

ABOUT THE PROGRAM

Process Modeling and Simulation plays a major role in the operation and designing of a chemical process. These technologies and approaches throw up many challenges for researchers seeking to come to terms with the scope and diversity of the field. Process Simulation workshop has the potential to make an important contribution in appraising the current state of research and in providing advance approaches for the future development of the field. Process simulation entails the symbolic performance of process tasks by their assigned agents using the tools, systems, and resources to produce the designated products and can be effectively applied to almost all the core courses in chemical engineering.

The purpose of this program is to create an evolving framework for sharing experience and knowledge in which the participants have the possibility of effective cooperation. This workshop provides a research access point to the art and science of process modeling and simulation. It also equips with the skills and knowledge needed for optimizing the performance of Chemical processes, to fix the problems and the techniques needed to optimize the control loops. Mathematical Models are important as a means of obtaining a better understanding of chemical process phenomena. Models, when solved interactively by computer simulation, become much more understandable to non-engineers. MATLAB and SIMULINK will be used for the design of different types of processes such as chemical reactors, bioreactors, distillation columns,

heat exchangers, Crystallization processes etc. The lecture sessions are designed to provide the necessary theoretical background. The laboratory exercises include chemical engineering and other engineering problems, which might help the participant to understand the concepts.

RESOURCE PERSONS

The lectures will be delivered by expert members from IIT, NIT, & OU. In addition, a few experts will also be invited from other reputed Industries and R&D labs to deliver the lectures on various related topics.

ELIGIBILITY

This program is open to all the faculty of Chemical Engineering, Petroleum and Petrochemical Engineering, Research Scholars, PG students working in any Science / Engineering discipline from various Institutes, and people working in Industries and R&D Organizations scholars & PG Students.

- **NO REGISTRATION FEE**
- **FREE ACCOMMODATION**
- **LUNCH WILL BE PROVIDED FOR THREE DAYS.**
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ABOUT HYDERABAD

Hyderabad is known for its rich historical and cultural heritage like Golkonda Fort, Charminar, Salarjung Museum. It is situated at a distance of 1530 km from national capital. Hyderabad is well connected by rail and road & Air ways. Anurag Group of Institutions is 20 km away from Secunderabad railway station and 35 km from Rajiv Gandhi International Airport, Shamshabad

ABOUT THE INSTITUTION

Anurag Group of Institutions, Hyderabad, formerly known as CVSR College of Engineering, is one of the renowned institutions in the State of Telangana. It was established in 2002 by an educationist and visionary Dr. P. Rajeshwar Reddy, Ph.D. Over the years, the Institute has established itself as a premier Institution in imparting technical education of a very high standard, leading to the B.Tech degrees at under graduate level with seven branches of engineering, M.Tech degrees at post graduate level in various specializations of Engineering streams. The institute has been recognized by AICTE, PCI and NBA accredited. The institution is recognized by DSIR, New Delhi, as Research Centre

ABOUT THE DEPARTMENT

The Department of Chemical Engineering was established in the year 2004. The Department offers B.Tech in Chemical Engineering. Currently, the Department is headed by Dr M Mukundavani, assisted by 10 other faculty members, three of these have Ph.D qualification and one more teaching staff completed Ph.D work. The department has MOU with several Industries and National Laboratories. Department entered into MOU with Dr. Reddy's Laboratory for training their employees for a period of June 2013 to 31st May 2019. The department of Chemical Engg has been accredited by National Board of Accreditation, Government of India, under Tier-1 programme. Most of the staff members of the department are consultant to several local industries.

REGISTRATION FORM

A Three Day
Faculty Development Program
On
Modeling, Simulation and Optimization of
Chemical Processes
(MSOCP - 2016)

NOV 17th-19th, 2016

Name: _____

Designation: _____

Organization: _____

Mailing Address: _____

Telephone: _____

Fax: _____

Email: _____

Date: _____ Signature: _____

I hereby forward and recommend the above applicants for attending the Three Day Faculty Development Programme On “Modeling, Simulation and Optimization of Chemical Processes” (MSOCP - 2016)

Signature of
Head of the Institution with seal

Chief Patron
Dr. P. Rajeshwar Reddy – Chairman
Co-Chief Patron
Mrs.S. Neelima - Secretary
Patrons
Prof. M. Bhagvanth Rao
Dr. K.S. Rao
Prof M. Mutha Reddy

Organizing Committee

Coordinators:

Dr. N .Anil
Dr. M. Mukunda Vani
Mrs. N. Rama

Members:

M .Shireesha
Mrs. Sk.Shaheda
Mrs. D. Shruthi Keerthi
Ms. K. Meenakshi
Mr.Abdul Raof Ahmed Razvi

Important Dates

The number of delegates for the program is limited to 30. Therefore, the registration is based on first come first serve basis.

Last date for the submission of registration form is 12/11/2016

Address for Communication:

Coordinator – MSOCP-2016
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Co-Ordinators:

Dr N Anil
Dr. M MukundaVani
Mrs. N Rama

Department of Chemical Engineering
Anurag Group of Institutions
Venkatapur (V), Ghatkesar (M),
Hyderabad – 500088, Telangana State
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