OBJECTIVE

Five-day workshop on "3D Printing and Allied Technologies" is aimed at enriching the skills and knowledge of students, professionals, and researchers with cutting-edge research, fundamental understanding, recent industrial development, and on-going research of the subject.

WORKSHOP CONTENT

- A brief description about various 3D Printing processes
- Introduction to the allied technologies of 3D Printing
- Introduction to the Hybrid Manufacturing Processes
- A brief introduction to the Rapid Casting process
- Providing hands-on experience with the equipment used for 3D Printing
- Providing hands-on training in CAE and CAPP packages used for 3D printing.

EXPECTED BENEFICIARIES

The program is open to faculty, research *scholars,* and students from all the colleges and universities. Industry personnel working in the concerned/allied discipline may also apply.

HOW TO APPLY?

An Application form has been attached in the end of this flyer. A scanned copy of duly signed application form has to be submitted to the workshop coordinator via email. For more details, visit:

Website: https://sites.google.com/site/3dprintingteqipiitg/

No *registration and* accommodation *charges*

IMPORTANT DATES

Last date of registration: 10/12/2019
Intimation of selection (by e-mail): 15/12/2019

Attractive Features

- One-day hands-on training in a CAE package for 3D Printing.
- One-day hands-on training in a CAPP package for 3D Printing.

TEQIP WORKSHOP COORDINATOR

Dr. Sajan Kapil

Assistant Professor
Department of Mechanical Engineering
Indian Institute of Technology Guwahati
Guwahati – 781039, Assam, India
Tel: 0361-2582652
E-Mail: sajan.kapil@iitg.ac.in

3D Printing and Allied Technologies

6th -10th January 2020

Department of Mechanical Engineering
Indian Institute of Technology Guwahati
Guwahati – 781039
Assam, India

SPEAKERS

- Prof. K. P. Karunakaran, Department of Mechanical Engineering, IIT Bombay.
- Prof. U.S. Dixit, Department of Mechanical Engineering, IIT Guwahati.
- Prof. Amarendra K. Das, Department of Design, IIT Guwahati
- Prof. S. Kanagaraj, Department of Mechanical Engineering, IIT Guwahati
- Prof. Samit Bhattacharya, Department of Computer Science and Engineering, IIT Guwahati
- Prof. Biman B. Mandal, Department of Biosciences and Bioengineering, IIT Guwahati.
- Dr. S.N. Joshi, Department of Mechanical Engineering, IIT Guwahati.
- Dr. Swarup Bag, Department of Mechanical Engineering, IIT Guwahati
- Dr. Sajan Kapil, Department of Mechanical Engineering, IIT Guwahati
- Mr. Anil Kumar, Lead Engineer, Ansys Inc., Pune

FINANCIAL ASSISTANCE

Participants (from AICTE Recognized & Govt. Institutions only) *can get* TA *from their respective institutes* as per eligible category & *rules and regulations of TEQIP. There will be no* registration and accommodation charges

BOARDING AND LODGING

Boarding and lodging facilities will be provided for the candidates in the hostel or guest house (based on availability) of the Institute during workshop period as per the rules and regulations of TEQIP. Separate accommodation will be provided for male and female candidates.

VENUE

The workshop will be organized in the seminar hall complex of IIT Guwahati.

Chandan Mahanta

ABOUT IIT GUWAHATI

The campus of IIT Guwahati is spread over 285 hectares of land on the north bank of River Brahmaputra at around 20 km from the Guwahati city. With the majestic Brahmaputra on one side, and with hills and vast open spaces on others, the campus provides an ideal setting for advanced learning and research. Guwahati city is gateway to beautiful North-Eastern region of the country and linked with all major cities by rail, road and air. The scenic panorama of the valley, the remarkable architecture, the local points of art and culture have made the city to one of the most popular destinations in the country. The temperate in the city during the period of workshop varies from 10-15 °C.

1. **Name (Block Letters):**

2. **Designation:**

3. **Organization:**

Applicant's

Photograph

4. **Date of Birth:**

5. **Gender: Male** ☐ **Female** ☐

6. **Category: General** ☐ **OBC** ☐ **SC/ST** ☐

7. **Academic Qualification:** (Please tick)

(a) **B. Tech** ☐

(b) **M. Tech** ☐

(c) **Ph.D.** ☐

8. Specialization:

9. Experience (if any):

10. Address for Communication: _____

_____**Pin Code**_____

Mobile: **Telephone:**

Email:

Place:

Date: **Applicant's Signature**