

ELIGIBILITY DETAILS

- Academicians & Faculty Members from Engineering Colleges & Universities
- Third Year & Final Year Under Graduate Engineering students
- Research Scholars pursuing Part Time / Full Time Ph.D.
- Post graduate Engineering Students
- Industrialists
- Scientists from various R&D sectors

REGISTRATION DETAILS

Registration Fee : **Rs. 500/-** per Participant.

Registration fee covers Lunch & refreshments. For outstation participants, on separate chargeable & request basis, accommodation can be provided in College Hostel.

Completely filled in Registration form along with DD drawn in favor of "SOCIETY OF MECHANICAL ENGINEERS, S.A. ENGINEERING COLLEGE" Payable at Chennai, must be sent to registration contact address.

DATES TO REMEMBER

Last for Registration (by Email) : 12.01.2018

Intimation of Selection : 15.01.2018

The maximum number of participants is restricted to 75 only. The participants are selected on first come first serve basis only.

FOUNDER :

(Late) **Shri D. SUDHARSSANAM**

CHIEF PATRON :

Shri. D. DURAISWAMY, Chairman

Shri. D. PARANTHAMAN, Vice Chairman

Shri. D. DASARATHAN, Secretary

Shri. S. AMARNAATH, Treasurer

Shri. S. GOPINATH, Joint Secretary

PATRON :

Shri. P. VENKATESH RAJA, B.E., M.S.,
Director

CO-PATRON :

Dr. P.K. NAGARAJAN, M.E., Ph.D.,
Principal

WORKSHOP CHAIR :

Dr. T. LAKSHMANAN, M.E., Ph.D.,
HOD, Department of Mechanical Engineering

CONVENORS :

Dr. P. SEVVEL, Professor, Mech.

Dr. S. MAHADEVAN, Professor, Mech.

For Registration & Further details :

Dr. P. SEVVEL, Professor,
Dept. of Mechanical Engineering.

S.A. ENGINEERING COLLEGE,

Poonamallee - Avadi Main Road, Thiruverkadu,
Chennai - 600 077, Tamilnadu, India.

Phone : 9176278763, 9787272744

Email : workshopmech@saec.ac.in

TWO DAYS NATIONAL WORKSHOP on "LATEST TRENDS IN FABRICATION, CHARACTERIZATION & ANALYSIS OF COMPOSITE MATERIALS"

30.01.2018 & 31.01.2018

Convenors :
Dr. P. Sevvel
Dr. S. Mahadevan

sponsored by



Science and Engineering Research Board (SERB)

Organized By

Department of Mechanical Engineering



S.A. ENGINEERING COLLEGE

(Accredited by NBA, NAAC with 'A' Garde &
ISO 9001: 2008 Certified Institution)

Poonamallee Avadi Main Road,
Thiruverkadu, Chennai - 600 077.

Phone : 044-2680 1999

2680 1499

Fax : 044-2680 1899



ABOUT THE INSTITUTION

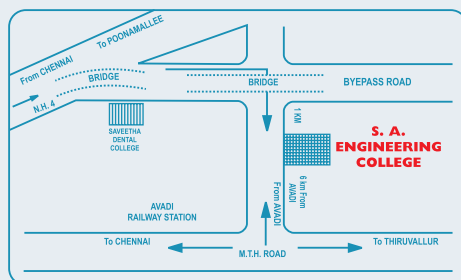
S.A. Engineering College was established by the Dharma Naidu Educational & Charitable Trust in the year 1998-'99. The college is approved by AICTE Delhi and affiliated to Anna University, Chennai, Tamil Nadu. The college is well-planned with 5 lakhs sq.ft. of constructed area which includes classrooms, drawing halls, laboratories, workshops and associated facilities. In recognition of quality system of high quality policy being implemented by the Institution, M/s TUV NORD has accorded ISO 9001:2008 Certification. The college is accredited by NBA, NAAC with 'A' Grade. The college offers following 6 U.G programmes and 7 P.G programmes.

- B.E. - Civil Engineering
- B.E. - Computer Science and Engineering
- B.E. - Electronics and Communication Engineering
- B.E. - Electrical and Electronics Engineering
- B.E. - Mechanical Engineering
- B.Tech. - Information Technology
- M.E. - CAD/CAM
- M.E. - Communication Systems
- M.E. - Computer Science and Engineering
- M.E. - Embedded System Technologies
- M.E. - Power Electronics and Drives
- M.B.A. - Master of Business Administration
- M.C.A. - Master of Computer Applications

The college maintains high standard of education by providing a wide array of world class academic facilities, employing highly qualified and experienced faculty members and creating an ambience conducive for providing quality education.

LOCATION

The college is located on the highway from Poonamalle to Avadi High Road at a distance of about 500 mts. from Poonamalle Bye Pass Road of the Chennai- Bangalore National Highway (NH4).



ABOUT THE WORKSHOP

In present modern world, there is an urgent need for improved composite materials in various sectors of automotive & aerospace industries. This workshop aims to provide a forum & platform for young researchers, faculties, PG students to learn & gain hands on training in various latest advancements in composite materials fabrication & testing. Distinguished & outstanding professors from prestigious universities including IITs, NITs, Scientists from DRDO will be sharing their experience & train the participants. The Workshop tends to cover various latest aspects of the methodologies & materials used in fabricating different types of composites, along with numerous examples and relevant videos to enrich the knowledge of the participants.

CONTENTS OF THE WORKSHOP

- Application & Importance of Composite Materials to various sectors & scenarios
- Preparation of various composite materials using advanced techniques
- Joining of metal matrix composites using FSW process
- Characterization & Synthesis of fabricated composites
- Testing & Analysis of composites under various impact load conditions
- Wear behaviour of Composites

WORKSHOP HIGHLIGHTS

- Live Demonstration on preparation of different composites using advanced Bottom type Pouring Stir Casting Machine
- Hands on Training on fabrication of composites using Vacuum Bagging & Wet Techniques by Industrial Experts
- Real time practice on Testing & failure analysis of various types of composite materials using NDT techniques.

TWO DAYS NATIONAL WORKSHOP

on

“LATEST TRENDS IN FABRICATION, CHARACTERIZATION & ANALYSIS OF COMPOSITE MATERIALS”

30.01.2018 & 31.01.2018

REGISTRATION FORM

Name :

Qualification :

Gender :

Academician/Industrialist :

Designation & Dept :

Name of the Institute/Industry :

Address for Communication:

E Mail ID :

Phone No :

Accommodation required : Yes / No

DD No.:

Date:

Amount in Rs:

Name of the Bank:

Signature of the Participant