



D Y PATIL
UNIVERSITY
PUNE, AMBI

Welcome to
21st Century
University
in India

School of
PHARMACY

D Pharm | B Pharm

Approved by Pharmacy Council of India,
New Delhi

D Y Patil University, Pune

Since 1983, D Y Patil Group of Institutions is a leading group known amongst the top education institutions in India. 'D Y Patil University, Pune was established vide Government of Maharashtra Act No. VI of 2019 and recognized by UGC, New Delhi, India.

D Y Patil Group of Institutions is founded to provide quality education and contribute towards the social responsibility. The foundation was laid by Hon'ble Dr D Y Patil in the year 1983 by starting the first engineering college in Navi Mumbai. Group began to grow exponentially in all the fields of education namely, Agriculture, Medical, Science, Engineering, Management, Design and many more. Under the leadership of father founder Padma Shri Dr D Y Patil group has more than 12 campuses across India those includes 5 Universities and more than 150 Institutes which are engaged in delivering education from KG to PG.

Our Journey

From 2006, at D Y Patil Technical Campus colleges namely **D Y Patil College of Engineering, D Y Patil School of Engineering Academy, D Y Patil Institute of Engineering and Technology, School of Pharmacy, Padmabhushan Vasantdada Patil College of Agriculture, D Y Patil Polytechnic, D Y Patil Institute of Management and D Y Patil School of Architecture** are successfully running UG and PG programmes which are approved by AICTE, MSBTE, PCI and COA wherein more than 7000 students are studying in the various programmes of campus.

Rich legacy and history of excellence spanning more than **13 years** resulted transforming as D Y Patil University, Pune Campus continued to provide cutting-edge programs.

MANAGEMENT LEADERS



Dr. D. Y. Patil
Founder President



Dr. Vijay D. Patil
President & Chancellor

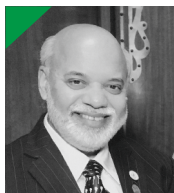


Mrs. Shivani V. Patil
Managing Trustee



Dr. Sayalee Gankar
Vice Chancellor

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Professor,
DYPU, Pune.



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AGM Project Management



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Principal, Dr. D Y Patil University
School of Pharmacy, Nerul, Pune



Brig Dr S M Garg
Ex AFMC
Ex Regional Director AHA



SCHOOL OF PHARMACY

School of Pharmacy is established under D Y Patil University and approved by Pharmacy Council of India, New Delhi in the year 2019 which aims to offer Graduate and Diploma Programme in Pharmaceutical Sciences. Our programme shape specialist pharmacists well-equipped to pave a way towards progressive healthcare. It is our earnest effort in creating individuals who will fortify the healthcare system by working alongside healthcare practitioners and building quality products in the pharma manufacturing.

The curriculum are designed by the academics and industry practitioners, which nurtures and develops young minds responsible Pharma Professionals who will contribute ethically to the future of Pharma Industry, government, Hospitals, Community, Society and Health-care system at large to gain updated knowledge, skills from the talented experts who are professors and consultants to leading pharma companies of India. Programmes are delivered through extensive practicals in laboratories in addition to the theoretical study.

Our University is place for an aspiring pharmacist to gain experiential training from the most accomplished professors in the industry.

PROGRAMMES

B. Pharm
Four Years Full-Time
Eight Semesters

D. Pharm
Two Years Full-Time
Annual Pattern

Programme Objectives

- To provide technical expertise along with the ability to demonstrate core competence for analyzing and problem solving in multiple pharmaceutical aspects.
- To make awareness about the rapidly changing pharma industry profession along with the emerging areas of science and technology.
- To inculcate the attitude, ability to observe, research and experiment to discover the solutions
- To train and develop students as techno - professionals with leadership, self Motivated, team player and initiator to become professional and make organization successful

Programme Delivery

- Industry, Hospitals and Laboratories.
- Winter & Summer Industry Internship.
- Guest Lectures, Seminars and Conferences by various national and international professional bodies viz. IPA, IPGA, APTI, FIP, IHPA, AIDCOC, PCI, IAPST, MPSC
- Developing skills require to pharmacy profession & certifying them.
- Giving value addition Certificate/Diplomas during D.Pharm, B.Pharm, M.Pharm, PharmD.
- Promoting entrepreneurship skills and start-ups.
- Continuous guest lectures, Webinars, One day Program for professional skills

VISION

School of Pharmacy Ambi, Pune strive to become centre of excellence in Pharmaceutical sciences by offering updated knowledge, skills and promoting positive attitude for performances pharma profession.

