



**D Y PATIL
INTERNATIONAL
UNIVERSITY**
AKURDI PUNE

Gateway to Digital Future



ADMISSION PROSPECTUS
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Prof. Prabhat Ranjan
Vice Chancellor
DYPIU

Welcome to D Y Patil International University, Akurdi, Pune. As a new age university in a well established campus, we are acutely vigilant about the recent technological interventions in all walks of life including education. Thus, with our feet firmly grounded and heads above the clouds, we are set to introduce a unique program - "Computer Science and Engineering" in the coming academic year 2019-20, which offers a next generation curriculum integrally digitized. Besides, the curriculum for our other programs viz: Design, Biotech, Media & Journalism, Computer Application, Management, Commerce etc. are digitally aligned so that we equip our graduates with Skill Sets required by Industry 4.0. Our key result area being INNOVATION & ENTREPRENEURSHIP would enable our graduates to be Job Creators rather than Job Seekers.

ABOUT DYPIU

D. Y. Patil International University, Akurdi, Pune (DYPIU) has recently become operational as a State Private University and has rolled out with a fundamental mission of covering a remarkable milestone in the history of Higher Education in India. It further aims to convert itself into a Private University of global value by developing socially relevant and contemporary outcome-based programs, carrying out inter and intra disciplinary research in thrust areas, enhancing the scope of collaborations for research, and boosting faculty and student exchange programs worldwide. Also, by its acute focus on empowerment through Education and Academic Excellence, it aspires to provide an inspirational and experiential learning environment for its stakeholders and is also keenly responsive towards serving the prerequisites of the Industry and society by embedding internationalization, employability and value ruminating in all its programs. The DYPIU, Akurdi has been awarded "Best Academic Innovative Curriculum Award" by All India Council of Robotics and Automation.

SCHOOL OF ENGINEERING & TECHNOLOGY

SCHOOL OF DESIGN

SCHOOL OF COMMERCE & MANAGEMENT

SCHOOL OF MEDIA & JOURNALISM

SCHOOL OF COMPUTER APPLICATIONS

SCHOOL OF APPLIED SCIENCE

SCHOOL OF PHARMACY

SCHOOL OF SKILL DEVELOPMENT

SCHOOL OF PHARMACY

VISION

To create a vibrant learning environment by fostering innovation, global competency, experiential learning based on research and development that focuses on internationally relevant inventive areas.

ABOUT B. Tech in ENGINEERING AND TECHNOLOGY

The School of Engineering and Technology offers two courses, B. Tech (Computer Science and Engineering) and M.Tech (Cyber Physical Systems) in addition to the Ph. D program of the University. Our B.Tech program is specially designed by our Futurist Vice Chancellor as next generation technology program. It is a four year full time course with the first two years covering the foundational courses in Computer Science, Electronics and Communication. In the last two years, students opt for one of the 10 tracks of specialization being offered.

PROGRAMS OFFERED

- ▶ Bachelor of Technology in Computer Science and Engineering with specialization in Artificial Intelligence/Machine Learning, Data Science, Robotics and AI, Internet of Things(IoT), FinTech (Including Blockchain), Intelligent Transport System and Logistics, Cybersecurity, Bioinformatics, Cloud & Systems Administration and Web & Mobile Application (Including Web 3.0, 5G etc.)
- ▶ Integrated MBA would be offered with FinTech and Intelligent Transport System/Logistics track. Integrated M.Des option with specializations in AR/VR/Holography/Games design would be offered with Web and Mobile Applications track.

WHY TO CHOOSE Computer Science and Engineering@DYPIU?

- ▶ All programs would have common thread of Artificial Intelligence
- ▶ “Lab in the Bag” concept to maximize experiential learning
- ▶ Focus on Commercialization and Entrepreneurship to produce job creators
- ▶ Opportunities in startups, multinational companies, research labs and academia

CAREER PROSPECTS

- ▶ Chosen specialization tracks are likely to prove disruptive in all aspects of our lives through emerging technologies such as driverless cars, curing chronic health problems, accelerating e-commerce across the globe.
- ▶ Specializations being offered have tremendous growth opportunity in industry and are likely to offer salaries much higher than Rs 6 lakhs per annum for graduates in a variety of industries.
- ▶ Opportunities in the emerging technologies are available in companies ranging from Internet giants like Google, Amazon, Facebook and Netflix to emerging startups like Uber, Ola, PayTM, Swiggy and Oyo.

ELIGIBILITY

- ▶ A minimum aggregate score of 45% at both Higher Secondary and Senior Secondary (classes X and XII). Mathematics, Physics & Chemistry as main subjects at 10 + 2 level.
- ▶ Valid score in National Level or State Level Entrance Exam or any other equivalent UG Entrance Exam.



ABOUT SCHOOL OF DESIGN

Title: Bachelor of Design

Duration: Four Years Degree Course

Objective: The modern world seems to be growing exponentially in the digital domain, and yet the print is also evolving like never before. Thus the syllabus offered balanced contents; which enhance the learning skills in both domains of design and providing the global opportunities to the students to perform confidently as per the demand of industry.

