

समुचित ~ ज्ञान ~ समन्वय



ESTD - 2007

GRADUATE SCHOOL OF PHARMACY



About GTU

Gujarat Technological University (GTU) is a premier academic and research University 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 **more than 440 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.

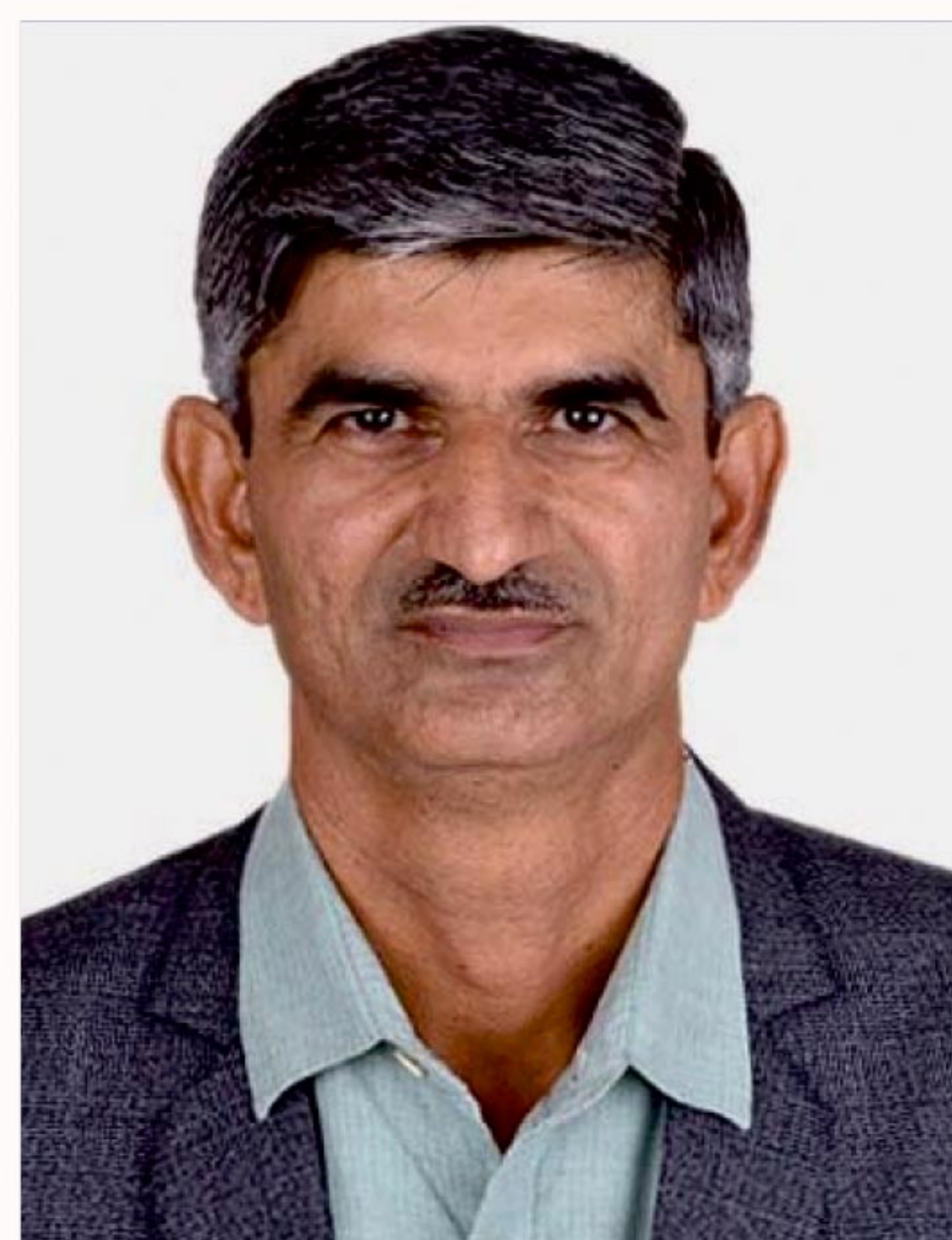


Visionary Leadership



Prof (Dr) Navin Sheth

Hon'ble Vice Chancellor
Gujarat Technological University



Dr K. N. Kher

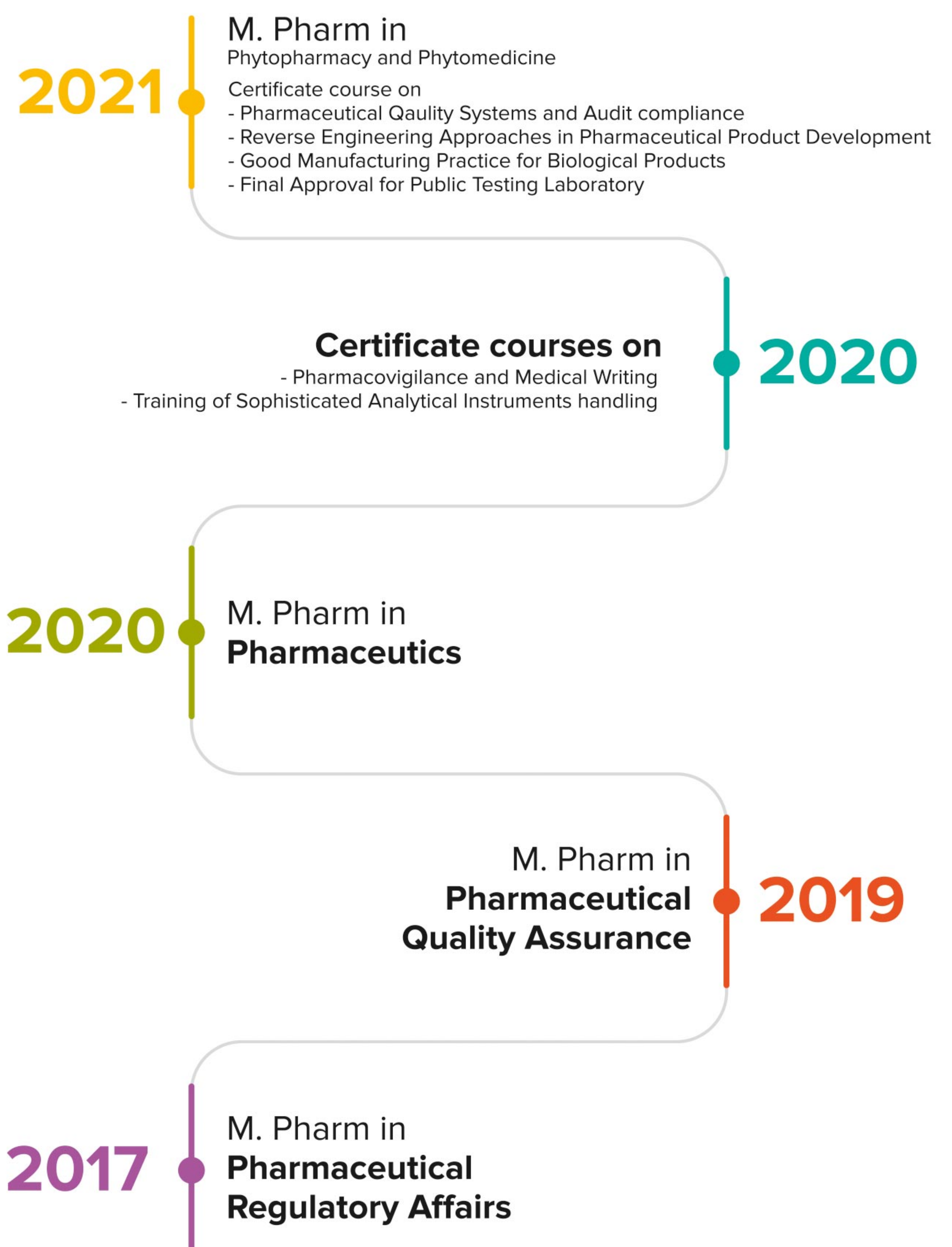
Registrar
Gujarat Technological University



About GSP

Graduate School of Pharmacy (GSP) at Gujarat Technological University is a trusted name in Pharmaceutical education with commitment of students, faculty, guidance of Prof. (Dr.) NavinSheth, Visionary Educationalist and Vice Chancellor of GTU and support of other stake holders, the institute is growing In the field of Pharmaceutical Application Pharmaceutical Education and Research. The GSP was established from academic year 2017-18. It offers M.Pharm level courses approved by All India Council for Technical Education (AICTE) and Pharmacy Council of India (PCI). Currently it offers M.Pharm in Pharmaceutical Regulatory Affairs, Pharmaceutical Quality Assurance, Pharmaceutics and Phytopharmacy and Phytomedicine courses.

Time Line



Vice Chancellor's Message



Universities play vital role in social, economic, intellectual development of the nation. A notable illustration of such is Nalanda, Takshashila, Valabhi ancient India vidhyapiths, and IISc-Bangalore, BHU, IITs of contemporary India. In the light of current demand and future scope, GTU has launched a noble step to launch postgraduate schools in the fields of pharmacy, engineering and technology and management.

It aspires to be one of the leading graduate schools in pharmacy to cater the growing need of qualified Post- Graduate level (PG & Ph.D.) human resources for Pharmaceutical Industries, Research Organizations, Pharmaceutical Education and Healthcare Sector.

I can see bright future of students doing their post-graduation from GSP. I wish that they contribute in the development of NEW INDIA – A dream of Mahatma Gandhi and moving forward by Shri Narendra Modi – Honourable Prime Minister of India.

Registrar's Message



We strongly believe that it's the only education that plays an important role in creating improved living standards, improving productivity, and supporting national economic and health objectives. Thus, the student programme is adapted to ensure that his/her educational goals are attained using state-of-the-art education. The university is always committed to providing education that lead to worldwide degrees, yet competitive within the current academic environment, that are important for today's workplace. We dedicate ourselves to meeting the needs of our students.

Director's Message



Graduate School of Pharmacy (GSP), at Gujarat Technological University is in its infancy with commitments of students, dedicated faculty and support from University, and all other stake holders, its aspires to be one of the premier institutes in the field of Pharmaceutical Education and Research. We look forward for the support and collaborations with pharmaceutical industries, Drug Regulatory Authorities and all concerned with Pharmaceutical sector.



