



SCHOOL *of*
PHARMACY

World's First University
for Life Transformation



Pharmacy

B.Pharm | M.Pharm | Ph.D

- B.Pharm Program accredited by NBA (Period of 5 Years) up to year 2022.
- Ranked amongst first 75 pharmacy institutes (NIRF 2018) in India.
- Received Research grant of 2.5 Cores by DBT, DST, DST-FIST, DST-SERB, CSIR, Government of India.
- Ranked in the platinum category for the 4th consecutive years by AICTE CII, survey of industry linked institutes.
- Recognition under Section 2 (f) & 12 (B) UGC Act 1956.
- Recognized as 3rd Best Institute in 2016 by India in Corporate Employability - HR Club, Mumbai.
- Well equipped cell biology laboratory.

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UNESCO Chair for Human Right,
Democracy, Peace & Tolerance
World Peace Centre(Alandi)
Pune, India

mitwpu.edu.in



Dr. Vishwanath Karad

**MIT WORLD PEACE
UNIVERSITY | PUNE**

TECHNOLOGY | RESEARCH | SOCIAL INNOVATION & PARTNERSHIPS

SINCE 1983



Faculty of Pharmacy

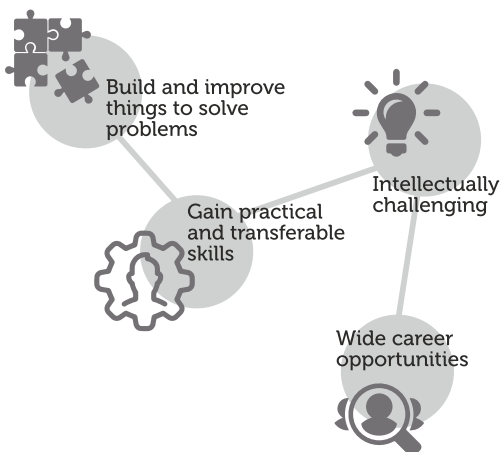
The School of Pharmacy of MIT-WPU, along with the regular curriculum provides short-term courses (Drug Regulatory Affairs, Analytical Instruments and Pharmaceutical Validation, Intellectual Property Rights) and training to students to fill the gap between industry and academia. The gaps are identified through alumni meets, alumni feedback, campus interviews, industry and employers feedback, parents meet and through the academic advisory committee. The gap is bridged by organising activities such as guest lectures, seminars, conferences, industrial visits, industrial training, certificate courses, short term research projects and functional Memorandum of Understanding with the industries. Students are also given exposure to the latest advancements in the areas of molecular biology, cancer research, diagnostic techniques, drug design & discovery, formulation & development of drugs, GMP/GLP, herbal drugs etc. Extracurricular activities, sports and world peace components are taught to students for overall development.

Why this faculty?

The healthcare sector in India needs expert manpower in the field of manufacturing, research and clinical services. There is a vast demand for competent and qualified pharmacists in the global healthcare sector. There are numerous job opportunities in the pharmaceutical sector in the areas of manufacturing, marketing, research, academics and clinical services. The institute has very strong links with the industry and continues to receive generous support from various organisations that proves to be of immense value in arranging training and placements for students to strengthen their technical and personal skills. The placement cell has an excellent placement record. Renowned companies like Sun Pharma, Lupin Ltd., Cognizant, IT Cube, TCS Ltd., Dr. Reddy Lab, Emcure Ltd., Sanofi Ltd., Indico Ltd., FDC Ltd., Unichem Lab, Cadilla Ltd., Micro Lab etc have recruited our students with lucrative pay package.

Faculty of Pharmacy Creating Solutions

Candidates desirous of pursuing a career in the field of Pharmaceutical Sciences must consider this course. The course will be beneficial in acquiring the knowledge and skills required in the pharmaceutical industry and for clinical practices. The School of Pharmacy offers an Undergraduate course (Bachelor of Pharmacy), a Postgraduate course (Master of Pharmaceutical Quality Assurance, Pharmaceutics and Pharmaceutical Chemistry) and the Ph.D School of pharmacy has 2 decades of glorious history in the academics and research in the field of pharmaceutical education and science in India.



B.Pharm

Bachelor of
Pharmacy

About B.Pharm

The B.Pharm course is designed considering the needs of the industry; the course gives emphasis on the development of skill and knowledge to take care of challenges and opportunities. The school nurtures an attitude conducive to self-learning, life-long learning and promotes integration of professional knowledge and skills with research competencies. The school cultivates an inclination for higher learning, entrepreneurial abilities and research. Excellent facilities are provided to students. B.Pharm graduates are recruited by industry for various important functions such as industrial pharmacist (manufacturing, packaging, quality control and quality assurance), Hospital and Community Pharmacist (dispensing of medicines and counseling of patients), Sales and Distribution Executive (product management team, detailing to doctors and bulk distribution of medicines), Academic Pharmacist (training diploma in pharmacy students).

