



**D Y PATIL**  
UNIVERSITY

PUNE | AMBI

॥ ज्ञानधीनं जगत् सर्वम् ॥

School of  
**Pharmacy**

Educate to discover, develop,  
produce and market pharmaceutical  
industry products

**D Pharm | B Pharm**

Approved by Pharmacy Council of India (PCI)  
New Delhi | MSBTE Mumbai



[dypatiluniversitypune.edu.in](http://dypatiluniversitypune.edu.in)



University Ranked as  
Innovation in Global  
Collaboration Learning  
2021



SOET Ranked 41  
All over India by  
Times Engineering  
Survey



Best University Campus  
Vanashree Award  
Govt. of Maharashtra



Top 20  
School of Architecture  
in Maharashtra



University in Excellence for  
Pharmacy Education



## 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.

It owes its existence to the wisdom, benefaction, and hard work of a far sighted visionary- Padmashree Dr. D. Y. Patil, Ex-Governor of States of Tripura, West Bengal and Bihar, who sowed the seed of education in Kolhapur, Maharashtra in 1983 with a motto: **“Knowledge is Supreme”** Established in 1983 primarily for extending quality education to rural population of the State, today, it is one of the largest private educational providers in the State of Maharashtra. Presently, it has more than 182 Institutes, Three Deemed Universities, Four State Private Universities, 96,000 + Students, 3.75 Lacs + Alumni, 11,000+ Employees under its expansive umbrella.

### 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 17 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**  
Vice President



**Dr. Sayalee Gankar**  
Vice Chancellor

### ADVISORY BOARD



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CEO - Q bD International;  
United Nations Advisor, Geneva



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



**Mr. Amar Parge**  
M. D.  
Zausamen Life Sciences  
Satara



**Dr. Mahesh Burande**  
DYPU School of  
Pharmacy





## VISION

School of Pharmacy aims to impart knowledge through need-based and advanced program to develop professionals to serve pharmaceutical and healthcare industry.

## 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.

# SCHOOL OF PHARMACY

School of Pharmacy is established in the year 2019 to offer Diploma in Pharmacy and Bachelor in Pharmacy approved by PCI, New Delhi and MSBTE, Mumbai. Program aims to develop professionals to work for industry and future entrepreneurs in the sector.

Program emphasises on learning rules, laws and regulations that govern the patenting, testing, safety, efficacy using drug testing and marketing of drugs with the help of scientists, academicians, industry professionals and entrepreneurs.

Students are trained to work and opt careers as pharmacist, quality assurance, medical transcription and medical writing, production, clinical research, R & D, Regulatory affairs and compliance, pharmacokinetics, pharmacovigilance and teaching.

## Achievements

- 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
- Certificate of recognition awarded to D Y Patil School of Pharmacy excellence in teaching in pharmacy education at New Normal Healthcare summit.
- 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.

## Highlights

- 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.
- \*Certifications are explored with EdX, Course Era, NASSCOM, MOOCs, NPTEL and Swayam.
- MOU\* with leading pharma companies like Nulife, Zusammen life sciences, 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
- 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\*

## 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

- 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

*\*\*Conditions Apply*

“ Pharmacy education is to learn the use of medications. Industry experts designed syllabus to learn science and medicine selection, prescription, procurement, delivery, administration and review of medication.”

**Prof. Dr. Charu Pandya**

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

Two years annual pattern

## 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

# CORPORATE RELATIONS AND CAREER SERVICES

University has created the two important services to promote discovery, innovation driven environment namely CIAP and KRITI. Platforms are created to bring companies and university for the collaboration with an outcome of developing competencies, future skills, research, projects and final placement.

## Centre For Industry and Academia Partnerships (CIAP)

### Vision

Develop the young workforce as corporate professionals, techno-managers and entrepreneur through academic and industry partnership.

### Mission

- CIAP aims to be engaged to provide advance education, research, skill building program and employment through various interventions.
- Build the competencies and provide the exposure to industry practices.
- Use of behavioral - technical assessments and conduct training programs to build competencies.
- Collaborate and partner with industry and government for development of knowledge and skills.

### Initiatives

CTO Summit | CHRO Summit | CEO Summit | Honhar Bharat | MOUs | Guest Lectures, Seminars, Panel Discussion, Industry Visits

## Centre for Excellence KRITI

Knowledge | Research | Ideation | Technology | Innovation

### Vision

Focus on upskilling to develop the technical and professional skills through professional organizations and trainers.

