

DPU

Dr. D. Y. PATIL VIDYAPEETH, PUNE
(Deemed to be University)

(Accredited (3rd Cycle) by NAAC with a CGPA of 3.64 on four point scale at 'A++' Grade)
(Declared as **Category - I University** by UGC Under Graded Autonomy Regulations, 2018)
(An ISO 9001:2015, ISO 14001:2015 Certified University)

Dr. D. Y. Patil Biotechnology and Bioinformatics Institute

Information Brochure 2024-25

Online Proctor Based All India Post Graduate Biotechnology Entrance Test
(AIPGBET - 2024)
for Admission to
M. Sc. BIOTECHNOLOGY
PROGRAMME





राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद
विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
An Autonomous Institution of the University Grants Commission

Certificate of Accreditation

*The Executive Committee of the
National Assessment and Accreditation Council
is pleased to declare the
Dr. D. Y. Patil Vidyapeeth
(Deemed to be University u/s 3 of the UGC Act, 1956)
Sant Tukaram Nagar, Pimpri, Dist. Pune, Maharashtra as
Accredited
with CGPA of 3.64 on four point scale
at A⁺⁺ grade
valid up to February 07, 2029*

Date : February 08, 2022



*S. C. Sarna
Director*



EC(SC)/92/3rd Cycle/MHUNGN10146

Chancellor's Message



Dear Students,

It is a matter of great pleasure to communicate with you through this brochure. I believe that education is much more than merely empowerment in terms of knowledge and skills. It offers a spirit of intellectual inquiry, cultivating power of thought and imagination. It also envisages inculcation of values and development of a firmness of mind and a zeal to offer one's best to the world.

In an attempt to meet these objectives, the Vidyapeeth offers a wide range of professional programmes. In each of these programmes, we ensure high quality of education, pursuit of knowledge and creation of new ideas. As a result of this, the Vidyapeeth has been

Accredited (3rd Cycle) by the National Assessment and Accreditation Council (NAAC) with a CGPA of 3.64 on four point scale at 'A++' **Grade**. Through dynamic, relevant and quality education, students are empowered to look forward to the future with confidence. "No wonder, therefore, that there is always a rush for admission to the various courses of the Vidyapeeth." All our

hospitals viz Medical, Dental, Ayurved and Homeopathy are NABH accredited and laboratories are NABL accredited.

The present common entrance test covers three cutting-edge academic programmes, leading to degrees in Bachelor of Technology, Masters (Integrated) of Technology & Master of Science in Biotechnology. All these are high quality research-oriented programmes and will lead you to satisfying careers in emerging areas of technology.

These programmes are offered by Dr. D. Y. Patil Biotechnology and Bioinformatics Institute of Dr. D. Y. Patil Vidyapeeth, Pune. In this centre of learning, you get the state-of-the-art infrastructure and facilities as well as competent and devoted faculty. The inspiring ambience in this institute will motivate you to do your best and at the end of the programme, you will emerge as an accomplished professional, ready to contribute your best to the society and the country.

I wish you the best of luck for the All India Biotechnology Online Proctor Based Common Entrance Test for admission to the professional course of your choice at the Institute.

Dr. P. D. Patil
Chancellor

Pro Chancellor's Message



Dear Students,

It is my privilege to share my views through this brochure, the best media to connect the young minds of the Nation. As aptly said by Robert Maynard Hutchins, "The objective of education is to prepare the young to educate themselves throughout their lives".

In keeping with its mission of academic excellence, Dr. D. Y. Patil Vidyapeeth, Pune, (DPU) is always continuing its inexorable developmental activities, in all fronts, in a bid to create a world class University. This is reflected by the consistent expansion of infrastructure, faculty, research contributions and national and international linkages & collaborative initiatives, signaling out globally that DPU is focused in its activities with its thrust being on developmental activities.

Visualizing an enlightened, cultured, and economically vibrant India, developed through education in diverse disciplines, we at DPU always keep in mind the commitment to contribute towards the

growth of our nation, the purpose of our Vidyapeeth and also our dream to make DPU a global hub for academic excellence in the field of higher education.

Dr. (Mrs.) Bhagyashree P. Patil

Pro Chancellor

Vice Chancellor's Message



Dear Students,

I am extremely happy to interact with you through this brochure. Dr. D. Y. Patil Vidyapeeth has been recognized as an institution that has been delivering a very high-quality education with emphasis on interactive teaching methods and focused research in diverse fields. DPU is known for Academic Heritage, World Class Faculty, State-of-the-art Infrastructure, International Teaching Pedagogies, Excellent Learning Environment, Dynamic Research Culture and Emphasis on Overall Personality Development. Our curriculum innovations include enhancement of integrated modules, case based & rapid cycle learning methods, inclusion of patient safety & health care quality concepts at all levels, to name a few.

At our colleges, we provide opportunities for involvement in innovative research projects and life enhancing community service thriving on our campuses. We believe that complete education is what makes a student self-educated. To ensure this, greater emphasis is given on what students have learned and not necessarily what they were taught. The Vidyapeeth has constituted APEX Committee for preparing vision and plan of action for

implementing the provision made and NEP 2020 by UGC, accordingly course curriculum is designed.

With these commendable achievements, I believe that there is still scope for us to become the best and to reach higher levels of academic excellence. I have no doubt that we will be able to achieve these objectives with cooperation from our faculties of various institutions, which include experienced, knowledgeable and caring mentors. All our hospitals viz Medical, Dental, Ayurved and Homeopathy are NABH accredited and laboratories are NABL accredited.

I assure to all parents & students that we will continue to strive hard to provide quality education to the youth and live through the processes and systems that are of global standards.

Lastly, I congratulate you for having chosen Dr. D. Y. Patil Vidyapeeth, Pune to pursue and attain your future dreams and professional objectives in the area of health sciences including Biotechnology and wish to extend my heartiest welcome on behalf of the entire Vidyapeeth fraternity. I wish you all the best.

Dr. N. J. Pawar
Vice Chancellor

Pro Vice Chancellor's Message



Dear Students,

It is a great pleasure to express my views for incoming prospective students wishing to embark a career in Biotechnology at Dr. D. Y. Patil Biotechnology and Bioinformatics Institute (DYPBBI), Tathawade, Pune.

I am happy to endorse that Dr. D. Y. Patil Biotechnology and Bioinformatics Institute, Pune, is aware of the basic requirements for the successful running of a Biotechnology Centre. As a result the newly constructed building hosts a 90,000 sq. feet campus which is a home to Hi-tech laboratories with modern instruments for teaching and research work, a library with a few thousands of books, a technically advanced computer laboratory, a center of excellence as microbial diversity department, in-house canteen and separate hostel accommodation for male and female students and entire WAN network with speed up to 140 Mbps.

In addition to modern infra-structure, the team at DYPBBI is constituted of highly qualified and competent faculty with national and international experience in teaching and research. The centre provides an ideal milieu for inter-disciplinary and collaborative research. The research activities of faculty members are well funded through extra-mural research funding from national and international agencies such as Sweden SIDA, CSIR, DBT, DST, etc. The institution has maintained a very high standard of academic excellence and has an inspiring ambience that promotes full utilization of an individual's capacity and capability in the field of Biotechnology and Bioinformatics education. The institute hosts a number of fully equipped laboratories for teaching and research to perform experiments using modern techniques such as molecular biology, animal tissue culture, plant tissue culture etc. Further the institute has a modern and state-of-the art bioinformatics laboratory for advanced teaching and research.

I wish good luck to aspiring candidates for their 'All India Biotechnology Online Proctor Based Entrance Test' and shall be looking forward to seeing you enroll as a part of DPU family, in future.