The course of study for B.Pharm has eight semesters (four academic years) and six semesters (three academic years) for lateral entry students. The curricula and syllabi for the program shall be revised from time-to-time by the Pharmacy Council of India, New Delhi. A credit-based semester system is followed.

Learning Beyond Classroom

Extracurricular Activities

- Induction & farewell program
- Cultural activities: Annual social gathering, Dahi handi celebration, Teachers' Day celebration
- National Pharmacy Week
- World Pharmacist Day celebration
- National Service Scheme (NSS)
- National Cadets Corps (NCC)
- Journal club
- Book Club
- Magazine and Wall Magazine
- Bhartiya Chatra Sansad (BCS)
- Blood donation camp

Achievements

- Kausthubh Pawar secured 2nd Rank at All India level Graduate Pharmacy Aptitude Test (GPAT-2018).
- Vikram Joshi secured 1st Rank in SPPU 2016-17.
- Semonti Nandi secured 3rd Rank at All India Level in M.Pharm at HR club, campus to corporate competition 2015.
- National Pharmacy Week-2016, General Championship Trophy to B.Pharm.
- 3rd Prize in Magazine competition 2014-15 at University Level (SPPU) in Professional category.

Noted Alumni

Dr. Abhijeet Pandey
Senior Executive F&D,
US-1 Oncology Zydus
Cadila, Ahmedabad (2012)

Ms. Gauri Godbole
Senior Pharmacist,
Geriatrics. (2005)
NSW Health, Australia

Dr. Rahul S. Bhambure
Senior Scientist,
CSIR-NCL Pune (2006)

Mr. Apurva Modak
Scientist, Ingenus
Pharmaceuticals, New
Jersey, USA. (2011)

Ms. Rachana Shetty
Product Manager
Glenmark
Pharmaceuticals (2011)

Sports Facilities

A sports ground with
an area of three acre

- Basketball ground
- Well equipped gymnasium





Programme Structure

B.Pharm Semester I to IV

Semester I	Semester II	Semester III	Semester IV
Human Anatomy and Physiology I (T&P)	Human Anatomy and Physiology II (T&P)	Pharmaceutical Organic Chemistry II (T&P)	Pharmaceutical Organic Chemistry III (T)
Pharmaceutical Analysis I (T&P)	Pharmaceutical Organic Chemistry I (T&P)	Physical Pharmaceutics I (T&P)	Medicinal Chemistry I (T&P)
Pharmaceutics I (T&P)	Biochemistry (T&P)	Pharmaceutical Microbiology (T&P)	Physical Pharmaceutics II (T&P)
Pharmaceutical Inorganic Chemistry (T&P)	Patho-physiology (T)	Pharmaceutical Engineering (T&P)	Pharmacology I (T&P)
Communication skills (T&P)	Computer Applications in Pharmacy (T&P)	Pharmaceutical Organic Chemistry II (T&P)	Pharmacognosy and Phytochemistry I (T&P)
Remedial Biology / Remedial Mathematics (T&P)	Environmental Sciences (T)		

T-Theory, P-Practical

B.Pharm Semester V to VIII

Semester V	Semester VI	Semester VII	Semester VIII
Medicinal Chemistry II (T)	Medicinal Chemistry III (T&P)	Instrumental Methods of Analysis (T&P)	Biostatistics and Research Methodology (T)
Industrial Pharmacy I (T&P)	Pharmacology III (T&P)	Industrial Pharmacy II (T)	Social and Preventive Pharmacy (T)
Pharmacology II (T&P)	Herbal Drug Technology (T&P)	Pharmacy Practice (T)	Electives (T): <ul style="list-style-type: none"> Pharma Marketing Management Pharmaceutical Regulatory Science Pharmacovigilance Quality Control and Standardization of Herbals Computer Aided Drug Design Cell and Molecular Biology Cosmetic Science Experimental Pharmacology Advanced Instrumentation Techniques Dietary Supplements and Nutraceuticals
Pharmacognosy and Phytochemistry II (T&P)	Biopharmaceutics and Pharmacokinetics (T)	Novel Drug Delivery System (T)	
Pharmaceutical Jurisprudence (T)	Pharmaceutical Biotechnology (T)	Practice School	
	Quality Assurance		

