

One Week ISTE approved STTP
On
Modeling And Simulations Of Manufacturing Systems
Organised By
Department of Production Engineering
Fr. Conceicao Rodrigues College Of Engineering

REGISTRATION FORM

Name: _____

Designation: _____

Institution: _____

Address: _____

Phone: _____

Email: _____

Details of Payment: **DD / Cheque / Cash**

(DD/Cheque can be drawn in favour of "Principal, Fr. C.R. College of Engineering", payable at Mumbai)

DD/Cheque No: _____ Date: _____

Bank: _____

Signature of Participant: _____

Date: _____

PATRONS

Rev. Fr. Peter D'Souza: Local Superior
Fr. Valerian D'Souza :Director
Dr. Srija Unnikrishnan :Principal

CONVENOR

Prof. D. S. S. Sudhakar
Head of Department,
Department of Production Engineering
Email : sudhakar@frcrce.ac.in

COORDINATORS

Prof. Ketaki Joshi – Asst. Prof.
Mob.: 9833192523
Email:ketaki.joshi@fragnel.edu.in

Prof. Deepika Singraur – Asst. Prof.
Mob.: 8369699147
Email: deepika.singh@fragnel.edu.in

VENUE

Department of Production Engineering
Fr. Conceicao Rodrigues College of Engg.

Phone: 022-67114000 Fax: 022-67114200
E-mail: crce@frcrce.ac.in
Website: <http://www.frcrce.ac.in>

National Level

One Week ISTE approved
Short Term Training Programme (STTP)

On

**Modeling And Simulations
of
Manufacturing Systems**

08th - 12th Jan. 2018

ORGANISED BY



Department Of Production Engineering
Fr. Conceicao Rodrigues College of
Engineering

ABOUT THE COLLEGE

Fr. Conceicao Rodrigues College of Engineering (CRCE), Mumbai is an 'A' grade college established in 1984 by the Society of St. Francis Xavier, and is named after its founder **Late Fr. Conceicao Rodrigues**.

Our College offers Bachelor Degree courses in **Production Engineering**, Electronics Engineering, Computer Engineering and Information Technology. The college also offers Masters and Doctoral courses in Electronics Engineering and Mechanical Engineering. The college is located at Bandstand, Bandra in a picturesque environment surrounded by the Arabian Sea. The Institute is approved by AICTE and affiliated to University of Mumbai.

VISION AND MISSION

"Moulding engineers who can build the Nation"

Fr. CRCE has been a center of excellence in engineering education, moulding engineers with state-of-the art technologies, innovative skills and human values matching with the growing expectations of corporates and society, and thus plays an effective role in nation building.

OBJECTIVES OF STTP

- Training participants to predict deficiencies before they occur to enhance efficiency in manufacturing systems using simulations
- Hands-on experience in manufacturing systems simulation softwares

COURSE CONTENTS

Theory Sessions:

- basics, significance, applications and recent research trends in manufacturing systems simulations
- Probability Distribution, Queuing and inventory modeling
- Manufacturing Strategy
- decision making / predictive analysis in manufacturing systems using simulations
- scheduling/ segmenting/balancing

Hands on Training Sessions:

- Manufacturing Systems Simulation Software Basics and advanced process
- Use of sets, Queue manipulations, Queue system Variables, Grouping, statistics and analysis
- Simulation Basics, Probability Distribution
- Time considerations, input data and statistical distribution
- Queuing and Inventory Modeling
- Scheduling/Sequencing/Balancing in Manufacturing systems
- Decision Making/predictive analysis
- Flexible Manufacturing Systems
- Assembly Line Simulations

TARGET AUDIENCE

- Faculty members from engineering disciplines such as Production, Automobile, Mechanical and Industrial Engineering.
- P.G. and Ph.D. students from Production, Automobile, Mechanical, Industrial Engineering.
- Professionals from Industry interested in area of Manufacturing System Simulations

KEY NOTE SPEAKERS

Prof. Jayendran Venkateswaran, IEOR, IIT, Bombay

Dr. Milind Akarte, IEMS, NITIE, Bombay

RESOURCE PERSONS

Dr. Arun B. Rane, Fr.CRCE

Dr. V.S. Bilolikar, Fr.CRCE

Dr.V.S.Jorapur, Fr.CRCE

Prof. Saurabh Korgaonkar, Fr.CRCE

REGISTRATION FEES

Participant fees : **INR 3,000/-**

Last Date of Registration : 5th January 2018
(Limited Seats : 20 only)