

A Five-Day Online Faculty Development Programme on

DIGITAL ADDITIVE MANUFACTURING (3D PRINTING)

6th – 10th, September 2021

Call for Registration and Participation

Coordinators

Dr. A. Manmadha Chary
Dr. Barla Madhavi



Organized by the
Department of Mechatronics Engineering
IcfaiTech (Faculty of Science and Technology)
ICFAI Foundation for Higher Education (IFHE),
Hyderabad-501203

About the program:

The Primary objective of this course is to explore the fundamentals and advances in 3D printing by providing a common platform to interact with the experts of the field. The contents include introduction to advanced techniques used in additive manufacturing, their end applications, and recent developments. This course will be a platform to gather, provide clear cut ideas regarding 3D printing and its use in biomedical, automobile and aerospace to researchers who are working and planning to work in this field. The program also motivates research ideas with practical applications by the experts in this field of research.

This program has been designed to address the nuances of online teaching in detail and help the attendees to develop & deliver online content professionally. The FDP will provide the attendees with hands-on experience on various AM technologies and exposure to applications of AM in different domains.

Objectives:

- ✓ To create awareness about the state-of-the-art technologies in AM.
- ✓ To learn the CAD & medical modelling, build-setup preparation for AM machines through hands-on sessions.
- ✓ To enable participants to select right technologies and materials for fabricating parts.
- ✓ To provide exposure to various plastic and metal based AM machines through online demos.
- ✓ To enable participants to design/develop the industrial, real-life, and pedagogical applications.

Program Contents:

- Additive Manufacturing Processes
- AM Software & Topology optimization in AM
- 3D Digitizing & Reverse Engineering
- Design for AM and its applications
- AM applications in Automotive, Aerospace, Medical and Electronics industries etc...
- Hands-on practice on AM software's and Bio-CAD modelling
- Demo on various AM machines

Registration is open to:

This program is open to the Faculty members, Professionals involved in industry, Research Scholars, Post-Graduate and Graduate students.

Resource Persons:

Eminent personalities and experts from IITs, NITs, Industries and R&D Centers will be delivering the lectures. Additionally, highly experienced and learned faculty members of the Mechatronics Department of IcfaiTech will handle few sessions.

- Dr. U. Chandrasekhar, Program Director, AddWize at Wipro-3D, Bangalore.
- Dr. K. Guruprasad Rao, Director & Mentor, Imaginarium, Mumbai.
- Dr. S.V.S Narayana Murthy, Vikram Sarabhai Space Center, Trivandrum.
- Dr. Dheepa Srinivasan, Research Scientist, GE Power, Bangalore.
- Dr. Gururaj Telsang, Scientist-E, ARCI Hyderabad.
- Dr. Dr. K. P. Karunakaran, IIT Bombay.
- Dr. Nor Aiman Sukindar, IIUM Malaysia.
- Dr. Y. Ravi Kumar, NIT Warangal.
- Dr. Sriram Venkatesh, Osmania University.
- Dr. L. Siva Rama Krishna, Osmania University.
- Dr. A. Manmadha Chary, IFHE Hyderabad.
- Mr. K. Rakesh, VSD3D Enterprise, Hyderabad.

Registration:

The registration for the FDP program is through online mode by filling the details in google form using the link appended below.

Link:

https://docs.google.com/forms/d/e/1FAIpQLSfLghZZURTNtoUb8PuCo32vL3GPtwJf18mr8B_2mvOyRDPSUA/viewform?usp=sf_link

The FDP program will be offered in online mode and is limited to 50 participants. It is compulsory to attend all the sessions without fail to receive the digital certificate. The link for attending the online sessions will be shared after completing the registration.

LAST DATE for registration: 02-09-2021

Registration Fee:

Category of participants	Fee details
Faculty Members	Rs. 200/-
Research Scholars	Rs.150/-
PG & UG students	Rs.100/-

Registration fee need to be remitted through On-line / NEFT to the Bank account given below. Scanned copy of the Proof of remittance of the requisite registration fee (with transaction number if online transaction)

Account Name	IFHE-Seminars & Workshops A/C
Account Number	020201007037
Bank	ICICI Bank
Branch	Punjagutta
IFSC	ICIC0000202
NEFT code	ICIC0000202

Confirmation of Participation:

On receipt of the registration form along with proof of payment of registration fee, eligible participants will be sent a confirmation of their participation through e-mail. Participants are requested to register at the earliest. E-Certificate of participation will be issued to all the participants.

About ICFAI University:

ICFAI was established in 1984 as a not-for-profit society with the broad objective of empowering citizens through world class quality education. ICFAI has established 11 Universities across India. The ICFAI Universities are located at Hyderabad [The ICFAI Foundation for Higher Education (IFHE), which is a Deemed University], and Dehradun, Himachal Pradesh (Baddi), Jaipur, Jharkhand, Meghalaya, Mizoram, Nagaland, Raipur, Sikkim and Tripura are state established private Universities.

About IFHE Hyderabad:

The ICFAI Foundation for Higher Education is a deemed University established under section 3 of UGC Act, 1956. It has evolved a comprehensive student-centric learning approach consisting of several stages, designed to add significant values to the learner's understanding in an integrated manner, covering relevant knowledge, practical skills and positive attitudes. The University is a member of the Association of Indian Universities (AIU) and Association of Commonwealth Universities (ACU). IFHE offers UG, PG and Ph.D. programs in different wings Business (ICFAI Business School), Science and Technology (IcfaiTech), Law (ICFAI Law School).

About IcfaiTech:

IcfaiTech (Faculty of Science & Technology) is a constituent of The ICFAI Foundation for Higher Education (IFHE). IcfaiTech aims at nurturing graduates and researchers who are critical thinkers, creative and have a holistic education experience. At the first degree and higher degree levels, students are given the flexibility to choose their academic courses from a wide range of electives offered to them. Innovative methods of teaching, cutting-edge curriculum, workshops and internships further broaden the intellect and global outlook of our students.

About Department of Mechatronics Engineering:

The Department of Mechatronics Engineering offers Undergraduate, Post-graduate and Ph.D. programs. The department is equipped with state-of-the art facilities and all the faculty members of the Department are doctorates from IITs, NITs and other reputed universities.

Chief Patron:

Dr. J. Mahender Reddy
Vice Chancellor-IFHE Hyderabad

Patrons:

Dr. V. Panduranga Rao
Advisor, ICFAI Group

Prof. U.B. Desai
Research Advisor, ICFAI Group

Dr. M. Srinivasa Reddy
Director, IcfaiTech, FST, Hyderabad.

Dr. A Vadivel
Dean – IcfaiTech, FST, Hyderabad.

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Dr. Syed Quadir Moinuddin
Mr. CH. Venugopal
Ms. Priyanka Chatteraj
Mr. Avinash Malladi