COURSES OFFERED

Bachelors of Design (B. Design)

Specializations

- ▶ Graphic Design
- ▶ User experience Design (UX)

WHY CHOOSE BACHELOR OF DESIGN WITH US?

The B. Design course emphasizes on the study and creation of user centric designs in which designers focus on the users and their needs. By the technique of involving users through out the design process via a variety of research and design techniques, the students learn to create highly usable and accessible products.

CARRIER PROSPECTS AS A GRAPHIC DESIGNER

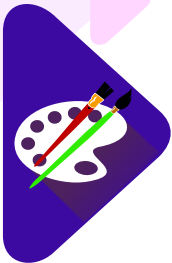
- ▶ Art Directors
- ▶ Industrial designers
- ▶ Multimedia artist and Animator
- ▶ Web Designers

CARRIER PROSPECTS AS A USER EXPERIENCE DESIGNER

- ▶ Interaction Designer
- ▶ Visual Designer
- ▶ UX Researcher
- ▶ Usability Tester

ELIGIBILITY

- ▶ Passed 10 + 2 or equivalent with at least 50% marks and English as a passing subject
- ▶ Valid score in National Level or State Level Entrance Exam such as CUCET, ATMA UG Exam or any other equivalent UG Entrance Exam



SCHOOL OF COMMERCE AND MANAGEMENT (SCM)

ABOUT SCM

The School of Commerce and Management offers two courses namely, Bachelor of Business Administration (BBA) and Bachelor of Commerce (B.Com)

- ▶ BBA is a three year course designed to promote and prepare students for International Employability and Responsiveness in the areas of Entrepreneurship and Management.
- ▶ B.Com is a three year degree program offered with a view to impart in-depth knowledge of Business Analysis and Innovative Solutions through abroad comprehensive attitude towards Accountancy

PROGRAMS OFFERED

BBA – Bachelor of Business Administration

- ▶ International Business
- ▶ Supply Chain Management
- ▶ Event Management

B.Com - Bachelor of Commerce

- ▶ Accountancy & Taxation
- ▶ Banking & Finance
- ▶ Business Entrepreneurship



WHY CHOOSE THESE PROGRAMS ?

School of Commerce and Management (SCM) of DYPIU has designed a specialized syllabus with respect to rendering it more digital and technology oriented. The objective of SCM is to train the students in view of Industrial employability. SCM has adopted “20:40:40” Pedagogical Process in delivering the curriculum wherein 20% is theoretical, 40% is e-learning (Business Software, videos etc.) and 40% is hands-on-experience (Industrial visits, Summer Internships, etc.).

CAREER PROSPECTS

These courses are designed with a customized approach wherein they ensure the creation and exposure towards novel opportunities on the global front and moreover, render adequate managerial knowledge to cater to the requisites of Industry 4.0 with a worthy remuneration.

Some of the esteemed job profiles that the graduating students can attain after the successful completion of the BBA course are:

- ▶ International Business Development Manager, Overseas Marketing Expert, Business Administration Researcher, Supply Chain Manager, Executive, logistics Manager, International Business Consultant, Public Relationship Manager, Brand Development Manager, Marketing Manager, Event Manager (National / International), Entrepreneurship

Some of the esteemed job profiles that the graduating students can attain after the successful completion of the B.Com course are:

- ▶ Business Analyst, Capital Market Analyst, Chartered Accountant, Certified Management Accountant (CMA), Company Secretary, US Certified Public Accounting (CPA), Financial & Investment Management, Credit Analyst, Entrepreneurship.

ELIGIBILITY

Passed 10 + 2 or equivalent with at least 50% marks and English as a passing subject.

- ▶ Valid score in National Level or State Level Entrance Exam such as CUCET, ATMA UG Exam or any other equivalent UG Entrance Exam

ABOUT SMJ

The School of Media and Journalism aims at developing students with a strong Journalism and Mass Communication background that will equip them for Communication related careers that can advance civic life globally and across cultures. Its objective is to prepare students for the society that we envision for tomorrow, while modeling today the values of community engagement, ethical professionalism and diversity in the global world.

PROGRAMS OFFERED

B.A. - JMC: Bachelor of Arts in Journalism & Mass Communication

Specializations Offered in the Final Year

Journalism | Digital Media | Advertising & Public Relations

WHY CHOOSE B.A - JMC WITH US?

This degree course (B.A. JMC) has designed a specialized syllabus with respect to rendering it more media and technology oriented. The objective of SMJ is to train the students in view of Media Industry employability. SMJ aims to deliver a Curriculum wherein 40% is theoretical, 30% is technical learning and 30% is hands-on-experience (Field visits, Summer Internships, etc.). This degree course offers several career options. It provides you with important personal insights into the world that can broaden your horizons and concepts. Students will be imparted training and courses to enhance their Skills to make them more eligible and qualified for jobs.

CAREER PROSPECTS

These courses are designed with a customized approach wherein they ensure the creation and exposure towards novel opportunities on the global front and moreover, render adequate media and technological knowledge to cater to the requisites of Media Industry with a worthy remuneration.