Dr. (Mrs.) Smita Jadhav
Pro Vice Chancellor

1st Convocation 10th April, 2010



Felicitation of Chief Guest
Shri. Sushilkumar Shinde
The then Union Minister of Power, Government of India

Conferring the degree of
Doctor of Science (Honoris Causa) on
Baba Ramdev ji
Founder Patanjali Yogpeeth, Haridwar



Conferring the degree of
Doctor of Science (Honoris Causa) on
Prof. U. R. Rao
*Former Chairman,
Indian Space Research Organization
(ISRO)*



2nd Convocation 18th March, 2011



Felicitation of Chief Guest **Dr. A. P. J. Abdul Kalam**,
Former President of India



Conferring the degree of
Doctor of Science (Honoris Causa) on **Dr. Vijay Bhatkar**,
Chairman, ETH Ltd. and former Director CDAC



Conferring the degree of
Doctor of Science (Honoris Causa) on **Dr. P. Venugopal**,
*Chairman, Alchemist Medical Division and
Former Director AIIMS, New Delhi*



Conferring the degree of
Doctor of Letters (Honoris Causa) on **Advocate Ujjwal Nikam**,
Special Public Prosecutor, Government of Maharashtra



Conferring the degree of
Doctor of Letters (Honoris Causa) on **Dr. Narendra Jadhav**,
Member, Planning Commission, Government of India

3rd Convocation 9th June, 2012



Felicitation of Chief Guest
Smt. Pratibha Devisingh Patil,
President of India

Conferring the degree of
Doctor of Letters (Honoris Causa) on
Shri. Mohan Dharia,
*Former Cabinet Minister and
Eminent Environmentalist*



Conferring the degree of
Doctor of Letters (Honoris Causa) on
Shri. Montek Singh Ahluwalia,
*Deputy Chairman, Planning Commission,
Government of India*

4th Convocation 14th April, 2013



Felicitation of Chief Guest **Shri. Sharadchandra Pawar**,
*The then Union Minister of Agriculture & Food Processing Industry,
Government of India*



Conferring the degree of Doctor of Letters (Honoris Causa) on
Shri. B. M. alias Babasaheb Purandare,
Eminent Historian and play-writer



Conferring the degree of Doctor of Science (Honoris Causa) on
Dr. Krishnaswamy Kasturirangan,
an Architect of India's Space Research Programme



Conferring the degree of Doctor of Science (Honoris Causa) on
Prof. M. S. Swaminathan,
Eminent Agricultural Scientist

5th Convocation 26th April, 2014



Felicitation of Chief Guest
Hon'ble Shri. Shrinivas Patil
Governor of Sikkim, India

6th Convocation 26th June, 2015



Felicitation of Chief Guest
Hon'ble Shri. Pranab Mukherjee,
President of India



Conferring the degree of Doctor of Letters (Honoris Causa) on
Shri. Sharad Pawar,
Member of Parliament (Rajya Sabha)



Conferring the degree of Doctor of Science (Honoris Causa) on
Shri. Abhijit Mukherjee
Member of Parliament (Lok Sabha)



Conferring the degree of Doctor of Science (Honoris Causa) on
Dr. Raghunath Mashelkar
National Research Professor

7th Convocation 1st April, 2016



Felicitation of Chief Guest **Dr. Harsh Vardhan,**
Minister of Science and Technology and Earth Sciences
Government of India



Conferring the degree of Doctor of Science (Honoris Causa) on
Dr. C. N. R. Rao,
National Research Professor & Linus Pauling Research Professor

8th Convocation 8th April, 2017



Felicitation of Chief Guest **Shri. Nitin Gadkari**,
*Union Minister of Road Transport, Highways and Shipping,
Government of India*



Conferring the degree of Doctor of Science (Honoris Causa) on
Shri. A. S. Kiran Kumar, *Secretary, Department of Space,
Government of India and Chairman (ISRO)*



Conferring the degree of Doctor of Letters (Honoris Causa) on
Shri. Avdhoot Shivanand, *Shivyog Dham,
Avdhoot Shivanand Ashram, Gurugram, Haryana*



Conferring the degree of Doctor of Letters (Honoris Causa) on
Shri. Vinay Vilasrao Kore, *Head, Warana Co-operative Industrial &
Educational Complex, Kolhapur*

9th Convocation 29th March, 2018



Felicitation of Chief Guest
Shri. M. Venkaiah Naidu,
Hon'ble Vice President of India



Felicitation of
Shri. Girish Bapat
Hon'ble Guardian Minister, Pune



Felicitation of
Dr. D. Y. Patil
Former Governor of Bihar



Doctor of Science degree (Honoris Causa) conferred on
Prof. Achyuta Samanta
*Founder, KIIT and KISS, Bhubaneswar
Member of Parliament (Rajya Sabha)*



Doctor of Letters degree (Honoris Causa) conferred on
Dr. Pratapsinh G. Jadhav
*Chairman, Pudhari Publications Pvt. Ltd.,
Kolhapur*



Doctor of Letters degree (Honoris Causa) conferred on
Adv. Vishnu R. Parnerkar
President, Guru Seva Mandal, Parner, Maharashtra

10th Convocation 13th April, 2019



Tree plantation with the hands of Chief Guest
Dr. Bhushan Patwardhan
*Hon'ble Vice Chairman, University Grants Commission,
New Delhi*



Members of Board of Management with
Chief Guest **Dr. Bhushan Patwardhan**
*Hon'ble Vice Chairman, University Grants Commission,
New Delhi*



Felicitation of
Dr. Bhushan Patwardhan
*Hon'ble Vice Chairman, University Grants Commission,
New Delhi*



Felicitation of
Dr. D. Y. Patil
Former Governor of Bihar



Doctor of Letters degree (Honoris Causa) conferred on
Sant Shri Suman Bhai
*Kuladhipati, Mountirth,
Ujjain*



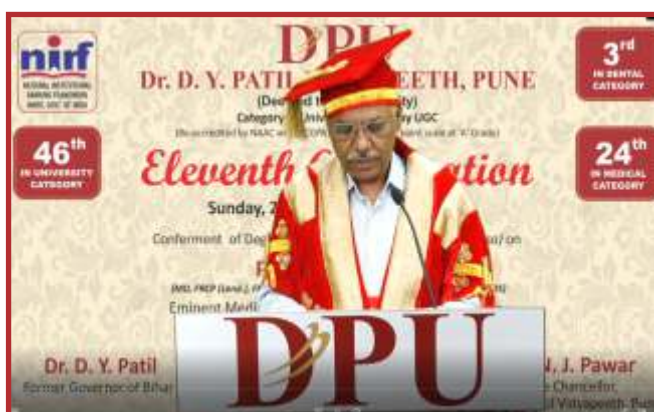
Doctor of Letters degree (Honoris Causa) conferred on
Shri B. J. Khatal Patil
*Former Cabinet Minister,
Government of Maharashtra*

11th Convocation 28th June, 2020

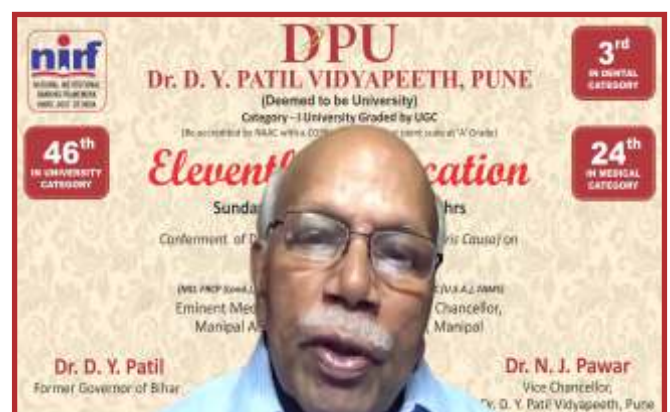
This year due to COVID 19 Pandemic situation all over the world, Dr. D. Y. Patil Vidyapeeth, Pune (Deemed to be University) had conducted its 11th Convocation virtually on Sunday, 28th June, 2020 at 4.00 p.m. Hon'ble Dr. P. D. Patil, Chancellor, Dr. D. Y. Patil Vidyapeeth, Pune delivered the Convocation Address. The Degree of Doctor of Science (*Honoris Causa*) was conferred on Dr. B. M. Hegde, Former Vice Chancellor, Manipal University, Mangalore. Around 22 candidates were awarded gold medals.



Lamp Lighting by the hands of Hon'ble Dr. P. D. Patil, Chancellor, Dr. D. Y. Patil Vidyapeeth, Pune



Address by Hon'ble Dr. N. J. Pawar, Vice Chancellor,
Dr. D. Y. Patil Vidyapeeth, Pune.



Address by Hon'ble Dr. B. M. Hegde,
Former Vice Chancellor, Manipal University, Mangalore.

12th Convocation 29th June, 2021

The Twelfth Convocation ceremony virtually (online) of Dr. D. Y. Patil Vidyapeeth, Pune was held on Tuesday, 29th June 2021, at 12 noon at the Dr. D. Y. Patil Vidyapeeth's Auditorium. The Chief Guest of the program was Hon'ble Dr. Dharendra Pal Singh, Chairman, University Grants Commission, New Delhi. The ceremony was presided by DPU Chancellor, Hon'ble Dr. P. D. Patil and Pro Chancellor, Hon'ble Dr. Bhagyashreetai Patil, graced the function. Vice Chancellor Dr. N. J. Pawar, presented the Vidyapeeth Report.

Padma Vibhushan Awardee Hon'ble Dr. Jayant Narlikar (Emeritus Professor, The Inter-University Center for Astronomy and Astrophysics, (IUCAA) and renowned educationist Hon'ble Prof. Ram Takwale, Chief Mentor, Maharashtra Knowledge Corporation Limited, Former Vice-Chancellor Pune University, Yashwantrao Chavan Maharashtra Open University, Nashik, Indira Gandhi National Open University, New Delhi) were honoured with Degree of Doctor of Science (*Honoris Causa*) at the convocation ceremony. The 1577 no. of degrees awarded to graduates in various disciplines, including 14 - Ph.D., 679 graduates, 874 Postgraduates, and 10 diplomas. Also, 22 students who have achieved excellence in various examinations of the University were honored with gold medals.



