

Report on One week FDP Under TEQIP III Twinning Activity Between SPCE Mumbai and GEC Rewa

The higher education system in India is witnessing tremendous changes and continuous growth. It is evident with the improvement of existing institutions and new institutions coming up in India in collaboration with Foreign Universities.

To continue existing in this competitive field of higher and technical education system, it has become imperative for the institutions to have qualified, trained and knowledgeable faculty members. Also it has become extremely critical for technical education institutes to expand current institutional capacities not only in terms of infrastructure but also in terms of qualified and 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 (OBE).

In view of this, as a part of twinning activity of TEQIP III between Mentor Institute SPCE Mumbai and Mentee Institute GEC Rewa, one week FDP was organized at SPCE from 29th Oct to 2nd Nov 2018. Total 24 participants from SPCE and 08 participants from GEC Rewa, participated in this FDP. Few faculty members from other TEQIP and non-TEQIP funded institutes also attended this FDP.



Topics

Following topics were covered in this FDP:

- 📌 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

Objectives

The broad objectives set for this FDP were:

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 develop academic leadership qualities among the faculty members

Outcomes

This FDP achieved 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. Enhanced academic and intellectual environment in the institutions



Pedagogy

The content delivery during this workshop was 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.



Resource Persons

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

- ✚ Dr. R. Sessa Iyer, Chairman, Board of Governors, SPCE. Professor and advisor to Dean, SPJIMR, Mumbai
- ✚ 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
- ✚ Prof. Rukaiya Joshi, Professor, S. P. Jain Institute of Management and Research, Mumbai.
- ✚ Mr. Gajanan Sadekar, Ex - L & T Engineering and Alumnus of SPCE, Mumbai
- ✚ HoDs of all Dept. at SPCE



During the FDP the participants also visited automobile manufacturing plant of Mahindra & Mahindra at Kandivali. During this visit, participants got an opportunity to interact with company managers at the plant. They also got an idea of hands on shop floor experience with brilliant guidance from the managers who monitor the assembly line. They also got an opportunity to understand culture, methods and working of a automobile giant. This visit was a exciting experience for the participants since M & M allowed them to see entire manufacturing assembly line in spite of the tight schedule of production due to festival season.



This FDP addressed the challenge of training and skill upgradation of faculty members in engineering institutions. This FDP was also helpful in providing training to the faculty members in the areas of management, governance and leadership aspects.



This FDP helped to enhance interest, knowledge and skills in management and leadership areas resulting in increased quality in institutional management and efficient achievement of institutional development goals.

Dr. Rahul T. Dahatonde
TEQIP Coordinator