

ABOUT THE INSTITUTION

Meenakshi Sundararajan Engineering College (MSEC) was established by the IJET Society in 2001. This institution is a part of the prestigious KRS Group of Institutions which also includes the renowned IJET (Indian Institute of Engineering Technology) established in 1947 by our Founder Late Shri K.R.Sundararajan, the well-known Meenakshi College for Women and the more recently established Meenakshi Sundararajan School of Management. The institutions on the KRS Campus are known for the quality education they impart and their stringent levels of discipline. We have consistently outshone all our peers, not only in academics, but in co-curricular activities as well.



Since inception MSEC has shown consistent performance in academics and extra-curricular spheres. The management strives constantly to develop this institution into a "CENTRE OF EXCELLENCE" imparting Engineering education to young men and women, grooming their overall personality with the highest emphasis on ethical values and honing them to face the challenges of the industry and the nation at large.



DEPARTMENT OF MECHANICAL ENGINEERING



Click here to visit our channel



www.msec.edu.in



www.asdsgc2021.com

REGISTRATION

For encouraging young researchers and students of young aspiring minds registration fee is free.

Authors are requested to send their papers in IEEE

Format to :  asdsgc.2021@gmail.com

REGISTER HERE



IMPORTANT DATES

Full Paper Submission: 21th March, 2021

Intimation of Acceptance: 23th March, 2021

Last Date for Registration: 27th March, 2021

Conference Date: 10th April, 2021

ADDRESS OF CORRESPONDENCE

Mr. M. Vadivel, Assistant Professor,
Department of Mechanical Engineering, MSEC.
Ph: 9840940383

STUDENT COORDINATORS

Mr. J.N. Rohit Samuel & Mr. S.Sooraj
III year, Department of Mechanical
MSEC
Mobile: 7904221742, 6382598193

Mr. M. Keerthivasan
II year, Department of
Mechanical, MSEC
Mobile: 9087093941



MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

#363, Arcot Road, Kodambakkam, Chennai-24

Approved by AICTE & Affiliated to Anna University



VIRTUAL CONFERENCE
ASDSGC'21

10th APRIL, 2021

INTERNATIONAL CONFERENCE
ON
**ADVANCED SCIENTIFIC
DEVELOPMENTS TO SUSTAIN
GLOBAL CHALLENGES**



Organized by

DEPARTMENT OF MECHANICAL ENGINEERING
(Accredited by National board of Accreditation)



ABOUT THE DEPARTMENT

Meenakshi Sundararajan Engineering College inaugurated the Department of Mechanical Engineering in the academic year 2011-12 and is affiliated to Anna University. Under the erudite leadership of Dr. K. Balasubramanian, Head of the department along with the efficient faculty members and excellent students, the department has won laurels to the college. The department has well qualified faculties with excellent teaching, training and industrial experience. It has state-of-the-art laboratories catering to academic, consultancy and research requirements. The department's endeavor is to develop its students to be 'industry ready' when they graduate.

PREAMBLE OF CONFERENCE

In the present competitive engineering world to meet the challenges imposed in the global scenario in the mechanical engineering field, creation of innovations are needed for societal benefits. The young buddy engineers have to wake up and contribute their ideas for supporting the above necessities. This needs steady progress to maintain continuity in the form of research and development. Hence every corner of the technology require strong support in the form of conducting conference globally to achieve converging views in the arena of researchers to present their work and share their ideas, innovations on various aspects of mechanical engineering.

VISION OF THE DEPARTMENT

To develop creative mechanical engineers by providing quality education, research and ethical values.

MISSION OF THE DEPARTMENT

- To provide conducive environment and facilities for academic activities and preparing students for diverse careers.
- To develop collaborative research with industries for excellence in research and consultancy practices
- To provide education in advanced technologies according to the changing needs of the society

CONFERENCE TOPICS

The conference will have presentation session covering various discipline of mechanical engineering however; the topics are not limited to this list given below.

- Automobile Engineering
- Composite Materials
- Welding Technology
- Powder Metallurgy
- Gas Dynamics
- Heat and Mass Transfer
- Advanced Materials and Metallurgy
- Nano material processing and Advanced Materials and Metallurgy
- Advanced Manufacturing Processes
- Manufacturing Technology
- Thermal Engineering
- Advancement in IC Engines
- Fluid Flow Mechanics
- Non-Destructive Testing



KEYNOTE SPEAKERS

Dr. Yu Kok Hwa, Engineering Campus, Department of Mechanical, Universiti Sains Malaysia.

