

Prospectus 2021 - 22



**D Y PATIL
INTERNATIONAL
UNIVERSITY**
AKURDI PUNE

Information Brochure 2021-22



Sector-29, Nigdi Pradhikaran, Akurdi, Pune-411044 (India)
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VC's Desk

Prof. Prabhat Ranjan

Vice Chancellor
(Former ED, TIFAC)



Dear Parents and Candidates,

Welcome to D Y Patil International University, Akurdi, Pune. As a futurist founder VC of DYPIU, Digital Future has been part of our DNA from the beginning. Along with this thought, we introduced a unique innovative multitrack “B. Tech - Computer Science and Engineering” program in 2019 of which was well appreciated by AICTE and became a catalyst to lead change across the country in CSE and related areas. In a similar pattern, we introduced another unique program B. Tech (Bio-engineering) with multi-track specialization options in four emerging technologies as well as an MBA(Digital Business). Besides, the curriculum for our other programs viz: Design, Media & Journalism, Computer Application, etc. are digitally aligned so that we endow our graduates with Skill Sets required for the digital future. Our Key Result Area being Innovation & Entrepreneurship would enable our graduates to be Job Creators rather than Job Seekers. We are happy to announce that we are the only organization outside a National Lab to initiate research work on developing Nuclear Fusion technology. In addition, we have also started research and development projects on health, agriculture, neurorehabilitation, holographic systems, etc.

We are happy to inform you that our effort has been recognized with top awards this year as winner of the New Code of Education Awards 2021 in the Private/Deemed University category as well as judged to be the “Most Emerging Higher Education Institute of 2021” by a very credible set of jury members.



About DYPIU



D.Y. Patil International University, Akurdi, Pune (DYPIU) became operational as a State Private University 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 intradisciplinary 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.



Important Dates:

Last Date of Admission	:	30/09/2021
Commencement of 1st Semester	:	01/09/2021



Program Intake Matrix :

Sr. No.	School	Program	Intake
1	School of Computer Science, Engineering and Applications	B. Tech.	240
		M. Tech.	30
		BCA	120
		MCA	60
2	School of Commerce and Management	BBA	120
		MBA (Digital Business)	60
3	School of Media and Journalism	BA (Journalism and Mass Comm)	60
4	School of Design	B. Design	60
5	School of Biosciences and Bioengineering	B.Tech(Bioengineering)	120
		M.Sc. (Medical Biotechnology)	30
6	School of Interdisciplinary Studies and Research	Ph.D.	#
Total Intake			900

Depends on the vacancies available with Supervisors.



Fee Schedule for the First Year of Academic Session 2021-22

Sr. No.	Name of Program	Ist Sem Fee (Monsoon Semester)#	IInd Sem Fee (Winter Semester)##	Fee Per Annum 2021-22
1	BCA	43,750/-	38,750/-	82,500/-
2	BBA	51,250/-	46,250/-	97,500/-
3	BA (JMC)	61,250/-	51,250/-	1,12,500/-
4	B. Design	1,11,250/-	1,01,250/-	2,12,500/-
5	B. Tech. (CSE)	1,09,750/-	99,750/-	2,09,500/-
6	B. Tech. (Bioengg.)	1,09,750/-	99,750/-	2,09,500/-
7	M. Tech (CSE)	72,500/-	62,500/-	1,35,000/-
8	MBA (Digital Business)	1,09,750/-	99,750/-	2,09,500/-
9	M.Sc. (Medical Biotechnology)	72,500/-	62,500/-	1,35,000/-
10	MCA	67,500/-	57,500/-	1,25,000/-
11	PhD	87,500/-	77,500/-	1,65,000/-

Note: - In case of full fee payment for the academic year at the time of admission, registration fee for winter semester i.e. Rs. 2,500/- will be waived off.

including semester registration fee and one time refundable caution money deposit.

including semester registration fee



Scholarship

The University provides scholarships to meritorious students based as follows:

- Entrance Score based Merit
- VC Merit Scholarship
- Scholarship for existing students pursuing further education in DYPIU

Please refer to the program information on the website for details.

Admission Process & Procedure

A candidate seeking admission in any course of DYPIU, Akurdi, Pune, needs to follow the process given below:

I) Registration and Admission Form :

- Register and upload all the original documents (10th, 12th, Graduation (for PG course), Caste Certificate, Entrance Scorecard, Bonafide, Kashmiri migrants/non-migrants, TC/ Migration of last school/ College/ University) for verification purposes while filling the application form online at DYPIU website <https://dypiu.ac.in>
- Submit the application form and pay the application fee of Rs. 1000/- (Non- Refundable) online using above mentioned link.

