



Faculty of Pharmacy

The Maharaja Sayajirao University of Baroda
Vadodara

*Ranked 17th best Pharmacy Institute in India
by National Institute Ranking Framework
(NIRF)- 2019, MHRD, Government of India.*

*"Faculty of Pharmacy is a constituent Faculty of The Maharaja Sayajirao University of Baroda which is
accredited with **Grade 'A'** by **NAAC**"*

Vision

- ❖ To provide a platform for excellence in Academics and Research in the field of Pharmaceutical Sciences.

Mission

- ❖ To equip the graduates in Pharmaceutical Sciences with advanced professional knowledge by amalgamating the knowledge of physical, chemical, biological and clinical sciences with advancements in technology
- ❖ To provide quality education to the students in the field of Pharmaceutical Sciences
- ❖ To provide an environment for performing advanced path breaking research in the field of pharmaceutical sciences
- ❖ To produce graduates who are recognized for their personal initiatives and professional excellence in the field of pharmaceutical Sciences
- ❖ To inculcate moral, social and professional values in students
- ❖ To guide the students to imbibe core human values like honesty, integrity, reliability, selfless duty, social responsibility and accountability

List of Programmes offered

- **B.Pharmacy**

- Intake : 30
- Duration : 4 Years
- Mode of Admission: Through JACPC, Gandhinagar

- **M. Pharmacy**

Specialization	Intake	Duration	Mode of Admission
Pharmaceutical Technology	12	Two Years	Through ACPC, Gandhinagar,
Novel Drug Delivery Systems	06		
Pharmaceutical Chemistry	06		
Pharmaceutical Quality Assurance	06		
Pharmacology	06		
Herbal Drug Technology	06		

- Mode of Admission for B. Pharm and M.Pharm:
Admission process done by ACPC, L. D. College of Engg. Ahmadabad.
visit www.jacpc.ldce.ac.in.

Once the list of admitted candidates is declared by ACPC, those who are allotted seat at Faculty of Pharmacy, THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA, must apply online for temporary registration on <http://msub.digitaluniversity.ac>

- **Ph. D in Pharmacy**

- **List of Ph.D. Recognized Guides and Area of Specialization**

Name of Faculty	Intake	Area of Specialization
Prof. S. J. Rajput	08	Pharmaceutical Quality Assurance
Prof. Krutika Sawant	08	PT and NDDS
Dr. R. C. Mashru	08	Pharmaceutical Quality Assurance
Dr. Kirti Patel	04	Pharmacology
Dr. Hetal Thakkar	04	PT and NDDS
Dr. Prashant Murumkar	04	Pharmaceutical Chemistry

- **Mode of Admission:**

Prerequisite qualification:

1. M. Pharm. degree with minimum 50% marks
2. GATE/GPAT qualification or PET (M.S. University of Baroda) qualified candidates

***Ph.D. admission would be as per the University ordinance (O.Ph.) and subject to availability of seats with concerned teachers.**

Special Recognition From Government Agencies

- ✚ DRS (Phase-II), UGC, New Delhi
- ✚ QIP Cell (AICTE), New Delhi
- ✚ TIFAC CORE in NDDS of DST, New Delhi
- ✚ GPAT (AICTE) Examination Cell (2010-2012)

Major Research Areas

Pharmaceutical Technology and New Drug Delivery System

- ✓ Formulation development of New drug delivery systems (Liposomes, Microparticles, Nanoparticles, Niosomes, etc)
- ✓ Novel Drug Delivery Systems for Oral and Systemic Delivery.
- ✓ Targeted delivery systems exploration for Cell, Tumor and Local Delivery to Lung/ Mucosal membrane
- ✓ Protein, Peptide and Gene Delivery
- ✓ Nasal Delivery, Brain Targeting and Colon Targeting
- ✓ Controlled Drug Delivery System
- ✓ Formulation approach for Bioavailability and Stability enhancement

Pharmaceutical Quality Assurance

- ✓ Development and Validation of analytical methods for : APIs and their formulations (alone and in combination)
- ✓ Development and Validation of Bioanalytical methods
- ✓ Stability studies of formulations
- ✓ Impurity profiling

Pharmaceutical Chemistry

- ✓ Designing and synthesis of Enzyme Inhibitors: TACE, Aromatase, Tyrosine Kinase, Falcipain, NNRTI', FXa etc.

