

**Institute of Chemical Technology, Mumbai**  
**Faculty Development Programme on Pedagogy**  
**Under the National Education Policy 2020**

### **Introduction**

The Institute of Chemical Technology recently organized a Faculty Development Program (FDP) on Teaching Pedagogy for new faculty members across the University. during the months of March-April 2024 at Mumbai main campus. This program aimed to enhance the teaching skills, research capabilities, and overall professional development of the faculty members.

### **Objectives**

- To provide faculty with the latest tools and techniques in teaching and research.
- To foster an environment of continuous learning, introspection, collaboration, and development.
- To enhance the quality of education and research at the institution.

### **Program Schedule**

The FDP was structured over 5 weeks with each module scheduled for around 3-4 hours each day and included a series of workshops, lectures, activities, participatory modules, introspection exercises, collaboration and self-awareness activities, goal setting and interactive team and individual presentations sessions. The detailed schedule included:

**Day 1: Prof Aniruddha Pandit, Vice Chancellor, ICT: Inauguration and Keynote Address**

“Bridging the Gap between industry requirements and University academia using effective pedagogy”

**Day 2: Dr Rama Iyer, Associate Professor, Management, ICT**

"Optimizing Teaching Strategies: Enhancing Student Learning and Educator Effectiveness".

**Day 3: Prof Ashwin Patwardhan, Professor, Dept of Chemical Engineering, ICT**

"Effective Curriculum Development: Planning, Feedback, and Syllabus Design"

**Day 4: Dr Ajitkumar, Professor and Head, Dept of Mathematics, ICT &**

**Dr. C.S. Mathpati, Associate Professor, Dept of Chemical Engineering, ICT**

“Integrating technology and developing laboratory based teaching styles”

**Day 5: Prof. V.G. Gaikar, Bharat Petroleum Distinguished Professor in Chemical Engineering, ICT, Mumbai**

“Professional Development plans”

## **Participant Engagement**

The FDP saw participation from 30 faculty members across various departments. The sessions were highly interactive, with participants engaging in group discussions, hands-on activities, and Q&A sessions.

## **Feedback and Outcomes**

Feedback from the participants was overwhelmingly positive. Highlights include:

- Increased confidence in using new teaching tools.
- Enhanced understanding of pedagogy
- Greater awareness of technological advancements in education
- A demand for an advanced version of the FDP

Participants expressed their appreciation for the practical insights and the opportunity to network with peers.

## **Valedictory Function**

All the participants were deeply appreciated for their active participation and sharing of experiences. The Vice Chancellor awarded all participants with a letter of appreciation.

## **Conclusion**

The Faculty Development Program was a success, fulfilling its objective of empowering faculty with the necessary skills and knowledge. The institution looks forward to organizing similar programs in the other sister campuses of the university and also later for all institutions that would be interested in availing the benefits of the FDP in the future to continue fostering a culture of excellence and continuous improvement in the field of higher education.