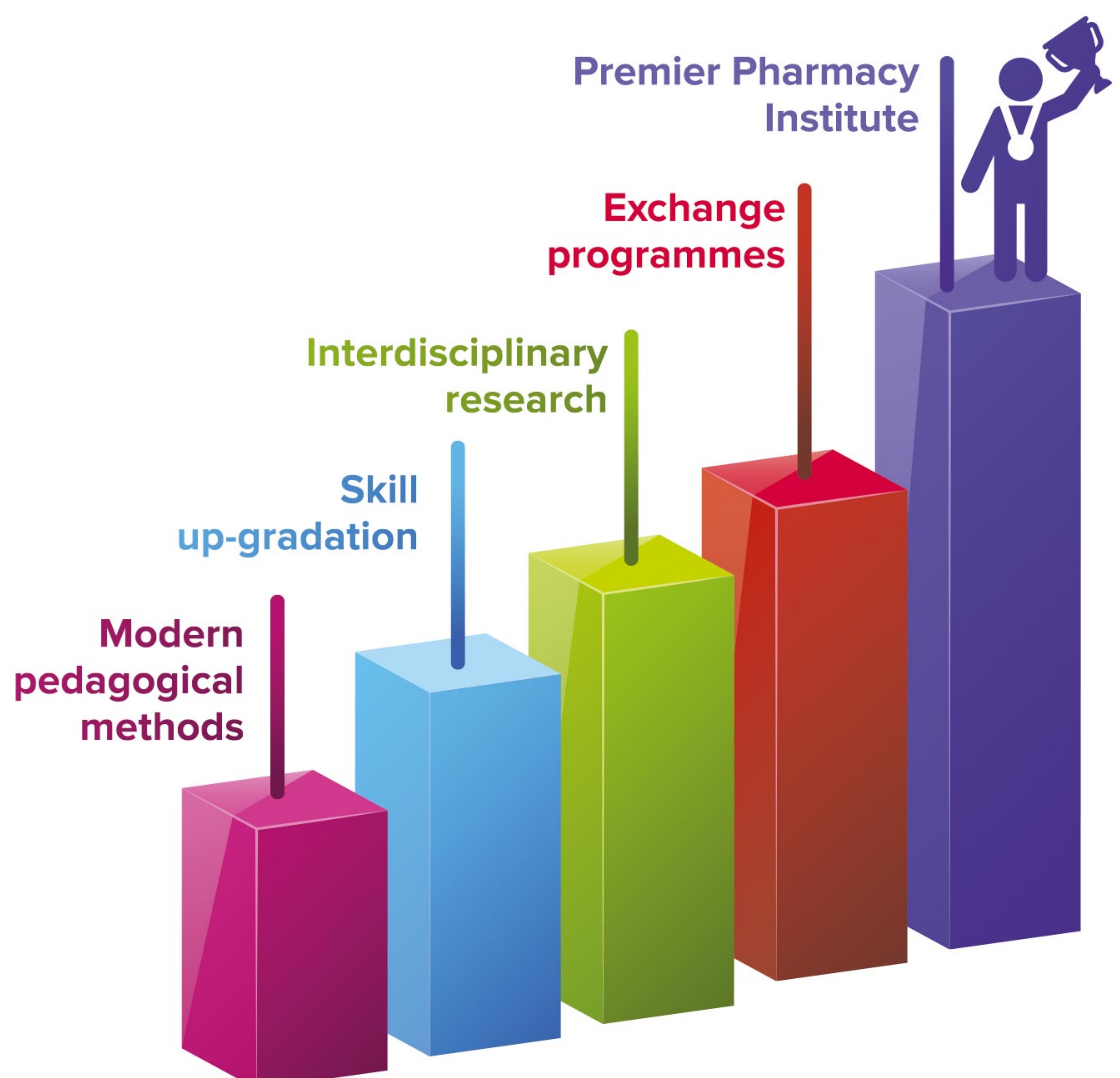
Vision

To emerge as a globally recognized premier Pharmacy Institute in Teaching, Research, Innovations, Consultancy and Entrepreneurial Training in Pharmaceutical Sciences.

Mission

1. To implement modern pedagogical methods to excel in teaching, learning and research through necessary resources.
2. To develop a transparent management system that facilitates staff development and encourages innovation and flexibility.
3. Development of multi talent human resources by skill up-gradation of students through specialized courses and training and by facilitating international student and faculty exchange programmes.
4. To engage in translational research through interdisciplinary research team and intensive symbiosis with the industries & research institutes for mutual benefits.
5. To organize International & National conferences, structured workshops and outreach programmes for the benefit of students, professionals and society.

