

## About AICTE

The All India Council for Technical Education (AICTE) Act (1987), was constituted to provide for the establishment of an All India Council for Technical Education with a view to proper planning and co-ordinated development of a technical education system throughout the country, the promotion of qualitative improvements of such education in relation to planned quantitative growth, and regulation and proper maintenance of norms and standards in the technical education system and for the matters connected therewith.

## About the Sankalchand Patel University

Sankalchand Patel University (SPU) is a private university located in Visnagar, Gujarat, India. The university was established in 2016 by the Nootan Sarva Vidyalaya Kelvani Mandal through The Gujarat Private Universities (Amendment) Act 2016. As of 2018, it offers 40 different courses. Sankalchand Patel University Campus spread over 70 acres of land and situated in natural surroundings serves multiplicity of purposes due for an academic institutions.

## About the Institute

Nootan Pharmacy College (NPC) is a pioneering institution in Pharmaceutical education in India and was founded in 2006. The college is approved by All India Council for Technical Education (AICTE) and Pharmacy Council of India (PCI). Since its inception as a college offering a Bachelor in Pharmacy, the college has grown in stature and at present offers Masters, and Doctoral programs of study in Pharmaceutical Sciences. NPC has produced more than 500 Pharmacists and 100 M. Pharm and 17 PhD graduates. NPC has well equipped laboratories, the drug testing and training

laboratory, state of the art equipment, instruments, internet facilities and an excellent library. More than 14 industry sponsored projects have been completed.

## About FDP

The scheme is intended to institutions for induction training to teachers employed in AICTE approved technical institutions to facilitate up-gradation of knowledge and skill.

## Course Content

- Quality by design (QbD)
- Target product quality profile (TPQP)
- Critical quality attribute (CQA)
- Critical process parameter (CPP)
- Quality risk management (QRM)
- Design and analyze screening designs including a factorial, fractional factorial, and D-optimal design
- iSixSigma
- centre points to a design
- Design and analyze response surface designs including central composite designs (CCDs), Box-Behnken designs, and I-optimal designs
- Basic statistics and practical pharmaceutical applications
- Practical training and demonstration of various QbD and statistical software
- Presentation by participants

## Program Coordinator and Correspondence

### Dr. Jayvadan K. Patel

Dean and Head of Institute

**Faculty of Pharmacy, Nootan Pharmacy College, SANKALCHAND PATEL UNIVERSITY**

Sankalchand Patel Vidyadham,

Visnagar-384315, Gujarat

Email: [fp.npc@spu.ac.in](mailto:fp.npc@spu.ac.in)



**ALL INDIA COUNCIL FOR TECHNICAL  
EDUCATION (AICTE)  
Sponsored Two Weeks  
FACULTY DEVELOPMENT PROGRAMME (FDP)  
on**

**CONCEPTS OF QUALITY BY DESIGN (QbD) AND  
STATISTICS IN PHARMACEUTICAL SCIENCES**

**24<sup>th</sup> June 2019 to 06<sup>th</sup> July 2019**



Organised by  
**Faculty of Pharmacy,  
Nootan Pharmacy College,  
SANKALCHAND PATEL UNIVERSITY**  
Sankalchand Patel Vidyadham,  
Visnagar-384315, Gujarat (India)

### Patron In-Chief

Shri Prakash S. Patel  
President, Sankalchand Patel University

### Patron

Prof. (Dr.) V. K. Srivastava  
Provost, Sankalchand Patel University

### Organising Chairman

Dr. Jayvadan K. Patel  
Dean, Faculty of Pharmacy,  
Sankalchand Patel University

### Committee Members

Dr. Ujash Shah  
Dr. Anita Patel  
Dr. Hitesh Patel  
Dr. Hirak Joshi  
Dr. Hiren Chaudhary  
Dr. Khushbu Patel  
Mrs. Vaishali Patel  
Dr. Sejal Patel  
Ms. Ekta Patel  
Mrs. Pooja Patel  
Mrs. Nidhi Shah  
Ms. Lisa Patel

### Eligibility of Participants

Pharmacy teachers of all AICTE/PCI approved degree Pharmacy Colleges, person from industry, who are keen to update their knowledge and learn newer methodology, are eligible. The numbers of participants are restricted to 40 only on first come first serve basis.

### Background

Faculty liveliness is the main ingredient to enhance professional education and competence. Enriching the faculty liveliness in key domains of teaching, assessing, research, professionalism, and administration is perceived to improve educational environment significantly and enhances the academic performance of learners. Faculty development program (FDP) has been considered as a stand-alone educational pedagogy in fostering knowledge and professional skills of faculty.

### Registration Fees

Registration fee is Rs. 1000 (Refundable after completion of program) to be paid after confirmation of selection through mail. The registration fee can be made through Cash/Cheque/Demand Draft drawn in favor of "Principal, Nootan Pharmacy College" payable at Visnagar.

Travelling allowance for outstation candidates will be paid as per AICTE norms

### Calendar of Program

Last date of receipt application: 10-06-2019  
Date of intimation of selection: 14-06-2019  
Confirmation by participants: 15-06-2019  
Programme dates: 24-06-2019 to 06-07-2019

### Expert Speakers

Eminent speakers from industries and reputed institutions will deliver their talk in the program. Experts will demonstrate various QbD and statistical software.



REGISTRATION FORM



NOOTAN PHARMACY COLLEGE, VISNAGAR

ALL INDIA COUNCIL FOR TECHNICAL  
EDUCATION (AICTE) SPONSORED  
TWO WEEKS  
FACULTY DEVELOPMENT PROGRAMME (FDP)  
ON  
CONCEPTS OF QUALITY BY DESIGN (QBD) AND  
STATISTICS IN PHARMACEUTICAL SCIENCES

(24<sup>th</sup> June 2019 to 06<sup>th</sup> July 2019)

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Name of College: \_\_\_\_\_

Mobile No: \_\_\_\_\_

Email: \_\_\_\_\_

Accommodation: Yes/No

Registration details:

Amount: \_\_\_\_\_ Cash/DD No.: \_\_\_\_\_

Date: \_\_\_\_\_ Place: \_\_\_\_\_

Drawn of Bank: \_\_\_\_\_

Please register myself for the AICTE Sponsored two weeks faculty development programme to be held at Nootan Pharmacy, Visnagar during 24<sup>th</sup> June 2019 to 6<sup>th</sup> July 2019.

Date and Place: \_\_\_\_\_

Signature of the applicant: \_\_\_\_\_

Signature of the Principal with seal: \_\_\_\_\_