T-Theory, P-Practical





M.Pharm

Master of
Pharmacy

About M.Pharm

The School of Pharmacy offers M.Pharm courses in 3 specialisations in the areas of pharmaceutical science (Pharmaceutical Quality Assurance, Pharmaceutics and Pharmaceutical Chemistry). These courses are useful for candidates who wish to develop a career in the field of academics and research. The school has highly qualified, experienced staff to guide students in the field of research. Students under the guidance of their allotted guide/s choose the recent topics of research. The school follows an anti-plagiarism policy and encourages original research work to be carried out by faculty and students. With higher qualification a large number of avenues are open for a challenging career in Pharmaceutical industries in several niche areas, including research, regulatory affairs, new formulation development, marketing, clinical project management and administration. An aspirant with experience can move up the ladder to occupy senior positions in pharmaceutical companies, getting good pay and perks.

The course of study for M.Pharm has four semesters (two academic years). The curricula and syllabi for the program shall be revised from time-to-time by the Pharmacy Council of India, New Delhi. The second year (Semester III & IV) involves dissertation work under the supervision of a guide from the school. Research methodology and biostatistics, Journal club and co-curricular activities are covered in the IIIrd semester.

Courses	Duration (in yrs)	Intake
Undergraduate : Bachelor of Pharmacy	4	60
Postgraduate : Master of Pharmacy		
i) Pharmaceutical Quality Assurance	2	15
ii) Pharmaceutics	2	15
iii) Pharmaceutical Chemistry	2	15
Doctor of Philosophy : Ph.D	3-5	
Ph.D in Pharmaceutical Sciences	As per MIT-WPU Rules & Regulations	

Certificate Courses
i) Drug Regulatory Affairs
ii) Analytical Instruments and Pharmaceutical Validation
iii) Intellectual Property Rights

Ragging is strictly prohibited in MIT-WPU Campus as per rules of Pharmacy Council of India, AICTE, UGC



PROGRAM STRUCTURE



M.Pharm Semester I

Sr. No.	Branches		
	Pharmaceutics	Quality Assurance Techniques	Pharmaceutical Chemistry
1	Modern Pharmaceutical Analytical Techniques	Modern Pharmaceutical Analytical Techniques	Modern Pharmaceutical Analytical Techniques
2	Drug Delivery System	Quality Management System	Advanced Organic Chemistry I
3	Modern Pharmaceutics	Quality Control and Quality Assurance	Advanced Medicinal Chemistry
4	Regulatory Affair	Product Development and Technology Transfer	Chemistry of Natural Products
5	Pharmaceutics Practical I	Pharmaceutical Quality Assurance Practical I	Pharmaceutical Chemistry Practical I
6	Seminar / Assignment	Seminar / Assignment	Seminar / Assignment

M.Pharm Semester II

Sr. No.	Branches		
	Pharmaceutics	Quality Assurance Techniques	Pharmaceutical Chemistry
1	Molecular Pharmaceutics (Nano Tech and Targeted DDS)	Hazards and Safety Management	Advanced Spectral Analysis
2	Advanced Biopharmaceutics & Pharmacokinetics	Pharmaceutical Validation	Advanced Organic Chemistry -II
3	Computer Aided Drug Delivery System	Audits and Regulatory Compliance	Computer Aided Drug Design
4	Cosmetic and Cosmeceuticals	Pharmaceutical Manufacturing Technology	Pharmaceutical Process Chemistry
5	Pharmaceutics Practical II	Pharmaceutical Quality Assurance Practical II	Pharmaceutical Chemistry Practical II
6	Seminar / Assignment	Seminar / Assignment	Seminar / Assignment

The second year (Semester III & IV) involves Dissertation work under the supervision of Guide from department. Research methodology and biostatistics, Journal club and co-curricular activities will be covered in III Semester.



Ph.D

Doctor of Philosophy

Intake:
08 students per Guide

About Ph.D in Pharmacy

School of Pharmacy offers Ph.D in Pharmacy.

Program Duration: Maximum time period is five years for submission of thesis, otherwise the candidate has to take re-registration. Candidates are required to carry out original research work in the chosen area of research and should follow the anti-plagiarism policy of the University.

Program structure: Student has to undergo a Course work in Research Methodology of one semester duration. Research Methodology will include quantitative methods, computer application, tools and techniques including instrumentation, communications skills, seminar presentation and review of published research work. Student will have to also appear for the subject paper of specialization (at least 2 Examination) field work, Seminar etc.