Hon'ble Dr. P. D. Patil
Chancellor DPU, Presided the Ceremony



Hon'ble Dr. Dharendra Pal Singh
Chairman UGC, Chief Guest of the Ceremony



Conferring the Degree of Doctor of Science (*Honoris Causa*) on
Hon'ble Dr. Jayant Narlikar
Emeritus Professor, (IUCAA)



Conferring the Degree of Doctor of Science (*Honoris Causa*) on
Hon'ble Prof. Ram Takwale
Former Vice-Chancellor YCM Open University, Nashik

13th Convocation 20th May, 2022



Felicitation of Chief Guest
Shri. Rajnath Singh
Defence Minister, Government of India



Conferring the Degree of Doctor of Letters (*Honoris Causa*) on
Dr. Abhay Firodia
Chairman, Force Motors Ltd., Pune



Felicitation of
Dr. Abhay Firodia
Chairman, Force Motors Ltd., Pune



Conferring the Degree of Doctor of Letters (*Honoris Causa*) on
Shri. Prataprao Pawar
Chairman, Sakal Media Group, Pune



Felicitation of
Shri. Prataprao Pawar
Chairman, Sakal Media Group, Pune



Conferring the Degree of Doctor of Science (*Honoris Causa*) on
Dr. Vedprakash Mishra
Pro Chancellor and Chief Advisor,
Datta Meghe Institute of Medical Sciences,
(Deemed to be University), Nagpur



Felicitation of
Dr. Vedprakash Mishra
Pro Chancellor and Chief Advisor,
Datta Meghe Institute of Medical Sciences,
(Deemed to be University), Nagpur

14th Convocation held on 14th August, 2023



Felicitation of Chief Guest
Shri Ramesh Bais
Hon'ble Governor of Maharashtra



Conferring the Degree of Doctor of Science (*Honoris Causa*) on
Shri. Arun Firodia
Chairman, Kinetic Group, Pune



Felicitation of
Shri. Arun Firodia
Chairman, Kinetic Group, Pune



Conferring the Degree of Doctor of Science (*Honoris Causa*) on
Dr. Pramod Chaudhari
Founder & Executive Chairman, Praj Industries Ltd., Pune



Felicitation of
Dr. Pramod Chaudhari
Founder & Executive Chairman, Praj Industries Ltd., Pune



Conferring the Degree of Doctor of Science (*Honoris Causa*) on
Dr. P. N. Razdan
Principal Advisor,
Quality Assurance & Excellence Cell,
Ramaiah Group of Institutions, Bangalore



Felicitation of
Dr. P. N. Razdan
Principal Advisor,
Quality Assurance & Excellence Cell,
Ramaiah Group of Institutions, Bangalore

Dr. D. Y. Patil Vidyapeeth, Pune

Dr. D. Y. Patil Vidyapeeth, Pune was established in 2003. It is situated in Pimpri, in the city of Pune.

The city is steeped in cultural, educational and political history. Pune was the cultural capital of the Marathas and rightly it has earned the sobriquet as the 'Queen of the Deccan'. It is situated at the height of 575 meters above the sea level, on the Deccan plateau in the Sahyadri ranges. The city is surrounded by verdant hills and the pristine lakes. Due to the picturesque setting of the city coupled with its salubrious climate, it has become a home for many after their retirement! That is why the city is also known as the 'Pensioner's Paradise.'

The city has a rich legacy in education. It is called the "Oxford of the East," as it has the highest number of Colleges and Universities compared to any other city in India. About 25,000 foreign students from over 99 countries are pursuing their education in Pune.

It has a large number of reputed educational and research institutes, such as Savitribai Phule Pune University, Pune, Deccan College, College of Military Engineering (CME), Armed Forces Medical College (AFMC), Bhandarkar Oriental Research Institute, National Chemical Laboratory (NCL), National Defence Academy (NDA) National Center for Cell science (NCCS), National Institute of Virology (NIV), National AIDS Research Institute (NARI) and Information Technology park at Hinjewadi, etc.

Dr. D. Y. Patil Vidyapeeth, Pune is located at a distance of 13 km. from the Pune Railway Station and the Airport. The city is well connected to Mumbai and the entire country through rail, air and by road. The city also has an International airport!



Dagdusheth Ganpati



NCL



IISER, Pune

| Salient Features | | |
|------------------|-------------------------|---------------|
| Altitude | 575 m | |
| Area | 816 sq. km. | |
| Population | 10.46 Million (approx) | |
| Language | Marathi, English, Hindi | |
| Climate | Max. Temp (C) | Min. Temp (C) |
| Summer | 40 | 20 |
| Winter | 25 | 8 |
| Rain | Moderate 75 cm. p.a. | |



Shaniwarwada



NARI

About Vidyapeeth

Establishment:

Dr. D. Y. Patil Vidyapeeth, Pune was **granted Deemed-to-be University status** under **Section 3** of the **University Grants Commission Act, 1956** by the Government of India, Ministry of Human Resource Development on the recommendation of the University Grants Commission, New Delhi comprising of Dr. D. Y. Patil Medical College, Hospital and Research Centre, Pimpri, Pune vide their Notification No. F.9-39/2001- U.3 dated 11th January 2003.

Dr. D. Y. Patil Vidyapeeth, Pune (DPU) had a humble beginning with one institution under its fold. Over the last 20 years it has grown by leaps and bounds with the addition of 12 more professional institutions. Today the 13 institutions of Dr. D. Y. Patil Vidyapeeth, Pune have created a brand name “DPU” in the field of Medicine, Dentistry, Nursing, Physiotherapy, Optometry, Biotechnology, Management, Ayurved, Homeopathy, Design, Allied Health Sciences, Liberal Arts, Science & Technology and Online Learning. Dr. D. Y. Patil Vidyapeeth, Pune has state-of-the-art infrastructure and dedicated faculty over and above the respective council norms. All the programmes offered in these Constituent Units of the Vidyapeeth are duly recognized by the respective Councils such as NMC/DCI/INC/NCISM/NCH/AICTE/UGC/MSOTPT, etc.

Accreditation / Rankings / Recognitions:

- Achieved the Highest Benchmark in **Academic Excellence** with a **CGPA of 3.64** on four point scale at '**A++**' Grade by NAAC.
- Dr. D. Y. Patil Vidyapeeth, Pune is Included in the list of Institutions Deemed to be Universities **under section 12B of the UGC Act, 1956** by UGC.
- The Vidyapeeth is declared as **Category - I University** by UGC Under Graded Autonomy Regulations, 2018.
- In **NIRF Rankings 2023** conducted by Ministry of Education, New Delhi, the Vidyapeeth has ranked **46th** in **University Category**, **3rd** in **Dental Category** and **15th** in **Medical Category**.
- The Vidyapeeth is an **ISO 9001:2015, ISO 14001:2015** and **Green Education Campus** Certified University.
- Under **Swachh Campus Ranking 2019** of Higher Educational Institutions, conducted by Ministry of Human Resource Development (MHRD), Government of India, the university has achieved **9th rank** amongst the Cleanest Higher Educational Institutions in the Country in the category '**Residential Universities – UGC**'.
- DPU has received '**One District One Champion 2021-22**' Award for Swachata Action plan conducted by MGNCRE under Ministry of Education, Govt. of India.
- Recognised as “**Social Entrepreneurship Swachhata & Rural Engagement Cell**” (**SES REC**) **Institution**, by Mahatma Gandhi National Council of Rural Education, Department of Higher Education, Ministry of Education, Government of India in September, 2020.
- **Biotechnology and Bioinformatics Institute** recognized as **DST-FIST (Level-I) Institute**.
- **Medical College** has been **recognized** as a **Regional Centre** for conducting **revised Basic Course Workshop exclusively for PG teachers (rBCW-PG)** in stand-alone PG Institutions by **National Medical Commission, New Delhi** on 11th February 2021.
- All our hospitals viz Medical, Dental, Ayurved and Homoeopathy are **NABH** accredited and all laboratories are **NABL** accredited.
- The **Regenerative Medicine Lab** in the Dental College and the '**Sudhatatva Pharmacy**' of Ayurveda College are **FDA Approved and GMP Certified**.
- The Vidyapeeth is registered with **Foreign Contribution (Regulation) Act (FCRA)** in 2013 & re-registered in 2018.
- The Vidyapeeth is recognized as **Scientific and Industrial Research Organization (SIRO)** by Department of Scientific and Industrial Research (DSIR) since 2017.
- **DPU Ethics Committee** is re-registered by **Drug Controller General of India (DCGI)**.
- **DPU Unit of UNESCO Chair in Bioethics**, Haifa was established in May 2015.