II) Selection Process: After verification of eligibility, applicants are directed to appear in an entrance test.

III) Offer Letter: is issued to selected candidates based on merit for admission in the opted program.

IV) The candidate needs to deposit the requisite fee as per the schedule mentioned in the offer letter.

V) Provisional Admission letter : Provisional admission letter is issued with detailed information to complete the admission process.

VI) Admission is confirmed only after physical document verification at the campus. With reference to current pandemic conditions, this will happen whenever the student reports to the campus in person.



VII) ERP Registration

- Download the COLL POLL app on mobile.
- Login with credentials given in the admission confirmation letter.
- Fill the ERP form and note the Application Number for future reference.

Admission Cancellation

Send Cancellation request to admission@dypiu.ac.in. Once the request is received, students are mailed an admission cancellation form and requested details of Bank account

The applicant is required to fill the Admission Cancellation Form duly signed by the applicant and parents, scan and revert with requisite bank details.

Refund Policy

If a student chooses to withdraw from the program of study in which he/she is enrolled, the institution concerned shall follow the following five-tier system for the refund of fees* remitted by the student.

Sr. No.	Percentage of Refund of fee*	Point of time when the request of withdrawal of admission is received in the University
1	100%	15 days or more before the formally notified last date of admission
2	90%	Less than 15 days before the formally notified last date of admission
3	80%	15 days or less after the formally notified last date of admission
4	50%	30 days or less, but more than 15 days, after formally notified last date of admission
5	NIL	More than 30 days after formally-notified last date of admission

*In the case of (1) in the table above, the university shall deduct 5% of the fees paid by the student, subject to a maximum of Rs. 5,000/- as processing charges from the refundable amount.



University Timings

- University working hours: 9:30 AM to 5:30 PM. (1st/3rd Saturday are non-working days.)
- Class Time Table will be provided by the respective School before the commencement of the Classes.

Attendance Policy

To appear in the end term Practical / Theory Examination a minimum of 75% attendance is mandatory for every student.

Reservation Policy

As per prevailing Government policy.

Examination

The University follows the semester system in which the academic year is divided into 3 semesters named Monsoon semester (July - December), Winter semester (January - April) and Summer Semester). End semester examinations for Monsoon and Winter semesters are held in the month of November/December and April / May of every year.

Pass and Promotion Policy

- In the first and subsequent years of the program, the student undergoes concurrent, mid sem and sem end evaluation to pass the subject. In case of failure, the student has an opportunity to appear in the supplementary evaluations which are immediately scheduled after the Endsem examination. In case of a failure in passing in supplementary examinations, a student has to re-register for a summer course. Failure in summer courses will result in the students leaving the program. For subsequent semesters an opportunity is given next semester to clear the backlog if any, failing which such students are not allowed to continue the course and have to leave the program.
- The student is required to obtain a minimum Grade point of 4 required to pass the subject .



- To be promoted in the next year (for example from 1st year to the second year and onwards till the completion of the respective course) a minimum aggregate grade point required is 5.
- However, the first-year student with overall grade points between 4 to 5 will be promoted to the second year but will remain under observation, if they fail to score a minimum aggregate grade of point 5 then they will not be allowed to continue the course.

Placements

A professionally managed placement cell assists the student in their overall personality development, effective communication skills, analytical ability improvement, decision making, industrial training, internships, and campus placement.

Student Section

Assists the students in:

- Providing ID cards
- Fees structure for Education loan
- Bonafide Certificate
- Verification and endorsement of documents related to students' beneficiary govt. the scheme, scholarships, departmental schemes offered to their parents, if any, etc.
- Railway concession
- Circulating information and notices related to students.
- All other activities related to the welfare and ease of the student are announced by management and other related regulatory authorities.

Library

There is a well-equipped library that facilitates the students with various references and textbooks recommended for various programs run in the university.



Hostel Accomodation

Limited seats for girl students are available in the girl's hostel owned and run by Dr D. Y. Patil Pratishthan, adjacent to the University premises.

In addition, DYPIU has tied up with privately run hostels nearby to provide a safe, hygienic, and comfortable stay to the students of DYPIU opting for hostel accomodation.

