



# ERODE SENGUNTHAR ENGINEERING COLLEGE (AUTONOMOUS)



## NEWSLETTER

### DEPARTMENT OF MECHANICAL ENGINEERING

#### CONTENTS

***Department vision & Mission Statement***

***Inauguration of MESA***

***Guest Lectures***

***Technical Symposium***

***CNC Machining Unit - Grand Opening***

***Alumni Meet & Leaders Talk***

***NSS Activities***

***Faculty Participation & Achievements***

***Co & Extra Curricular Activities***

***Student Achievements***

***Student Corner***

***Editorial Board***

AY-2022-2023

# DEPARTMENT OF MECHANICAL ENGINEERING

The Department of Mechanical Engineering was established in the year 1996. It has the state of art laboratory facilities equipped with high caliber equipment and machinery. The department is collaborated with M/s Roots industry Coimbatore, M/s TVS Training and Services Chennai, National Skill Training Institute Bangalore and Advanced Training Institute Chennai to offer training to staff and students to improve their practical knowledge and skills. The department is an Approved Research Center by the Anna University Chennai to carry out the collaborative research. UG programme of BE Mechanical Engineering is accredited by the National Board of Accreditation (NBA), New Delhi since 2009 and is reaccredited in the year 2020 for a period of three years.

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.

## **VISION AND MISSION STATEMENT OF THE DEPARTMENT**



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.

- To impart quality technical education through innovative teaching and learning mechanisms.
- To build the state-of-the-art infrastructure facilitating the faculty and students to learn and disseminate knowledge and innovate in their career.
- To mould the aspiring young minds to emerge as successful practitioners of quality education through entrepreneurship, consultancy and research.
- To instil core values and strong ethics, nurturing the intellectual, socio-cultural and economic development of our diverse community.



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# DEPARTMENT OF MECHANICAL ENGINEERING



## I I P E S T U D E N T ' S C H A P T E R



**MECHANICAL ENGINEERING STUDENTS ASSOCIATION (MECHNANIMOUS)  
INAUGURAL FUNCTION & GUEST LECTURE ON  
"SCOPE FOR MECHANICAL ENGINEERS IN INDUSTRIES" ON 17<sup>TH</sup> AUGUST 2022 BY  
MR.R.PRAKASH,  
MANAGER-OPERATIONS, PPL ENTERPRISES PVT LTD., COIMBATORE.**

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**Indian Institution of Production  
Engineers (IIPPE) Students chapter  
inauguration and guest lecture  
"INDUSTRY 4.0 TOWARDS DIGITAL  
TRANSFORMATION" on 04-07-2022.**



**GUEST LECTURES**

**Guest Lecture on  
"3D PRINTER USING OPEN SOURCE  
HARDWARES"  
on 20-09-2022**



**Erode, Tamil Nadu, India**  
Erode Sengunthar Engineering College,  
Thudupathi, Erode, Tamil Nadu 638057, India  
Lat 11.313606°  
Long 77.550387°  
16/09/22 03:52 PM GMT +05:30

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**“BRON FROM SCRAP”  
THE MECHANICAL ROBOT**  
Built by 10 year Mechanical  
Students



**“WORKSHOP”  
PERFORMANCE &  
FEATURES OF CNC**  
By III year Mechanical Student  
Mr.J.Sethubathi



**TECHNICAL SYMPOSIUM – 20/10/2022**



**RELEASE OF SOUVENIR**

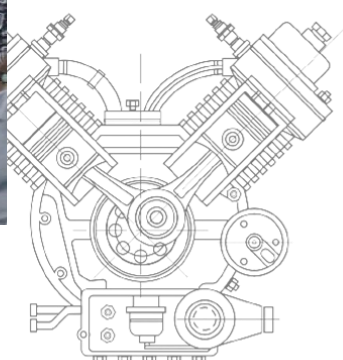
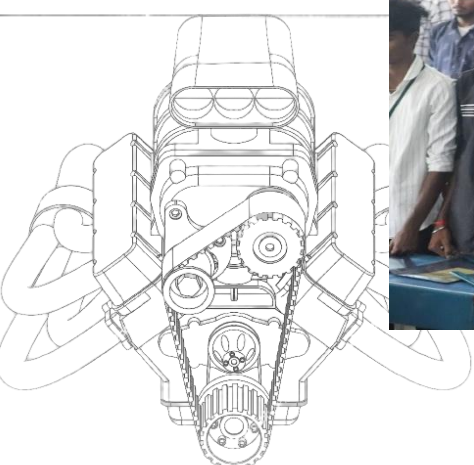


**PAPER PRESENTATION**



**120+ PARTICIPANTS**

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# DEPARTMENT OF MECHANICAL ENGINEERING

- For enhancing the knowledge of students and to provide lively Industrial experience, our college management had invested and established a fabulous machining unit with a ACE Micromatic Computerized Numerical Control (CNC) Machine and a Vertical Machining Centre (VMC).
- Apart from student training program the machines are also planned to produce components for various vendors.