Infrastructure & Learning Resources:

- DPU has always endeavored to deliver quality education in a globally benchmarked learning environment through modern amphitheatre-styled air-conditioned classrooms, hi-tech & well-furnished laboratories with avant-garde equipment have been provided for both teaching and research.
- All the institutions have excellent library resources with a large number of books, periodicals and e-journals besides the latest e-resources like SCOPUS, EBSCOHOST, Elsevier Clinical Key, Elsevier Clinical Flex, J-Gate, etc.
- DPU has a strong IT infrastructure with AV studio, dedicated Data Centre and in-house Software Development Cell (SDC). The entire campus and classrooms are Wi-Fi enabled with a bandwidth of >2 GBPS internet connectivity.
- The hostels have all the facilities including TV room, Wi-Fi connectivity, recreation room, well-equipped gym, visitors' room, guest rooms, reading room, 24x7 security service, CCTV surveillance cameras, mess facilities, cafeteria and solar power heaters.

Research / Collaborations:

- The success of DPU in establishing strong research credentials and a vibrant research culture are evidenced by progressive increase in number of publications, enhanced bibliometrics, receipt of external funding, continuing collaborations and development of new collaborations with world class universities.
- DPU established 'DPU Foundation for Innovation Incubation and Entrepreneurship' (DPU FIIE) a non-profit organization registered under section 8 of Companies Act, 2013.
- DPU signed various MoUs and collaborative agreements with many institutions in India and worldwide. The International linkages of DPU have helped it in drawing upon the wisdom built up at the partner institutions of repute. Some of the important ones are with Department of Global Health Education, Johns Hopkins University, USA; Public Health Queen's University, Belfast; University of Skövde, Sweden, Massachusetts Institute of Technology (MIT) and Harvard University, USA, etc.
- DPU offers Ph.D. and Post-Doctoral Scholarships. A scholar can also pursue Ph.D. in Interdisciplinary Sciences.
- The “Medical Journal of Dr. D. Y. Patil Vidyapeeth” has been indexed in SCOPUS and UGC-CARE. Also, “Journal of Dental Research and Review” has been indexed in UGC-CARE.

Memberships – National and International

- Association of Indian Universities (AIU), New Delhi.
- Association of Commonwealth Universities (ACU), UK.
- International Association of University Presidents (IAUP), US.
- All India Management Association (AIMA), New Delhi.
- Institutional Membership of the Current Science Association, Bangalore

Constituent Colleges and Institutes :

- Dr. D. Y. Patil Medical College, Hospital and Research Centre, Pimpri, Pune
- Dr. D. Y. Patil Dental College and Hospital, Pimpri, Pune
- Dr. D. Y. Patil Biotechnology and Bioinformatics Institute, Tathawade, Pune
- Global Business School and Research Centre, Tathawade, Pune
- Dr. D. Y. Patil College of Nursing, Pimpri, Pune
- Dr. D. Y. Patil College of Physiotherapy, Pimpri, Pune
- Dr. D. Y. Patil Homoeopathic Medical College & Research Centre, Pimpri, Pune
- Dr. D. Y. Patil College of Ayurved & Research Centre, Pimpri, Pune
- Dr. D. Y. Patil Institute of Optometry & Visual Sciences, Pimpri, Pune
- Centre for Online Learning, Sant Tukaram Nagar, Pimpri, Pune.
- Dr. D. Y. Patil School of Allied Health Sciences, Pimpri, Pune
- Dr. D. Y. Patil School of Liberal Arts, Pimpri, Pune
- Dr. D. Y. Patil School of Design, Tathawade, Pune
- Dr. D. Y. Patil School of Science and Technology, Tathawade, Pune

From the Director's Desk

Dear Students,



Biotechnology deals with an array of important activities with actual as well as potential impact on every sphere of human life and welfare, Food security, environmental protection, disease diagnosis treatment and national security, Biotechnology and Bioinformatics play an important role in every sector. The field of Biotechnology has, of late, pervaded and percolated to every dimension of human activity, thus leading to employment generation, large scale generation of useful products, trade, economy, health/well-being, and the quality of human life, throughout the world. Bioinformatics, on the other hand, is the application of computer technology to the management of biological information. It combines computer science with biology to gather, store, analyse and integrate biological and genetic information which can then be applied to drug discovery and development. Bioinformatics is an indispensable ally of researchers in every area of biological research. NEP 2020 as per the guidelines of UGC and AICTE is being implemented in phasewise manner.

The Biotechnology industry comprises of various segments: Blue (Aquatic), Green (Agricultural), Red (Medical) and White (Industrial) Biotechnology. While Bio-pharma deals with the production of vaccines, therapeutics and diagnostics, Agri-biotech deals with plant tissue culture, transgenic crops, bio-pesticides, and bio-fertilizers. Bioinformatics uses biological data and speeds up development of new products. Bio-industrial sector deals with manufacturing of platform which chemicals are used in detergent, textile, food, leather, paper and pharmaceutical industry.

It is my immense pleasure to welcome you to Dr. D. Y. Patil Biotechnology and Bioinformatics Institute (DYPBBI), Dr. D.Y. Patil Vidyapeeth, Pune for developing a career in Biotechnology and Bioinformatics. DYPBBI is dedicated to train and develop students in the field of Biotechnology. DYPBBI offers both UG and PG courses in Biotechnology We also offer Ph.D. programme in Biotechnology and Bioinformatics. Learning at the Institute is supported by adequate and up-to-date infrastructure facilities including subject-specific laboratories and all relevant and modern instruments required for training. Recent Infrastructure support (DST-FIST) from the Department of Science & Technology (Govt. of India) is a big boost to develop our infrastructure further.

At the Institute, we have adequate number of quality faculty with expertise in various sub-areas in Biotechnology & Bioinformatics. International exposure and dedication is our other strength. We pay substantial attention to the essential requirement of hands-on experience through research projects. In this way, we ensure that the students become competent for further studies and employment at various organizations.

Beyond this, DYPBBI is an exciting place for co-curricular and extra-curricular activities such as symposia and seminars, students' fests, quiz competitions, Science-day activities, blood donation camps and other such activities. These events provide students an opportunity to develop management and communication skills, as well as creating an excellent ambience for education in Biotechnology and Bioinformatics. We are very proud of our past students, many of whom are well-placed after completion of their studies. I, along with my excellent team of student-centric teachers and administrative staff, welcome you to the exciting field of Biotechnology through DYPBBI. I wish you good luck for the forthcoming All India Biotechnology Online Proctor Based Entrance Test Examination and shall be looking forward to your admission at our Institute.

Dr. Neelu Nawani
Director

About The Institute

The Institute

Dr. D. Y. Patil Biotechnology and Bioinformatics Institute (DYPBBI), Tathawade, Pune is established as one of the constituent unit of Dr. D. Y. Patil Vidyapeeth, (Deemed to be University), Pune. The Institute is located at Survey No. 87/88, Tathawade Pune-33. This institute is led by eminent Biotechnologists, Molecular Biologists, Biochemists, Industrial Microbiologists, Plant and Animal Biotechnologists and Bioinformaticians. In addition, eminent visiting faculties from Industrial and Academic background are invited for their valuable expertise in the specialized topics covering Biotechnology and Bioinformatics. DYPBBI is also supported by DST-FIST for infrastructure.

Infrastructure

Institute is having a building with ninety thousand sq. ft. area. The Institute has developed state-of-the-art lecture rooms equipped with LCD and overhead projectors, Public address (PA) system etc. It has a well equipped library with titles from foreign and Indian authors. Institutional library has a rich collection of text books, reference books & national and international journals, including e-books and e-journals. Well-equipped laboratories as required for efficient teaching and research are in place. Computer laboratory is equipped with ninety five personal computers with LAN connection and 24X7 high speed internet facilities through which students can access scientific literature, lectures by faculty, industry news which would help them to create general awareness in the discipline.

It is also possible to access Bioinformatics databases and softwares, public domain software for molecular graphics and informatics in addition to in house software and application software from commercial vendors (e.g. SYSTAT for statistical analysis, Bioinformatics packages:- V life, Flexy and HYPERCHEM). The institute has 21 laboratories for: Biochemistry, Microbiology, Industrial Biotechnology, Animal and Plant Tissue Culture, Molecular Biology, Instrumentation, Engineering Graphics and two computer laboratories. Wet laboratories are equipped with spectrophotometers (UV-VIS, double beam), electronic balances, high speed cooling centrifuge, deep fridge-150°C, BOD incubators, HPLC, Gas chromatography, biosafety cabinets, ELISA reader, Gel Doc System, Fermenters, PCR machines etc. Further, the Institution has ambitious plans for developing one of the best Research and Development center for contract research program in Pune.

Hostel Accommodation:

Girls & Boys Hostel facilities are available on payment basis subject to availability. A well-built hostels of 92,800 sq. ft. area are available on campus for girls and boys separately, having mess facilities on payment basis. The rooms are well furnished along with the amenities like Internet, Telephone, Doctor on Call, hot water facility etc. Reading room & Central TV room are also available.

