

APPLICATION FORM  
**Two weeks Faculty Development Program**  
on  
**Advanced Manufacturing**

Sponsored by  
TEQIP-III  
Jan 1 to Jan 12, 2018

**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. I will submit the registration fee on or before 27-12-2017.

**BMS College of Engineering**  
**Bengaluru-560019**  
**Two weeks Faculty Development Program**  
On  
**Advanced Manufacturing**

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

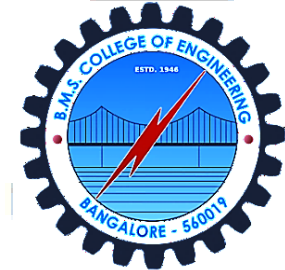
Place: \_\_\_\_\_ Signature of the applicant  
Date: \_\_\_\_\_

**SPONSORSHIP CERTIFICATE**

Certified that Dr./Mr./Ms. ....  
is an employee of our institute and is hereby sponsored for FDP on “**Advanced Manufacturing**” at BMS College of Engineering during the period Jan 1 to Jan 12, 2018. He/she will be permitted to attend the course, if selected.

Sponsored by  
TEQIP-III

Jan 1 to Jan 12, 2018



*Organizers*

**Center of Excellence in Advanced Materials Research**  
**Department of Mechanical Engineering**  
**BMS College of Engineering**  
**Bengaluru-560 019**

6. Contact No:
7. E-mail ID:
8. Educational qualifications:
9. Area of specialization/interest:
10. Years of experience:
- Teaching: \_\_\_\_\_ Industry: \_\_\_\_\_
11. DD /NEFT Details:

Place: \_\_\_\_\_ Signature of the Sponsoring  
Date: \_\_\_\_\_ Authority (with seal)

## INTRODUCTION

Manufacturing industry is the backbone of any modern economy. Manufacturing Engineering is associated with providing the processes and systems to meet the demands of customers. India is emerging as one of the key manufacturing hub and there is considerable demand from industry for manufacturing engineers capable of meeting the challenging requirements. Characterization is a process by which a material's structure and properties are probed and measured. It is a fundamental process in the field of materials science, without which no scientific understanding of engineering materials could be ascertained.

In view of this, this FDP will shine light on current developments in manufacturing, materials field and characterization processes with hands on training on advanced manufacturing equipment and characterization equipment.

## BMS COLLEGE OF ENGINEERING

BMS College of Engineering was founded in the year 1946 by Late B M Sreenivasaiyah, and nurtured by his illustrious son, Late 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 13 Under Graduate & 16 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. First Institution in the state bestowed with NBA Accreditation in Tier I Format (Washington Accord). World Bank funded TEQIP Phase I and Phase II Institute and Partner Institution of the Melton Foundation, USA which advocates Global Citizenship. Autonomous Institute (UGC approved) since 2008.

## CENTRE OF EXCELLENCE IN ADVANCED MATERIALS RESEARCH

Centre of Excellence in Advanced Materials Research initiative will support long-term materials research and development leading to potential breakthroughs in areas such as Synthesis, Characterization and Processing of Nano Composites, Polymer Composites, Phase Change Memory Materials and their application in the manufacturing of relevant industrial components. This initiative addresses development of a balanced infrastructure for Under Graduate and Post Graduate education and training of human resource in future advanced materials. COE also foster institute-industry collaborative efforts to develop programs, partnerships and joint ventures

which will build on the strengths of each and thus creating new opportunities for leadership in high quality research and innovation in advanced materials.

## OBJECTIVES AND OUTCOMES OF FACULTY DEVELOPMENT PROGRAM

- To create awareness about the current research in Manufacturing and Materials
- To highlight the importance of material characterization
- To familiarize the participants with the latest manufacturing and characterization equipment

## COURSE CONTENT

- Advanced Materials and Manufacturing methods
- Characterization techniques
- Hands on experience on AWJC, XRD & SEM
- Industry Interaction

## RESOURCE PERSONS

The faculty for the course will be from IISc, IITM, other Premier Institutes, industries and in-house experts.

## CHIEF PATRONS

Dr. B. S. Ragini Narayan, Donor Trustee, BMSET  
Dr. P. Dayanand Pai, Chairman, BMSCE  
Sri. K. Jairaj IAS (Retd.), Trustee-BMSET

## PATRONS

Dr.K.Mallikharjhuna Babu, Principal  
Dr.B.V.Ravi Shankar, Vice Principal & TEQIP-III Coordinator

## ORGANISING CHAIR

Dr.Bheemsha, Prof & Head, Dept of Mech. Engg

## CHIEF COORDINATORS

Dr. S.Srinivas, Associate Professor  
Dr. Tataram K Chavan, Assistant Professor

## ORGANISING COMMITTEE

Dr. L.Ravikumar, Professor & Nodal officer (ACA) TEQIP-III  
Dr. M. Ramachandra, Professor and Coordinator, COE  
Dr. Rudra Naik, Professor  
Dr. Murugendrappa M V, Associate Professor and PI, COE

## COORDINATORS

Dr B.N. Sarada, Assistant Professor  
Dr. Vardhaman Mudakappanavar, Assistant Professor  
Smt.V Bharathi, Assistant Professor  
Mr.Prabhu Swamy N.R, Assistant Professor  
Mr Dilip Maruthi, Assistant Professor

## WHO CAN ATTEND

Mechanical & Metallurgical Engineers from industry, faculty of Mechanical, Manufacturing & Metallurgical Engineering and researchers working in the area of materials and Manufacturing can attend this program.

## REGISTRATION FEE

Faculty of academic Institutions - Rs. 2000/-  
Students/Research Scholars - Rs. 800/-  
Industry participants - Rs. 4000/-

## IMPORTANT DATES

Last date for receipt of application: 27-12-2017

## HOW TO APPLY

Apply in the prescribed format and post/scan and mail the application so as to reach on or before the last date. Registration fee can be paid through DD/NEFT. DD should be drawn in favor of **FDP ADVMNF**, BMS College of Engineering, payable at Allahabad Bank, Hanumanthanagar, Bengaluru-560019. For NEFT transfer, use the following details.

Account Name: FDP ADVMNF  
Account Number: 50418392435  
ISFC Code: ALLA0212011  
Branch: Allahabad Bank, Hanumanthanagar, Bengaluru 560019

## Address for correspondence

**Dr. S. Srinivas/ Dr. Tataram K Chavan**

Chief Coordinators, FDP on Advanced Manufacturing  
Department of Mechanical Engineering  
BMS College of Engineering, Basavanagudi,  
Bengaluru-560019

Phone: 08880377627/09448521968

E-mail: [drss.mech@bmsce.ac.in](mailto:drss.mech@bmsce.ac.in) / [tkc.mech@bmsce.ac.in](mailto:tkc.mech@bmsce.ac.in)