## CNC MACHINING UNIT – GRAND OPENING – 21-08-2022

### Benefits of CNC Machining Unit

- CNC (Computer Numerical Control) and VMC (Vertical Machining Center) machines are widely used in the manufacturing industry for various applications. They offer numerous benefits that contribute to increased productivity, precision, and efficiency in machining processes.
- Students can gain ample knowledge on Programming, Machine tools, Jigs & Fixtures and various process in CNC & VMC.
- Enhances Employability for students.

Erode, Tamil Nadu, India

Erode Sengunthar Engineering College, Perundurai, Tamil Nadu

638057, India

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Long 77.550309°

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## ALUMNI MEET & LEADERS TALK

**Mr. S. Velmurugan, Mechanical Alumnus, Maintenance Engineer, Wipro Infrastructure Ltd, Chennai, has interacted with the final year Mechanical Engineering students during Leader's talk on "Current requirements in software industries" on 14.09.2022.**

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8H72+Q59, Erode, Tamil Nadu 638057, India  
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14/09/22 02:08 PM GMT +05:30

**Mr. N. C. Manikandan, Quality Inspector, Sakthi Auto Components Limited, Vijayamangalam, has interacted with the third year Mechanical Engineering students during Leader's talk on "Job opportunities in foundry" on 07.10.2022.**

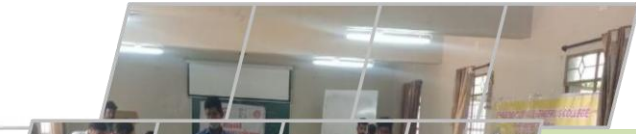
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# DEPARTMENT OF MECHANICAL ENGINEERING



For the 79th Birth anniversary of our founder J.Sudhanandhen sir, Blood donation camp was held on 21.9.2022 at our college campus. 134 units of blood donated during the camp.

Erode, Tamil Nadu, India

Erode Sengunthar Engineering College, Perundurai, Tamil Na

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Long 77.550309°

## NSS ACTIVITIES – 2022 - 23

Youth Empowerment program conducted for NSS and UBA volunteers for the event of International day of peace by Heartfulness Meditation centre, Nasiyanur on 22.09.2022.



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638057, India

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Sengunthar  
college  
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**Mr.N.S.Mohan, Assistant Professor, received “The Best Faculty Award” and cash Prize of Rs.5000 on Teachers day celebration held on 05<sup>th</sup> September 2022.**



**Mr.G.Dhaynithi, Assistant Professor, received fund amount of Rs.7000 from TNSCST Students project Scheme.**

**FACULTY PARTICIPATION AND ACHIEVEMENTS**



**Dr.S.Navaneethakrishnan received the NPTEL Academic Achiever award during the Annual day Celebration.**

**Mr.N.S.Mohan, Assistant Professor, attended 15 days Hybrid mode ATAL FDP on “Energy Engineering” Organized by Periyar University, Salem.**



*July 2022*



# DEPARTMENT OF MECHANICAL ENGINEERING

**Dr.M.PANDIAN, PROFESSOR / MECH,**

*Participated in Webinar on “Electrified Transportation The Past, Present and Future” Organized by SIMATS School of Engineering, Thandalam, Chennai on 05-08-2022.*

**Dr.R.SASIKUMAR, PROFESSOR / MECH,**

*Participated in FDP on “Taking research to Next Level” Organized by Sri Venkateshwara College of Engineering, Bengaluru, from 26-09-2022 to 30-9-2022.*

**Dr.N.SARAVANAN, PROFESSOR / MECH,**

*Participated in FDP on “Recent Advancements and Additives in the Manufacturing of Composite Materials” organized by Karpagam Academy of Higher Education, Coimbatore from 08-05-2023 to 13-05-2023.*