Mission

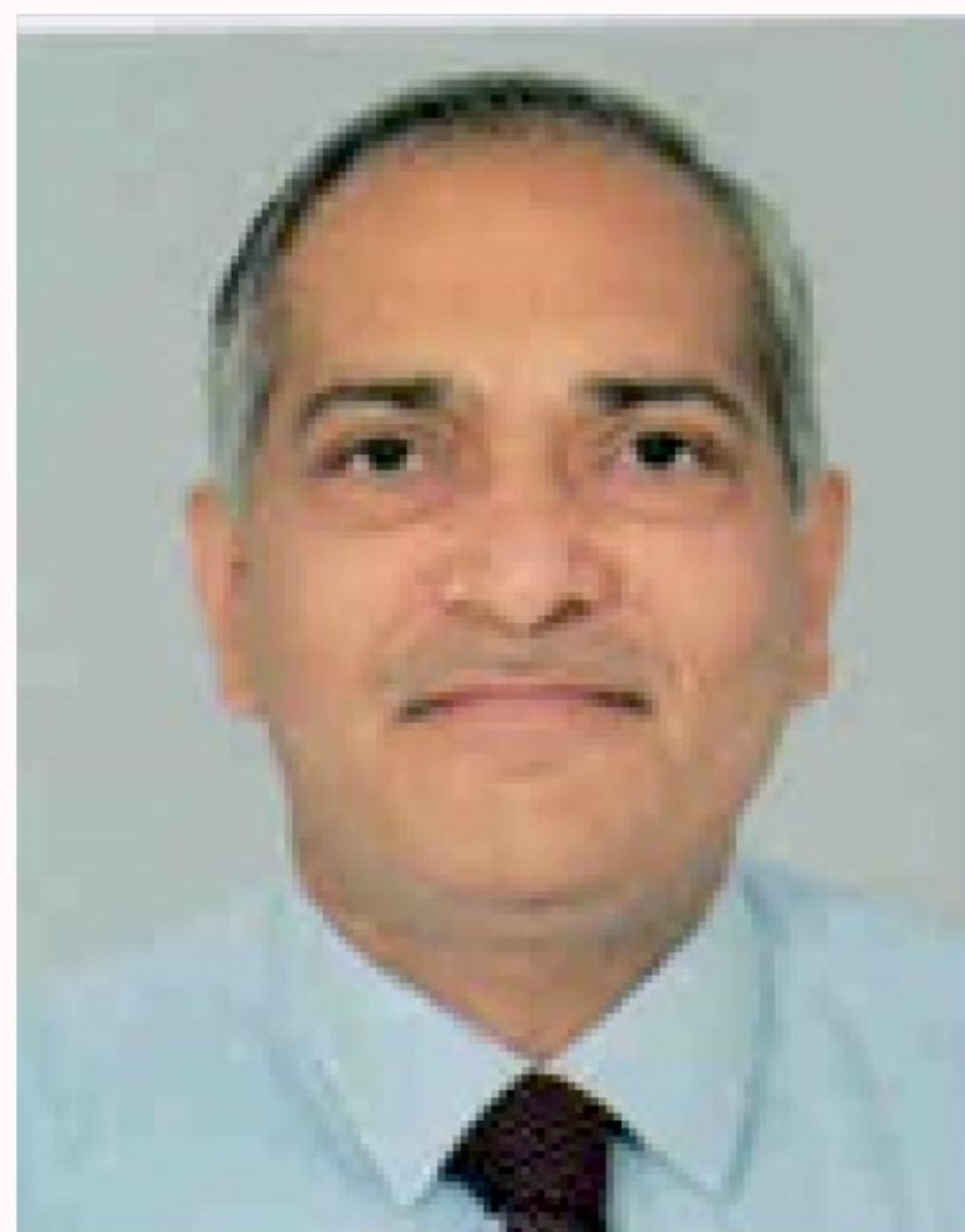


Program Offered

No.	Program Offered	Intake	Fees
01.	M. Pharm in Pharmaceutical Regulatory Affairs	15	25000/- per year
02.	M. Pharm in Pharmaceutical Quality Assurance	15	25000/- per year
03.	M. Pharm in Pharmaceutics	15	25000/- per year
04.	M.Pharm in Phytopharmacy and Phytomedicine	10	25000/- per year
05.	Certificate Course in Pharmacovigilance and Medical Writing	15	10000/- Per course
06.	Certificate Course for Training of Sophisticated Analytical Instrument Handling	20	15000/- Per course
07.	Certificate course on Pharmaceutical Quality Systems and Audit compliance	30	10000/- Per course
08.	Certificate course on Reverse Engineering Approaches in Pharmaceutical Product Development	30	10000/- Per course
09.	Certificate course on Good Manufacturing Practice for Biological Products	30	10000/- Per course

