

One-week STTP on
Finite Element Analysis and Simulation
8th – 12th January, 2018

Registration Form

Name: _____

Date of Birth: _____

Designation: _____

Institution: _____

Address for Correspondence:

Contact number: _____

E-mail ID: _____

Registration Fee Details:

DD No. & Date : _____

Bank: _____

Amount: _____

Declaration

The information furnished above is true to the best of my knowledge. I agree to abide by the rules and regulations governing the programme. If selected, I shall attend the course for the entire duration. I will submit the registration fee on or before 8th January 2018.

Place:

Date:

Signature of the applicant

Sponsorship Certificate

Certified that Dr./Mr./Ms. _____
is an employee of our institute and is hereby sponsored for STTP on Advances in Finite Element Methods and its Applications at BMS College of Engineering to be held during the period 8th January – 12th January, 2018. He/she will be permitted to attend the course, if selected.

Place:

Date:

Signature of the Sponsoring
Authority (with seal)

Important Dates for application

Last date for receipt of application: 3rd January 2018

Intimation about Selection: 4th January 2018

Last date for receipt of DD: 8th January 2018

Address for Correspondence

Dr. Shivashankar R. Srivatsa
Department of Mechanical Engineering
B. M. S. College of Engineering
Bull Temple Road, Bengaluru – 560019, Karnataka.
Mobile: +91-9448200887
E-Mail: shivashankarsrivatsa.mech@bmsce.ac.in

One-week Short Term Training Programme
on
Finite Element Analysis and Simulation

8th January – 12th January 2018

Supported by

TEQIP-III



Organized by

Department of Mechanical Engineering



B. M. S. College of Engineering

(An Autonomous Institution Affiliated to VTU)

Bull Temple Road, Bengaluru -560 019.

Ph: 080-26622130-135

www.bmsce.in

About the Programme

Finite element method (FEM), a branch of applied mathematics and computational mechanics, has been adopted widely in engineering applications and scientific research. Significant developments in FEM over the past few decades pose key technical challenges. These issues attract researchers to invest great efforts in developing novel principles, techniques, schemes, and algorithms to improve precision, efficiency and applicability of the conventional FEM.

The focus of this programme is on the latest developments and applications in the field of FEM with an emphasis on solving various problems encountered in the areas of civil and mechanical engineering. The programme comprises of lecture sessions and hands-on laboratory sessions. Applicability of the method and formulation procedures will be dealt through expert lectures and step-by-step computer implementation of the methods and use of various commercial packages will be covered in laboratory.

Objectives of the programme

- Develop methodological basis in finite element method
- Provide hands-on experience to solve problems using general-purpose finite element codes
- Prepare Course content for Lectures and Laboratory in mechanical engineering disciplines
- To train the faculty in the field of finite element analysis and simulation
- Create platform for interaction with experts and professionals in the field

Course contents

- Problems on Bars
- Problems on Trusses
- Problems on Beams
- Problems on Plate

Resource persons

Professors and Researchers drawn from IISc, IITs, NIT, BMSCE and R & D Institutes will deliver expert lectures. Industry professionals will be providing exposure to software tools.

Who can attend the programme?

This programme is aimed at academicians and industry personnel to promote research in the field of applied mechanics. It also provides an opportunity for collaborative academic/research work. This STTP is offered for faculty, research scholars & post graduate students from Science, Engineering/Polytechnic colleges, and industrial personnel.

Registration fee

Students/Research Scholars	Rs. 500/-
Faculty of Academic Institutions	Rs. 1,000/-
Industry Participants	Rs. 2,000/-

Registration fee is to be paid by DD drawn in favour of "FEAS-2017, BMSCE", payable at Bengaluru.

Accommodation

Accommodation will be provided in the college hostel for the outstation participants on prior request on first cum first served basis subject to the availability.

About BMSCE

BMS College of Engineering is the first private engineering college in India, established by the great visionary and philanthropist, Late Sri. B. M. Sreenivasaiah in the year 1946, located near the historical Bull Temple in Basavanagudi, in the centre of Bangalore, Karnataka. BMSCE is an autonomous institute affiliated to Visvesvaraya Technological University and approved by AICTE, New Delhi. BMSCE is currently offering 13 undergraduate and 16 post-graduate programmes besides being an active research centre for different disciplines. The college is a beneficiary of World Bank funding under TEQIP phase-I and phase-II.

About Departments

The Department of Mechanical Engineering established in 1946 are bestowed with NBA accreditation Tier-I (Washington accord) for five years each. The departments have well equipped laboratories, workshops, and research facilities funded by various organizations. Both departments are recognized research centres by VTU, and minor QIP Centres for Ph.D. program by AICTE. The major research areas in Department of Mechanical Engineering are in the field of Structural Dynamics, Composite materials, MR Fluids, Smart Materials & MMC, Thermo acoustic Refrigeration, fatigue & fracture, etc.

Chief Patrons

Dr. B. S. Ragini Narayan, Donor Trustee, BMSET

Dr. P. Dayananda Pai, Chairman, BOG, BMSCE

Sri. K. Jairaj, IAS (Retd.), Trustee, BMSET

Patrons

Dr. K. Mallikharjuna Babu, Principal, BMSCE

Dr. B. V. Ravishankar, Vice Principal, BMSCE

Organizing Chair

Dr. Bheemsha, Head, Dept. of Mech. Engg., BMSCE

Coordinators

Dr. L.Ravikumar, Professor, Dept. of Mech. Eng., TEQIP Coordinator, BMSCE

Dr. J. Sharana Basavaraja, Associate Professor, Dept. of Mech. Eng., BMSCE

Dr. Shivashankar R. Srivatsa, Assistant Professor, Dept. of Mech. Eng., Mobile: +91-9448200887

E-Mail: shivashankarsrivatsa.mech@bmsce.ac.in

Prof. Rajesh.P, Assistant Professor, Dept. of Mech. Eng., Mobile: +91-9620208877

E-Mail: rajeshp.mech@bmsce.ac.in

Prof. Shashiraj, Assistant Professor, Dept. of Mech. Eng. Mobile: +91-9986363495

E-Mail: shashiraj.mech@bmsce.ac.in