Research

Dr. D. Y. Patil Biotechnology and Bioinformatics Institute has established research facilities in Biotechnology and Bioinformatics. The Institute has received research funding from National & International agencies like Department of Science and Technology (DST), Govt. of India, Department of Biotechnology (DBT), Govt. of India & Swedish International Development Corporation Agency (SIDA), Sweden. The faculty members publish papers in National & International peer reviewed journals and present their research along with their students at National & International conferences. The Institute has published more than 350 research papers, 30 book chapters & more than 600 research abstracts. Nearly 20% students pursue higher studies in reputed national & international universities giving strong alumni to the Institute. Under bilateral exchange program our faculty and students are deputed to University of Skovde, Sweden. Students for exchange program are selected based on their overall academic performance. Further details are available on www.biotech.dpu.edu.in



Smart Class-Room



Students Lab-Practical



Research Lab



Student Hostel Room



Student Study Tour (NIO, Goa)



Poly House

OPPORTUNITIES IN BIOTECHNOLOGY

Biotechnology combines Genetics, Biochemistry, Microbiology, Immunology, Fermentation Technology, Bioprocess Engineering, Tissue Culture Technology, Molecular Biology, Recombinant DNA Technology and IPR. Bioinformatics helps to speed up the discovery of new products such as: Diagnostics, Drugs, Nutraceuticals, Proteins, Enzymes, Cosmetics, Detergents and Pesticides. It also helps basic research in medical and agricultural sciences. Biotechnology has applications in the field of medical & veterinary sciences, chemical engineering, food and agriculture science, pollution and environment protection, waste management. Industrial units in the above fields require skilled personnel in Biotechnology.



Molecular Modelling and docking server.



Heavy Metal Analyzer (From SIDA Project)

Acquiring Skills from Biotechnology Programme.

- Basic Cell Biology and Microbiology Techniques
- Bio - analytical Techniques
- Molecular Biology Techniques
- Tissue Culture (Animal and Plant) Techniques.
- Fermentation Technology
- Biopharmaceuticals
- Food Biotechnology
- Clinical Research



Total Organic Carbon Analyzer (From DST Project)

Faculty Details

| S.N. | Name of the Staff | Qualification | Designation | Teaching/Research Experience after PG |
|------|---------------------------|--|-------------------|---------------------------------------|
| 1. | Dr. Neelu Nawani | M.Sc., Ph.D. (Microbiology) | Director | 28 years |
| 2. | Dr. J. K. Pal | M.Sc. (Zoology), Ph.D. (Developmental Biology) | Research Director | 45 years |
| 3. | Dr. Minal Wani | M.Sc., Botany, Ph.D. (Plant Physiology) | Professor | 28 years |
| 4. | Dr. Nilesh Sharma | M.Sc., Ph.D. (Molecular Biology) | Professor | 17 years |
| 5. | Dr. Rajesh Kumar Gupta | M.Sc., Ph.D. (Life Science) | Asso. Professor | 19 years |
| 6. | Dr. Manjusha Dake | M.Sc., Ph.D. (Biochemistry) | Asso. Professor | 24 years |
| 7. | Dr. Shuchi Nagar | M.Sc., Ph.D. (Molecular Modeling & Computational Drug Design) | Asso. Professor | 14 years |
| 8. | Dr. Soumya Basu | M.Sc. (Microbiology) Ph.D. (Life Science) | Asso. Professor | 20 years |
| 9. | Dr. Rachna Pandey | M.Sc., (Botany) Ph.D. (Biotechnology) | Asso. Professor | 24 years |
| 10. | Dr. Palashpriya Das | M.Sc., M. Tech. Ph.D. (Marin Biotechnology) | Asso. Professor | 12 years |
| 11. | Dr. Supriya Kore | M.Sc. Ph.D.(Microbiology) | Asst. Professor | 23 years |
| 12. | Ms. Arti Kale | M.Sc. (Microbiology) SET | Asst. Professor | 22 years |
| 13. | Mr. Amol Salagare | M.Sc. (Microbiology) NET | Asst. Professor | 17 years |
| 14. | Dr. Amit Ranjan | M.Sc. (Biotechnology) Ph.D. (Cancer, Invasion & Metastasis) | Asst. Professor | 16 years |
| 15. | Dr. Satish Sasikumar | M.Sc. (Zoology), Ph.D. (Zoology / Developmental Genetics) | Asst. Professor | 22 years |
| 16. | Dr. Viniti D. Vaidya | M.Sc. (Microbiology), Ph.D. (Biotechnology) | Asst. Professor | 10 years |
| 17. | Dr. Swapnil Gaikwad | M.Sc., Ph.D. (Biotechnology) | Asst. Professor | 14 years |
| 18. | Dr. Afreen Huda | M.Sc., Ph.D. (Biotechnology) | Asst. Professor | 14 years |
| 19. | Dr. Ashwini Puntambekar | M.Sc., M.Phil, Ph.D. (Biotechnology) | Asst. Professor | 19 years |
| 20. | Dr. Manisha Junnarkar | M.Sc., Ph.D. (Biotechnology) | Asst. Professor | 18 years |
| 21. | Mr. Sampatkumar Jadhav | M. Tech. (Biotechnology), NET, GATE | Asst. Professor | 13 years |
| 22. | Dr. Jyoti Deshpande | M.Sc., Ph.D. (Biotechnology) | Asst. Professor | 16 years |
| 23. | Dr. Aditee Rane | M.Sc., Ph.D. (Physics) | Asst. Professor | 6 years |
| 24. | Dr. Heena Tabassum | B. Tech., M. Tech. Biotechnology, Ph.D. Biotechnology | Asst. Professor | 12 years |
| 25. | Dr. Supriyo Chowdhury | M. Sc. (Botany) Ph. D. (Plant Molecular Biology) | Asst. Professor | 08 years |
| 26. | Mrs. Rashmi Y. Pathe | M. E. (Communication Network) | Asst. Professor | 16 years |
| 27. | Dr. Subhayan Sur | M.Sc., Ph.D. (Biotechnology) | Asst. Professor | 10 years |
| 28. | Dr. Shatavari Kulshrestha | M.Sc., Ph.D. (Biotechnology) | Asst. Professor | 6 years |
| 29. | Dr. Amol Phule | M.Sc. Biotechnology, Ph.D. (Molecular Biology & Biotech.) | Asst. Professor | 6 years |
| 30. | Dr. Nidhi Aggarwal | M. Sc., Ph.D. (Biotechnology) | Asst. Professor | 8 years |
| 31. | Dr. Dimple Davray | M. Sc. (Life Science), Ph. D. (Bioinformatics) | Asst. Professor | 1 year |
| 32. | Dr. Amit Kumar Singh | M. Tech., Ph.D. (Biomedical Engineering) | Asst. Professor | 1 year |
| 33. | Dr. Latika Shendre | M. Sc., Ph.D. (Microbiology) | Asst. Professor | 5 years |
| 34. | Dr. Rabiya | M. Tech., Ph.D. (Biotechnology and Biochemical Engineering) | Asst. Professor | 1 year |
| 35. | Mrs. Vishakha Chobe | B. E., M. E. (Digital System) | Asst. Professor | 13 years |
| 36. | Ms. Madhavi Mali | M. Sc. (Mathematics), GATE | Teaching Asst. | 1 year |

Discipline & Conduct of the Student

1.1 Obligations of the Student

- 1.1.1 Conduct himself/herself properly
 - 1.1.2 Maintain proper behavior.
 - 1.1.3 Observe strict discipline both within the campus, hostel & outside of the Institution.
 - 1.1.4 Ensure that no act of his / her consciously or unconsciously brings the Institution or any establishment or authority connected with it into disrespect.
- 1.2 Any act/s by the student which is contrary to the clause (1), shall constitute **misconduct and/or indiscipline**, which include any one or more of the acts jointly or severally, mentioned hereinafter;
- 1.2.1 Any act of the student which directly or indirectly causes or attempts to cause disturbance in the lawful functioning of the Institution.
 - 1.2.2 The student who is repeatedly absent from the class, lectures, tutorials, practicals and other courses.
 - 1.2.3 The student not abiding by the instructions of the Faculty members and not interacting with them with due respect.
 - 1.2.4 Any student found misbehaving in the campus/class or behaving arrogantly, violently towards the faculty, staff or fellow student.
 - 1.2.5 The Students who is not present for all the class tests, midterm tests, terminal and preliminary examinations.
 - 1.2.6 Permitting or conniving with any person / parent / guardian, which is not authorized to occupy hostel room, residential quarter, or any other accommodation or any part thereof of the Institution.
 - 1.2.7 Obstruction to any student or group of students in any legitimate activities, in classrooms / laboratories / field or places of social and cultural activities within the campus of the Institute.
 - 1.2.8 Possessing or using any fire arms, lethal weapon, explosives, or dangerous substances in the premises of the Institution.
 - 1.2.9 Indulging in any act which would cause embarrassment or annoyance to any student / authority / staff or any member of the staff.
 - 1.2.10 Stealing or damaging any farm produce or any property belonging to the Institution, staff member or student.
 - 1.2.11 Securing admission in the Institution, to any undergraduate or post graduate program or any other course by fabrication or suppression of facts or information.
 - 1.2.12 If the student fails to complete the assignments regularly and has poor academic performance when assessed by the regular class teachers and internal assessment, he/she will not be allowed to appear for the Vidyapeeth examination.
 - 1.2.13 If a student remains absent for lectures, practical or class test and examinations without prior permission of the Principal or the head of the departments, she/he will not be compensated for extra class.
 - 1.2.14 Students should read the notices regularly on notice boards in the academic complex, library and the department notice boards.
 - 1.2.15 Damage of property of the college and its sister institutes like tampering with fixtures, fittings, equipments, instruments, furniture, books, periodicals, walls, windows panels, vehicles etc., will be viewed very seriously.
 - 1.2.16 Recording of any electronic images in the form of photographs, audio or video recording of any person without the person's knowledge; when such recording is likely to cause injury, distress, or damage the reputation of such person; is prohibited in any part of the College and hostel premises. The storing, sharing or distributing

of such unauthorized records by any means is also prohibited.