Faculty Details

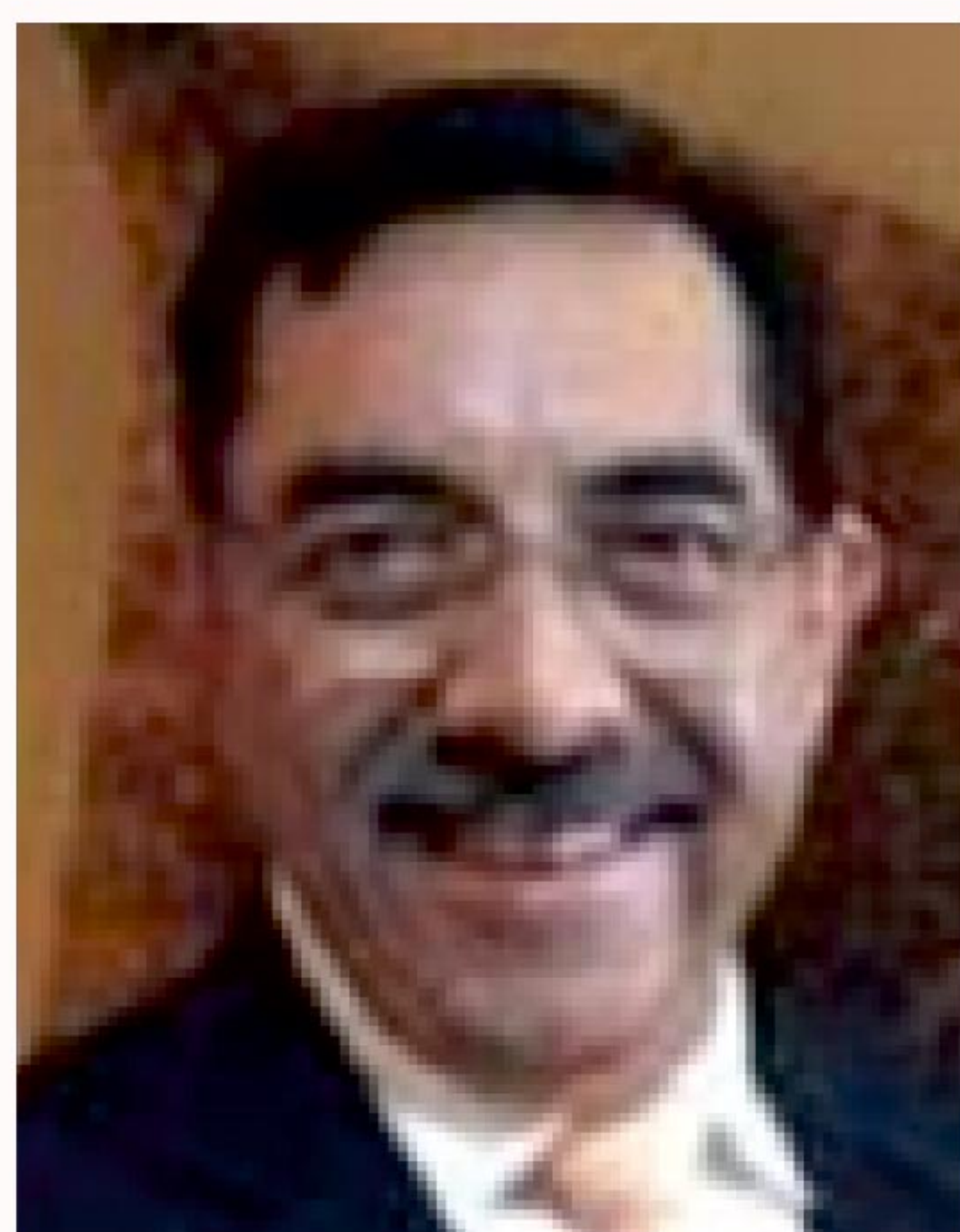
Dr. Jayant Dave Adjunct Faculty



Pursued bright academic career at M.S.University of Baroda, Vadodara, earned a Ph.D. in Pharmaceutical Sciences from the same institute and then worked in the pharmaceutical industry for over 25 years in different facets. Rendered technical consultation services to industry, notably Zydus Cadila and Akums Drugs & Pharmaceuticals Ltd, mostly in the areas of GMP, QA and Pharmacovigilance.

Moving to academia, served as Director of the Postgraduate Department at Shree Sarvajani Pharmacy College in Mehsana for 12 years. Recently joined GTU as adjunct professor for post graduate program. Guiding 3 Ph D. students in QA, Clinical pharmacy & RA. Acclaimed speaker and writer on professional and philosophical subjects. Currently serving as President of the Gujarat State Branch of the Indian Pharmaceutical Association. The Indian Pharmaceutical Association conferred a fellowship award in March 2012 for dedicated services to profession.

Soumitra Banerjee Adjunct Faculty



He has 30+ years of successful international business of which 25 years in the corporate work with Pfizer, Eli Lilly, Rubamin and ZydusCadila. Expertise in Life Sciences, Specialty Chemicals and Medical Devices. Entrepreneurial leader with a passion for delivering competitive advantage in International Driven Companies in Start Ups, turn around and growth environments as business heads & P&L responsibility. Areas of expertise include in-licensing, high containment technology operations, deal structuring, outsourcing & alliance management. Have significant experience of selecting and managing CROs for outsourced work, specialized in putting together complex deals and building consortia for drug development, management audits etc. Offering boutique consulting services through offices in Tel Aviv, Singapore, New Jersey and Ahmedabad

Dr. Sanjay Chauhan
Director & Professor



He is experienced Academic Entrepreneur serving as Professor, Graduate School of Pharmacy, Gujarat Technological University and focus on the Nature based Drug Design and nutraceutical Development. Passionate about innovation and entrepreneurship and also serves as Director, GTU Innovation Council. Founder of DIPP recognized faculty Startup SHPERO Health LPP with demonstrated academic research to commercialization of product Hempoin Capsule. Skilled in Strategic Planning, Public Speaking, Research, Management and Leadership. Strong Indian education development professional with Entrepreneur mindset from India.