Dr. Reza Mahmoodian, ULVAC Technologies, Inc. Boston, Massachusetts, USA.

Dr. Ganesh Babu Loganathan, Assistant Professor, Mechatronics Engineering, Tishk International University, Iraq.

Dr. S. Balasivanandha Prabu, CEG campus, Anna University, India.

CO-ORDINATORS

- Dr. S. Santhanakrishnan, Associate Professor, MSEC.
- Mr. K. Thameemul Ansari Ameen, Assistant Professor, Mechanical, MSEC.
- Mr. K. Iyyanar, Assistant Professor, Mechanical, MSEC.
- Mr. K. Sridhar, Assistant Professor, Mechanical, MSEC.

CO- COORDINATORS

- Dr. D. Srinivasan, Assistant Professor, Mechanical, MSEC.
- Mr. V. Meganathan, Assistant Professor, Mechanical, MSEC.
- Mr. P. Jayaganesh, Assistant Professor, Mechanical, MSEC.
- Mr. V. Arul, Assistant Professor, Mechanical, MSEC.
- Mr. R. Shanmugam, Assistant Professor, Mechanical, MSEC.

COMMITTEE

CHIEF PATRONS

Dr. K S Lakshmi,
Correspondent, MSEC.
Dr. K S Babai, Secretary,
Mr. N Sreekanth,
Director, MSEC.

PATRONS

Dr. P K Suresh, Principal,
Dr. K Umarani, Dean
Academics, MSEC.
Dr. K Balasubramanian,
Head of Department,
Mechanical.

CONVENOR

Mrs. A Toral,
Assistant Professor,
Mechanical, MSEC.
Mr. M Vadivel,
Assistant Professor,
Mechanical, MSEC.

ADVISORY COMMITTEE

Dr. Yu Kok Hwa, Engineering Campus, Universiti Sains Malaysia.
Dr. Reza Mahmoodian, ULVAC Technologies, Inc. Boston, Massachusetts, USA.
Mr. Vignesh Subbu Krishnan, Manager, Piping Technology and Product, USA.
Dr. Ganesh Babu Loganathan, Tishk International University, Iraq.
Mr. Sundaresh S, Former Distinguished Scientist & Director General (ACE), DRDO, Min. of Defence, Former DRDO Distinguished Fellow
Dr. Anil Kumar Sharma, Scientific Officer, Indira Gandhi Centre for Atomic Research
Mr. M.S Swaminathan, Vice President, Tool Engineering, Wheels India Limited.
Dr. K. Senthilkumaran, Assistant Professor, Indian Institute of Information Technology, Design and Manufacturing.

TECHNICAL COMMITTEE

Dr. S. Balasivanandha Prabu, College of Engineering, Anna University.
Mr. Mitra Varun Anand, Faculty of Mechanical Engineering, Worcester Polytechnic Institute, Massachusetts, USA .
Mr. M. Chakararajan, Energy Engineer, Cedar Falls Utilities, USA.
Dr. S. Kanmani Subbu, Assistant Professor, IIT Palakkad, Kerala.
Dr. Dan Sathiaraj, Assistant Professor, Mechanical Engineering, IIT Indore.
Mr. Vishwanath Hampanna, VP-Training, Acumen Aviation, Karnataka.
Dr. N.R. Gowrisankar, Director, India Piston Rings.
Mr. R. Vasu, Retd. Vice President, Brakes India.
Dr. R. Shanthi, Professor, Rajalakshmi Engineering College.
Mr. T. Karthikeyan, Asst. Professor Mechanical, Saveetha Engineering College
Mr. Sriram Dhanasekaran, CX Data Analyst, Becton Dickinson, USA.
Prof. M.R. Seshadri, Mechanical, MSEC.

SESSION CHAIRPERSONS

Dr. Ganesh Babu Loganathan, Asst. Prof, Tishk International University, Iraq.
Dr. K. Karthick, Asst. prof, RMK College of Engineering and Technology
Dr. M. Parthasarathy, Associate Professor, Veltech.

