

DEPARTMENT OF MECHANICAL ENGINEERING



SAEINDIA
Society of Automotive Engineers INDIA

sponsored

7 days Online Faculty Development Programme on

METROLOGY AND MEASUREMENTS

19.07.2021 to 26.07.2021

Hosting on
Google Meet



Sri

SAI RAM ENGINEERING COLLEGE

An Autonomous Institution | Affiliated to Anna University & Approved by AICTE, New Delhi

Accredited by NBA and NAAC "A+" | An ISO 9001:2015 Certified and MHRD NIRF ranked institution

Sai Leo Nagar, West Tambaram, Chennai - 600 044. www.sairam.edu.in



ABOUT THE INSTITUTION

Sri Sairam Engineering College, Chennai was established in the year 1995 by Philanthropist, Educationist and Industrialist, M.J.F. Ln. Leo Muthu, Chairman of Sapthagiri Educational Trust, a non-profitable, and non-minority institution. Our College is one of the Top Five Engineering Colleges in Tamilnadu. The college is situated among sylvan surroundings in an area of more than 100 acres at Sai Leo Nagar, near the Kishkinta amusement park. The college offers Eleven B.E. / B.Tech., Undergraduate Degree programmes and Six Post Graduate Degree programmes. The College is ISO 9001:2015 certified, NBA, NIRF, ARIIA ranked and NAAC 'A+' accredited, an Autonomous Institution affiliated to Anna University and approved by All India Council for Technical Institution. The Institution has well established infrastructure facilities, well equipped laboratory, Fully Air-conditioned College Library, and state of the art Indoor stadium with seating capacity of more than 5000 people. A well-defined vision, highly committed mission and dedicated leadership facilitate Sri Sairam Engineering College being one of the best educational institutions in the country.

ABOUT THE DEPARTMENT

The Department of Mechanical Engineering has been established in the year 1995. The Department is accredited by NBA and CII-AICTE survey of Industry linked technical Institutions has placed the Department of Mechanical Engineering in the first position at all India level in 2020 and 2015. Students are encouraged to actively participate in professional society activities in which real time All-Terrain vehicles are fabricated through events like BAJA, EBAJA, EFFICYCLE, SOLARIS, SUPRA, GOKART, E-Bike and able to win many prizes. Our Department Students & Faculties are the members of the Professional Societies - SAEINDIA, ISTE, IE, QCFI, ISHRAE. Our Department is the Anna University Recognized Centre of Research and has Six Research Centres - Clean Energy Centre, Centre for Measurements and Metrology, Biofuel Research Centre, Material

Research Centre, Centre for Flexible Manufacturing System and Centre for Product Design and Analysis. Our Department is carrying out many Research projects funded by DST, AICTE etc.,

OBJECTIVES OF THE FDP

This Faculty Development Program focuses on virtual training on measuring devices used in the manufacturing industries. The coordinates are measured by probing the parts using modern equipment like CMM, Laser Scanner, Machine Vision, Profile Projector. This FDP provides a platform for young researches/faculty members to learn the theoretical basis, latest trends/features in equipment from different industries along with virtual hands on training on latest measuring systems in electric and autonomous vehicles CMM, Profile Projector.

TOPICS:

This FDP covers :

- Linear Measurements
- Practical usage of linear measuring devices
- Surface Measuring methods
- Precision Measurement - CMM, Profile Projector
- Form Measurement
- Measuring Trends in Electric and Autonomous Vehicles
- Machine Vision System

ELIGIBILITY TO PARTICIPATE:

Faculty members and research scholars belonging to AICTE approved technical Institutions, and such Universities & industry persons can participate in the programme.

REGISTRATION DETAILS:

- No Registration Fee
- Last date for Registration : **17-07-2021**
- Intimation of Confirmation : **18-07-2021**

E certificate will be given to all the participants
It is mandatory for the participants to attend all the sessions positively.

RESOURCE PERSONS



Dr. S. RAMACHANDRAN
Professor &
Dean Research and Development,
Sri Sai Ram Engineering College, Chennai.



Dr. K. VENKATARAMAN
Associate Professor,
Department of Mechanical Engineering,
Sri Sai Ram Engineering College, Chennai.



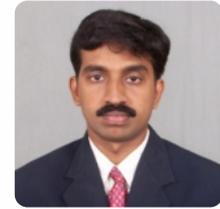
Dr. P. MOHAMAD ALI
Professor,
Department of Mechanical Engineering ,
Prathyusha Engineering College,
Thiruvallur.



Dr. S. THIRUGNAM,
Professor,
Department of Mechanical Engineering,
SRM Valliammai Engineering College,
Kattankulathur.



Dr. V. JAYAKUMAR
Associate Professor
Department of Mechanical Engineering
SSN College of Engineering
Kalavakkam



Dr. S. KATHIRESAN
Professor,
Department of Mechanical Engineering,
Prince Sri Venkateswara Padmavathy Engg. College,
Ponmar.



Dr. R. ASHOK GANDHI
Associate Professor,
Department of Mechanical Engineering,
Sri Sai Ram Engineering College, Chennai.



Mr. SRIRAM SUNDAR
Lead,
CAE Engineer-Consumer Electronics
HCL Technologies, Chennai.



Mr. RAGAV VASUDEVAN
(Ex-Daimler)
Research Assistant,
Ingolstadt University,
Germany.



Patrons

Shri. SAI PRAKASH LEOMUTHU
Chairman & CEO, Sairam Institutions

Dr. A. RAJENDRA PRASAD
Principal

Convener

Dr. B. VIJAYA RAMNATH
Head of the Department

Coordinator

Dr.R.ASHOK GANDHI, Associate Professor

Organising Members

Mr. M. SURESH, Professor

Mr. K. VETRI VELMURUGAN, Assistant Professor

Mr. L. RAVIKUMAR, Assistant Professor

Mr. T. BABU, Assistant Professor

Mr. M. MURUGAN, Assistant Professor

Mr. P. ANBARASU, Assistant Professor

For Queries Dial:

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Registration Link:

<https://tinyurl.com/SAIRAM-FDP-MM>