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Dr. Dashrath M. Patel
Associate Professor



He is an Academician & Research Mentor for Pharmaceutical F&D. He has completed his Ph. D from North Gujarat University. He has 21.5 years of experience including research, PG teaching, administrative and industrial. Before joining GTU-Graduate School of Pharmacy, he has worked as Professor & HOD, Principal, CoE and Director-PG & Research at various institutes. His area of interest is formulation development of conventional and Novel Drug Delivery Systems using concepts of QbD-DoE. He is a Life member of IPA, APTI and APP. He has 75 Research publications and 05 books to his credit. He has filed 01 Patent. He has guided 36 M. Pharm & 7 Ph.D Scholars. He has completed 2 funded research projects and 3 consultancy assignments.

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Dr. Manju Misra
Associate Professor



Dr Misra, primarily works in the area of targeted drug delivery (Neurodegenerative and ocular disorders) solid state modification techniques (solid dispersion, electrospraying, nano crystallization, reverse engineering studies etc.) and pharmaceutical applications of cow ghee. She brings with her a good mix of both academic and industrial experience of over 12 years, and has received several grants from reputed funding agencies like DST-INSPIRE, DBT RGYI, SERB-EMR, DOP-PPDS, travel from grant-DST/DBT etc. She has to her credit more than 50 publications in peer reviewed international journals, more than 25 poster publications including four international oral presentations, book chapters and several invited talks to her credit.

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Dr. Kashyap Thummar
Assistant Professor



He is currently working as an Assistant Professor and has 10 years of teaching and research experience. He has received the prestigious recognition as a UGC BSR meritorious Fellow to pursue his PhD from the UGC, Government of India. He has received various grants from GUJCOST, SSIP, UGC for research and seminars. He has guided 36 M. Pharm students till now and published 15 research papers in reputed journals, 1 book from German publication house and 2 patent publications, 2 international oral presentations to his credit. His research interest includes Extractable and Leachable studies, Impurity profiling, Analytical and Bioanalytical method development of small molecules and its pharmaceuticals applications.
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Dr. Jigna Vadalia
Assistant Professor



Dr. Jigna Vadalia is an Assistant Professor at Graduate School of Pharmacy (GSP). She has eight years' experience of teaching and research. She is completed her PhD from Saurashtra University and received a scholarship (BSR-Meritorious fellowship) by UGC for PhD research work (2014-2019). Her research area is bioactivity guided isolation of active constituents from plants and standardization of herbal drugs. She was awarded with National level "Pharm Innova award 2016" in M Pharm Pharmacognosy category for Best Research guide Award.
Email: ap_jigna@gtu.edu.in

Mr. Uday Vegad
Assistant Professor



He pursued B. Pharm from L. M. College of Pharmacy and M. S. (Pharm.) in Natural Products from NIPER, S.A.S. Nagar. He has 10 years of experience in research, innovation and regulation of drugs, AYUSH drugs and medical devices. His experiences include working on project "Drugs from Sea" at CSMCRI, setting up laboratories and handling industrial projects at AUM research Laboratories, regulating drugs and cosmetics as a drugs inspector at Gujarat FDCA. His field of interest include Natural Products Research including Bioactivity Guided Phytochemical Investigations, Standardization of AYUSH drugs, Novel Drug Delivery Materials of Natural Origin and Medical Device Regulations. You will find him reading/listening to books in his leisure time.
Email: udaykumar@gtu.edu.in

Mr. Ravisinh Solanki

Assistant Professor



Currently working as an Assistant Professor at Graduate School of Pharmacy. He has total eight years of experience in industrial research and teaching. He has pursued Post-Graduation from Institute of Pharmacy, Nirma University in 2013. He has completed Post Graduation Diploma in Regulatory Affairs from Gujarat University in 2013. He has 6 and half years of Industrial research experience in R&D organization of Sun Pharmaceutical Industries Ltd at Vadodara. He has worked on various complex generic formulation including depot injections, microspheres, liposomes, injectable suspension, ophthalmics and aerosols. His area of expertise includes degradation studies, analytical method development, analytical method validation, stability studies, impurity profiling, regulatory response and troubleshooting.

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Mr. Ravi Patel

Assistant Professor



He is experienced Researcher and Assistant Professor at Graduate School of Pharmacy- GTU. He has more than six years of R & D experience in the area of Analytical Development, Technology Transfer, Quality and Compliance. He was Senior Executive at R&D center of Sun Pharmaceutical Industries Ltd, Vadodara. He is proficient with pharmaceutical testing and test protocols involving compendial and non-compendial methods and method transfer. Expert in chromatographic analysis, especially in HPLC, IC, ICP MS and LC-MS/MS and troubleshooting. Having knowledge of various software like LIMS, EDMS, Empower and eCTD. Consistently delivering project on time with high quality.

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Ms. Bhumika Maheriya

Assistant Professor



She is currently working as an Assistant Professor at GSP, GTU. She has more than 8 years of experience in research and teaching.. She has published 5 research and review papers in national and international journals. Her research area mainly focuses on Clinical Research Regulation of Drugs and Medical Devices and application of eCTD software for regulatory filling. She is member of International Society of Pharmaceutical Regulatory Affairs. She has also worked as an Institutes Internal Guide for 6 students of M. Pharm (PRA) A.Y. 2018-19 and 2019-20. Currently 03 students are pursuing their PG work under her guidance in the domain of regulatory affairs.

