

**ORGANIZING COMMITTEE**

Chief Patron : Smt.S.Malarvizhi  
Chairperson & Managing Trustee  
Patron : Dr.K.Sundararaman,  
Chief Executive Officer  
Chairman : Dr.S.Annadurai  
Principal  
Co – chairman: Dr.P.Ashoka Varthanan  
Head of the Department, Mech  
Convener : Prof.R.Jeyakumar  
Coordinators : Prof.C.Samson Jerold Samuel  
Prof. R.Arunkumar  
Prof. N.Babu

**FOCUS GROUP**

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

**BOARDING AND LODGING**

Boarding and lodging will be provided to the selected candidates in the college campus on **payment basis**.

**REGISTRATION DETAILS**

Registration Fee: Rs.250/- per participant

This fee includes course material, registration kit, refreshments and certificate.

**NO LUNCH WILL BE PROVIDED DUE TO UNPREDICTED NUMBER OF PARTICIPANTS**

Registration for the course can be made by sending the duly filled registration form along with a DD for Rs.250/- in favour of "The Principal, Sri Krishna College of Engineering and Technology" payable at Kuniamuthur.

**HOW TO APPLY**

The applicants should send their applications in the specified format through their Principal / Sponsor to reach us on or before 02.08.2016. If selected, they should confirm their participation in time.

**National Workshop**

**on**

**RESEARCH IN COMPOSITE  
MATERIALS AND WELDING  
TECHNOLOGY**

**[RCMW – 2016]**

**11<sup>th</sup> August, 2016**

**APPLICATION FORM**

**Name** : \_\_\_\_\_

**Age** : \_\_\_\_\_

**Designation** : \_\_\_\_\_

**Organization** : \_\_\_\_\_

**Address for communication** : \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Contact No** : \_\_\_\_\_

**E-mail** : \_\_\_\_\_

**Qualification** : \_\_\_\_\_

**Experience** : \_\_\_\_\_

**Accommodation:**  Yes  No

**DD Amount** : \_\_\_\_\_

**DD No./Date** : \_\_\_\_\_

**Bank Name** : \_\_\_\_\_

**Branch** : \_\_\_\_\_

**Signature of the Applicant**

**National Workshop**

**on**

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MATERIALS AND WELDING  
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**[RCMW – 2016]**

**11<sup>th</sup> August, 2016**



Organized by

**Institute of Indian Foundrymen –  
SKCET Students Chapter  
&  
Department of  
Mechanical Engineering**

**Sri Krishna College of  
Engineering & Technology**

(An Autonomous Institution)

Kuniamuthur, Coimbatore – 641 008  
Tamilnadu.

Tel : 0422-2678001-7 Lines

Website : [www.skcet.ac.in](http://www.skcet.ac.in)

E-mail : [iif@skcet.ac.in](mailto:iif@skcet.ac.in)

### **ABOUT THE COLLEGE**

Sri Krishna College of Engineering and Technology, approved by AICTE and affiliated to Anna University, was established in the year 1998 for providing quality technical education to the young minds of the state. In all, the College offers seven UG and nine P.G. programmes in Engineering, Computer Applications and Management. It has full-fledged infrastructure furnished in all aspects with a world-class library as the highlight. The college is accredited by NAAC with 'A' grade and accredited by the National Board of Accreditation. Also, the College was granted Autonomy from the year 2011.

### **ABOUT THE DEPARTMENT**

The Mechanical Engineering Department was established in the year 1998. The Department offers 4 year B.E Degree course in Mechanical Engineering and 2 year Master Degree programme in CAD/CAM and Engineering Design. **Due to Infrastructure, Facilities and Faculty, the Department has secured Anna University Permanent Affiliation in the year 2005 – 2006.** Dedicated and Experienced faculty, **6 of them with Ph.D degrees** and **30 others with M.E/ M.Tech degrees**, drawn from industries and reputed academic institutions form the backbone of the department. The department has 21 Laboratories created with futuristic vision. The state of art CAD/CAM Lab, Fluid Mechanics and Machinery Lab, Thermal Lab and Dynamics Lab are examples. The Department is also as recognized research centre for offering Ph.D. programmes under Anna University. The students of Department of Mechanical Engineering are well molded for the industrial environment by making industrial visits mandatory and by encouraging them to undergo industrial training and do industry projects. Their creativity is also kindled by encouraging them to participate in inter-college competitions, mini project exhibitions, etc. The department also organizes several training program, workshops, seminars, etc for staff and students every year.

### **ABOUT THE LOCATION**

The college is situated at Kuniamuthur on the National highway to Palakkad about 6 Kilometers from Coimbatore. It is well connected by road, rail and airway.

### **ABOUT THE IIF – SKCET Students Chapter**

The Institute of Indian Foundrymen SKCET Students Chapter was established in 2014. At present 340 students of Mechanical Engineering are the members of this club. The club has planned to organize various events like seminar, workshop, conference, symposium, etc., for the benefit of IIF and Non IIF student members. The club also arranges Inplant Training, Internship, Industrial visits for our students. It also organizes the workshop which will be useful to the young researchers.

### **INTRODUCTION**

Global manufacturing trend is towards innovating a novel Composite Material for Automotive, Aerospace and Marine Applications. This workshop provides a platform for young scientists, researchers, and students to learn the need, preparation and characterization of composite materials. The development of new composite materials enhance the manufacturers to survive in this present competitive environment. It will certainly help the society in various aspects of Engineering and Technology.

### **COURSE CONTENTS**

- Introduction to composite materials
- Preparation of Polymer Matrix Composites and Natural Fibre Composites.
- Metal Matrix Composites and Ceramic Matrix Composites
- Characterization of Composite Materials
- Welding of composite materials
- Applications of Composite materials in Automotive, Aerospace and Marine fields.

### **RESOURCE PERSONS**

Sessions will be handled by experts from various reputed Institutions.

### **SCHEDULED DATES**

Last date for receipt of Application : 02.08.2016

Intimation of selection : 04.08.2016

### **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, Research in Composite Materials and Welding Technology [RCMW – 2016]**

Institute of Indian Foundrymen – SKCET Chapter,  
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Sri Krishna College of Engineering & Technology  
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