



ABOUT FACULTY

The Faculty of Pharmacy previously known as Pharmacy Department is a part of India's internationally renowned The Maharaja Sayajirao University of Baroda (1949) and has blossomed from the Baroda College (1881) which is one of the oldest center of learning in western India. The University has been accredited with Grade 'A+' by NAAC in 2022. The Pharmacy Department was founded as one of the departments of Faculty of Technology and Engineering, The Maharaja Sayajirao University of Baroda in June 1973. It has now become a top ranked institution imparting high quality education up to PhD level in Pharmaceutical Sciences and also enjoys the reputation of being an advanced research centre, boasting of renowned scientists and academicians. It has received grants of crores of rupees from various funding agencies like DST, TIFAC-CORE (6.25 crores), AICTE, UGC, CSIR, ICMR, DBT etc. The Department also has the AICTE-QIP centre, DST-FIST (48 lakhs), UGC-DSA Phase I (1 crore) etc. The University Grants Commission had sanctioned Departmental Research Support (DRS) Phase I (47 lakhs) and Phase II (50 lakhs) which has been upgraded to Department of Special Assistance (DSA) in 2012. It has various state of the art instruments to carry out quality research in all fields of Pharmacy. The Department has a number of Indian and International Patents to its credit in the field of Pharmaceutical Sciences

ABOUT

THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA, VADODARA

The Maharaja Sayajirao University of Baroda (MSU) is recognized as one of the premier institutions of higher learning and research in the country. Since its inception in 1949, the University has demonstrated a keen interest and a commitment to the sustenance and promotion of an environment, favorable to the growth and development of an academic excellence – a commitment that forms a part of the rich legacy of the institution.

The University offers a wide range of academic programs from early childhood to Under-Graduate and Post-Graduate levels including Ph.D., with Choice Based Credit System (CBCS) for students to select value added subjects of their interest, other than Grant-in-Aid academic programs. The University also offers innovative Science and Technology programs in the field of Cell and Molecular Biology, Nanotechnology, Petroleum Geology, Medical Biotechnology, Bioinformatics, Disaster Management, Embedded Systems, Packaging Engineering, Welding Technology etc. through some cutting edge research centers like Center for Biotechnology, Prof. Bharat Chattoo Genome Research Centre, Centre for Molecular Genetics, Cluster Innovation Centre, Centre for Excellence in Polymer and Siemens Centre of Excellence for industry automation.

Other than that, a number of socially relevant career and knowledge oriented academic programs are also on offer by the University like M.E. in Microelectronics & VLSI Design, Master of Urban and Regional Planning, Post-Graduate Diploma in Strategic Human Resource Management, P. G. Diploma in Food Service Management as well as Bachelor and Master of Design. University also offers Certificate Courses in Temple Management, Diet and Healthy Living, Sports Nutrition, Fitness Management, etc.

The University interacts extensively with the Industry and the civil society in the curriculum development and updation process. The University has signed MOU's with International Universities/Institutes like University of Cambridge, University of Laval, University of Stuttgart, University of Cornell, Ithaca, University of South Carolina, Keio University etc. for the exchange of students and teachers which adds to the enrichment of curriculum from global perspective.



PATRON

Prof. Bhalchandra M. Bhanage

Hon'ble Vice Chancellor

The Maharaja Sayajirao University of Baroda



CONVENER

Dr. Kirti V. Patel

(I/C) Head & Dean, Faculty of Pharmacy

The Maharaja Sayajirao University of Baroda

COORDINATOR: Dr. Milind M. Thosar

CO-CORDINATORS: Ms. Pallavi A. Dabke

Ms. Shivani J. Gandhi

**Two Days Workshop on
“Hands-on Integrated Skills in
Design of Experiments and Patent
Drafting”**

Jointly Organized by

**Faculty of Pharmacy &
Pharmaceutical Society
The Maharaja Sayajirao University of Baroda
&
Shri B.V.Patel Education Trust, Ahmedabad**

ABOUT

SHRI B.V. PATEL EDUCATION TRUST

Shri B.V. Patel Education Trust is established in the fond memory of the First Drug Controller of Gujarat, Shri Bhupendrabhai V. Patel in the year 1974. Vision and Mission of the Trust is educational activities in the field of pharmacy and allied sciences to support pharma industry with skilled scientists / technocrats / management professionals. To fulfil this goal the Trust carries out various programmes like International Symposiums, Hands on Training Workshops, Industry-Oriented Dissertation Programs etc.