- 1.2.17 Use of mobile phones and head phones during college hours is prohibited.
- 1.2.18 As per the rules and regulations of the Dr. D.Y. Patil Vidyapeeth, Pimpri, Pune, 80% attendance in a subject for appearing in the examination is compulsory inclusive of attendance in non-lecture teaching i.e. seminars, group discussion, tutorials, demonstrations, practical's, hospital (tertiary, secondary, primary) posting and bedside clinics etc.
- 1.2.19 The Students must present in proper dress code with apron/ lab coat, name badge and identity card on all week days /working days and during clinical duties.
- 1.2.20 Admission of the student will be cancelled at any point of time in case of;
 - 1.2.20.1 Not submitting the required documents on time.
 - 1.2.20.2 Failing to fulfill required eligibility criteria of the program.
 - 1.2.20.3 Submission of fake or incorrect documents.
 - 1.2.20.4 Admission gained by resorting to fraudulent means, illegal gratification or any unfair practice detected at any stage during the entire program.
 - 1.2.20.5 Not paying the stipulated fees on time.

1.3 Prohibition of Ragging:

- 1.3.1 Ragging in any form is strictly prohibited in the campus and outside. The UGC Regulations on "Curbing the Menace of Ragging in Higher Educational Institutions, 2009" (as amended) and the MCI (Prevention and Prohibiting Ragging in Medical Colleges/ Institutions) Regulations 2009, and DCI Regulations on Curbing the Menace of Ragging in Dental Colleges, 2009 shall be applicable to all students of the Vidyapeeth.
- 1.3.2 It is mandatory to fill the online Anti Ragging undertaking, by every student at the time of the admission and on commencement of every academic year.
- 1.3.3 Smoking or consumption of alcoholic beverages, or use of banned materials inside the College, Hostel and Campus is strictly prohibited.. Any violation on the part of the students will be viewed very seriously and they will be suspended from the college immediately pending enquiry and in the case of hostellers, they will be expelled from the hostels immediately. Such students will not be permitted to attend classes/sit for examinations and enter the campus without the written permission of the competent Authority.

1.4 Attendance & Progress:

Each student shall always maintain decency, decorum and good conduct, besides keeping steady progress and required attendance. The conduct/ academic performance/ attendance of each student shall be reviewed periodically and appropriate action, including detaining from appearing for the Vidyapeeth Exam/ expelling from the Hostel or College, as the case may be, will be taken against the erring student. The students shall abide by such decision of the authorities of the Institution/Vidyapeeth.

1.5 Payment of Tuition and other Fees

- 1.5.1 On admission of candidates to the first year of the course of study, all the notified fees viz., annual tuition fee, registration and eligibility fee, health insurance, caution deposit, hostel and mess fee, etc., as applicable, should be paid on or before the prescribed date without fail. Any delay will attract penalty as specified. If any candidate fails to remit tuition fee and other fees within the last date as notified, he/she will forfeit his/her admission to the course concerned.

- 1.5.2 In respect of subsequent year(s) of study, tuition fee and other specified fees shall be paid on or before the date as notified to the parents/students and on the Notice Board of the Institution /College concerned. Late payment, if any, will attract penalty as specified.
- 1.5.3 Similarly, examination fee, as prescribed and notified from time to time, shall be paid on or before the due date. If there is any delay, student has to pay penalty as specified. If any student fails to remit the examination fee even after lapse of the period specified for payment with penalty, such student will not be issued Hall Ticket for the Vidyapeeth examination(s)/debarred from appearing in the Vidyapeeth examination(s).
- 1.5.4 All fees, once paid to the Vidyapeeth account, will not be refunded or adjusted for any other purpose under any circumstances.

1.6 Rules relating to Vidyapeeth examinations:

- 1.6.1 The candidates appearing for the Vidyapeeth theory examinations shall be under the direct disciplinary control of the Centre Incharge. Possession of cell phone or any electronic device or incriminatory materials by a candidate or found copying from any device in the examination hall, is strictly prohibited.
- 1.6.2 Disciplinary action will be initiated if any candidate indulges in any malpractice (unfair means) as enumerated in the Vidyapeeth Examination Manual.

1.7 Rules for Hostel Students

All inmates of the Hostel shall observe the following rules for the smooth and efficient running of the hostel and for their comfortable stay:-

- 1.7.1 Only bonafide students of Vidyapeeth are eligible for admission to the hostels.
- 1.7.2 Students who fail to remit the Hostel fee even after a reminder in writing, shall vacate the hostel room allotted to them, forthwith.
- 1.7.3 No posters or pictures should be stuck inside and outside the room or anywhere around the premises of the hostel or College. Hostlers should avoid sticking bills and posters on the windows, doors and walls (except name strips on the room door). In case the room is found not in order, fine will be levied on the erring student.
- 1.7.4 Inmates should switch off fans and lights before leaving their rooms.
- 1.7.5 The inmates are advised to close the taps after use in order to avoid wastage of water.
- 1.7.6 Dining services will be provided only in the mess and there will be no room service.
- 1.7.7 Whenever any hosteller falls sick the same should be reported by him/her to the warden who will provide all necessary assistance to get appropriate treatment or medicines.
- 1.7.8 While going out of hostel the students should enter their name in the register & sign the same by mentioning proper reason.
- 1.7.9 To leave the hostel premises, permission of the Chief Warden is absolutely necessary. Students who want to stay overnight to visit their parents or guardians should approach the Chief Warden for permission. Permission will be granted only after obtaining written request from the parent/guardian duly signed by them, which will be duly entered in a register maintained in each block by the Warden.
- 1.7.10 All rooms, corridors, toilets etc. must be kept clean and any student who violates the rule shall be expelled from the hostel.
- 1.7.11 Hostel facility is provided with a view to help the student to pursue his/her studies in good environment and to facilitate/ promote his/her academic progress. A student

who fails to keep up the congenial atmosphere and environment in the Hostel or to perform well and maintain academic progress shall not be allowed to use the hostel facility and shall vacate his/her room immediately on intimation from the Chief Warden/Dean/Principal/Director of Faculties.

All students will be governed by the rules stated above and by those that will be framed from time to time during the academic year.

Failure on the part of the students to abide by the disciplinary rules will result in such punishment including expulsion from the College/Hostel as may be imposed by the Institution / Vidyapeeth / Head of the Institution.

The decision of the Institution/Vidyapeeth/Head of the Institution with regard to disciplinary cases shall be final and all the students shall abide by such decisions.

1.8 Powers of Competent Authority (Dean/Principal/ Director at the Institute level)

The Competent authority may impose any one or more of the following punishment/s on the student found guilty of misconduct, indiscipline, in proportion thereof:

- 1.8.1 Warning/reprimand
- 1.8.2 Fine
- 1.8.3 Cancellation/withheld scholarship / award / prize / medal.
- 1.8.4 Expulsion from the Hostel.
- 1.8.5 Expulsion from the institution
- 1.8.6 Cancellation of the result of the student concerned in the examination of the Institution.
- 1.8.7 Temporary annulment from the Hostel/ Institution.
- 1.8.8 Rustication from the Institution.

1.9 Procedure for Inquiry

If the competent authority is satisfied that there is a prima facie case inflicting penalties, mentioned in clause No. 8, the authority shall make inquiry, in the following manner:

- 1.9.1 Due notice in writing shall be given to the student concerned about his alleged act of misconduct / indiscipline.
- 1.9.2 Student charged shall be required within 15 days of the notice to submit his/her written representation about such charge/s.
- 1.9.3 If the student fails to submit written representation within specified time limit, the inquiry may be held ex parte.
- 1.9.4 If the student charged desired to see the relevant documents, such of the documents, as are being taken into consideration for the purpose of proving the charge/s, may at the discretion of the inquiry authority, be shown to the student.
- 1.9.5 The student charged shall be required to produce documents, if any in support of his defense. The inquiry authority may admit relevant evidence/ documents.
- 1.9.6 Inquiry Authority shall record findings on each implication of misconduct or indiscipline, and the reason for such finding and submit the report along with proceedings to the competent Authority
- 1.9.7 The competent Authority on the basis of findings, shall pass such orders as it deems fit.

