



## Two Days National Conference on Advances in Mechanical Engineering for Sustainable Development **AMESD 2022**

01<sup>st</sup> & 02<sup>nd</sup> NOV 2022

Organized by  
Department of Mechanical Engineering



## ERODE SENGUNTHAR ENGINEERING COLLEGE (Autonomous)

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai

Accredited by NBA\* and NAAC ('A' Grade)

Thudupathi Post, Perundurai Erode - 638 057 Tamil Nadu, India.

in association with



Member  
Organization

### Publications

All Accepted Papers will be published in

- Conference proceedings with ISSN
- NSL, NISCAIR, CSIR Approved Journal

[www.erode-sengunthar.ac.in](http://www.erode-sengunthar.ac.in)

### About ESEC

Erode Sengunthar Engineering College is a well -developed institution offering a variety of programs in UG and PG degree courses. Erode Sengunthar Educational Trust started the College in the year 1996 with a vision to provide world class technical education for the upliftment of urban and rural youth. The Management of Erode Sengunthar Educational Trust has been associated with various Educational Institutions like Matric & Higher Secondary Schools, etc.

It is an Autonomous Institution accredited by NAAC with 'A' Grade and Institute of Engineers (India). Eligible UG Programmes are accredited by National Board of Accreditation (NBA), approved by AICTE and permanently affiliated by Anna University. A Manufacturing Unit (HARJI LAB SYSTEMS) established at a Cost of 2 Crores in 10,000 Sq.ft to fabricate and commissions fume hoods required for pharmaceutical industries. A Manufacturing Unit (CNC Machining centre) established with the cost of around 1.5 crores to manufacture gears, cams, camshafts, valve bodies, spindles, bolts and nuts. A fully operated Sanitary Napkin Manufacturing unit set under NRDMS project with a production capacity of 10,000 units was commissioned in the year 2016.

### About the Department

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 as well as BE Mechanical Engineering(Tamil Medium) is accredited by AICTE in the year 2020. 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.

### About the AMESD-2022:

The Conference aims at bringing together Researchers, Industry Experts and Students for knowledge sharing session. The Conference consists of keynote address and paper presentations.

### Call for Papers:

The organizing committee of AMESD-2022 cordially invites the contributors to submit articles for the conference of Sustainable Development in Mechanical Engineering.

### Paper Submission Format:

Full text papers with IEEE format in word document (.doc).

Email to [amesdesec@gmail.com](mailto:amesdesec@gmail.com)

### Registration and Publication Fee

Category	Registration Fee
Students	750/-
Research Scholars / Faculty	1000/-
Industrial Delegates	1500/-

### Conference Organizing Committee:

Chief Patrons	: Thiru.V.Annadurai / President Thiru.G.Kamalamurugan / Correspondent Thiru.S.N.Thangaraju / Secretary
Patron	: Dr.V.Venkatachalam / Principal
Convenor	: Dr.N.Saravanan HoD / Mechanical Engg.
Organizing Secretaries	: Mr.S.Karthikeyan, AP / Mechanical Engg. Mr.S.Manikandan, AP / Mechanical Engg.
Members	: Mr.N.S.Mohan, AP / Mechanical Engg. Dr.J.Balaji, AP / Mechanical Engg. Dr.R.Sasikumar, AP / Mechanical Engg.

### Registration Link

<https://forms.gle/kueprth948g9PfED8>

Mobile No: 9080006847 | 9790248928

### Important Dates

Submission of Paper (Dead line)	20.10.2022
Intimation of Acceptance after review	27.10.2022
Last Date for Registration	29.10.2022
Conference Date	01.11.2022 & 02.11.2022