### Mission

Identify the latest requirement of the industry and design the program

### Initiatives

- Up-Skilling through leading partners for credit based and additional certifications
- Hackathon | Skill-Hackathon | Business Idea Pitching Competition | Business Modelling | Prototyping

## OUR FUTURE RECRUITERS



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



## CAMPUS

DY Patil University is known for its Architecturally well designed 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



# Eligibility for School of Pharmacy

Program	Eligibility
<b>Diploma in Pharmacy</b> (Duration Two Years)	<ol style="list-style-type: none"> <li><b>Maharashtra State Candidature Candidate</b> <ol style="list-style-type: none"> <li>The Candidate should be an Indian National;</li> <li>pass in 10+2 examination (science academic stream) with Physics, Chemistry and Biology or Mathematics. OR Any other qualification approved by the Pharmacy Council of India as equivalent to the above examination Note: Other than Maharashtra State Candidates shall be eligible for Institution quota only.</li> </ol> </li> <li><b>NRI / OCI / PIO, Children of Indian workers in the Gulf countries, Foreign National.</b> <ol style="list-style-type: none"> <li>pass in 10+2 examination (science academic stream) with Physics, Chemistry and Biology or Mathematics.</li> </ol> </li> </ol>
<b>Bachelor in Pharmacy</b> (Duration Four Years)	<ol style="list-style-type: none"> <li><b>Maharashtra State Candidature Candidates</b> <ol style="list-style-type: none"> <li>The candidate should be an Indian National;</li> <li>Passed HSC or its equivalent examination with Physics and Chemistry as compulsory subjects along with one of the Mathematics or Biology and obtained at least 45% marks (at least 40% marks in case of candidates of Backward class categories, Economically Weaker Section and Persons with Disability belonging only to Maharashtra State) in the above subjects taken together;</li> <li>The candidate should have appeared in all the subjects in MHT-CET 2022 and obtain non zero score in MHT-CET 2022.</li> </ol> </li> <li><b>All India Candidature Candidates</b> <ol style="list-style-type: none"> <li>The candidate should be an Indian National;</li> <li>Passed HSC or its equivalent examination with Physics and Chemistry as compulsory subjects along with one of the Mathematics or Biology and obtained at least 45% marks (at least 40% marks in case of candidates of Backward class categories, Economically Weaker Section and Persons with Disability belonging only to Maharashtra State) in the above subjects taken together;</li> <li>Should obtain non zero positive score in NEET or the candidate should have appeared in all the subjects in MHT-CET 2023 and obtain non-zero score in MHT-CET 2023.</li> </ol> </li> <li><b>(NRI / OCI / PIO, Children of Indian workers in the Gulf countries, Foreign National)</b> <ol style="list-style-type: none"> <li>The candidate should have passed the HSC or its equivalent examination with Physics and Chemistry as compulsory subjects along with one of the Mathematics or Biology, and obtained at least 45 % marks in the above subjects taken together;</li> <li>Any other criterion declared from time to time by the appropriate authority as defined under the Act.</li> </ol> </li> </ol>
<b>B Pharmacy</b> (Lateral Entry) Three Years	<p>For Maharashtra State Candidature Candidate and All India Candidature Candidate</p> <ol style="list-style-type: none"> <li>The candidate should be an Indian National;</li> <li>Passed Diploma Course in Pharmacy with at least 45% marks (at least 40% marks in case of candidates of Backward class categories, Economically Weaker Section 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.</li> </ol>

Applicable to all above: Any other qualification approved / any other criterion declared from time to time by Pharmacy Council of India/ MSBTE and the appropriate authority as defined under the Act.

Online Process of Admission has commenced. Please visit website given below.



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## “Skills offered for outstanding performance”

### Office Address

Ambi, Talegaon Dabhade, Pune,  
Maharashtra - India, 410507  
+91 2114-302055  
Email : [info@dypatiluniversitypune.edu.in](mailto:info@dypatiluniversitypune.edu.in)

### Admission Enquiry

+91 844-8444-230  
[admissions@dypatiluniversitypune.edu.in](mailto:admissions@dypatiluniversitypune.edu.in)  
Application Form Technical Support  
+91 810-4502-268

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\*Conditions Apply

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