



SECC12601DME01



in association with

SAE (Sothern Section), IEEE Instrumentation & Measurement Society (Madras Section),
The Indian Society of Heating, Refrigerating and Air Conditioning Engineers (ISHRAE)

6 Days Online Faculty Development Programme on

RECENT ADVANCEMENTS IN ELECTRIC AND HYBRID VEHICLE TECHNOLOGIES - RAEHVT-2026

05.01.2026 to 10.01.2026



Sri

SAIRAM

ENGINEERING COLLEGE

An Autonomous Institution

West Tambaram, Chennai - 44
www.sairam.edu.in



ABOUT THE INSTITUTION

Sri Sai Ram Engineering College, a IS/ISO 21001:2018 certified Institution, was established by Founder MJF. Ln. Leo Muthu in 1995. The college is accredited by NAAC with an 'A+' grade, and all eligible Engineering programs are accredited by the National Board of Accreditation (NBA). Situated in a sylvan environment, the College offers seventeen UG courses and seven PG courses in Engineering, Technology, and Management. Recognized among the reputed institutions in Tamil Nadu, the College's growth and reputation reflect the commitment and enthusiasm of its staff and management. Guided by the motto, "Prosperity through quality education," the institution imparts knowledge and entrepreneurship skills, striving for excellence in Technical, Computer, and Management education. Sri Sai Ram Engineering College is consistently ranked among the top colleges in Tamil Nadu and has been listed in the NIRF since 2017.

The College has also integrated the 'Sustainable Development Goals (SDG)' into its activities to foster social responsibility and environmental awareness in its students, aspiring to contribute to a better world. With a team of highly qualified and dedicated Professors, the College supports various socially relevant projects funded by state and central government agencies, including DST, AICTE, DRDO, CSIR, MoE, and UBA, and publishing research outputs in various national and international journals.

ABOUT THE DEPARTMENT

The Department of Mechanical Engineering was established in the year 1995. It has excellent infrastructural facilities on par with the latest developments in technologies. The department is accredited by the National Board of Accreditation since 2007 and is supported by professionally experienced and highly qualified faculty and staff. The Department received the 'Best Industry Linked AICTE-CII Award' in 2015 and 2020. The Master of Engineering (M.E) - CAD/CAM program is designed to prepare graduate students in the multi-disciplinary fields of computer-aided design and manufacturing, addressing the challenges and opportunities presented by modern technology and society. The Department has been recognized as a Research Centre by Anna University and hosts several centers of excellence, including Material Research, Clean Energy, Reverse Engineering & CAE. The Department has signed MoUs with industry associations such as TIEMA, AIEMA, COINDIA, and other leading industries. It also supports professional societies, including SAE, ISTE, IEI, ISHRAE, IWS, IEEE, and QCFI. Our students have won awards in SAE events like M-BAJA, E-BAJA, SUPRA, TIFAN, Effi-Cycle, and in other competitions like Solaris, Go-Kart, E-bike, and Dirt Bike. Delphi TVS Technologies Ltd, Chennai has established a Centre of Excellence within the department, advances in fuel injection systems inside the department.

VISION

To establish a renowned department for its technological and engineering expertise by delivering quality education and addressing industry needs to tackle societal challenges.

MISSION

Department of Mechanical Engineering, Sri Sai Ram Engineering College is committed to

- Equip Students with exceptional knowledge and skills for a successful career in Engineering and Technology.
- Inspire students to pursue higher studies by achieving excellence in engineering and technology.
- Encourage students to understand industry needs and develop entrepreneurial skills.
- Instill in students an understanding of the significance of ethical values in society.
- Build students to embrace lifelong learning.

PROGRAM OVERVIEW

The Six Days Faculty Development Program (FDP) on "Recent Advancements in Electric and Hybrid Vehicle Technologies" is designed to enhance the knowledge and technical competence of faculty members in the rapidly evolving field of electric and hybrid mobility. The program focuses on emerging trends, vehicle electrification, battery technologies, power electronics, electric drives, energy management systems, and charging infrastructure.

Through expert lectures, interactive sessions, and case studies, the FDP aims to bridge the gap between academic teaching and industry practices, enabling participants to integrate advanced EV and HEV concepts into curriculum development, research, and laboratory practices. The program also promotes sustainable transportation solutions aligned with current industry and environmental needs.

TARGET AUDIENCE

- Teaching faculty of Engineering and Polytechnic Colleges, Universities.

SPECIAL NOTES

- No registration fees
- Participants with a minimum of 80% attendance will receive an E-Certificate

IMPORTANT DATES

- Registration Open: **01.01.2026**
- Last Date of Registration: **04.01.2026**

REGISTRATION DETAILS

Please fill the registration form using the following link or by scanning the QR code:

REGISTRATION LINK :

<https://tinyurl.com/sairam-mech-fdp2026>



DISTINGUISHED SPEAKERS

Mr. S. KAUSHIK RAJALINGAM

Team Leader, Structural Simulation,
Valeo India Private Limited, Chennai

Mr. S. LALITH KUMAR

Asst. Lead, Manufacturing and Portfolio Department
Vestas Wind Technology India Private Limited, Chennai.

Dr. M. B. SHYAM KUMAR

Professor, School of Mechanical Engineering,
VIT, Chennai.

Dr. P. C. MURUGAN

Professor & Head
Department of Automobile Engineering,
Kongu Engineering College, Perundurai, Erode.

Dr. L. KARIKALAN

Professor & Head,
Department of Automobile Engineering,
VISTAS, Chennai

Dr. G. BALAJI

Associate Professor
Department of Mechanical Engineering,
SRM Institute of Science and Technology,
Kattankullathur, Chennai.

Dr. G. SWAMINATHAN

Assistant Professor
Department of Mechanical Engineering,
PSG Institute of Technology and Applied Research,
Coimbatore.

Dr. A. RAJENDRA PRASAD

Professor & Dean (Student Affairs),
Sairam Institutions.

Dr. B. VIJAYA RAMNATH

Professor & Head
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Dr. L. SARAVANAKUMAR

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Dr. T. PORSELVI

Professor
Department of Electrical and Electronics Engineering,
Sri Sai Ram Engineering College, Chennai.

Dr. S. ARUNPRASAD

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

ORGANISING COMMITTEE

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Chairman & CEO

Patron

Dr. J. Raja
Principal

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Dean (Student Affairs) /
Professor - Mechanical Dept.

Dr. B. Vijaya Ramnath
Professor & Head / Mechanical

Co-ordinators

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Accredited by NAAC "A+"
IS/ISO 21001:2018 (EOMS) Certified by BIS
and NIRF ranked institution

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www.sairamgroup.in



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