



MHRD



SUSTAINABLE DEVELOPMENT GOALS



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



DEPARTMENT OF MECHANICAL ENGINEERING
organise

5 DAYS WEBINAR ON **SOLAR TECHNOLOGY**



Hosting on ZOOM



17.06.2020 to 21.06.2020
@ 11.00 am to 12.30 pm



ABOUT SEC

Sri Sairam Engineering College, Chennai was established in the year 1995 by Philanthropist, Educationist and Industrialist, MJF.Ln.Leo Muthu, Chairman of Sapthagiri Educational Trust, a non-profitable, and non-minority institution. 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 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 5000 people. A well-defined vision, highly committed mission and dedicated leadership facilitate Sri Sairam Engineering College to be one of the best educational institutions in the country.

ABOUT 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 2015 has placed the Department of Mechanical Engineering in the first position at all India level. 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.

ABOUT PROGRAMME

Solar power is energy from the sun that is converted into thermal or electrical energy. Solar energy is the cleanest and most abundant renewable energy source available. Solar technologies can harness this energy for a variety of uses, including generating electricity, providing light or a comfortable interior environment, and heating water for domestic, commercial, or industrial use.

Our Five days Webinar Series on Solar Technology Systems consists of Introduction, Design and Research Methodologies for complete understanding of latest Solar Technology. Our

Webinar covers the entire Solar system planning and design process. This program involves practical demo on Solar panels, Inverters, Batteries, and cabling etc. We will provide you with the necessary knowledge and skills to do business in the Solar PV industry.

TOPICS TO BE COVERED:

- Solar Thermal – PV Renewable Energy and its Applications.
- Nano Fluids and its Applications in Solar Thermal Systems.
- Recent Developments of Evacuated Tube Solar Collectors.
- Installation, detailed explanation of solar systems components and it's Applications.
- Design Methodology for Solar System.

ABOUT IQAC

The Internal Quality Assurance Cell (IQAC) of Sri Sai Ram Engineering College was established in the year 2012 to initiate activities that improve standards in teaching learning process, evaluation, and research. Post accreditation, IQAC is actively involved in various facets of academics and administration of the institution to promote quality. The IQAC also encourages and motivates students, creates an atmosphere to inculcate originality and innovation in the young minds. Quality in higher education is the need of the hour and is also emphasized by the accreditation bodies. IQAC takes the responsibility of creating and promoting awareness in the institution regarding multilevel quality sustenance activities and implementing new ones for attaining excellence.

TARGET AUDIENCE

Engineering and Technological Students from various Institutions around the country.

MODE OF DELIVERY : WEBINAR

Registered participants will be provided with an e-Certificate after completing the course and virtual attendance form.

Resource Persons



Dr. A. Rajendra Prasad

*Principal,
Sri Sairam Engineering College,
Chennai.*



Dr. S. Suresh

*Associate Professor,
Department of Mechanical Engineering,
National Institute of Technology, Trichy.*



Dr. S. Murugan

*Professor,
Department of Mechanical Engineering,
National Institute of Technology, Rourkela.*



Mr. Fawaz Hussain

*Founder and CEO,
DayStar Solar, Chennai.*



Mr. S. Siva Chandran

*Assistant Professor,
Department of Mechanical Engineering,
Sri Sairam Engineering College, Chennai.*

PATRONS

Shri. SAI PRAKASH LEOMUTHU

Chairman & CEO, Sairam Institutions

Dr. A. RAJENDRA PRASAD

Principal

CONVENERS

Dr. B. VIJAYA RAMNATH, HOD-Mech

Mr. S. SIVA CHANDRAN, Asst. Professor

CO-ORDINATORS

Mr. A. RAVINTHIRAN, Asst. Professor

Mr. P. ANBARASU, Asst. Professor

Mr. D. PRABU, Asst. Professor

Mr. PRIYADARSHI DUTT, Asst. Professor

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Registration: Google drive Link:

<https://forms.gle/oNo4HD9z7cfKN16s9>