- ✓ Molecular Modelling and Computational studies on various enzyme inhibitors
- ✓ Site specific chemical delivery systems
- ✓ Anti-hyperlipidemic and antihypertensive agents, anti-malarial and anti-TB agents

Pharmacology

- ✓ Pharmacological Evaluation of NCE from natural and synthetic sources
- ✓ Antioxidant activity of certain phytochemicals
- ✓ Toxicity studies

Herbal Drug Technology

- ✓ Phytochemical/biological investigations of drugs from herbal origin
- ✓ Design and development of herbal based formulations
- ✓ Standardization of herbal drugs and herbal formulations

Annual Events

- Scintilla (Technical event)
- Sambhav (Social event)
- Pharmacup (Sports event)
- Prof. S. K. Banerjee Memorial Oration (MPA)
- Kanan Mehta Memorial Lecture Series (MPA)
- N.M. Patel Distinguished Alumnus Award (MPA)
- Students Felicitations (MPA)
- Students aid programme
- Hospital and Industrial visit
- Campus Placement

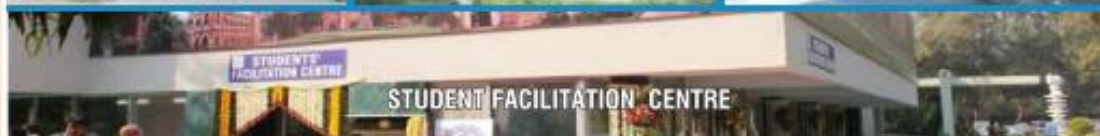
Genesis of Faculty of Pharmacy

1973	Graduate Pharmacy course initiated under Faculty of Technology & Engineering as a part of Applied Chemistry Department.
1976	Formation of Pharmaceutical Society.
1977	First batch of Pharmacy Graduates passed out.
1978	Inauguration of new pharmacy building in Kalabhavan Campus.
1979	Introduction of First M. Pharmacy course in Pharmaceutical Analysis.
1983	First Doctorate degree in Pharmacy awarded. Introduction of Second M. Pharmacy course in Product Development.
1996	Formation of "MSU Pharmacy Alumni Association" (MPA) as Registered Trust and Society
1997	Inauguration of Shri G. H. Patel Pharmacy Building at Maharaja Pratapsinhrao Gaekwad Parisar, Fatehgunj. Silver Jubilee Celebration of the Department.
1998	DST instituted TIFAC-CORE centre under mission REACH in New Drug Delivery Systems, DRS Recognition under Special Assistance Programme (SAP) of UGC, New Delhi.
2003	Introduction of QIP Cell by AICTE, New Delhi for M. Pharmacy and Ph. D. Programs for teachers.
2004	Introduction of M. Pharmacy course in New Drug Delivery Systems for the First time in India.
2010	AICTE, New Delhi authorized Pharmacy Department, The M. S. University of Baroda to organize national level 'GPAT' Examination.
2011	Recognition under FIST program by DST, New Delhi.
2012	AICTE, New Delhi recognized the Department as the Nodal QIP (Pharmacy) Cell.
2015	The senate of M.S.U. approved the establishment of Faculty of Pharmacy at it's meeting held on 11th September, 2015 (vide notification no. ADM/senate/394 dated 03rd December, 2015).

Central Facilities

- ✓ Kamala Raman Vatika
- ✓ Hansa Mehta Library
- ✓ (1600 Seating capacity at one Time with AC)
- ✓ T.K Gajjar Library
- ✓ Hostel Facility (Boys and Girl separated)
- ✓ MSU Guest House
- ✓ C.C Mehta Auditorium
- ✓ University Press
- ✓ Student Facilitation Centre
- ✓ MSU Pavillion
- ✓ Multipurpose Gym

- ✓ Multi Purpose Indoor Hall
- ✓ Handball Court
- ✓ Hockey Field
- ✓ Badminton Court
- ✓ Cricket Field
- ✓ Athletic Track
- ✓ Kabaddi Ground
- ✓ NCC Activity
- ✓ NSS Activity
- ✓ Health Centre
- ✓ 24X7 Wifi Facility
- ✓ CCTV Surveillance



CONTACT



Office

Faculty of Pharmacy

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Center for Postgraduate Studies and Research in Pharmaceutical Sciences



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