The procedure prescribed above need not be followed, when the student charged admits the charges in writing.

1.10 Appeal

If the punishment/fine/rustication is imposed on a student by Dean/Principal/ Director, such a student shall be entitled to file an appeal before the Vice- Chancellor within thirty (30) days of the receipt of the order.

Calendar of Events for Online Proctor Based AIPGBET - 2024

(Admission to Master of Science in Biotechnology M.Sc. Biotechnology Programme)

| | | | |
|---|--|---|---|
| 1 | Processing Fee | : | Rs.300/- |
| 2 | Last date for submitting the application form to- Dr. D. Y. Patil Vidyapeeth, Pimpri, Pune for Online Proctor Based All India Post Graduate Biotechnology Entrance Test -2024 (AIPGBET-2024) | : | <ul style="list-style-type: none">• Without late fee :12/04/2024 (Friday) Until 5.00 p.m. (Test Fee- Rs. 1000/-) (Total Rs. 1300/-)• With late fee : 19/04/2024 (Friday) Until 5.00 p.m. (Test Fee- Rs. 1250/-) (Total Rs. 1550/-) |
| 3 | Admit cards to candidates who are considered provisionally eligible for Online Proctor Based (AIPGBET - 2024) | : | All the candidates who have submitted the online application form are required to download the Admit card online two weeks before the day of Online Proctor Based (AIPGBET - 2024) |
| 4 | Day, Date & Time of Online Proctor Based (AIPGBET - 2024) | : | Sunday, 21/04/2024 From 11.00 a.m. to 12.30 p.m. |
| 5 | Declaration of Result | : | Will be notified on the Vidyapeeth Website |
| 6 | Schedule of Counseling | : | Will be notified on the Vidyapeeth Website |
| 7 | Venue of admission sessions | : | Dr. D. Y. Patil Biotechnology and Bioinformatics Institute, Tathawade, Pune - 411 033 |
| 8 | College to open on | : | Will be Displayed on Vidyapeeth Website |
| 9 | M.Sc. Biotechnology - Fee Structure | : | Rs. 1,40,000/- US \$ 1739 |

The Candidate submitting online application form should also pay processing & entrance fee through payment gateway .

Note - The Processing Fee and the Test Fee is non - refundable.

Results will be displayed on the Vidyapeeth website at www.dpu.edu.in. Results of individual candidate will not be communicated on telephone or by post.

***Note -**

DPU will provide the facility of downloading Admit Cards of All India Post Graduate Biotechnology Online Proctor Based Entrance Test on website: www.dpu.edu.in. Candidates are required to download the admit card from the website and follow the instructions given therein. Candidate may please note that admit cards will not be sent by the post.

The Admit Card will bear the candidate's Roll Number, Name, Father's Name, Photograph, Signature with Name of the candidate. The candidate should carefully examine the Admit Card downloaded by him/her for all the entries made therein.

Distribution of Seats

| Sr. No. | Name of the Programme | Duration | Intake | General Category | NRI* Category |
|---------|-----------------------|----------|--------|------------------|---------------|
| 1 | M. Sc. Biotechnology | 2 Years | 60 | 57 | 03 |

*NRI: Non-Resident Indians

The two year M.Sc. (Biotechnology) programme has four semesters. The first three semesters cover 75 credits hours with: basic subjects such as: Mathematics, Biostatistics, Cell Biology, Bio-analytical Techniques; Life science areas such as: Biochemistry, Microbiology, Genetics, and Biotechnology topics such as: Molecular Biology, Genetic Engineering, Animal & Plant Tissue Culture, Enzymology and Enzyme Technology, Bioprocess Technology and Bioengineering.

The fourth semester has twenty five credits. It is dedicated to industry posting and / or research posting in the reputed National / International research institute. Students can also do research in the Dr. D. Y. Patil Biotechnology & Bioinformatics Institute with senior faculty members.

Thus the programme will equip undergraduate students skill to conceptualize design and develop well designed software's and database for biologists. It will also provide professional expertise in the areas of Biotechnology and Information technology

Eligibility for Admission

Bachelor (B.Sc., B.Sc. (Hon), B. Tech.) in Biology, Chemistry, Botany, Zoology, Life Sciences, Biochemistry, Microbiology, Human Biology, Biotechnology, Pharmacology, Agriculture Biotechnology, B. Pharm, M.B.B.S., or B.V.Sc., of recognized Indian or Foreign University.

* NRI - Non Resident Indian

** Reservation of seats may be introduced in accordance with directives of the Government of India for Universities established under Section 3 of the University Grants Commission Act, 1956, if such directives are issued subsequent to the publication of this brochure.

Procedure and Definitions

General Category: Admissions under this category shall be made on the basis of the inter-se merit of the candidates qualified at AIPGBET-2024.

NRI Category: Candidate under this category are not required to appear for AIPGBET-2024. Admissions will be made on the basis of inter-se merit.

The candidate will be required to pay processing fee of U.S. \$ 200.

In case any seat earmarked for NRI is not filled in by the candidates of any of these sub-categories, the management shall fill in such vacant seat(s) from the candidate(s) who has / have cleared the AIPGBET-2024.

In this context, the bonafide NRIs, is defined as follows:

An NRI is a person who is “not a resident” or who is “not ordinarily resident”. A person is treated as “not ordinarily resident” (i) if he / she has been resident in India for less than 182 days in the year preceding the date of application; or (ii) If he / she has been in India for less than 365 days during the four years immediately preceding the date of application.

Processing of Application

Admission to M.Sc. Biotechnology shall be on All India basis through an All India Post Graduate Biotechnology Online Proctor Based Entrance Test conducted by Dr .D. Y. Patil Vidyapeeth, Pune (Deemed to be University). Candidates would be selected on the basis of merit and should be ready for **on the spot admission** after a personal counseling session as per the schedule given.

Fee Structure For M. Sc. Biotechnology Programme

Annual Fees

| Particulars | General Category | NRI Category |
|----------------------|------------------|--------------|
| M. Sc. Biotechnology | ₹ 1,40,000/- | US \$1739 |

Note: Annual Fee includes Tuition Fee, Development Fee

The Annual fee shall be increased by 3% each year.

The Annual fee is to be paid by NEFT / RTGS / Demand Draft in favor of "**Director, Dr. D. Y. Patil Biotechnology and Bioinformatics Institute, Pune**" payable at Pune by the student at the time of counseling and issue of admission letter.

Vidyapeeth Eligibility & Registration Fee (One-Time Fee)

15% (Fifteen Percent) of the Annual Fee, payable for the first year only, shall be paid by the student separately at the time of filling in the Eligibility Application, as Vidyapeeth Eligibility & Registration Fee. This fee shall be paid by a Demand Draft (DD) Drawn in favor of "**The Registrar, Dr. D. Y. Patil Vidyapeeth, Pune**" payable at Pune.

(Note: The Vidyapeeth Eligibility & Registration Fee is non-refundable)

Hostel Accommodation & Fees For Academic Year 2024-25

Hostel with Mess Facility are available.

Hostel Fees III Seater Non AC with mess will be notified on the Vidyapeeth Website: www.dpu.edu.in.

Vidyapeeth Examination Fees

In addition to the above fees the student shall pay the Vidyapeeth Examination Fee as prescribed by the Vidyapeeth from time to time. Other conditions and formalities shall be as per the Rules of the Vidyapeeth.

Uniform Fees

In addition to the above fees the student shall pay the Uniform Fee as prescribed by the Institute.

Rules for Cancellation of an Admission and Refund of Fees

- Admission to the programme can be cancelled at the request of the student, on submission of an application, within time.
- The Student applying for cancellation of the admission on or before the last date of admission, he will be entitled to get refund of fees as per rules notified on the website.

Ragging

As per the recent UGC Regulations, the affidavits to be filed by the Student and their parent about the anti-ragging regulations of UGC, these affidavits need not be on stamp paper nor need to be registered. On the Contrary they should be submitted by the admitted students by submitting these affidavits on-line. **As per UGC regulations mandatory affidavits should be submitted by all old and fresh students and parents / guardians on the UGC website - www.antiragging.in display the step by step guide on "How to fill an online anti ragging undertaking by the student and parent / guardian".**

Disputes

Differences of opinion and disputes arising in the interpretation and implementation of the clauses in this brochure, if any, shall be referred to the Vice-Chancellor of Dr. D. Y. Patil Vidyapeeth, Pune and his decision shall be final and binding on all the concerned.

Court Jurisdiction

Any legal dispute arising out of the admission procedure of these courses and refund of fees of the Vidyapeeth shall be under Pune jurisdiction only.

Warning

The candidate seeking admission to any of the course of the Vidyapeeth, is warned against possible cheating by unscrupulous persons, who may promise an assure seat by extracting large sum of money from the candidate/parent. The Vidyapeeth has not appointed any such agent(s). The Vidyapeeth shall not in any way be responsible for the misdeeds of such person(s).

