DECLARATION BY THE APPLICANT

The information furnished in the registration form is true to the best of my knowledge and belief. I agree to abide by the rules and regulations governing TEQIP sponsored STTP on ‘Applications of Modeling and Simulation Techniques in Mechanical Engineering’ and will attend the programme for the entire duration, if selected.

Place: 
Date: 
Signature of Applicant

SPONSORSHIP CERTIFICATE

Certified that Dr/Mr/Ms-------------------------is an employee of our Institution and is sponsored to attend the TEQIP sponsored STTP on ‘Applications of Modeling and Simulation Techniques in Mechanical Engineering’, if selected.

Place: 
Date: 
Signature and seal of sponsoring authority

ADDRESS FOR COMMUNICATION

Dr. M. PUGAZHVADIVU
Dr. B. PRABU

Coordinators,
Dept. of Mechanical Engineering,
Pondicherry Engineering College,
Pillaichavady, Puducherry, 605 014
Mobile: +91-94877 79159, +91-94427 86367
E-mail: pv_pec@yahoo.com
prabu@pec.edu

ABOUT THE INSTITUTION

Pondicherry Engineering College (PEC) is 31 years old Institution promoted and fully funded by the Government of Puducherry. The college was started in the academic year 1985–86 under the seventh plan. The college has signed several MOU’s with leading International/National Institution/Organizations of Eminence and is actively involved in various research projects. PEC now offers 8 undergraduate and 11 post graduate courses, apart from Full Time/Part Time M.Phil. and Ph.D Programmes. The National Board of Accreditation (NBA) has accredited all the 8 undergraduate courses. The college is situated about 12 km north of Puducherry and about 150 km south of Chennai along the scenic East Coast Road (ECR) on the shores of the Bay of Bengal. The lush green campus of great scenic beauty and picturesque environment forms an excellent setting for the pursuit of studies in Engineering, Science and Technology.

ABOUT THE DEPARTMENT

The Department of Mechanical Engineering was started in the academic 1985–86. The department is offering UG course B.Tech in Mechanical Engineering and two PG courses namely M.Tech (Energy Technology) and M.Tech (Product Design and Manufacturing) and Ph.D (Full Time and Part Time) programs. The department has a team of highly qualified and dedicated faculty members. The department has laboratories with modern and state of the art equipments, excellent computing facilities and library with adequate volumes of books. The department also has been recognized as a minor QIP Centre for pursuing PhD program. The Alumni of our department are spread far and wide across the globe holding eminent positions in Industries, Academia and R&D.

ABOUT PUDUCHERRY

The history of Puducherry goes back to the Roman times but factually started with the arrival of the French in 1683 who founded the town and went on to build it to its present form, during their rule for about two and half centuries. The coastal town of Puducherry with the French ambience is known for the serene atmosphere. Sri Aurobindo Ashram and the nearby Auroville International Township lend a unique spiritual flavor to the city. There is a blend of spiritual aura French colonial heritage, Tamil culture (Memorials of Poet Bharathiyar and Poet Bharathidasan), Sri Manakula Vinayagar temple, Chinnambiar boat house, Chidambarm Nataraja temple etc., are some of the major tourist attraction in and around Pondicherry.

TEQIP-II
SHORT TERM TRAINING PROGRAMME (STTP)
ON
APPLICATIONS OF MODELING AND SIMULATION TECHNIQUES IN MECHANICAL ENGINEERING
25th to 29th April 2016

Organized by
DEPARTMENT OF MECHANICAL ENGINEERING
PONDICHERY ENGINEERING COLLEGE
PUDUCHERRY- 605 014.
website: www.pec.edu

Coordinators
Dr. M. PUGAZHVADIVU
Dr. B. PRABU
ABOUT THE COURSE
Modeling and simulation techniques play a significant role in all fields of Mechanical Engineering. It facilitates simulation of a physical phenomenon or analysis of experimentally obtained data, which invariably leads to superior understanding of the subject concerned. Various simulation and modeling techniques can be used for classroom demonstration of subtle concepts in the syllabus. Moreover, faculty would be able to develop the necessary infrastructure with an affordable amount of investment once they are familiar with the basic modeling and simulation technique in their research activities. The primary objective of the proposed short term course is to familiarize the participants with the various modeling and simulation techniques with their use in real-life application problems in Mechanical Engineering. The course modules are based on lectures, tutorials/practical sessions.

TOPICS TO BE DISCUSSED IN THE PROGRAMME
- Regression Analysis
- Design of Experiments/Robust Techniques
- Finite Element Method
- Computational Fluid Dynamics
- Optimization Techniques

RESOURCE PERSONS
Faculty from NIT, Pondicherry University, PEC and from R&D sector will deliver the lecture.

ELIGIBILITY
The course is open to faculty members of Mechanical Engineering who are working in Engineering/Polytechnic Colleges. Engineers from Industries are also eligible to apply. Admission will be offered subject to the availability based on TEQIP guidelines.

HOW TO APPLY
Duly filled in application form, as per the given format and duly recommended/sponsored by the competent authority should reach the coordinator on or before 18-04-2016. Registration form can also be downloaded from www.pec.edu. Advance copy by email shall be accepted subject to confirmation.

IMPORTANT DATE
- Last date for receiving application through proper channel: 18.04.2016
- Intimation of selection: 20-04-2016

ACCOMMODATION
Free boarding for all and Free lodging will be provided to the outstation participants only on request.

APPLICATIONS OF MODELING AND SIMULATION TECHNIQUES IN MECHANICAL ENGINEERING
25th to 29th April 2016

Name:
Date of birth and age:
Qualifications (with specialization):
Teaching Experience (years):
Designation:
Department:
Institution:
Address for communication (with PIN code):
Office Phone No:
Mobile Phone No:
Email:
Accommodation required: YES/NO
Is your institution approved by AICTE/UGC: YES/NO