

## REGISTRATION FORM

### SEMINAR ON COMPOSITE MATERIALS

10<sup>th</sup> January 2017

1. Name :
2. Qualification :
3. Age & Date of Birth :
4. Experience :
5. Email ID & Mobile No:
6. Institution Address :
7. Institute Affiliated to Anna University: Yes/No
8. Address for Communication:
9. Accommodation Required: Yes/No
10. Payment Details:

The information provided by me is true to the best of my knowledge. I agree to abide by the rules & regulations governing Seminar. If selected, I shall attend the program for the entire duration.

Date:

Place: **Signature of the Applicant**  
**SPONSORSHIP**

Mr./Ms./Dr. \_\_\_\_\_ is an employee of our institute / organization and is hereby permitted for the above mentioned seminar , if selected

Date:

Place: **Signature & Seal**  
**Head of the Institution**

### PARTICIPATION:

- ✓ Faculties from Engineering Colleges
- ✓ UG,PG students of Engineering Colleges and Research Scholar
- ✓ Personnel from Industries

### VENUE

CSE Seminar Hall

### REGISTRATION FEE

- ✓ Rs. 250/- for the individual participants
- Dully filled registration form along with Demand Draft in favour of “The Principal”, Sri Vidya College of Engineering and Technology payable at Virudhunagar on or before

### IMPORTANT DATES

- ✓ Last date for the receipt of DD: 28/12/2016
- ✓ Last date for confirmation by Participants: 03/01/2017

### KEY NOTE SPEAKER

Dr.R. Murali kannan; Ph.D;  
Professor, Dept. of Mech Engg,  
Sethu Institute of Technology  
Kariyapatti, Virudhunagar.

### Address for Communication

Mr.M. Ranjith Kumar, M.E.,  
Program Coordinator  
Department of Mechanical Engineering,  
Sri Vidya College of Engineering and Technology,  
Virudhunagar -626 005  
Phone: +91 8939439750

## SEMINAR ON COMPOSITE MATERIALS



**ORGANIZED BY**

**DEPARTMENT OF  
MECHANICAL ENGINEERING**

**SRI VIDYA COLLEGE OF  
ENGINEERING & TECHNOLOGY,**

**Sivakasi Main Road,  
Virudhunagar – 626 005  
Tamilnadu.**

## **ABOUT THE INSTITUTION**

Sri Vidya College of Engineering & Technology was established in the year 2008. It was approved by AICTE, New Delhi and affiliated to Anna University, Chennai. It was founded by Er.R ThiruvengadaRamanuja Doss, Chairman, Sri Vidya group of Institutions. The campus of the institution is spread over 45 acres of land. It offers higher education in Engineering and Technology to the current and future needs of the society. Besides promoting research and disseminating knowledge gained there from, it promotes co-operation between the academic and institutional communities. The institution offers 5 UG programmes and 4 PG programmes.

## **ABOUT THE DEPARTMENT**

The Department of Mechanical Engineering became a part of the institution in the year 2011. The department has faculty members who are experts in various disciplines having both industrial and teaching experience, aims at educating and training students, with sound knowledge and awareness in the latest trends in manufacturing, design, automobile and production. The department is equipped with the needed equipments to provide the students with a hands-on-experience.

## **ABOUT THE PROGRAMME**

The Seminar is intended to provide opportunity for the faculty members, research scholars and PG students to enrich their knowledge in the area of Composite Materials.

## **OBJECTIVES**

- To understand the differences in properties of different materials including metals, alloys, ceramics, polymers and composites.
- To evaluate the basic properties and characteristics of types of composite materials.
- To study the applications of composite materials in various fields of Engineering and Technology.
- To learn basic fabrication processes in making composite materials

## **TOPICS TO BE COVERED**

The Seminar will cover the following topics:

- Limitations of conventional materials, Evolution, characteristics and applications of composite materials
- Metal Matrix composites
- Ceramic composites
- Fibber reinforced composites
- Manufacturing a composite material by bag moulding technique
- Stir casting technique
- Ultrasonic cavitations technique
- Quality inspection and NDT of composite materials
- Failure modes and Fracture mechanics
- Optimization of laminates of composites

## **ADVISORY BOARD**

Er. R. TiruvengadaRamanuja doss B.E.  
Chairman,  
Sri Vidya Group of Institutions

Er. T. Venkatesh B.E.,  
Secretary,  
Sri Vidya Group of Institutions

Dr. S. Sankaralingam, Ph.D.,  
Principal,  
Sri Vidya College of Eng & Tech,  
Virudhunagar – 626 005

## **CONVENER**

Prof.G.Baskaran, M.Tech(IIT), MIE(Singapore);  
Head- Department of Mechanical Engg  
Sri Vidya College of Engg &Tech,  
Virudhunagar – 626 005

## **CO CONVENER**

Mr. S. Chandra Mohan, M.E.,  
Associate Professor  
Department of Mechanical Engg  
Sri Vidya College of Engg &Tech,

## **CO ORDINATOR**

Mr.M. Ranjith Kumar, M.E.,  
Assistant Professor  
Department of Mechanical Engg  
Sri Vidya College of Engg &Tech,