Instructions for Applying Online

- 1 Visit <http://admissions.dpu.edu.in> to apply online.
- 2 Fill in your basic details and click on the Apply Now button.
- 3 You will have your dashboard open in front of you. Also welcome mail containing your login ID and password will be sent on your registered email ID. You can use these details to login later.
- 4 Fill the application form completely and upload all the required documents.
- 5 Make the fee payment online.
- 6 After completion of entire form with payment, click on 'Submit' button. Your admission form will get submitted.
- 7 After the successful payment of the fees, you will not be able to make any changes in the Application Form.
- 8 On the dashboard, two links for printing Receipt and Application Form will be available. Take printout of both the documents for your reference.
- 9 Link to print Admit Cards will be provided later and you will be intimated on your email ID and also through SMS on your given mobile number.
- 10 If you face any technical difficulty at any step while filling the application form, please mail us on the email ID provided on the dashboard of your login page.

Issue of Admit cards

- 1 All the candidates who have submitted the online application form, are required to download the Admit Card online two weeks before the day of Entrance Test.
- 2 The candidate shall not mutilate the admit card or change any entry made therein after it has been authenticated by the Vidyapeeth authorities.

Admission Session

- 1 The admission sessions will be conducted through online/offline counseling by the Dr. D. Y. Patil Biotechnology & Bioinformatics Institute, Tathawade, Pune. as per the schedule given in Calendar of Events in this brochure. Failure to report for admission on the scheduled date and time shall result in instantaneous cancellation of the claim of the candidate to the seat. It shall be the candidate's responsibility to ascertain the result of entrance test.
- 2 The candidate must note that appearance at the entrance test and inclusion of name in the merit list does not necessarily mean that he/she shall get admission to a course. His/her admission to a course shall depend upon the availability of seats at the time when his/her turn comes.
- 3 At the time of reporting for the admission, the candidate shall produce the documents (original and two sets of photocopies) listed in 'List of Documents' on the Vidyapeeth website. If the candidate fails to produce all or any of the above mentioned documents, his/her claim for a seat shall stand forfeited.
- 4 The selected candidate shall be required to submit the affidavit in the format given on the Vidyapeeth website and to pay the entire amount of Annual fees and the Vidyapeeth Eligibility fees, on the day of spot admission. The annual fees are to be paid through a NEFT / RTGS / Demand Draft, drawn on a nationalized bank favoring 'The Director, Dr. D. Y. Patil Biotechnology and Bioinformatics Institute, Pune', payable at Pune. The Vidyapeeth Eligibility fee shall be paid in similar manner favoring 'The Registrar, Dr. D. Y. Patil Vidyapeeth, Pune'. In case the candidate fails to pay the entire amount of fees, he/she may lose his/her claim for admission to that seat.
- 5 If any candidate finds it impossible to be physically present for the admission session due to unavoidable circumstances, he/she may authorize any other responsible individual to represent him/her for admission session. This representative must carry with him/her the Letter of Authorization in the format given on the Vidyapeeth website as well as all the documents listed in 'List of Documents' on the Vidyapeeth website. If the candidate or his/her representative fails to report for the admission session on the date and time mentioned in the schedule of admission, his/her claim for admission to the respective course shall stand forfeited.
- 6 Admissions made at the admission sessions are provisional. These will be confirmed after verification of eligibility of candidates by the Vidyapeeth.

Waiting List

- 1 A waiting list for admission to the course shall be prepared and notified on the Vidyapeeth website. The candidates, who desire to have their names included in the waiting list, shall submit their applications for inclusion of their names in the waiting list. If no such application in writing is submitted during the interview, the candidate's name shall not be included in the waiting list.
- 2 The seats, which become vacant during the admission session, shall be kept vacant. The waiting list shall become operative from 1st Aug. 2024 onwards and the candidates in the waiting list shall be offered seats as per availability of seats. The waiting list shall be operative till all the vacant seats are filled or till 30th September (cut-off date), whichever is earlier.

Students Achievements

DPU Dr. D. Y. Patil Biotechnology and Bioinformatics Institute

Congratulations

To the students selected for the MITACS Globalink Research Internship 2024






| | | |
|---|---|---|
|  |  |  |
| Soumya Bhatia (BIT Third year) | Anuradha Joshi (BIT Fourth year) | Priyanka Sonar (BIT Third Year) |
| Host academic institution: Dalhousie University | Host academic institution: St. Francis Xavier University | Host academic institution: Toronto Metropolitan University |
|  |  |  |

DPU Dr. D. Y. Patil Biotechnology and Bioinformatics Institute

Congratulations

To the M. Tech. (Int.) Biotechnology students selected for the AICTE PG (GATE) Scholarship 2023-24

| | | | |
|--|--|--|--|
|  |  |  |  |
| Anuradha Joshi | Atharva Shinde | Soumya Shekhar | Shreyashi Dahiya |

DPU Dr. D. Y. Patil Biotechnology and Bioinformatics Institute

Congratulations




| | |
|--|--|
|  |  |
| Manasi Samudra (M. Sc. Biotechnology 2 nd Year) | Ishika Balaji Iyer (B. Tech. Biotechnology 4 th Year) |
| 1 st Prize – Saha Singha Competition organized by Sakoi VIN (Vising Inspirations Network) Kala Mahotsav | Winner – Voice for BT Contest (Western region) |

DPU Dr. D. Y. Patil Biotechnology and Bioinformatics Institute

Congratulations

Students selected for Bilateral Exchange Program University of Skövde, Sweden

For final year Dissertation project AY 2023-24

| | | |
|---|---|---|
|  |  |  |
| A Nishanth Reddy (M. Tech. Integrated Biotechnology) | Hazel Sarmal (M. Tech. Integrated Biotechnology) | Patil Shriyash (M. Tech. Integrated Biotechnology) |

Academic and Co-curricular Activity



GYTI Awards from President of India



Teachers Day Celebration 2023



Industrial visit to Aone Agrobiotech 2023



Social Outreach Activity 2023



World Environment Day 2023



Social Awareness and Donation Program 2023

Cultural Activity



Cytosoul 2023



Farewell Program 2023



Festival fete Cultural program 2023



Cytosoul 2023



Shivjayanti



DPU URJJA 2023



Annual sports ARCANE 2023

We are Proud of our Alumni (2022-2023) Campus Placements & Higher Studies



Ms. Tanya Girotti

M.Sc. Biotechnology
(2021-23)
Ingenious e-Brain,
Associate Research Specialist
Gurugram, India



Ms. Disha Ganguly

M.Sc. Biotechnology
(2021-23)
Research Associate,
FutureWise Market Research



Ms. Simran Bedi

M.Sc. Biotechnology
(2021-23)
Business Lead
Gramik™



Ms. Anshika Mishra

M.Sc. Biotechnology
(2021-23)
Market Research Analyst
GRG Health



Ms. Pritha Deorankar

M.Sc. Biotechnology
(2021-23)
Market Research Analyst
GRG Health



Ms. Radha Malekar

M.Sc. Biotechnology
(2021-23)
Research Executive,
Active Communication International



Ms. Shivangi Upadhyay

M.Sc. Biotechnology
(2021-23)
Market Research Analyst
GRG Health



Ms. Shraddha Kotali

M.Sc. Biotechnology
(2021-23)
Project Management Trainee,
BVG Life Sciences Ltd.



Ms. Vaishnavi Kalantri

M.Sc. Biotechnology
(2021-23)
Research Analyst
GRG Health



Mr. Deepak Deore

M.Sc. Biotechnology
(2021-23)
Team Lead,
LifeCell International Pvt. Ltd.



Ms. Vaidehi Vats

M.Sc. Biotechnology
(2021-23)
Marketing Research Associate
Reports Insights Consulting Pvt. Ltd.



Ms. Aditi Wangikar

B. Tech. (Medical) Biotechnology
(2019-2023)
Research Assistant
PRADO Preclinical Research and
Development Organization Pvt. Ltd.



Ms. Anushmita Thakuria

M.Sc. Biotechnology
(2021-23)
Research Associate, Primary Healthtech,
IIT Guwahati



Ms. Sumiran Narayan

M.Sc. Biotechnology (2021-23)
Wisdomtoolz Learning Solutions Private
Limited, Lead Content Developer, Bangalore
PRADO Preclinical Research and
Development Organization Pvt. Ltd.



Ms. Swati Jaiswal

M.Sc. Biotechnology
(2021-23)
Research Associate,
Future Wise Market Research



Ms. Khushi Jain

M.Sc. Biotechnology
(2022-24)
Intern, Gramik



DPU

Dr. D. Y. PATIL VIDYAPEETH, PUNE

(Deemed to be University)

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E-mail : info@dpu.edu.in, Website : dpu.edu.in

Dr. D. Y. Patil Biotechnology and Bioinformatics Institute

Tathawade, Pune - 411 033, Tel : (020) 67919400 / 67919444, Mob.: 7391999957

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