Faculty Development Programme on “PROCESS INSTRUMENTATION, DYNAMICS AND CONTROL”

7 days (Nov 28th to Dec 5th 2012)

CO-ORDINATOR
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Associate Professor

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Anna University Chennai is a premier technological University in India. It is committed to provide excellent and effective engineering education to enhance the technical and analytical skills as well as the moral standards of the student community. The University has been pioneering in engineering education and technology development to remain abreast in many frontier areas. Besides promoting research and disseminating knowledge gained thereon, it fosters cooperation between the academic and industrial communities. The University has established collaborative research programs with world class institutions from various countries.

The Department of Chemical Engineering was started in year 1944 in A.C. College of Technology under University of Madras. Later in September 1978, the Department was transferred to the newly established Anna University, a unitary type of University. The Department of Chemical Engineering offers 2 UG Programmes (Chemical Engineering, Petroleum Refining and Petrochemicals) and 3 PG Programmes (Chemical Engineering, Petroleum Refining and Petrochemicals, Environmental Science and Technology). The Programmes are designed to facilitate students in understanding, developing, integrating and applying different areas of technology to process industries. Research activities in the department were initiated way back in the year 1947 in the conventional areas of chemical engineering like absorption, liquid extraction and multiphase flows. Over the period of years the areas of research have moved in tandem with the developments in the chemical engineering arena.
The active and rich research culture of the department has been maintained throughout these years. Active interaction with the industry has been maintained over the years and the department has been collaborating with several industries through consultancy services towards technology development activities such as waste water characterization, effluent management etc., using the good testing facilities available in the department. The main objective of the department is to cultivate knowledge among young minds and motivate the need for research in frontier areas.

**OBJECTIVES OF FDP**

The FDP on Process Instrumentation, Dynamics and Control will cover the following aspects:

1. Basic concepts of process control
3. Dynamics of various systems and feedback controlled processes
4. Stability analysis
5. Controller design
6. Frequency response analysis
7. Advanced control systems
8. Process instrumentation

**HIGHLIGHTS OF FDP**

- Coverage of syllabus.
- Latest advances in the field of process control.
- Detailed coverage of Process Instrumentation.

**TARGET AUDIENCE**

- Academicians interested in teaching Process Instrumentation, Dynamics and Control.

**REGISTRATION DETAILS**

- Total number of Participants is restricted to 25.
- Participants will be selected on First Come & First Serve basis.
- Priority will be given to Young Faculty.

**IMPORTANT DATES**

- Last Date for Registration: 19.11.2012
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1. Name:
2. Educational Qualification:
3. Designation:
4. Name and Address of the Organization / College:

E-mail:
Mobile Number:

Signature of the Applicant

Forwarded by the Head of the Institution / Dept.

Dr./Mr./Ms.______________________________ is an employee of our institution. He / She is permitted to attend the program if selected

Date:______________________________

Signature of the
Head of the Department / Organization

MAILING ADDRESS

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