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Ms. Asmatbanu Pathan

Assistant Professor



She is an Assistant Professor at GTU-GSP from September 2017. She has 3.5 yrs of teaching experience. She is Master in Quality assurance and Pharmaceutical Regulatory Affairs (2016) from L. J. Institute of Pharmacy, Ahmedabad & GPAT Qualified in 2014. Her interest in International Regulatory Affairs, Documentation preparation and eCTD software application compilation. She was Member of Women Development Center GTU from 2018-21 & is a member of ISPRA. She has published 4 review papers in reputed journals and presented 2 papers in International conferences. Participated in many Webinars, Seminars, Workshops, FDP organized by various Institutes & guiding M.Pharm students

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Ms. Hardi Joshi

Assistant Professor



She is working as an Assistant Professor at Gujarat Technological University – Graduate School of Pharmacy. Prior to join GTU, she had worked with Accuprec. Research Labs. Pvt. Ltd., Ahmedabad as a Research Assistant (Quality Assurance. Department). She completed her Post-Graduation in Quality Assurance from Department of Pharmaceutical Sciences, Saurashtra University. Currently, she is pursuing Ph.D. under the supervision of Prof. (Dr.) Navin Sheth Sir. Her area of interest is analytical method development using sophisticated analytical instruments like HPLC, LC-MS/MS, FTIR etc. She has attended training program for QAU at National Good laboratory practice (GLP) Compliance Monitoring Authority (NGCMA) Delhi, during her Industrial Job.

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About the Programme

A) M. Pharm (Pharmaceutical Regulatory Affairs)

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This course contributes to a complete education in the major elements of pharmaceutical regulatory and quality compliance. It is intended to give education on the relevant laws and regulations at industrial level. Students are encouraged to improve their knowledge and to examine careers in these exciting times of regulatory and compliance problems. The constantly changing rules and legislation are increasing the demand for specialists in the field of pharmaceutical regulation, who can enable firms to successfully sell medical goods. The lesson is helpful since after successful completion it provides numerous careers. The course also offers information in prescribed manner with regulatory authorities using available e-CTD software to complete new drug development, production, control, stability studies, packaging, labelling etc.

B) M. Pharm (Pharmaceutical Quality Assurance)

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Quality assurance in pharmaceuticals is now an area which satisfies the essential needs of the health business it serves. Give the market a mandate to systematically, sustainably and scientifically consistent approach to the production of pharmaceuticals under the SOPs. Quality assurance is a field in which experts have always been able to grow and thrive. To this aim, we have maintained a complete pattern of learning to assure that all our students have the perfection of an industry-relevant mix of knowledge and practise. We make sure that every student is chosen through onsite interviews with highly paid employment in their bags, with our experienced pool of professors and great structural amenities.

C) M. Pharm (Pharmaceutics)

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The 2-year M. Pharm programme in Pharmaceutics, aims to create proficient pharmacy professionals who respond to the requirements of academics, industry and research in formulation. This curriculum provides key skills for formulations, processes and production which are vital ingredients in the creation of classic and new medication systems for the pharmaceutical sector.

D) M. Pharm (Phytopharmacy and Phytomedicine)

”

Due to the promising efficiency of traditional remedies in certain illnesses, the charming subject of Phytopharmacy has gained tremendous appeal. With these progressions it is important to grasp the new facets of phytopharmaceuticals and phytomedicines more thoroughly. The goal of that course is to develop knowledge-based skills on the various aspects of herbal drug development. It is thus envisaged that our institute would be able to acquire educated human resources for companies in plant-based products, nutraceutical products, cosmeceutical products and related areas by bringing together recognized and proven facts on these matters.



Best Academic Practices

- » Hands on experience for dossier preparation using eCTD software.
- » Each student assigned a Supervisor/ Co supervisor with Industrial background for Dissertation Project.
- » Opportunity for students to undertake Summer Industrial Training.
- » Training for Intellectual Property Rights (IPR) in Collaboration with GTU – Innovation Council.
- » Problem solving approach for research work
- » Advanced QA and Pharmaceuticals Laboratory setup



Salient Features

- » Experience faculty
- » Affordable fees
- » Placement Assistance facilities
- » Multimedia classroom with wifi enable campus
- » GTU Innovation council for encouraging startup activities
- » Central instrumentation facilities with advance instruments
- » Atal incubation center (AIC) supported by DST for promoting entrepreneurship and innovative mindset in the field of Pharma, Biotech and medical device
- » Government approved public testing laboratories to cater the growing needs of industry and academic



Placement Partners





Laboratory Facilities

» UV Spectrophotometer

» FT-IR Spectrophotometer

» Particle Size Analyzer

» Bench Top NMR (100 Mhz)

» Dissolution Apparatus

» DSC

» RT-PCR

» Rotary Tablet Machine

» Rheometer

» Fluid Bed Processor

» HPLC

» HPTLC

» LC-MS/MS

» Spray Dryer

» GC-MS/MS



Any Many More...

Faculty Participation (International Presentation)



Dr. Rajesh Parikh (Founding Director-GSP)

Dr. Rajesh H. Parikh was deputed by GTU and Hon. V. C. Sir at 1st General Assembly Meeting of Asia Professional Education Network (APEN) & 1st AIID Seminar which was held at Japan from 1st July, 2019 to 3rd July, 2019 where he delivered a talk.



