

ORGANIZING COMMITTEE

Chief Patron : Dr. R. Shiva Kumar – Chairman
SRM Group of Institution
Ramapuram & Trichy Campus

Patron : Dr. S. Malikraj – Principal
Dr. M. Prabhakar- VP(Academic)
Dr. R. Manoharan – VP(Admin)

Convener : Mr. N. Indhusekaran HoD/Mech

Coordinators : Mr. J. Jones Praveen -AP/Mech
Mr. C. Elajchet Senni – AP/Mech
Mr. S. Aravind – AP/Mech

FOCUS GROUP

Academicians from Engineering Colleges, Universities, Research Institutions, Students, Professionals from Industries in the Mechanical and related fields will find this workshop efficacious.

REGISTRATION DETAILS

Registration Fee: Rs.300/- per participant. This fee includes course material, registration kit, refreshments and certificate.

Registration for the course can be made by sending the duly filled registration form along with a DD for Rs.300/- in favour of “The Principal, SRM TRP Engineering College” payable at Trichy.

National Workshop

On

**“Advanced Composite Materials –
A Research Perspective”**

16th & 17th August, 2018

Application Form

Name : _____

Year & Branch: _____

Designation : _____

Organization : _____

Address for communication :

Contact No : _____

E-mail : _____

Qualification : _____

DD Amount : _____

DD No./Date : _____

Bank Name : _____

Branch : _____

Signature of the Applicant

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**“Advanced Composite Materials –
A Research Perspective”**

16th & 17th August, 2018



Organized by

**Department of Mechanical
Engineering**

SRM TRP Engineering College

(SRM GROUP)
Irungalur, Trichy,
Tamil Nadu -621105

Tel : 0431 -2258940/2258681
Website : www.trpengg.ac.in

ABOUT TRP ENGINEERING COLLEGE

SRM TRP Engineering College is named after this well-known educationist and philanthropist Dr.T.R. Pachamuthu and headed by Dr.R.Shiva Kumar M.D., Ph.D., Chairman, Ramapuram and Trichy Campuses. The institution continues the blazing glory in the field of education, deservedly bequeathing it from SRM Group of Institutions. It is approved by the All India Council for Technical Education and affiliated to Anna University, Chennai. The College is located on NH-45 at Irungalur near samayapuram, famous for its mariamman temple and at a distance of about 25kms from Tiruchirappalli, a city well known for its education, industrial development and connectivity with all parts of the state. The College is constructed in a rural area hence it is quiet and pollution-free campus.

ABOUT THE DEPARTMENT

The present scenario demands adaptability and creativity in the new technical areas, the Department of Mechanical Engineering is equipped with the best of resources to enrich its bloodline of the department thereby ensuring high quality education to the students. The Department has state-of-the-art facilities for imparting practical knowledge in the field of mechanical Engineering. The intense professional will of the faculty is the root for the sustained excellence of the department. The present intake for undergraduate is 120 students and of postgraduate 18 students. The department continuously interacts with industries in order to assimilate the current trends. It regularly organizes technical lectures, seminars, workshops to bridge the gap between the syllabus and current practice. The department has twenty well qualified staff members with 3 PhDs and 4 pursuing PhDs who have rich experience in teaching and industries. The staff and students are associated with various professional bodies like ISTE, IE, IWS, etc.

INTRODUCTION

In response to the marked increase in research activity in multifunctional materials and structures in the last few years, this workshop is an attempt to identify the topics that are most relevant to multifunctional composite materials and structures. Structural functions include mechanical properties like strength, stiffness, fracture toughness, and damping, while non-structural functions include electrical and/or thermal conductivity, sensing and actuation, energy harvesting/storage, self-healing capability, electromagnetic interference (EMI) shielding, recyclability and biodegradability. This workshop provides a platform for young scientists, researchers, and students to learn the need, preparation and characterization of composite materials. It will certainly help the society in various aspects of Engineering and Technology.

COURSE CONTENTS

- Introduction to Composite Materials: Basics and Materials used in Composites
- Engineering applications of Composite Materials.
- Manufacturing techniques for Polymer Matrix Composites, Metal Matrix Composites and Ceramic Matrix Composites
- Testing and Characterization of Composites
- Mechanics of Composite Materials
- Additive Manufacturing

RESOURCE PERSONS

Sessions will be handled by experts from various reputed Institutions.

SCHEDULED DATES

Last date for receipt of Application: 10.08.2017
Intimation of selection : 12.08.2017

DECLARATION

The above information is true to the best of my knowledge. I agree to abide by the rules and regulations governing the course. If selected, I shall attend the workshop for the entire duration. I also under take the responsibility to inform the coordinator in case I am unable to attend the course.

Place :

Date :

Signature of the applicant

SPONSORSHIP CERTIFICATE

Mr/Ms/Dr _____

_____ is an employee of our Institute / Organization and is here by sponsored by us. He/She will be permitted to attend this Workshop, if selected.

Office Seal

Signature of the
Sponsoring authority

Place:

Date:

Application form completed in all respects is to be sent to:

**The Coordinators,
Advanced Composite Materials -A Research
Perspective**

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SRM TRP Engineering College, irungallur,
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