “**Modern Trends in Manufacturing Process**” organized by Easwari Engineering College from *5th – 10th August 2024*.
- **Dr. K. Arun, Dr. R. Selvam, Dr. K.M. Kumar, Dr. RGS. Nixon, Dr. N.E.Arunkumar, Dr. T. Gavaskar, Dr. Lionous Leo**, Associate Professors from Mechanical Department participated in a one week Nation Level virtual Faculty Development Program on “**Modern Trends in Manufacturing Process**” organized by Easwari Engineering College from *5th – 10th August 2024*.
- **Dr. M. Arun, Mr. J. Mariyappan, Mr. ASM Udayakumar, Mr. G. Kasirajan, Mr. M. Subramanian, Mr. T. Balasubramanian, Mr. P. Premkumar, Mr. K. Muninathan, Mr. G. Ashwin Prabu, Mr. K Pravinkumar, Mr. N. Sathishkumar, Mr. K. Gnanasekaran** Assistant Professors from Mechanical Department participated in a one week Nation Level virtual Faculty Development Program on “**Modern Trends in Manufacturing Process**” organized by Easwari Engineering College from *5th – 10th August 2024*.
- **Dr T. Gavaskar**, Associate Professor and **Mr . A.S.M. Udayakumar**, Assistant Professor from Department of Mechanical Engineering attended 6 days ATAL FDP on “**Opportunities and challenges on electrical vehicle in India**” at Easwari Engineering College from *26th – 31th August 2024*.



FACULTY'S ACHIEVEMENT'S

Mr. D. Sakthivel, Assistant Professor, Department of Mechanical Engineering, has undergone drone training and obtained a pilot license from “**Ministry of Civil Aviation, Government of India**”.

DEPARTMENT OF MECHANICAL ENGINEERING

Congratulations!

Faculty completed **DRONE** Training and Received Drone Pilot certification

SAKTHIVEL D
ASSISTANT PROFESSOR

Preflight checking process

Drone Flying Training

Certified by

Ministry of Civil Aviation
Government of India

Remote Pilot Certificate	
NAME	Sakthivel D
DATE OF BIRTH	15/05/1982
ISSUE DATE	15/08/2024
EXPIRY DATE	15/08/2029
ISSUE OFFICE	DRONE TRAINING CENTER
ISSUE OFFICER	DRONE TRAINING CENTER
ISSUE OFFICER SIGNATURE	DRONE TRAINING CENTER
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ISSUE OFFICER ADDRESS	DRONE TRAINING CENTER
ISSUE OFFICER CONTACT NO.	DRONE TRAINING CENTER
ISSUE OFFICER EMAIL ID	DRONE TRAINING CENTER
ISSUE OFFICER MOBILE NO.	DRONE TRAINING CENTER
ISSUE OFFICER PAN NO.	DRONE TRAINING CENTER
ISSUE OFFICER VOTER ID NO.	DRONE TRAINING CENTER
ISSUE OFFICER AADHAAR NO.	DRONE TRAINING CENTER
ISSUE OFFICER DRIVING LICENSE NO.	DRONE TRAINING CENTER
ISSUE OFFICER PASSPORT NO.	DRONE TRAINING CENTER
ISSUE OFFICER PAN CARD NO.	DRONE TRAINING CENTER
ISSUE OFFICER VEHICLE REGISTRATION NO.	DRONE TRAINING CENTER
ISSUE OFFICER VEHICLE MAKE	DRONE TRAINING CENTER
ISSUE OFFICER VEHICLE MODEL	DRONE TRAINING CENTER
ISSUE OFFICER VEHICLE COLOR	DRONE TRAINING CENTER
ISSUE OFFICER VEHICLE REGISTRATION STATE	DRONE TRAINING CENTER
ISSUE OFFICER VEHICLE REGISTRATION CITY	DRONE TRAINING CENTER
ISSUE OFFICER VEHICLE REGISTRATION DISTRICT	DRONE TRAINING CENTER
ISSUE OFFICER VEHICLE REGISTRATION STATE CODE	DRONE TRAINING CENTER
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STUDENT ACHIEVEMENT'S

Our student from second year **Mr. Aalan Jayaraj** participated and won third prize with a cash award of Rs. 3000 in **“INVENTIFY ‘24 - Hardware Innovation”** a **24 Hours Challenge** under a topic of Renewable Battery from Agricultural Wastes held on from **29th – 30th August 2024**.