MISSION

- To deliver quality education that nurtures scientific approach for problem solving.
- To work hand-in-hand to protect, cure, mitigate and eradicate various ailments and thus deliver the community and world.
- To contribute by maintaining quality and excellence in education for making lives healthy.

“ Welcome to world of University Pharmacy at D Y Patil School of Pharmacy Ambi, Pune. We are committed to develop you as pharma leaders in pharmacy profession to make india pharma-Superpower in 2023, to save life, nature life, extent life, protect life by manufacturing quality medicine and giving quality service. ”

Prof. Dr. Mahesh Burande
Professor
D Y Patil School Of Pharmacy

SCHOOL OF PHARMACY

Achievements

- DYPU School of Pharmacy has collaboration for the Medical Simulation Laboratory at D Y Patil School of Medicine, Nerul. The lab provides diagnostic ultrasound simulation with ultrasound simulation with Augmented Reality to train the students.
- D Y Patil University has received Award as Best University in Innovation in Global Collaborative Learning in the year 2021
- Ranked 41 Top Engineering Colleges in India, ranked as 32 Top Private Engineering Colleges in India and Ranked as Top 10 Engineering Colleges in West Zone at ALL INDIA RANKING
- Campus has received Vanashree Award as Green Campus by Government of Maharashtra and Ministry of Environment

Highlights

- B Pharm and D Pharm approved by PCI and equivalenced by MSBTE, Mumbai
- Pharmacy Council of India (PCI) , New Delhi syllabus with support of industry
- *Certifications are explored with EdX, Course Era, NASSCOM, MOOCs, NPTEL and Swayam.
- Freshman Orientation Programme, Finishing School, Competency Mapping - Behavioral Labs Boot Camp, Outreach, and Immersion Programmes for professional development
- Center for Academic Excellence for Academic, Research and Innovation in the field of Pharmaceutical Studies.
- MOU with leading pharma companies like Nulife, Zusammen life sciencer, Vegamine Healthcare Pvt. Ltd.
- Online mode of teaching and learning on LMS Platform.
- CIAP for providing career services for all UG Programme.
- Centre for Entrepreneurship, Innovation, and Incubation (CEII) to support Start-Up India
- Partnership with leading Universities and Industry for imparting pharmacy education, technology for pharmacy and IT Skills through guest lectures, seminars, conferences, on the job training, projects, and internships.
- MOU with Aditya Birla Hospital, Pune, Sparsh Hospital, Pioneer Hospital and Atharva Hospital
- Finishing School : 9 Student Clubs, Readers' Club, Sport Club, Cultural Club, Photography Club, Film & Theater Club, Expressions Club, Social Media Club, Environmental Club and Outreach Club
- Residential Campus*

Conditiones Apply*

“ **Pharmacy education is to learn the use of medications. Our program industry expert designed syllabus help you to learn science and medicine selection, prescription, procuration, delivery, administration and review of medications.** ”

Prof. Dr. Ashish Chimbalkar
HOD
D Y Patil
School Of Pharmacy



B Pharm Programme Structure

First Year | Semester I | Subjects

- Human Anatomy and Physiology I- Theory
- Pharmaceutical Analysis I – Theory
- Pharmaceutics I – Theory
- Pharmaceutical inorganic chemistry –Theory
- Communication skills – Theory *
- Remedial Mathematics/ Remedial Biology/ – Theory*
- Human anatomy physiology- Practical
- Pharmaceutical analysis I – Practical
- Pharmaceutics I Practical
- Pharmaceutical Inorganic chemistry - Practical
- Communication skills Practical
- Remedial Biology Practical