Dr. Sanjay Chauhan

Dr. Sanjay Chauhan was deputed for participating in Roadshows at Africa organized by GoG under Study in Gujarat initiative. 13-16 February 2020: Nairobi - Kenya (Road show 13-14, 15-16 Weekend) 17-18 February 2020: Kampala - Uganda 20-23 February 2020: Harare - Zimbabwe (Roadshow 20-21, 22-23 Weekend) 24-25 February 2020: Maputo - Mozambique



Dr. Kashyap Thummar

Oral presentation given in International symposium on HPTLC, at Berlin, Germany in July, 2017



Dr. Kashyap Thummar

Oral Presentation of his research given in International conference held at Sydney, Australia in November 2018.

Extra-Curricular Activities / STUDENT ACTIVITY

- Students of M. Pharm Batch 2018-2019 has attended International & National Conferences-presented posters and papers, workshop, Patent Clinic of IPR and One Week Training Program.
- Students of M. Pharm Batch 2018-19 attended Industrial Training Program and dissertation work at different Pharmaceutical Industries like Amneal, Zydus Cadila and Stallion Laboratories.
- Students of 2017-18 are well placed at different reputed pharmaceutical companies like Intas Pharmaceuticals, Sun Pharmaceuticals, Accutest and Saviour Pharma.
- Indoor/ Outdoor Sports Activities
- Cultural Activities

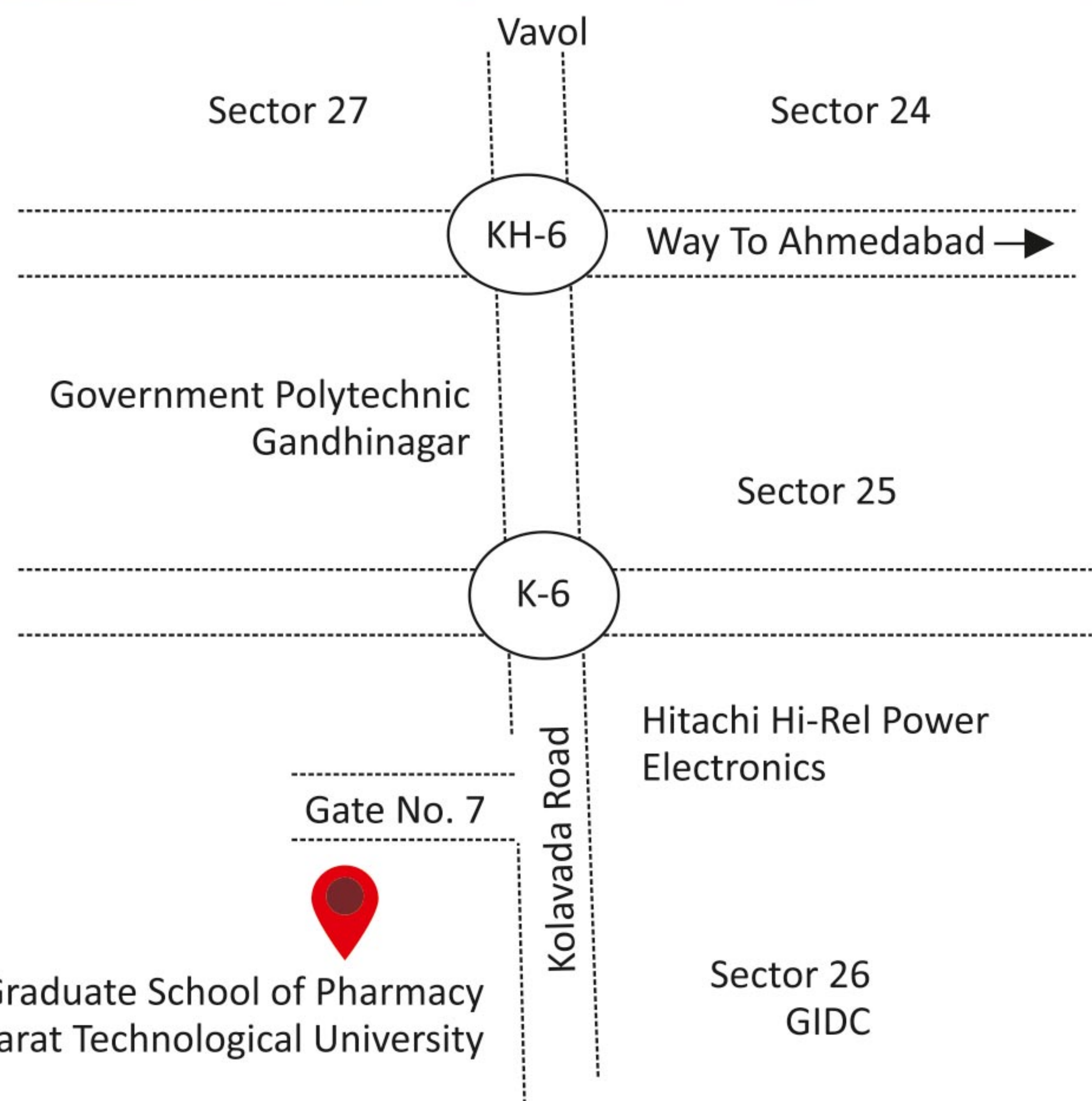
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TECHNOLOGICAL
UNIVERSITY**

“INTERNATIONAL INNOVATIVE UNIVERSITY”



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