**Dr.J.MANIVANNAN, PROFESSOR / MECH,**

*Participated in 3 Day National Workshop on Development of Additive Manufacturing (DAM 2K22) organized by Jai Shriram Engineering College, Tiruppur from 22-09-2022 to 24-09-2022.*

**Dr.J.BALAJI, PROFESSOR / MECH,**

*Presented 3 Papers in International Conference on Innovations in Science, Engineering and Technology for Sustainable Development (ISETSD – 2023) organized by Muthayammal Engineering College (Autonomous),*

## FACULTY PARTICIPATION AND ACHIEVEMENTS

**Mr. P. CHOKKALINGAM, AP / MECH,**

*Participated in “National level Workshop on Additive manufacturing” held at Jai Shriram Engineering College, Tiruppur from 22-09-2022 to 24-09-2022.*

**Mr. N.S.MOHAN, AP / MECH,**

*Presented a paper in International Conference on “Recent Innovations in Material Science and Spectroscopy (ICRIMS-2022)” on 10-01-2023 at Jamal Mohammed College (Autonomous).*

**Mr. S.KARTHIKEYAN, AP / MECH,**

*Participated in Faculty Development Program on “Outcome Based Education” organized by PPG Institute of Technology, Coimbatore from 01-02-2023 to 09-02-2023.*

**Mr. V.P.KRISHNAMURTHY, AP / MECH,**

*Presented a paper in International Conference on Disruptive Technologies (ICDT - 2023) organized by Department of Computer science and Engineering, G.L. Bajaj Institute of Technology & Management (GLBITM), Greater Noida, India) on 11-5-2023.*

**AY-2022-2023**



# DEPARTMENT OF MECHANICAL ENGINEERING



*13 Final Year Mechanical Engineering students participated in Workshop on “Machine Learning” Organized by IIT Madras Research Park, Chennai on 04.09.2022.*

*Arulmanikandan K, Aswanth S , Udhayakathir U of III year Mechanical Engineering participated in BIT Innovation Fest-2023 at Bannari Amman Institute of Technology, Sathyamangalam on 06.03.2023.*

*Sakthivel M & Elangovan R of II Year Mechanical Engineering participated in Paper Presentation event organized by KPR Institute of Engineering and Technology, Coimbatore and won III prize.*

## **STUDENTS CO & EXTRA CURRICULAR ACTIVITIES**

*Prasath Rao R, Praveen K S, Ragunath S & Prasanth T participated in paper presentation event held at Sengunthar Engineering, Thiruchengode on 19.11.2022 and bagged the I prize.*

*Sakthivel M & Elangovan R of II Year Mechanical Engineering participated in Mr.Mechanic event organized by KPR Institute of Engineering and Technology, Coimbatore and won III prize.*

*Hariprasath and Shanmugavel K of II Year Mechanical Engineering participated in Mr.Mechanic event organized by PSG College of Technology and Applied Research, Coimbatore won III prize.*

*Hariprasath and Shanmugavel K of II Year Mechanical Engineering participated in Mr.Mechanic event organized by PSG College of Technology and Applied Research, Coimbatore won III prize.*

*P.Kavinkumar of III Mechanical Engineering won II Place in Athletics, in 12th CENTIES Championship 2023, Bannari Amman Institute of Technology, Sathy*

**AY-2022-2023**



# DEPARTMENT OF MECHANICAL ENGINEERING

*Congratulations*

**Sujith R S**, III year Mech. received  
**ANNUAL BEST PERFORMER**  
Appreciation Certificate from  
**SUPER KINGS CRICKET ACADEMY, SALEM.**  
(Official branch of Chennai Super Kings)



**R.S.SUJITH OF III MECHANICAL ENGINEERING WAS AWARDED THE BEST ANNUAL BEST PERFORMER AWARD FROM CHENNAI SUPER KINGS CRICKET ACADEMY, SALEM (OFFICIAL BRANCH OF CHENNAI SUPER KINGS)**

## STUDENT ACHIEVEMENTS



**S.PRAGADEESHWARAN OF IV YEAR MECHANICAL WAS AWARDED THE BEST OUTGOING STUDENT OF THE YEAR (OVERALL) IN ANNUAL DAY CELEBRATIONS HELD ON 10-03-2023**

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**ART work By A.Praveen III Year Mechanical Engineering**

**STUDENT CORNER**



**Photograph**

**By**

**V.Manoj, III Mechanical Engineering**



**Photograph**

**By**

**Nandhakumar III Mechanical Engineering**

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**MECH.**

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