Third prize



STUDENTS ACTIVITIES

Indian Institute of Welding (IIW) Chennai branch conducted a one day workshop on **“Advances in Welding Automation and Robotics”** in Chennai Institute of Technology and Fronius Solutions & Skill Centre on *10th August 2024*. Six Final year students from Department of Mechanical Engineering participated as a part of Student chapter activity. The hands-on training at the Fronius Centre was truly enlightening and excited to apply these new skills in their upcoming projects.





STUDENT CHAPTER ACTIVITIES



ISHRAE

Chennai Chapter

Department of Mechanical Engineering organized Guest Lecture on the topic "Introduction to ISHRAE and Career opportunities in the field of HVACR - MEP" on 16/08/2024. Mr. Krishnasamy R, Founder of arostar enterprises pvt Ltd., delivered talk on the importance and opportunities in ISHRAE.





National Level Symposium



On 31st August Department of Mechanical Engineering at St. Joseph's College of Engineering, OMR, Chennai, hosted a prestigious **National Level Symposium**, attracting nearly 135 teams from 27 colleges across Chennai. The event provided a dynamic platform for engineering students to showcase their skills, exchange ideas, and engage in competitive technical challenges. With participation from top institutions, the symposium highlighted cutting-edge innovations and fostered collaboration among future engineering leaders.





National Level Symposium

The winners from various events received the certificate and cash prize as follows:

Department of: MECHANICAL AND CIVIL ENGINEERING
 National Level Technical Symposium **JETMECH-CIVCON 2K24** held on
 31.08.2024

WINNERS LIST

No. of Participants :225

No. of Colleges Participated: 27

Sl. No.	Name of the Event & No. Teams	I Prize: Rs. 3000/-	II Prize: Rs. 2000/-	III Prize: Rs. 1000/-
		I Prize Winners	II Prize Winners	III Prize Winners
I	AUTO QUIZ	D.S. PRIYANKA MUKESH KUMAR D	MOHAMED MUNEEB TABREZ M PRAVIN RAJAN	GEETHA PRIYAN GR K HARITHA
		SRI SAIRAM ENGINEERING COLLEGE	CRESCENT INSTITUTE OF SCIENCE AND TECHNOLOGY	SRI SAIRAM ENGINEERING COLLEGE
II	TECHWAR	AANANTHI S MEENAKSHI SUNDRAJAN ENGINEERING COLLEGE	TABREZ M CRESCENT INSTITUTE OF SCIENCE AND TECHNOLOGY	HARI SHANTH SS AMIRTHA VISHWA VIDYAPEETHAH
		MISHBA KHAN VEL TECH_MULTI TECH COLLEGE OF ENGINEERING	JUNAID SHERIFF DMI COLLEGE OF ENGINEERING	VIJAYAA RAJAH DEEPAN VENKAT AGNI COLLEGE OF ENGINEERING
III	WATER ROCKETRY	SINOJ DANISH CHENNAI INSTITUTE OF TECHNOLOGY	DURKKESH P CHENNAI INSTITUTE OF TECHNOLOGY	KAVIYARASU SRM VALLIAMMAI ENGINEERING COLLEGE
		R SABESHWARAN K SURYA AGNI COLLEGE OF ENGINEERING ANAND INSTITUTE OF TECHNOLOGY	A DEEPAKKUMAR K ARUN PRASATH Dr. MGR EDUCATIONAL AND RESEARCH INSTITUTE	M SAKTHI VISHAAGAN PANIMALAR ENGINEERING COLLEGE





Department Activities

On 5th August, 2024, for **final year students** of Batch 2021-2025 during the SEERA class, our department conducts “Design of single seated racing vehicles, Introduction to H-Baja, Gate exam preparation, Skill rack practice” enhancement program.

