



# Engineering Staff College of India

Autonomous Organ of The Institution of Engineers (India)  
Old Bombay Road, Gachibowli, Hyderabad – 500 032, Telangana, India



**Quality & Productivity Division**

**Workshop on**

## **Faculty Development Programme on Pedagogy & Research**

**20 – 22 November, 2018**



(An ISO 9001:2015 Certified, AICTE & CEA Recognized Institution)

**Centre for Promotion of Professional Excellence**

## INTRODUCTION

A lot of studies in recent times have made it abundantly clear that significant differences exist in the ability to improve student achievement among fully trained and experienced teachers. Pedagogy is the art (and science) of teaching. Effective Teachers use an array of teaching strategies because there is no single, universal approach that suits all situations.

**Different strategies are used in different combinations with different groups of students to improve their learning outcomes.** Pedagogy, incorporating an array of teaching strategies that support intellectual engagement, connectedness to the wider world, supportive class room environments and recognition of differences should be implemented across all key learning and subject areas.

What happens inside the class room is the most critical ingredient in ensuring that all students are able to achieve their career goals. **Improving educational attainment for all students in today's institutions can only happen if we improve the quality of teaching.** A growing diversity of student population, a dynamic society and its needs, continuous changes expectations about the quality and assessment of education plus rapid changes in information and technology are urgent focus for effective pedagogy.

The objective of this program is to impart an Effective Engineering Pedagogy to faculty members in their core area of competence - outcome based approach, teaching-learning process, classroom management techniques, laboratory activities, workshop, project planning, digitalized delivery tools, industry-based curriculum development and creativity in teaching.

## OBJECTIVES

- a) To understand the philosophy of teaching and the role of Engineering Faculty.
- b) To appreciate the relevance of active teaching methods for better student learning.
- c) To explain the role of projects in Engineering Education.
- d) To discuss strategies for attaining excellence in Engineering Education.

## COVERAGE

- Strategies for Effective lesson planning
- Engineering pedagogy — Quality and Professional competency
- Effective communication & presentation skills
- Formulation of Effective class room Management Techniques
- Virtual and Participative Learning
- Building Effective Teaching Teams
- Effective Lab, Workshop and Project work planning focused Real life/Industry/ Problem solving/Social Framework
- Continuous Quality Evaluation Program & Implementation
- Building up Interdisciplinary Innovation culture in Institution
- Creativity in Teaching

## METHODOLOGY

The program will be conducted in an interactive environment providing scope for discussions. Emphasis will be on a highly participative style of learning through Lectures, Group discussions & Mock and role play activities.

## TARGET PARTICIPANTS

The three-day program is essentially designed for newly recruited faculty members and other junior faculty who are not exposed to contemporary teaching methodologies. However, senior faculty members who are inclined to learn alternative teaching approaches would find the programme a great value add.

## PROGRAMME VENUE, DATES & TIMINGS

**Venue:** Engineering Staff College of India (ESCI) Campus, Old Bombay Road, GachiBowli, Hyderabad -500032, Telangana State, India.

**Dates:** 20 – 22 November, 2018 (3 days)

**Timings:** On the first day Registration will commence at 0900 hrs. On all other days the program timings will be from 0945 - 1715 hrs with breaks in between for tea and lunch.

### **COURSE ADVISORS**

**Dr. D N Reddy**, Director – ESCI, Chairman – NBA Appellate Committee, Member - UGC, Regional Chairman - AICTE (SCRO), Former VC, JNTU, Hyderabad.

**Prof R. Natarajan**, Former Chairman - AICTE & Former Director - IIT Madras

**Prof. S. C. Sahasrabudhe**, Former Director - DAICT, Gandhinagar and Member – Academic Advisory Committee, NBA

### **COURSE DIRECTOR**

**D. Sheshadri**, Head – Quality & Productivity Division, Engineering Staff College of India, Hyderabad.

### **FACULTY**

Eminent Experts in Technical and Higher Education/ Quality Management will chair the sessions.

### **COURSE FEE**

**Rs.16,500/-(Residential) + 18% GST per participant.** Fee includes, course material, course kit, twin-sharing/single AC accommodation as per availability, breakfast, lunch, dinner, tea / coffee and snacks during the actual days of training program.

### **DISCOUNTS:**

- **Non-Residential Fee:** 10% discount on course fee is allowed for non-residential participants.
- **Group Discount:** Additional 10% discount for three or more participants, if sponsored by the same organization. (All Discounts are applicable only if fee is received at ESCI before commencement of the program)
- **GST is to be paid extra over and above the training fee, as training is also brought under the purview of GST**
- **GSTN Number:** 36AAATT3439Q1ZV
- **HSN Number:** 999293
- **PAN Card No.** AAATT3439Q

### **MODE OF PAYMENT:**

Program fee is to be paid in favour of “**IE(I) - Engineering Staff College of India**” in the form of demand draft payable at Hyderabad.

Alternatively the payment may be made by Electronic Fund Transfer (EFT) to ESCI – SB A/c No. 912010049234564 with **Axis Bank Ltd., Gachibowli branch**, Old Mumbai Highway, Cyberhills Colony, P Janardhan Reddy Nagar, Gachibowli, Hyderabad – 500032, T.S., by NEFT/ RTGS/ IFSC Code No. UTIB0000733 – MICR No.500211020.

**While using EFT method of payment, please ensure to communicate us your university name, our invoice reference and program title.**

### **REGISTRATION**

**Online registration shall be available on ESCI website.**

To register manually please send your nominations giving details of name, designation, contact address, email address, mobiles no, telephone and fax number of the participant along with the details of mode of payment of fee and addressed to:

**The Head**

Quality & Productivity Division

Engineering Staff College of India

Gachibowli, Hyderabad – 500 032

**Direct Phones:** 040 – 66304110, 4109, 4108, 4132, 4133 Fax: 040-30995226, Mobile: 9866114616

Email: [qp@escihyd.org](mailto:qp@escihyd.org) Web site: [www.escihyd.org](http://www.escihyd.org)

**CERTIFICATE**

**A certificate of participation will be awarded on conclusion of the program.**

**GENERAL INFORMATION:**

- ESCI encourages participants to present case studies from their respective organizations.
- For the convenience of outstation participants, ESCI will facilitate pick-up and drop from Airport / Railway Stations / Bus Stations, if travel plans are received at least 3 days in advance along with mobile number by fax or email. The charges shall be paid by the participant directly to the Cab.
- ESCI provides complimentary accommodation and boarding to the participants one day before commencement (Check-in at 1200 hrs.) and one day after conclusion (Check-out at 1200 hrs.) of the programme duration. Overstay charges will be applicable as per ESCI rules (subject to availability of accommodation)
- Well developed Information Centre and Internet facilities are available to the participants.