Discipline

- Admission of a candidate to any program will be with the presumption that as students, they
- All students are expected to observe standards of civilized culture which will contribute to achieving the academic goal and welfare of the academic environment at large.
- They are expected to follow academic and professional honesty, integrity and respect toward rights, privileges, and property of other entities of the society.
- They should be away from any misconduct that would perturb the university environment in a bad way.

Anti-Ragging Policy

The University has a policy to take all preventive measures to restrict ragging and indiscipline activities within the campus of the University. Ragging in any form is a punishable criminal activity.

Grievance Redressal Mechanism

The University has an effective grievance redressal mechanism for the students and extends the support in all respects to resolve their grievances. For effective implementation of grievance redressal mechanism university has formed the following committees:

- **Anti-Ragging Committee:** Constituted to prevent and deal strictly with ragging-related matters.



- **Internal Complaint Committee:** ICC is constituted as per UGC guidelines to deal with employees' grievances and protect the women employees and against sexual harassment.
- Nodal officer to address grievances posted on Centralized Public Grievance Redress and Monitoring System (CPGRAMS).

Student Code of Conduct

Following are some of the misconducts but not limited to the list subject to disciplinary action that students should take into account. University concern authority reserves the right to take the appropriate action.

- Any deliberate activity of violating the intellectual property Act, Copyright act, etc.
- Any verbal or physical behaviour can disturb the other human or particular community.
- Producing fake documents to the University Office.
- Unauthorized possession of weapons, drugs, etc.
- Unauthorized access to university or peers or any other person's property.
- Act of threatening, violence, etc.
- Abusing somebody through electronic media
- Any act which is violating civic behaviour.





Program Description and Eligibility Criteria

School of Computer Science, Engineering and Applications

The School of Computer Science, Engineering and Applications offers

- B. Tech (Computer Science and Engineering)
- BCA
- M. Tech
- MCA

Our B. Tech program is specially designed as a 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

B. Tech (Computer Science and Engineering) with Specialization in \$\$

I) Artificial Intelligence/Machine Learning

II) Data Science

III) Robotics and AI

IV) Internet of Things (IoT)

V) FinTech (Including Blockchain)

VI) Intelligent Transport System and Logistics

VII) Cyber Security

VIII) Bioinformatics

IX) Cloud & Systems Administration

X) Web & Mobile Application (Including Web 3.0, 5G, etc.)

- \$\$ The tracks are available to be conducted only if sufficient numbers of students register for that track.



Integrated MBA would be offered with FinTech and Intelligent Transport System/ Logistics track. Integrated M.Des. (AR/VR/Holography/Games design) would be offered with Web and mobile Applications track.

Eligibility:

- Passed 10+2 with Physics and Mathematics as a compulsory subject along with one of the Chemistry/Biotechnology/ Biology / Technical / Vocational Subjects.
- Obtained at least 45% marks (40% in case of candidates belonging to the reserved category) in the above subjects taken together.
- Passed Diploma (in Engineering and Technology) examination with at least 45% marks (40% in case of candidates belonging to reserved category)

Bachelor of Computer Application (BCA)

Bachelor of Computer Applications (BCA) is a three years full-time program that was started with a vision to impart academic excellence, with a special focus on innovative teaching-learning processes, research and holistic development of students.

The School aims towards imparting practical knowledge to produce employable students and inculcate innovative approaches to foster entrepreneurship skills towards novel ventures.

The School of Computer science, Engineering and Applications offers the Bachelor of Computer Applications (BCA) with specializations like Mobile Application and Web Technology and Cloud and System Administration.

***Tracks available:**

- Mobile Application and Web Technology
- Cloud and Systems Administration

* Tracks are offered only if a minimum number of students opt for it.

Eligibility:

- Passed (10+2) or equivalent examination from any recognized Board with a minimum of 45% marks (40% for reserved category candidate as per Maharashtra state government rules) or equivalent grade.
- Valid score of National/ State Level or other equivalent UG Entrance examinations like ATMA UG, MH-CET UG, PERA-CET, etc.



M.Tech.- Computer Science and Engineering

M.Tech in Computer Science and Engineering is offered with two specializations Artificial Intelligence/Machine Learning (AI/ML) & Cyber Physical Systems (CPS). It is a two-year full-time graduate level program. It has four semesters with state-of-the-art and relevant practical exercises, and an exposure to hands-on research experience leading to a dissertation.