The Trust also conducts Shri B.V. Patel Essay Competition annually where students / academicians / industry professionals from various field can participate. In addition to this the Trust also organises Shri B.V. Patel Memorial Lecture every year in 'Indian Pharmaceutical Congress' where the winners of Essay Competition also receive medals and cash prize.

The Trust is also planning to start Certificate Courses for pharma and allied science graduates to prepare them for industry oriented skilled human resource. The Trust is also working to come up with innovative programmes to support students and promote educational activities in Gujarat.

For details visit – www.bvpedutrust.com

or

contact – 9106848562

Workshop Highlights

Design of Expert (DoE) (Day 1)

- **Basic Statistics for Design of Experiment**
- Theoretical background of DOE, DOE Methodology and DOE versus OFAT (One Factor At a Time)
- **Factorial and Fractional Factorial Design—the Foundation for DOE**
- Introduction to Factorial Design, Full factorial design vs. fractional factorial design
- **Basics of Response Surface Methods (RSM) for Process Optimization**
- Building a 2³ factorial with 4 center points , Factorial design with center point, Response Surface Methods and Central Composite Design
- **Introduction to Mixture Design**
- What is Mixture Design? , Constrained mixture concepts, QbD (Quality by Design) in formulation development and HPLC Method development

Patent Drafting (Day 2)

- **Introduction to Intellectual property**
- What is IP and its overview of the Indian patent system with global IP scenario
- **Patent Search**
- Keyword and classification based search strategies and evaluating novelty and prior art
- **Basics of Patent Drafting**
- Structure of patent document and Drafting sample claims
- **Hands on Practice Session**
- Live demonstration of patent search and drafting exercise on a simple innovation idea for patent application

Registration Link:

<https://forms.gle/eY5FdLwBxMCx2ed47>

Fees: INR 800/-

Last Date of Registration: 10/11/ 2025

LIMITED SEATS ONLY

Date: 25th & 26th November 2025

Time: 10:00 am to 05:30 pm

Venue: New Seminar Hall, G.H. Patel Pharmacy building



Program Schedule (25/11/2025)

- 10:00 - 10:30 am – Registration & Breakfast
- 10:30-11:00 am – Welcome & Opening Remarks
Dr. Kirti Patel, I/C HOD & Dean, Faculty of Pharmacy, The MSU Baroda
- 11:15-12:15 pm – DOE Session
Resource Person: Dr. Milind M Thosar, Assistant Professor, Faculty of Pharmacy
- 12:15-01:15 pm – Lunch Break
- 01:15-2:45 pm – DOE: Hands-On Training
Resource Person: Prof. Ketan Ranch, LMCP, Ahmedabad
- 2:45 3:00 pm – Tea/Coffee Break
- 3:00-5:30 pm – DOE: Hands-On Training (Continued)
Resource Person: Prof. Ketan Ranch, LMCP, Ahmedabad

Program Schedule (26/11/2025)

- 10:00-10:30 am – Breakfast
- 10:30-12:00 pm – Patent Drafting Basics
Resource Person: Mr. Nishit Patel, Patent agent, Partner at Singhania & Co. LLP/ Mr. Pujan Kamani, IPD Analytics
- 12:00-1:30 pm – Patent Drafting: Hands-On Training
Resource Person: Mr. Nishit Patel, Patent agent, Partner at Singhania & Co. LLP/Mr. Pujan Kamani, IPD Analytics
- 1:30-2:30 pm – Lunch Break
- 2:30- 3:30 pm – Patent Drafting: Hands-On Training (Continued)
- 3:30-4:30 pm – Competitive Exercise
Member of evaluation panel: Dr. Hemal Tandel, Dr. Bhavik Chauhan, and Dr. Prashant Murumkar
- 4:30-5:30 pm – Concluding Session & Certificate Distribution