ABOUT THE UNIVERSITY

Anna University was established on 4th Sep since 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, Association of Commonwealth Universities and partner of UNESCO International Centre for Engineering Education (UICEE). UGC has accredited Anna University with Five Star status in 2002. With proven capabilities both in academic and research areas, Anna University was able to receive this honour for a period of five years for excellence in Technical Education.

ABOUT THE DEPARTMENT

In the engineering 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 was started.

The Department of Ceramic Technology offers B.Tech, M.Tech, M. S(By Research) and Ph.D programmes in Ceramic Technology. About 75 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 30 Ph.D theses so far and currently 35 Research Scholars are working for their Ph.D's. 20 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. The Department is a DST-FIST supported Department.

OBJECTIVES OF THE SEMINAR

The seminar on **"APPLICATION OF CERAMIC & POLYMER 3D PRINTING"** is organized by the Department with the following objectives:

- To bring together people(students/ researchers/ industries) from across India who are working on Additive Manufacturing for a better interaction
- To impart the various research avenues in additive manufacturing
- To expose the participants to the current and developing technology

AREA TO BE COVERED

- Over view of Additive Manufacturing
- Applications of 3D Printing-Ceramic & Polymers
- Hand on Training of 3D Printing

PARTICIPANTS

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

ONE DAY SEMINAR ON

"APPLICATION OF CERAMIC & POLYMER IN 3D PRINTING"

16th MARCH 2019

REGISTRATION FORM

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

Amount :
DD No and Date :
Name of the bank :

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

ABOUT THE SEMINAR

Additive Manufacturing (AM) describes the technologies that build 3D objects by adding layer-upon-layer of material, whether the material is plastic, metal, ceramic or one day…..human tissue. The major applications of this technology include the fabrication of various kinds of models and prototypes, which are used for visual inspection, concept evaluation and presentation and functional testing in various stages of the product development process, and also serve as an indispensable tool for shortening product design and development time cycles. In addition to prototyping, it has shown its potential in other sectors also such as rapid manufacturing (RM) for the manufacturing of end user parts in small batches, rapid tooling (RT) for the fabrication of manufacturing tools or molds. Exposing researchers and industries to the applications in 3D printing through this seminar will enhance their understanding of the technology and be a pathway for future research.

REGISTRATION

- **Academicians : Rs.500**
- **Persons from Industries : Rs.1000**

The Registration fee should be paid by Online Payment (NEFT Transfer) . The Bank details are,

A/C No : 10496975411

IFSC Code: SBIN0006463.

DATES TO REMEMBER

Last date of Registration : 10.03.2019
Selected Participant Intimation : 11.03.2019

PATRON

Dr.M.K.SURRAPA
The Vice-Chancellor
Anna University

CHAIRMAN

Dr.J.KUMAR
Registrar
Anna University

CO-CHAIRMAN

Dr.S.MEENAKSHI SUNDARAM
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
Associate Professor

VENUE

Raman Auditorium, A.C. Tech, Anna University,
Chennai-600 025

CONTACT DETAILS

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ONE DAY SEMINAR

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Organized by

Department of Ceramic Technology
Alagappa College of Technology
Anna University::Chennai-600 025