

APPLICATION FORM

**One Week Faculty Development Program
on
LATEST TRENDS IN ADDITIVE
MANUFACTURING**

Jan 29th to Feb 2nd, 2024

1. Name:
2. Date of birth:
3. Designation:
4. Institution:
5. Address for communication:

6. Contact No:
7. E-mail ID:
8. Educational qualifications:
9. Area of specialization/interest:

10. Years of experience:

- Teaching: Industry:

DECLARATION

The information furnished above is true to the best of my knowledge. I agree to abide by the rules and regulations governing the course and attend the course for the entire duration.

Place:

Signature of the applicant

Date:

SPONSORSHIP CERTIFICATE

Certified that Dr./Mr./Ms.....
.....is an employee of
our institute and is hereby sponsored for FDP on “ **Latest Trends in Additive Manufacturing**” at BMS College of Engineering during the period Jan 29th to Feb 2nd, 2024. He/she will be permitted to attend the course, if selected.

Place:

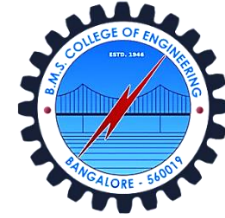
Signature of the Sponsoring

Date:

Authority (with seal)

REGISTRATION LINK:

<http://tinyurl.com/33eh7zsj>



**One Week Faculty Development Program
on
LATEST TRENDS IN ADDITIVE
MANUFACTURING**

Jan 29th to Feb 2nd, 2024

Sponsored by

**National Centre for Additive Manufacturing
(NCAM), Government of India**



Organized by

**Department of Mechanical Engineering
B.M.S. College of Engineering
Bengaluru - 560 019**

ABOUT THE COURSE

This course is offered as Faculty Development Programme on Additive manufacturing or 3D printing which enables businesses to accelerate design finalization, reduce material wastage and speed up production. With end-to-end automation of production lines with 3D printing, the technology advances existing factories into a smart factory. On the other hand, additive manufacturing companies leverage hardware, software, and materials innovations to improve the 3D printing efficiency. This FDP aims to elaborate on the latest additive manufacturing trends like powder bed fusion, additive manufacturing automation, Novel materials, VAT Polymerization, Direct Energy Deposition, Material Extrusion, Advanced 3-D printers, High volume production, Binder jetting & Rapid prototyping. They range from high-throughput 3D printing techniques and novel materials to additive manufacturing automation and high-volume production.

ABOUT THE INSTITUTE

BMS College of Engineering was founded in the year 1946 by Late Shri B M Sreenivasaiiah, and nurtured by his illustrious son, Late Shri B S Narayan. BMSCE is the first private sector initiative in Engineering Education in India. BMSCE is in the field of Engineering Education over 7 decades of dedicated service. BMSCE today offers 18 Under Graduate & 11 Post Graduate courses, both in conventional and emerging areas. At present, 15 Departments are recognized as Research Centers offering PhD/MSc Engineering by Research in Science, Engineering, Architecture and Management. BMSCE is the first institution in the country bestowed with NBA Accreditation in Tier I Format (Washington Accord).

ABOUT THE DEPARTMENT

The Department Mechanical Engineering was one of the three branches started when BMS College of Engineering, established in 1946. In the past seven decades, the department has seen lot of progress in academics, research and consultancy activities. The department offers UG program & PG program namely M. Tech. in Machine Design. UG program (in 2008) and PG program (Machine) are granted academic autonomy by VTU, which enabled to have our own curriculum to enhance knowledge, skills and attitudes in students. The department was recently accredited in 2022 for 6 years under Tier 1 cycle 2 of Washinton Accord.

ABOUT NCAM

The National Centre for Additive Manufacturing (NCAM) is a company registered under section 8(1) of the Companies Act 2013. The NCAM was established by the Ministry of Electronics and Information Technology, Govt. of India, and ITE&C Department, Govt. of Telangana in partnership with industry. It is conceptualized with a vision to create and enable a sustainable ecosystem for product innovation in India with an emphasis on research, design, development, and testing through collaborative efforts between academia, industry, and government using the disruptive technology of Additive Manufacturing.

OBJECTIVES AND OUTCOMES OF FDP

Additive Technology Enhancement Program (ATEP) with NCAM is a Faculty Development Programme (FDP) designed for imparting

- **Technical proficiency:** to update the participants about the Additive Manufacturing (AM) concepts, technologies, designing and use of software, material aspects and AM applications
- **Latest advancements, research, innovation in the AM Industry:** acquire knowledge about current technological developments in additive manufacturing (AM), upcoming trends and challenges in the AM Industry.
- **Curriculum development:** enhance their teaching skills through use of best pedagogical tools in AM Technologies curriculum
- **Hands on training:** impart practical skills relevant to the additive manufacturing processes to enable participants to use 3D printer and print parts

EMINENT SPEAKERS

Prof. Manish Arora, IISc Bengaluru
Prof. V Jayaganthan, IIT Madras
Dr. Ram Prabhu, Scientist, DRDO
Dr. Kavitha Subramanian, CMTI, Bengaluru
Dr. Franklin, Prime-AM, Chennai
Dr. Kiran, 3D-Skyroot, Hyderabad
Mr. Suhaib Abdur Rahman, Wipro 3D, Bengaluru
Ms. Akshatha Dayananda, Wipro 3D, Bengaluru
Mr. Bhanuprakash, Wipro 3D, Bengaluru

Mr. Krishna Mohan D, Dassault Systemes, Bengaluru
Mr. Sreekanth N V, Dassault Systemes, Bengaluru
Prof. A R Anil Chandra, BMSCE, Bengaluru

CHIEF PATRONS

Dr. B S Ragini Narayan, Donor Trustee, BMSET
Dr. Dayanand Pai, Chairman, BMSCE
Sri. Aviram Sharma, Trustee, BMSET
Sri. Ravi Venkatesam, Trustee, BMSET

PATRONS

Dr. S Muralidhara, Principal, BMSCE
Dr. Suresh Ramaswamyreddy, Vice-Principal (Aca), BMSCE
Dr. Bheemsha, Vice-Principal (Admin), BMSCE

ADVISOR

Dr. G.Giridhara, Professor and Head, Department of Mechanical Engineering, BMSCE

COPRDINATORS

Dr. G. Saravanakumar
Dr. Bharathi.V

WHO CAN ATTEND: Faculty from other institutions, host institution, Research Scholars, Students, People from Industry

REGISTRATION

The number of participants is limited to 40. The selection is based on first come first serve basis. Last date to register is 20/01/2024.

REGISTRATION FEE

No registration fees.

ADDRESS FOR CORRESPONDENCE

Dr. G. Saravanakumar/Dr. Bharathi. V
Coordinators

FDP on “Latest Trends on Additive Manufacturing”
Department of Mechanical Engineering
BMS College of Engineering, Basavanagudi,
Bengaluru - 560019

Phone: 9449825796 / 9880264435

gurusaravana.mech@bmsce.ac.in / bharathi.mech@bmsce.ac.in