Some of the esteemed job profiles that the graduating students can attain after the successful completion of the B. A. JMC course are:

▶ Journalist, Reporter, Anchor, Advertising & Branding, Copywriter, Media Planner, Public Relations officer, Radio Programmer, Online Journalist, Advertising Professional, Photojournalist, Television Producer, Photographer, Events Coordinator, Critic, Content Writer, Film Maker, Video Production Specialist, Media Professional, Entrepreneurship

ELIGIBILITY

Passed 10 + 2 or equivalent with at least 50% marks and English as a passing subject

- ▶ Valid score in National Level or State Level Entrance Exam such as CUCET, ATMA UG Examination or any other Equivalent UG Entrance Examination.

ABOUT SCHOOL OF COMPUTER APPLICATIONS

- ▶ The School of Computer Applications offers course namely, Bachelor of Computer Applications (BCA) which is a three years full time course was started with a vision to impart academic excellence, with special focus on innovative teaching-learning process, research and holistic development of students.
- ▶ The School aims towards imparting practical knowledge to produce employable students and inculcate innovative approach to foster entrepreneurship skills towards novel ventures.

COURSES OFFERED

Bachelor of Computer Applications (BCA)

Specializations

- ▶ Mobile Application and Web Technology
- ▶ Cloud and System Administration

Why choose BCA @ DYPIU ?

- ▶ BCA Course Curriculum emphasizes on Hands-On Learning in line with theoretical learning right from the first year.
- ▶ BCA Course has been designed with Specialized Tracks to cater with Industry 4.0 requirements and emphasizes on Summer and Winter Industry Internship Projects.
- ▶ Along with rigorous academics the school conducts various Value Added activities for holistic development of students.
- ▶ Exposure to various innovative teaching learning pedagogy like: Project Based Learning, Collaborative Learning, Participative learning, Problem based learning.
- ▶ Prepare students for several jobs in variety of companies, ranging from small start-ups to global markets.

CAREER PROSPECTS

Digitalization led to explosive growth in the area of Computer Applications. Graduates have job opportunities in various sectors like Education, Medical Sciences & Healthcare, Food and Agriculture, Bank, Transportation, Manufacturing and IT Sector, etc. Following are some of the career offerings for computer application graduates: Software Project Developer, Software Quality Engineer, Web based Applications Developer, Data Scientist, System Analyst, Programmer in Specific Technology, Cloud Specialist, Cyber Security Expert, etc.

Digital Technologies such as Cloud Computing, Mobile Applications Development and Data Science have emerged as catalysts for rapid economic growth and empowerment of citizens across the globe. Computer Application graduate fresher with specialization in these areas can command a starting salary of Rs. 3-5 lakhs per annum, with companies are offering upto Rs. 6 lakhs per annum with 5+ years of experience.

ELIGIBILITY

- ▶ Standard XII (10+2) pass or equivalent examination from any recognized board with minimum of 50% marks or equivalent grade.
- ▶ Valid score of National/ State Level or other equivalent UG entrance examinations like ATMA UG, MH-CET UG, etc.



ABOUT SAS- BSc. BIOTECHNOLOGY

The School of Applied Sciences offers course namely, Bachelor of Sciences (BSc.) in Biotechnology. It is a three years full time course, was started with a vision to impart in-depth knowledge of biotechnology and train students in developing expertise in Biotech and related subjects.

- ▶ Biotechnology is one of the rapidly growing sectors around the world.
- ▶ The current growth rate is 20% and is globally expected to touch USD 100 billion by 2025.
- ▶ It focuses on the intersection of biology and technology, which leads for the development of new products that are designed to make enrich lives, makes day-to-day living easier and healthier.
- ▶ From vaccine production to genetic modification, biotechnology is everywhere – and as a result, biotechnology careers are highly promising.

PROGRAMS OFFERED

Bachelor of Science in Biotechnology (B.Sc. Biotechnology)

WHY TO CHOOSE COURSE WITH DYPIU ?

- ▶ Exposure to modern techniques, designing and solving Biotech related problems.
- ▶ Innovative laboratory learning methods.
- ▶ Unique course that focus on both the science and the commercialization, such as how to become not only an entrepreneur, but also an Intrapreneur.
- ▶ To expose students for several jobs in a variety of companies, ranging from small start-ups to global markets.

CAREER PROSPECTS

- ▶ More diversified in term of jobs and business.
- ▶ Major recruiters are Hindustan Lever, Thapar Group, Lupin, GVK, Serum, Indo American Hybrid Seeds, Biocon India Ltd., Dr. Reddy's Lab etc.
- ▶ A Biotechnologist are required in a variety of sectors eg. start-ups like Ganit labs, QTIomics to global biopharmaceutical leaders like S.V. Life sciences, Abingworth, funded organizations such as the DBT, DST, CSIR, Department of Agriculture and National Institutes of Health etc.

ELIGIBILITY

- ▶ A minimum aggregate score of 45% in the class XII exam, with Biology, Physics & Chemistry as main subjects.
- ▶ Valid score in National Level or State Level Entrance Exam or any other equivalent UG Entrance Exam.





D Y PATIL INTERNATIONAL UNIVERSITY PUNE

Industry Partners



★ Partnership is in discussion

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