I) Artificial intelligence and Machine Learning

II) Cyber-Physical Systems

Eligibility:

Applicants are expected to hold a bachelor's degree in either computer science, electrical engineering or communication systems. Students from other disciplines may be considered for admission if they have sufficient background in the basics of computer science engineering. Preference may be given to students whose backgrounds are in one of the target application areas of artificial intelligence and machine learning. Consideration will be given to students with relevant industry experience. Applicants are encouraged to include hands-on project experience, if any, along with their application.

MCA - Master of Computer Applications

MCA (Master of Computer Applications) is a 2-year postgraduate degree program that imparts theory and practical knowledge on the various aspects of computer applications as per the demands of industry needs. This course will be a job-oriented course. After this program, a number of opportunities would open for these students as they will be ready for a variety of jobs in the Software Industry like Big data analytics, Security Specialists, Software Developer, etc.

*Tracks available:

- Artificial Intelligence and Data Science
- Cyber Security

* Tracks are offered only if a minimum number of students opt for it.

Eligibility:

- Applicants must be a graduate in BCA / BSC / BA mathematics degree with a minimum of 50% aggregate from a well-reputed university in any of the respective fields.
- Candidate must have studied Mathematics by the respective applicant until (10+2) level or in Graduation
- The candidates who are in the final year of their degree can also apply for provisional admission.



School of Biosciences and Bioengineering

B. Tech. - (Bioengineering)

Our B.Tech. program in Bioengineering at DYPIU is a four-year full-time course with multi-track specialization options in four emerging technologies. This course teaches students to apply principles of engineering, biology, human physiology and chemistry to solve healthcare problems, including those associated with the interaction between living and non-living systems.

This program offers the following tracks*:

- I. Bio-Chemical Engineering
- II. Biomedical Engineering
- III. Cell and Tissue Engineering
- IV. Food Biotechnology

* Tracks are offered only if a minimum number of students opt for it.

Eligibility:

- 10+2 with 45% marks in 12th (40% in case of candidates belonging to the reserved category).
- Compulsory subjects in 12th: Physics, Chemistry and Mathematics/Biology/Bio-technology
- Eligibility test of Mathematics for entrance (only for students with non-mathematics background): Failed students will take a bridging course in Mathematics.
- Multi-track specialization system
- Same track to be followed for 5 semesters and 4 independent tracks to be followed for 2 semesters (Sem 6 and Sem 7). The final semester is invested in the internship

M.Sc. - Master of Science (Medical Biotechnology)

M.Sc in Medical Biotechnology is a two-year program with one and a half-semester dedicated to project work. The course covers areas of basic physiology/biochemistry and maths to advance courses like biocomputing, biomaterials, omics, tissue engineering to prepare students for future allied medical fields.

Eligibility:

B.Sc degree or equivalent in life sciences like Biotechnology, Zoology, Botany, Biochemistry, Microbiology, etc. with a minimum of 50% aggregate.



School of Commerce and Management

*Programs offered under this School:

BBA

BBA is a three-year program designed to promote and prepare students for International Employability and Responsiveness in the areas of Entrepreneurship and Management.

*Tracks offered:

- I. International Business
- II. Supply Chain Management
- III. Finance

*Tracks are offered only if minimum number of students opt for it

Eligibility:

- Passed (10+2) or equivalent examination from any recognized Board with a minimum of 45% marks (40% for reserved category candidate as per Maharashtra state government rules) or equivalent grade.
- Valid score of National/ State Level or other equivalent UG Entrance examinations like ATMA UG, MH-CET UG, etc.

MBA (Digital Business)

The two-year master's program in Digital Business takes a broad approach to the digitalization that shapes society. It addresses the new challenges that digitalization poses for companies and their employees with regard to business renewal and innovation, marketing and digital services.

Students gain knowledge in how to analyse the business opportunities that digitalization offers for both new and existing companies. In addition, the program stimulates creative thinking around digitalization, strategic change, business innovation and renewal.

The program combines theoretical and real-world practical work and has a multidisciplinary approach covering topics in business administration, Fintech, Marketing analytics and Supply chain Management.

*Tracks available:

- Marketing Analytics
- Fintech
- Supply Chain Management

* Tracks are offered only if a minimum number of students opt for it.

**Eligibility:**

- Graduates with a minimum of 50 % from a recognized University having a flair for numbers can apply.
- Consideration will be given to SC/ST candidates and Persons with Disabilities.