Second Year | Semester III | Subjects

- Pharmaceutical Organic Chemistry II – Theory
- Physical Pharmaceutics I – Theory
- Pharmaceutical Microbiology – Theory
- Pharmaceutical Engineering – Theory
- Pharmaceutical Organic Chemistry II – Practical
- Physical Pharmaceutics I – Practical
- Pharmaceutical Microbiology – Practical
- Pharmaceutical Engineering –Practical

Third Year | Semester V | Subjects

- Medicinal Chemistry II – Theory
- Industrial Pharmacy I- Theory
- Pharmacology II – Theory
- Pharmacognosy and Phytochemistry II- Theory
- Pharmaceutical Jurisprudence – Theory
- Industrial Pharmacy I – Practical
- Pharmacology II – Practical
- Pharmacognosy and Phytochemistry II- Practical

Fourth Year | Semester VII | Subjects

- Instrumental Methods of Analysis – Theory
- Industrial Pharmacy II – Theory
- Pharmacy Practice – Theory
- Novel Drug Delivery System – Theory
- Instrumental methods of analysis – Practical
- Practice School*

Pharmacy Laboratories

- Pharmaceutical Laboratory :
Training for preparation of dosage,
Analysis of content of dosage forms
Pharmaceutical Chemistry Laboratory
Practical and testing of chemical,
Studying nature of chemical reactions
Preparation of the compounds.
- Pharmaceutical Analysis Laboratory :
Analysis of drug samples for assessing the percentage of
purity

Pharmacognosy Laboratory :
Practical and analysis of medicinal plants
Learn to identify the plant and medicinal value
- Pharmacology Laboratory :
To study human body and effects of drugs

* University has right to make the changes in programme structure/subject basket/assessment/evaluation.

*Marked subject are additional subjects.

First Year | Semester II | Subjects

- Human Anatomy and Physiology II – theory
- Pharmaceutical Organic Chemistry I theory
- Biochemistry – Theory
- Pathophysiology – Theory
- Computer Applications in Pharmacy – Theory *
- Environmental sciences – Theory *
- Human Anatomy and Physiology II –Practical
- Pharmaceutical Organic Chemistry I- Practical
- Biochemistry – Practical
- Computer Applications in Pharmacy – Practical*

Second Year | Semester IV | Subjects

- Pharmaceutical Organic Chemistry III- Theory
- Medicinal Chemistry I – Theory
- Physical Pharmaceutics II – Theory
- Pharmacology I – Theory
- Pharmacognosy and Phytochemistry I- Theory
- Medicinal Chemistry I – Practical
- Physical Pharmaceutics II – Practical
- Pharmacology I – Practical
- Pharmacognosy and Phytochemistry I – Practical

Third Year | Semester VI | Subjects

- Medicinal Chemistry III – Theory
- Pharmacology III – Theory
- Herbal Drug Technology – Theory
- Biopharmaceutics and Pharmacokinetics- Theory
- Pharmaceutical Biotechnology – Theory
- Quality Assurance –Theory
- Medicinal chemistry III – Practical
- Pharmacology III – Practical
- Herbal Drug Technology – Practical

Fourth Year | Semester VIII | Subjects

- Biostatistics and Research Methodology
- Social and Preventive Pharmacy
- 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
- Project Work

D Pharm Programme Structure

First Year Subjects

- Pharmaceutics- I
- Pharmaceutical Chemistry- I
- Pharmacognosy
- Biochemistry and clinical pathology
- Human anatomy and physiology
- Health education and community Pharmacy

Second Year | Subjects

- Pharmaceutics II
- Pharmaceutical Chemistry- II
- Pharmacology and toxicology
- Pharmaceutical Jurisprudence
- Drug store and business management
- Hospital and clinical Pharmacy

CENTRE FOR INDUSTRY & ACADEMIA PARTNERSHIP



Industry Partnership | Collaborations | MOU

Proximity to Indian Corporates in Mumbai and Pune
University campus has become the “Seat of Education and Knowledge”. It is preferential education destination for students. Campus is equally distanced from Pune and Mumbai. Due to which academicians, industry practitioners and industry from India’s Financial Capital Mumbai are partnered and providing training, internship and placement.

