

TEQIP III Sponsored One Week (5-day)

# Faculty Development Program

For Young Faculty Members at TEQIP Institutions  
(29<sup>th</sup> Oct to 2<sup>nd</sup> Nov 2018)

Jointly Organized by



Bharatiya Vidya Bhavan's  
**Sardar Patel College of Engineering**  
Bhavan's Campus, Andheri (W), Mumbai, 400058



**Rewa Engineering College**  
University Road, Rewa, MP, 486 002

## Introduction

India is one of the countries having highest number of technical education institutes across the globe. Still Indian industries are facing shortage of skilled and employable manpower. In order to create competent and employable manpower, it is extremely necessary for any institution to have qualified and well-trained faculty members. However, most of the institutions, especially Government and Government-aided institutes (barring few exceptions) are facing acute shortage of qualified and well-trained faculty members. Having a well-trained faculty members who can help improve programs to produce quality graduates is also essential for Indian institutions to achieve better ranking in NIRF and for implementation of Outcome-based Education.

For any nation, the institutions imparting quality higher education are a major driving force to achieve sustainable development and higher GDP rates. The World Bank and Govt. of India funded project, Technical Education Quality Improvement Programme (TEQIP) had played a crucial role in enabling Technical Education System in India to create, transmit and disseminate knowledge and contribute substantially to the '*Knowledge-based Economy*'. This FDP is intended to address the challenge of training and skill upgradation of faculty members in TEQIP institutions.

## Course Contents

This FDP would cover following topics:

- ✚ Building institutions through Good Governance
- ✚ Technical Education in the context of Fourth Industrial Revolution
- ✚ Implementation of OBE Principles and Practices
- ✚ Writing a good research paper
- ✚ Autonomy for excellence in higher education
- ✚ Aligning individual career goals with Institutional Vision
- ✚ Motivation for Institutional Commitment
- ✚ Effective Pedagogical Practices to enhance learning
- ✚ Developing a symbiotic industry-academia relationship
- ✚ Developing Academic Leadership qualities
- ✚ Building an Institution of National Importance
- ✚ Visit to nearby industry and SPCE laboratories to enhance the learning beyond the classroom

During the program, the senior faculty members from SPCE would interact with the participants and guide them to write a research proposal. On the last day of the program, the participants will be presenting these research proposals to be submitted in their respective institutes under seed funding scheme of TEQIP III. These proposals will be evaluated by Academic Advisor of SPCE and the participants would be given suggestions and guidance for further improvements.

***This FDP is designed especially for the young faculty members from TEQIP Institutions. Certificate of participation would be awarded to the participants who successfully complete the FDP.***

## Objectives

The broad objectives of this FDP are:

1. To update the research and pedagogical skills of faculty members
2. To help faculty members to align their career goals with institution vision
3. To create awareness about good governance at technical education institutions
4. To empower faculty members to foster symbiotic Industry-Academia Partnership
5. To increase productivity and motivation of the faculty members

## Outcomes

This FDP intends to achieve following outcomes:

1. Skill upgradation and knowledge enhancement of faculty members
2. Enhanced institutional capacity to create employable and industry ready work force
3. Increased institutional capacity in research and innovation
4. Enhancement in quality of teaching learning process at institutions
5. Increased faculty productivity and motivation in the institutions

## Pedagogy

The content delivery would be through balanced mix of lectures, discussions, case analysis, industrial visit, self-learning exercises and project presentations by participants with evaluation and guidance from senior academicians. **All the participants are requested to carry a laptop.**

## Resource Persons

The resource persons for the FDP would be senior faculty members, renowned academicians and industry professionals. Some of the speakers are:

- Dr. R. Sesha Iyer, Chairman, Board of Governors, SPCE. Professor and advisor to Dean, SPJIMR, Mumbai
- Dr. S. S. Mantha, Former Chairman, AICTE
- Dr. N. C. Shivaprakash, Professor, IISc Bangalore. Academic Advisor, SPCE
- Mr. Suresh Mhatre, Former Vice President, TCS. Professor Emeritus, NMIMS. Project Director, eBorn Consulting
- Dr. S. S. Rathod, Professor, Sardar Patel Institute of Technology, Mumbai
- HoDs of all Dept. at SPCE

## Registration & Accommodation

The interested faculty members will have to send registration form by e-mail to [mis@spce.ac.in](mailto:mis@spce.ac.in). All the participants will have to do their travel and accommodation arrangements at their own expenses. SPCE would suggest nearby hotels for accommodation. During the FDP working lunch, tea, coffee and snacks would be provided by SPCE.

### Registration Form

Name: \_\_\_\_\_ Designation: \_\_\_\_\_  
Department: \_\_\_\_\_ Institute: \_\_\_\_\_  
Whether institute is participating in TEQIP III: Yes / No  
E-mail ID: \_\_\_\_\_ Contact No.: \_\_\_\_\_

Signature of the participant

### Sponsorship Certificate

Prof. \_\_\_\_\_ is working in our Institute in \_\_\_\_\_  
department. He /She is hereby allowed and sponsored to attend the FDP under TEQIP III at SPCE, Mumbai.

Seal

Signature of the Sponsoring Authority

### Organizing Committee

Prof. Nilesh Raykar,  
HoD – Mechanical Engg., SPCE

Prof. Anupa Sabnis,  
HoD – Electrical Engg., SPCE

Prof. Mohan Murudi,  
HoD – Civil Engg., SPCE

Prof. A. A. Bage  
HoD – First Year

### Patrons

Dr. R. Sessa Iyer,  
Chairman – BoG, SPCE, Mumbai

Dr. P. H. Sawant,  
Principal, SPCE, Mumbai

### Coordinator

Dr. Rahul T. Dahatonde,  
TEQIP III Coordinator, SPCE, Mumbai  
E-mail: [teqip\\_coordinator@spce.ac.in](mailto:teqip_coordinator@spce.ac.in)

### Dates

29<sup>th</sup> Oct to 2<sup>nd</sup> Nov 2018

### Organizers

#### SPCE

Prof. Snehajit Kumbhar – Faculty (CED)  
E-mail: [snehjit\\_kumbhar@spce.ac.in](mailto:snehjit_kumbhar@spce.ac.in)

Prof. Vishal Dake – Faculty (EED)  
E-mail: [vishal\\_dake@spce.ac.in](mailto:vishal_dake@spce.ac.in)

Prof. Sharad Valvi – Faculty (MED)  
E-mail: [sharad\\_valvi@spce.ac.in](mailto:sharad_valvi@spce.ac.in)

#### REC

Prof. Harshit Nema – Faculty (CED)

### How to reach SPCE

The institute is 5 km and 7 km, respectively from International and Domestic Airport. The institute is 4 km from Andheri (West) sub-urban railway station which is on Western Railway line. The institute is at walking distance from Azad Nagar Metro station. For any queries regarding registration, travel, accommodation, etc. please contact any of the organizers or Ms. Kashmiri at [mis@spce.ac.in](mailto:mis@spce.ac.in) or on 9967636874.