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DEPARTMENT OF MECHANICAL ENGINEERING
STUDENT EMPLOYABILITY & ENHANCEMENT
RESEARCH ACTIVITY

IV YEAR





ACTIIVITIES DONE

- Design Single Seated Racing Vehicle
- Introduction to H-BAJA
- GATE ExamPreparation
- Group ddiscussion
- Skill rack practice

SEERA

 **05.08.2024**
 **3:30 to 5:00 pm**

BY OUR STUDENTS &
DEPARTMENT FACULTY



Department Activities

On 7th August, 2024, for third year students of Batch 2022-2026 during the SEERA class, our department conducts “Full stack development, Introduction to cloud computing, Gate exam preparation, Skill rack practice” enhancement program.



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DEPARTMENT OF MECHANICAL ENGINEERING

STUDENT EMPLOYABILITY & ENHANCEMENT RESEARCH ACTIVITY

III YEAR







ACTIVITIES DONE

- Full stack development
- Cloud computing
- GATE Coaching ETD Subject
- Technical presentation
- Electric Vehicle Technology
- Skill rack practice

BY OUR STUDENTS & DEPARTMENT FACULTY

SEERA

 **07.08.2024**

 **3:30 to 5:00 pm**



Department Activities

On 14th August, 2024, for third year students of Batch 2022-2026 during the SEERA class, our department conducts “Html basics in full stack development, Fundamentals of data structure & algorithms, Gate exam preparation, Technical presentation, Skill rack practice” enhancement programs.



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DEPARTMENT OF MECHANICAL ENGINEERING
STUDENT EMPLOYABILITY & ENHANCEMENT
RESEARCH ACTIVITY

III YEAR







ACTIIVITIES DONE

- HTML Basics in Full stack development
- Fundamentals of Data Structures & Algorithm
- GATE Coaching Production Subject
- Technical presentation
- Fusion 360° Model
- Skill rack practice

BY OUR STUDENTS &
DEPARTMENT FACULTY

SEERA

 **14.08.2024**

 **3:30 to 5:00 pm**



Department Activities

On 16th August, 2024, for second year students of Batch 2023-2027 during the SEERA class, our department conducts “Resume preparation, Mock interview, Gate exam preparation, Self introduction, Skill rack practice” enhancement programs.

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DEPARTMENT OF MECHANICAL ENGINEERING
STUDENT EMPLOYABILITY & ENHANCEMENT
RESEARCH ACTIVITY

II YEAR



ACTIIVITIES DONE

- RESUME PREPARATION
- MOCK INTERVIEW
- GATE EXAM PREPARATION
- SELF INTRODUCTION
- SKILL RACK PRACTICE
- SKILL RACK PRACTICE

**SEERA**

**16.08.2024**
**3:30 to 5:00 pm**

BY OUR STUDENTS &
DEPARTMENT FACULTY



Department Activities

On 28th August, 2024, for third year students of Batch 2022-2026 during the SEERA class, our department conducts “Robotics process automation, Introduction to cyber security, Gate exam preparation, Technical presentation, Electric vehicle technology, Skill rack practice” enhancement programs.

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DEPARTMENT OF MECHANICAL ENGINEERING
STUDENT EMPLOYABILITY & ENHANCEMENT
RESEARCH ACTIVITY

IIIYEAR



ACTIIVITIES DONE

- ROBOTICS PROCESS AUTOMATION
- INTRODUCTION TO CYBER SECURITY
- GATE COACHING PRODUCTION SUBJECT
- TECHNICAL PRESENTATION
- ELECTRIC VEHICLE TECHNOLOGY
- SKILL RACK PRACTICE

SEERA

 **28.08.2024**
 **3:30 to 5:00 pm**

BY OUR STUDENTS &
DEPARTMENT FACULTY

August 2024 NEWSLETTER

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