- Mumbai
- Pimpri Chinchwad Industry
- IT Industry- Hinjewadi
- MIDC-Chakan
- Pune
- MIDC-Talegaon

Industry Focused Learning

Programs are designed, developed and reviewed in consultation with academic experts and leading industry practitioners for ensuring relevant learning.

Practice, Experience and Experimentation

Industry projects, Joint programs, certifications, research, internships and placements are the outcome of partnership.

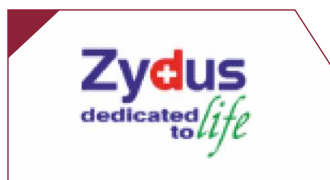
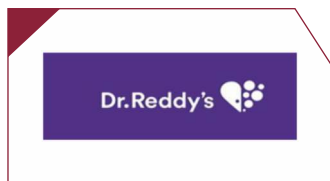
“ Be the next forward thinker

to tackle social, economic and industry challenges through theoretical and practical approach, we prepare you to work for Industry 4.0



Dr Rajesh Kherde
Head - CIAP

OUR FUTURE RECRUITERS



Campus

DY Patil University is known for its Architect - buildings, large campuses, world class stadium and sports culture. Ambi campus is spread over more than 40 acres of land, fresh air and climate, lush green and amidst of nature near the valley. Campus has modern structure, academic spaces include library, studio, labs & workshops.

Student Clubs

Students at campus can pursue their passions through clubs like Photography club, the dancing club, the film club, the singing club, the theatre/ club, storytelling club, book reading club and sports club are engaged to organize various competitions and events.

Student Council

University has elected student council which contributes in the academic and disciplinary proceedings. Committees are Student Welfare Committee, Sports Committee, Cultural Committee and Youth Leadership Development Committee.

Infrastructure

The campus is amidst nature with flora and fauna gives the campus a uniqueness and located near the valley. Infrastructure is a modern design which resulting into a scenic and beautiful campus with quietness.

Accommodation*

University has best accommodation facilities for boys and girls students.

Library

Library is equipped with books, journals, E Resources & Data bases.

DYPU quarterly publish journal "IJSTEAM With ISSN No. 2582-8509

Conditions Apply*

“Creativity is inventing, experimenting, growing, taking risks, breaking rules, making mistakes and having fun”

Ar. Omkar Samudra

HOI
School Of Design



Eligibility Criteria

Bachelor of Pharmacy

1) Passed HSC (10+2) or its equivalent examination with English as one of the subject & Physics and Chemistry as compulsory subjects along with Mathematics or Biology as optional subjects individually. However, the students possessing 10+2 qualification from non-formal and non-class rooms based schooling shall not be eligible for admission to B. Pharm Course."

2) Any other Qualification approved by Pharmacy Council of India as equivalent any of the above examination.

3) Candidate should have appeared in all the subjects and should obtain non zero score in MHT-CET or NEET conducted by the Competent Authority. However, preference shall be given to the candidate obtaining non zero positive score in NEET over the candidates who obtained non zero score in MHT-CET.

4 . B. Pharm Lateral Entry (to third semester):

(I) The Candidate should be an Indian National; (ii) Passed Diploma Course in Pharmacy with at least 45% marks (at least 40% marks in case of candidates of Backward class categories and Persons with disability belonging to Maharashtra State only) from an All India Council for Technical Education or Pharmacy Council of India or Central or State Government approved Institution or its equivalent.

Diploma in Pharmacy

1) Passed HSC (10+2) or its equivalent examination with English as one of the subject & Physics and Chemistry as compulsory subjects along with Mathematics or Biology as optional subjects individually.

2) Any other Qualification approved by Pharmacy Council of India as equivalent any of the above examination.

Apply Online www.dypatiluniversitypune.edu.in



D Y PATIL
UNIVERSITY
PUNE, AMBI

**School of
Pharmacy**

"Skills offered for outstanding performance"

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Application Form Technical Support

+91 810-4502-268

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 **Apply online**

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*Conditions Apply