School of Media and Journalism

Program Offered under this School:

B.A. (Journalism and Mass Communication)

Our School of Media and Journalism aims at preparing the students for challenging and changing media industries, worldwide. With highly equipped media studios that will provide hands-on experiences at par with industry requirements so that the students would be fit for any challenging job in India and abroad.

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. SMJ believes in fostering innovation & creativity and research driven experiential learning with the help of digital media technologies.

Eligibility:

- Passed (10+2) or equivalent examination from any recognized Board with a minimum of 45% marks (40% for reserved category candidate as per Maharashtra state government rules) or equivalent grade and English as a passing subject.

School of Design

Program Offered under this School:

Bachelor of Design

Bachelor of Design (B. Des) is a four years full-time program. The modern world seems to be growing exponentially in the digital domain, and yet print is also evolving never before.

The syllabus offers balanced content; which enhances the learning skills in both domains of design and provides global opportunities to the students to perform confidently as per the demand of the industry.

The School of Design offers the Bachelor of Design (B.Des.) with the Tracks* -

- Graphic Design and
- User Experience Design.

* Tracks are offered only if a minimum number of students opt for it.



Design is universal in today's situation. It has become a crucial part of our lives. It is apparent in every sense that design is essential everywhere and has its impact on today's lifestyle. It is no longer just a tangible thing; it is a philosophy and a thought process.

Over the past two decades, we have seen vast growth in Design education.

Design as a profession is extremely popular among the students having a creative ability. What makes design careers even better is that this stream is huge and offers ample opportunities to students with different talents, skills and educational backgrounds.

Eligibility:

- Passed 10 + 2 or equivalent with at least 45% marks (40% for reserved category candidate as per Maharashtra state government rules) and English as a passing subject.
- DYPIU entrance exam or any other state-level or national level entrance test for UG program admission.

School of Interdisciplinary Studies and Research

PhD program is specially designed by our Futurist Vice Chancellor to push the boundaries of knowledge across disciplines with a special emphasis on research that creates a meaningful impact on society and the globe. It is a four-six year full time course, supported by a broad pedagogical structure and with a possibility of Teaching Assistantship. A strong foundation and original contribution to knowledge in a chosen area of interest is expected from the PhD graduates of DYPIU, who will be at a synergy of teaching and research.

Broadly, faculty members at DYPIU are engaged in interdisciplinary research activities in the areas of Engineering and Technology, Bio-engineering, Management and Entrepreneurship. Some of the focus areas of research by the faculty at DYPIU are listed below. We are open to accepting students in other related areas with scope for interdisciplinary research with meaningful outcomes that impacts the nation as well as the world and aligns with the University's mission to be at the forefront of the creation of futuristic research with an empathy towards upliftment of humanity and nature.

Research Areas:

1. Biosciences and Bioengineering

- Cell and Tissue Engineering
- Healthcare Diagnostics and Therapeutics
- Biomedical engineering
- Agriculture and Environmental Sciences
- Innovative Farming



2. Computer Sciences

- Quantum information and computing
- Machine vision, robotic and remote sensing
- Image pattern and recognition
- Advanced manufacturing
- Brain computer interface and AI
- Control and automaton
- AI and disaster management
- Cyber security

3. Management and entrepreneurship

- Business Analytics
- Fintech
- Marketing
- Human resource management

Eligibility:

- 4 year undergraduate (B.Tech./B.E. (all disciplines)) or a postgraduate in Management, Engineering, Science or Arts with a minimum of 60% marks or an equivalent CGPA
- Candidates with National fellowships will be preferred
- Candidates with a high score in other qualifying exams such as NET (UGC, CSIR, ICMR, DBT, ICAR), JAM, PERA, CAT, XAT, MAT, ATMA, NMAT, GATE, or GRE will be preferred
- Consideration will be given to students with relevant industry/academic experience. Applicants are encouraged to include hands-on project experience, if any, along with their application
- Full-time research associates or fellows working with recognized research institutions and those who have publications in refereed journals or conference proceedings will be appreciated

Lab & Equipment

The University has well equipped laboratories and software infrastructure. All the required advanced lab equipment and software are available in the University to conduct the offered courses.

Student Activities

The University has good facilities for various student activities which include technical, cultural and physical fitness programs. In addition to these, the University organizes various sessions to groom students professionally.