

DECLARATION

The above information is true to the best of my knowledge. I agree to abide by the rules and regulation governing the Faculty Development Programme. If selected, I shall attend the programme for the entire duration. I also undertake the responsibility to inform the coordinator in advance, if I am unable to attend the programme.

Date:

Place: Signature of the Participant

SPONSORSHIP

Mr. / Ms. / Dr. is an employee of our Institution and is hereby sponsored for the above Faculty Development Programme. He / She will be permitted to attend the program, if selected.

Signature of the Sponsoring Authority with seal

Address for Communication :
THE COORDINATOR
FDP on ROBOTICS

Department of Mechanical Engineering
Sri Sairam Engineering College
Sai Leo Nagar, West Tambaram,
Chennai - 600 044. Tel : 044-2251 2222

Mobile : 98417 15119 / 99622 90907



ORGANIZING COMMITTEE

Patrons

Shri. Sai Prakash LeoMuthu

Chief Executive Officer, Sairam Institutions

Dr. A. Rajendra Prasad
Principal

Dr. B. Vijaya Ramnath
HOD, Mechanical Engineering

Convenor

Dr. C. Elanchezian
Professor

Co-ordinators

Dr. R. Ashok Gandhi
Asst. Professor

Last of Registration :
07.05.2019



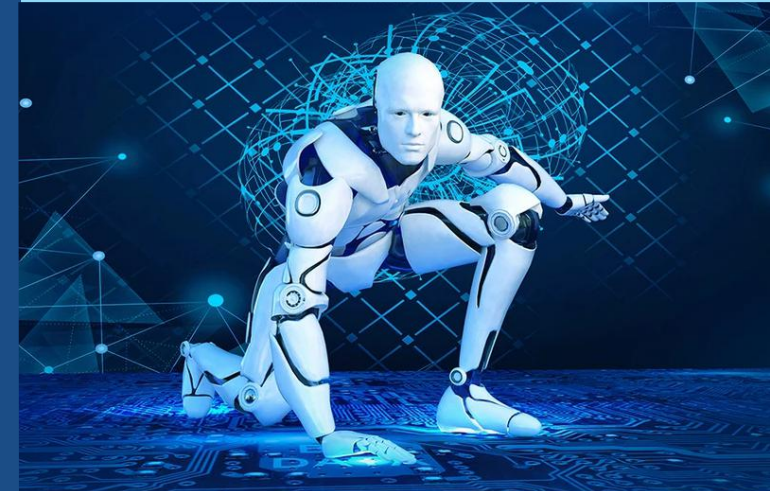
www.sairamgroup.in

SIX DAYS FACULTY DEVELOPMENT PROGRAMME ON ROBOTICS

13.05.2019 to 18.05.2019



in association with
ISTE



Organized by

Sri DEPARTMENT OF MECHANICAL ENGINEERING
SAI RAM ENGINEERING COLLEGE

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

Sai Leo Nagar, West Tambaram, Chennai - 44. Tel : 044 - 2251 2222

www.sairam.edu.in



THE INSTITUTION

Sri SaiRam Engineering College, an ISO 9001:2015 certified, NAAC A+ Grade and NBA accredited institution, is established by a philanthropist MJF. Ln. Leo Muthu in 1995. The college offers Under Graduate, Post Graduate courses in Engineering, Technology, Management and compute A well-defined vision, highly committed mission and dedicated leadership facilitate Sri Sairam Engineering College to be in the best of educational institutions in India. With the motto "prosperity through quality education", the institution disseminates knowledge and entrepreneurship skills among the students and strives to achieve academic excellence.

ABOUT THE DEPARTMENT

Established in the year 1995, the Department of Mechanical Engineering has excelled in its infrastructural facilities keeping pace with the latest development in technologies. The department is accredited by the National board of accreditation and is backed by professionally experienced and highly qualified faculty and supporting staff. More than 750 students have enrolled in the Mechanical Engineering branch. The department has been producing excellent results with distinctions and University ranks in the Anna University exams consistently and has an enviable placement record.

The Association of Mechanical Engineering has been regularly conducting seminars, workshops and guest lectures by eminent personalities in various fields of mechanical engineering. CII-AICTE survey of industry linked technical institutions 2015 has placed the Department of Mechanical Engineering in the first position at all India level. The department has well developed laboratories equipped with latest equipments.

Alumni settled in abroad and also most of the students qualified GATE and got placement in prestigious companies.

Dept infrastructure facilities

1. Robotics lab
2. 3D Printer
3. CMM
4. Stir cast welding setup

THEME OF FDP

Robotics and AI is adding a new dimension to the Indian manufacturing sector especially in the context of MADE IN INDIA campaign.

TOPICS TO BE COVERED

- Robot Programming
- Types of robots
- Kinematics, Dynamics and Trajectory Control
- Autonomous Vehicle
- Navigation and Machine Vision
- Artificial Intelligence
- Arduino Programming
- Closed Loop Robot Manipulators
- Applications of Industrial Robots
- Unmanned Robotic Technology
- Robotics Past present & Future Emerging Challenges in IoT 4.0

Industrial visit as well as hands on training will be arranged..

RESOURCE PERSONS

Leading academicians, R and D officials from eminent industries.

- Dr. Somashekhar S Hiremath, IIT Madras
- Dr. S. Ramachandran, Sri Sairam Engineering College
- Dr. G. Shanmuga Sundar, Sri Sairam Institute of Technology
- Dr. S . Prabhu, SRM Institute of Science and Technology
- Mr R. Karthikeyan, Sri Sairam Engineering College
- Mr. M.R.Stalin John, SRM Institute of Science and Technology
- Mr. R. Purushothaman, CEO, EPR LABS
- Mr. T. Balaji, CEO, AUG Technology, Chennai

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REGISTRATION FORM

Name :
Gender : Male / Female
Qualification :
Designation :
Department :
Institution :
Address :
Mobile number :
E-mail ID :
Accommodation
Required : Yes / No

Place :

Date : Signature of the Applicant