

## COURSE DURATION

- 7 weeks (55 Hours)
- Soft copy of Course material will be provided from the institute.
- Mode: Online

## ELIGIBILITY

- Fresher or Experience or Pursuing B. Pharm/M. Pharm / Ph. D
- Final Year B. Pharm students
- Fresher or Experience with B. Pharm / M. Pharm / Ph. D from industry

## RESOURCE PERSON

- **Dr. G. K. Jani,**  
Ex- Principal,  
SSR College of Pharmacy, Silvassa.
- **Dr. J. K. Patel,**  
Professor & Principal,  
Nootan Pharmacy, College, Vishnagar.
- **Dr. D. M. Patel**  
Associate Professor, Graduate School of Pharmacy, GTU
- **Dr. Vaishali Thakkar**  
Professor, Pharmacy College, Anand.
- **Dr. Hitesh dalvadi**  
HOD & Professor,  
ROFEL Shri G.M. Bilakhia College of Pharmacy, Vapi.
- **Dr. Vinod ramani**  
Assistant professor,  
Dept. of Pharmacy, Bhagwan Mahavir University, Surat
- **Dr. Tejas Ghelani,**  
Research Associate  
Baxter Pharmaceuticals India Pvt Ltd
- **Dr. Dhiren P. Shah,**  
Professor & Principal,  
Shree N. L. Patel College of Pharmacy, Umrakh.
- **Dr. Chainesh Shah,**  
H.O.D. & Associate Professor,  
Shree N. L. Patel College of Pharmacy, Umrakh.

## COURSE OBJECTIVES

- ❖ To understand QbD for product development and AqBd for API analytical methods development.
- ❖ To identify and learn QbD & AqBd key tools like:
  - Identification of TQPP (Product Development) & ATP Target (Analytical Profile),
  - CQA (Critical Quality Attributes- CMAs & CPAs) with risk assessment,
- ❖ Optimization and Development with DoE
- ❖ MODR (product/method operable design region),
- ❖ Control Strategy & validation analysis,
- ❖ Continuous method Monitoring (CMM).

## WHY STUDENTS/ PARTICIPANTS SHOULD JOIN THIS PROGRAMME?

- This course is ideal for those who are new and want learn to QbD & AqBd.
- Individual student can handle StatEase software for QbD, PAT and optimization of Formulation and method development.
- Certificate will be given by GTU after successful completion of course.
- These certificate from GTU has equivalent credit to other GTU certificate.



**CENTRE FOR CONTINUING EDUCATION-  
GUJARAT TECHNOLOGICAL UNIVERSITY  
(GTU-CCE)**

**certified**



**SHORT TERM CERTIFICATE  
COURSE**

**on**

**QUALITY BY DESIGN APPROACH FOR  
PHARMACEUTICAL FORMULATION &  
ANALYTICAL METHOD DEVELOPMENT**



**Shree Naranjibhai Lalbhai  
Patel College of Pharmacy,  
Vidyabharti Trust, Umrakh,  
Bardoli.**

**website : [www.snlpccp.ac.in](http://www.snlpccp.ac.in)**

## ABOUT GUJARAT TECHNOLOGICAL UNIVERSITY

Gujarat Technological University is a premier academic and research institution which has driven new ways of thinking since its 2007 founding, established by the Government of Gujarat vide Gujarat Act No. 20 of 2007. Today, GTU is an intellectual destination that draws inspired scholars to its campus, keeping GTU at the nexus of ideas that challenge and change the world. GTU is a State University with 486 affiliated colleges in its fold operating across the state of Gujarat through its FIVE zones at Ahmedabad, Gandhinagar, Vallabh Vidyanagar, Rajkot and Surat. The University caters to the fields of Engineering, Architecture, Management, Pharmacy and Computer Science. The University has about 4,00,000 students enrolled in a large number of Diploma, Under Graduate, Post Graduate programs along with the robust Doctoral program

## ABOUT THE TRUST

Vidyabharti trust is the name associated with education for more than three decades near Bardoli of Surat district and has now evolved as a symbol of quality education dedicated to nurture the talent and aspirations of the bright youth of our nation..

## ABOUT THE COLLEGE

Shree N. L. Patel College of Pharmacy, Umrah was established in the year 2004 under the aegis of Vidyabharti Trust with main objective of visionary in the mission of quality Pharmacy education. This college is located on the way of Bardoli-Mota road, 3 kilometer away from Bardoli and 34 kilometers away from Surat in a lush green sprawling campus with sufficient infrastructure facilities. The college is approved by the Pharmacy Council of India (PCI), New Delhi, All India Council for Technical Education (AICTE), New Delhi, recognized by Government of Gujarat and affiliated to Gujarat Technological University (GTU), Ahmadabad.

At this moment, Shree N. L. Patel College of Pharmacy offers B. Pharm and M. Pharm course in Pharmaceutics, Quality Assurance & Pharmacology to input the knowledge and to empower individuals with wisdom to prepare a pharmacist of the future.

**Limited Entry: Only 100  
Participants in one online  
batch**

## COURSE COORDINATOR

**Dr. CHAINESH SHAH**

H.O.D. & Associate Professor,  
Shree N. L. Patel College of Pharmacy,  
Umrah.

Register online through

<https://forms.gle/DN6eCi73Y3HcMk3Z6>

## HOW TO APPLY AND REGISTER

**Last date of Registration: 11 Dec. 2021**

**Fees: Rs. 2000/- for Indian nationals &  
50 USD for overseas professionals**

## MODE OF PAYMENT

**RBL Bank Limited Branch: Bardoli**

**IFSC Code: RATN0000131**

**A/C name: Shree Naranjibhai Lalbhai Patel**  
college of Pharmacy

**A/C no.: 309000177467**

**Contact Us: Mob: +91 9265642923**

**E mail: [drdrchaineshshah@gmail.com](mailto:drdrchaineshshah@gmail.com)**