

## ABOUT THE SEMINAR

The use of composite materials, because of their light weight and high performance, has increased manifold over the years, starting from building to aerospace applications. Composite materials can be made to suit any property requirements for any application. A proper selection of reinforcement, matrix material and composition will result in the formation of composites with specific properties. Their wide use has also been facilitated by the development of new materials, improvements in manufacturing processes, and the availability of new analytical tools. The processing of composites will also play a major role in achieving specific properties. To realize the full potential of a composite material, an appropriate processing method should be selected and optimum processing conditions followed. Exposing researchers and industries to the current advancements in the field of ceramic composites through this seminar will enhance their understanding of the area and be a pathway for future research.

## AREAS TO BE COVERED

- Carbon-Carbon Composites
- Composites for Space Applications
- Processing of Ceramic Matrix Composites
- Composites for Defense Applications

## PARTICIPANTS

- Students from various Colleges
- Researchers from Universities / Colleges / Research Institutions
- R & D Personnel of Industries

## REGISTRATION

The Registration fee of Rs. 400 for the delegates from Academic Institutions and Rs. 1500 for the delegates from Industries can make a payment via Online Payment (NEFT Transfer) . The Bank details are,

**A/C No** : 10496975411  
**IFSC Code** : SBIN0006463  
**Beneficiary Name** : Professor &Head

### *PATRON*

#### **THE VICE - CHANCELLOR**

Anna University

### *CHAIRMAN*

#### **Dr. S. GANESAN**

Registrar

Anna University

### *CO-CHAIRMAN*

#### **Dr. S. SIVANESAN**

Dean

A.C. Tech, Anna University

### *CONVENER*

#### **Dr. K. KALAICHELVAN**

Professor & Head

Department of Ceramic Technology

### *CO-ORDINATORS*

#### **Dr. S. MANISHA VIDYAVATHY**

Associate Professor

#### **Dr. D. THENMUHIL**

Assistant Professor

## DATES TO REMEMBER

Last date of Registration : 17.09.2017

Selected Participant Intimation : 18.09.2017

## VENUE

Raman Auditorium, A. C. Tech.

Anna University, Chennai – 600 025

### CONTACT DETAILS

#### **Dr. K.KALAICHELVAN**

Professor & Head

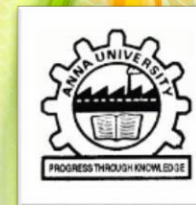
Department of Ceramic Technology

Alagappa College of Technology

Anna University, Chennai – 600 025

Ph: 044 – 22359181

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# ONE DAY SEMINAR ON "CERAMIC COMPOSITES"

**22<sup>nd</sup> SEPTEMBER 2017**

Organized by

Department of Ceramic Technology  
Alagappa College of Technology  
Anna University  
Chennai – 600 025

### **ABOUT THE UNIVERSITY**

Anna University was established on 4<sup>th</sup> Sep 1978 as a unitary type of University. It offers higher education in Engineering, Technology and allied Science relevant to the current and projected needs of the society. Besides promoting research and disseminating knowledge gained, it fosters cooperation between the academic and industrial communities. The University continuously supports academic and research activities among its affiliated colleges. The Anna University is of the affiliated type and is a member of the Association of Indian Universities, the Association of Commonwealth Universities and partner of UNESCO International Center for Engineering Education (UICEE). The Executive Committee of the NAAC has accredited the University with A grade. Recently, Anna University has been ranked the 6<sup>th</sup> among the universities in the country, 8<sup>th</sup> in Engineering category and 13<sup>th</sup> in overall category.

### **ABOUT THE DEPARTMENT**

In the emerging scenario, advanced ceramic materials have become increasingly important due to their better tailor made properties, longer life and lower costs. The growth of ceramic industry in India during the past fifty years is commendable. The growing demand for trained manpower in Ceramic Industries led to the launch of M. Tech degree programme in Ceramic Technology under Department of Chemical Engineering in Anna University during the academic year 1990 – 91. Research activities leading to Ph. D degree was initiated from 1992. Division of Ceramic Technology was formed in the year 1993. During the academic year 1996 – 97, B. Tech degree programme in Ceramic Technology was started.

The Department of Ceramic Technology offers B. Tech, M. Tech, M. S (By Research) and Ph. D programmes in Ceramic Technology. About 85 students are enrolled under various programmes in Ceramic Technology every year. The PG programme is accredited by the National Board of Accreditation. During the course of the programme, the students study subjects ranging from Traditional to Advanced Ceramics covering materials, processing, fabrication, properties, characterization and applications. The Department has produced 32 Ph. D theses so far and currently 33 Research Scholars are working for their Ph.D's. 22 National / International Conferences/ Seminars /Workshops have been organized so far by the Department. 80 Research papers have been published in National/International journals so far. The Research activities are focused on the Development of Structural Ceramics, Electronics Ceramics, Magnetic Ceramics, Bio-Ceramics, Abrasives and Refractories. 3 DST Projects worth of Rs. 1 crore are completed. 1 AR&DB project is on going. The Department is a DST-FIST supported Department.

### **OBJECTIVE OF THE SEMINAR**

The seminar on “Ceramic Composites” is organized by the Department with the following objectives:

- To bring together people (students / researchers / Industries) from across India, who are working on Ceramic composites for a better interaction.
- To impart basic knowledge about the various avenues for active research in Ceramic Composites
- To expose the participants to the current scenario in composite technology.

## ONE DAY SEMINAR ON “CERAMIC COMPOSITES”

22<sup>nd</sup> SEPTEMBER 2017

### REGISTRATION FORM

NAME :  
DESIGNATION :  
DATE OF BIRTH :  
DEPARTMENT :  
INSTITUTION :  
ADDRESS :  
EMAIL :  
MOBILE NUMBER :  
REGISTRATION CATEGORY :  
Academic Institution   
Industry

#### DETAILS OF REGISTRATION

Amount :  
Online transfer Ref. No :  
Date of Transfer :

SIGNATURE OF THE PARTICIPANT

### **CERTIFICATE**

Mr/Ms/Dr.....  
is a Student/ Research Scholar/ Employee of our Institution/Organization. He/She is permitted to attend the seminar, if selected  
Date:  
Place: Signature & Seal of the Sponsoring Authority