

## ANNOUNCEMENT

AICTE ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP) ON

### “ADVANCEMENT OF PHARMACEUTICAL ENGINEERING: AN INDUSTRIAL PRESPECTIVE”

23<sup>rd</sup> to 27<sup>th</sup> November 2020

## SPONSORED BY

AICTE TRAINING AND LEARNING (ATAL) ACADEMY



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION (AICTE)  
MINISTRY OF EDUCATION  
GOVERNMENT OF INDIA

## ORGANISED BY



The Bardoli Pradesh Kelvani Mandal  
Education Society's  
Dr. Dayaram Patel Pharmacy College  
Opposite Swaraj Aashram  
Sardar Patel Marg (Station Road),  
Bardoli, Dist: - Surat, Gujarat- 394601  
[www.dppc.ac.in](http://www.dppc.ac.in)

## SCOPE AND OBJECTIVES

Pharmaceutical engineering covers all parts of drug manufacturing, from designing a new facility to optimizing manufacturing processes and perfecting packaging solutions. This FDP provides a premier interdisciplinary platform for researchers, practitioners and educators to present and discuss the most recent innovations, trends, and concerns as well as practical challenges encountered and solutions adopted in the fields of Pharmaceutical Engineering. The current program also deals with the advanced technologies in the field of Pharma industries which distends the growth in formulating new medicines thereby promoting healthcare. The FDP is intended to expose the latest machines and technologies used during the different pharmaceutical manufacturing stages, raw materials suppliers, regional manufacturers, contract manufacturers and more. There are many scopes on advanced materials and instruments for future research work. Hence, a FDP is proposed to address key scientific challenges in the field of industrial pharmaceutical engineering. The FDP is intended to uncover and better learning the participants to advancement of pharmaceutical engineering & technologies from the domain experts.

## THE CONTENTS

The topics will inculcate:

- Diverse pharmaceutical engineering instruments employed for the drug formulation procedures and novel drug delivery systems.
- Recent innovations in terms of equipment used for formulations of solid dosage form
- Role of artificial intelligence in modernization of pharmaceutical engineering equipment
- Recent advances in equipment used for pharmaceutical packaging
- Regulatory aspects regarding the designing of instruments

## ABOUT THE COLLEGE

Dr. Dayaram Patel Pharmacy College (Kalyanji Education Academy) was established in the year 1983 with the initiation of visionary trustees of **Bardoli Pradesh Kelvani Mandal (BPKM)** to cater the needs of pharmacy education in rural areas like Bardoli in Gujarat. It is an effort towards meeting the growing demand for quality education. The institute has been affiliated with **Gujarat Technological University**, Ahmedabad and approved by All India Council of Technical Education (**AICTE**) and Pharmacy Council of India (**PCI**), New Delhi. Institute runs AICTE approved Diploma in Pharmacy College. The college houses a voluminous library; classrooms with multimedia facilities, well equipped laboratories, modern Computer and Language labs. The college has its own sophisticated instruments center for the characterization pharmaceuticals.

## TARGET AUDIENCE

Teachers, Researchers and Students from Academic, Industry and researcher from R&D sector.

## RESOURCE PERSONS

Experts from NIPER's, IIT's and other reputed intuitions and industries will handle the sessions.

## HOW TO APPLY

No registration fee for participant from AICTE approved institute. The FDP is open to faculties and researchers in pharmaceutical/ mechanical engineering specialization. The interested participants are requested to complete the online registration formalities @ <https://atalacademy.aicte-india.org>.

## CORRESPONDENCE ADDRESS

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