

OBJECTIVE

The program on "Piping Design and Simulation", aims at exposing the faculty of Mechanical/Chemical/Instrumentation engineering etc. to the latest simulation software used in Piping Engineering Industry. The knowledge gained helps the faculty to develop Industry Institute Interaction by way of consultancy, and helpful to train the students to cater the industrial needs and improve the employability.

MOTIVATION AND SCOPE

The use of computer by engineers has greatly revolutionized the design of piping used for plants and equipments in the chemical process industries. In addition, the availability of simulation software has reduced to a great extent the requirements of the programming languages. In this course, we will learn use of softwares for different kinds of Piping Engineering design problems. Today, at many places simulators are used, without adequate teaching and training.

WHO WILL BENEFIT?

This course is designed for those, who wish to gain expertise in Piping Engineering. The people from Mechanical/Chemical/Instrumentation industries as well as academicians from Mechanical/Chemical/Instrumentation engineering discipline would derive maximum benefit from this course.

COURSE CONTENTS

The program has 40 hours of lectures and practicals (computer simulation) spread over one week.

1. Scope of Piping Engineering
2. Codes and Standards
3. Piping Elements & Specialities
4. Mechanical Design Fundamentals

5. Pipe Hydraulics & Sizing
6. Piping Drawing Basics
7. Development of Plot Plan
8. Equipment Layout
9. Process Piping Layout
10. Utility Piping Layout
11. Flexibility Analysis
12. Selection of Supports & Expansion Joints

COMPUTATIONAL LAB

The participants will be given hands on experience in Piping layout design and piping stress analysis.

ABOUT INSTITUTE

This college was established in August 1990 with a mission to advance education in professional courses and to promote excellence in technical education and research. The institute is approved by AICTE, New Delhi and is affiliated to University of Mumbai. The Institute runs degree courses in Chemical Engineering, Computer Engineering, Electronics and Telecommunication Engineering, Instrumentation Engineering, Information Technology, Mechanical Engineering. With excellent teaching faculties and infrastructure the institute caters to the technical manpower requirement of the surrounding industrial zone. The highly experienced and professionally competent faculty members are also involved in the Continuing Education Program on, Piping Engineering and Computer Aided Design of Chemical Equipment to the students.

The Institute prepares students to meet the ever increasing technological and social changes with its tradition of self discipline, hard work .

Travel and Accommodation:

Candidates should make their own arrangements for travel. Accommodation will be provided on payment basis and on prior request.

One Week ISTE Approved STTP ON PIPING DESIGN AND SIMULATION

4 January 2010 - 8 January 2010

REGISTRATION FORM

Name : _____

Date of Birth : _____ Sex : M/ F _____

Designation : _____

Qualification : _____

Experience : _____

Institute : _____

Address for Correspondence : _____

Pin Code : _____

Phone : (O) _____ (M) _____

E-mail : _____

Whether accommodation is needed : Yes/ No

ISTE Membership No : _____

Delegate fee Rs _____ in cash / DD No: _____

Dated _____ Bank _____

Drawn in favour of "ISTE CHAPTER BVCOENM", payable at Mumbai.

Date : _____ Signature of the Candidate

RECOMMENDATION OF THE EMPLOYER

Mr./Ms. _____

Is an employee of our Institute and his/her application is hereby forwarded. The applicant will be permitted to attend the course.

Signature
(Head of the Institution)

Institute Seal

FACULTY

Course lectures will be delivered by the faculty from the Department of Mechanical Engineering, Department of Chemical Engineering and experts in the field of Piping Engineering Industry.

IMPORTANT DATES

Last date for receiving application	November 30, 2009
Confirmation of participation	December 15, 2009

FEES

Each participant will receive course material, the cost of which is included in the registration fee. This fee also includes refreshments and working lunch during the course days.

For ISTE members :	Rs. 3000/-
For Non-ISTE members :	Rs. 3400/-
(include ISTE membership fee Rs.400/-)	
For delegates from industries :	Rs. 10,000/-

Fees will be accepted by a cash/ demand draft in favour of, “ **ISTE CHAPTER BVCOENM**”, payable at Mumbai.

ORGANIZING COMMITTEE

PATRON

Dr. Vilasraoji Kadam

Director, Bharati Vidyapeeth Educational Complex,
Navi Mumbai.

PRINCIPAL

Dr. D. P. Mishra

Principal, Bharati Vidyapeeth College of Engineering,
Navi Mumbai

COORDINATORS

Dr. D. P. Mishra

Professor, Chemical Engineering Department

Prof. R. K. Agrawal

Lecturer, Mechanical Engineering Department

CO-COORDINATOR

Prof. Santosh M. Walke

Assistant Professor, Chemical Engineering Department

ADDRESS FOR CORRESPONDANCE

Prof. R. K. Agrawal

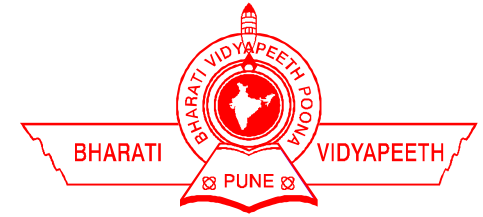
Lecturer, Mechanical Engineering Department,
Bharati Vidyapeeth College of Engineering,
Sector-7, C.B.D., Belpada, Navi Mumbai – 400614

Phone : (022) 27572140, 27571074 Ext: 117/ 118

Fax : (022) 27573196

Mobile : 9869372210

Email : ramkrishna.agrawal@bharatividyaapeeth.edu
rk.agrawal@rediffmail.com



ONE WEEK ISTE APPROVED

Short Term Training Program

ON

PIPING DESIGN AND SIMULATION

4 January 2010 - 8 January 2010



COORDINATORS

Dr. D. P. Mishra

Prof. R. K. Agrawal

Organized by

Department of Mechanical Engineering
and

Department of Chemical Engineering

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