Recruiters:

- Cognizant
- TCS
- Dr. Reddy's
- Cadila
- Nestle
- Sun Pharma
- Emcure
- Syntel
- Indoco Remedies
- Zydus
- Lupin

MOUs with Industries

Ajanta Pharma India, Aurangabad Joint Research Project, Facility sharing, Tech. transfer, Industrial visit, Training, placement etc.

Arya Rasayani Bioresearch Labs LLP, Pune Collaborative industrial research projects, academic material exchange, guest lectures, joint publications, consultancy.

Nuhans Neutraceuticals LLP, Pune Industrial visits, Expert lectures, Training & Placement, Industrial Projects

Placement

Careers and Placements

Training and placement is an essential part of a developed and competitive institution, which is accepted as one of the most important portfolios in the pharmacy institution.

The placement cell prepares a strategy for its students for training and placement with the primary aim of finding a suitable and lucrative job in reputed companies. The institute has very strong links with the industry and continues to receive generous support from various organisations that proves to be of immense value in arranging training and placements to students to strengthen their technical and personal skills.

B.Pharm Year	No. of students appeared / interested	No. of students selected Through Campus/Off campus	No. of students secured admission for higher study	Highest Package (Lakh)
2017-2018	21	18	30	2.9
2016-2017	20	18	36	3.0
2015-2016	20	13	34	3.5
2014-2015	20	17	36	2.5

M.Pharm Year	No. of students appeared / interested	No. of students selected Through Campus/Off campus	No. of students secured admission for higher study	Highest Package (Lakh)
2017-2018	25	22	02	3.5
2016-2017	26	26	02	2.8
2015-2016	30	22	04	5.0

ELIGIBILITY

B.Pharm | Bachelor of Pharmacy

First year B.Pharm: HSC or its equivalent examination with Physics and Chemistry as compulsory subjects, along with Mathematics, Biotechnology or Biology and having obtained at least 50% marks (at least 45% marks in case of candidates of backward class categories and persons with disability belonging only to Maharashtra) in the above subjects taken together. Obtained Score in MHT-CET 2019 and/equivalent entrance examinations for outside Maharashtra state candidate.

B.Pharm lateral entry (to third semester): A person who has passed D.Pharm course (45% for open category & 40% for reservation category and persons with disability) from an institution approved by the Pharmacy Council of India under Section 12 of the Pharmacy Act.

Selection will be on the basis of marks in HSC (2019), MHT-CET (2019) and/or other equivalent entrance examinations through a one-to-one counselling round at MIT-WPU Kothrud Campus Pune in the month of June/July 2019. Reservations as per the norms laid down by the Government of Maharashtra for the year 2019-2020.

M.Pharm | Master of Pharmacy

First year M.Pharm : B.Pharm degree examination of an Indian University and having scored not less than 55% of the maximum marks. Obtained score in Graduates Pharmacy Aptitude Test (GPAT) conducted by National Testing Agency (NTA) MHRD Govt. of India. For sponsored candidates, a minimum of two years of full-time work experience. All students should be registered with the Pharmacy Council of India.

Ph.D | Doctor of Philosophy

Ph.D Course : Master in Pharmacy Degree with at least 55% marks in aggregate or its equivalent grade. Candidates are required to clear the entrance test of the university/equivalent test for admission.

A relaxation of 5% of marks, from 55% to 50%, or an equivalent relaxation of grade, may be allowed for those belonging to SC/ST/OBC (non-creamy layer)/Differently-abled and other categories of candidates, as per the norms laid down by the Government of Maharashtra for the year 2019-2020.

Scholarship Scheme is as per standard norms are made available for meritorious students. The same will be assessed by concerned department at the time of admissions.

Fee Structure

Undergraduate: Bachelor of Pharmacy

Bachelor of Pharmacy (4 years):

Fees ₹ 1,90,000 per year

Doctor of Philosophy: Ph.D

Ph.D in Pharmacy

Fees ₹ 65,000 per year

Post Graduate: Master of Pharmacy

Pharmaceutical Quality Assurance (2 years):

Fees ₹ 2,10,000 per year

Pharmaceutical Chemistry (2 years):

Fees ₹ 2,10,000 per year

Pharmaceutics (2 years):

Fees ₹ 2,10,000 per year

Application Fees: ₹ 1500/-
(Indian and Foreign Students)
For international students there will be separate processing fees.

Apply Online at mitwpu.edu.in



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MIT WORLD PEACE UNIVERSITY | PUNE

TECHNOLOGY, RESEARCH, SOCIAL INNOVATION & PARTNERSHIPS

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