



भारतीय  
प्रौद्योगिकी  
संस्थान  
काशी हिन्दू विश्वविद्यालय



INDIAN  
INSTITUTE OF  
TECHNOLOGY  
BANARAS HINDU UNIVERSITY

# PLACEMENT BROCHURE

## 2022-2023



Department of Pharmaceutical Engineering  
and Technology

*"The University will seek not merely to turn out men as engineers, scientists, doctors, merchants, theologians but also as men of high character, probity, and honor, whose conduct through life will show they bear the hallmark of a great University."*

–Mahamana Pt. Madan Mohan Malaviya



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## DIRECTOR'S NOTE



Greetings from the Indian Institute of Technology (BHU), Varanasi, and a hearty welcome to the Land of Shiva!

We are proud to be the first to pioneer degree-level engineering education in undivided India almost a century ago in 1919 and by none other than our revered Bharat Ratna Mahamana Pt. Madan Mohan Malviya Ji. In this age of liberalization, privatization, and globalization, there is an ever-increasing industry requirement for professionals who have high employability index and required competencies with an inquisitive mindset for innovations. Our collective and continuous commitment is to create a vibrant and technology-savvy environment where excellence is the credential.

Our students imbibe all personality traits, values of the cultural city of Kashi and the diversity of the BHU campus within which this Institute exists. Academic curricula not only provide the strength in their own area but also from open electives in multiple disciplines. This uniqueness helps our students in successfully carry out their responsibilities as a member of cross-functional team in any organization. Our excellent placement record over years speaks about the value of our students to their employers. I extend my deep appreciation for our industry partners who have recognized the depth of our rich and diverse talent pool and accorded us valuable opportunities.

Professor Pramod Kumar Jain  
**DIRECTOR**  
Indian Institute of Technology (BHU) Varanasi

## ABOUT THE DEPARTMENT

With the inspiration of Late Mahamana Pandit Madan Mohan Malaviya and with the untiring zeal and enthusiasm of Late Professor M. L. Schroff (Father of Pharmacy Education in India), this Department was established as early as in 1932. This is the first Institution in the country to start the Degree level Pharmacy Education and can claim to be the pioneering center for Pharmacy Education in the Asian, African and Far-East region of the world. Students graduated from this Department have spread over US, Europe, UK, Malaysia and other countries. The Department of Pharmaceutical Engineering and Technology (Formerly Department of Pharmaceutics) offers B Tech (4 years), Integrated Dual Degree M Tech (5 yrs.), M Pharm (2 yrs.), and Ph D courses. M Pharm course is offered in four specialization areas namely Pharmaceutics, Pharmaceutical Chemistry, Pharmacology and Pharmacognosy. The courses are designed to impart knowledge on various aspects of drug design, development, testing, and safe and effective use of drugs/medicines including drug delivery systems. The courses provide a unique fusion of biology with engineering and technological concepts to develop skillful process(es)/ techniques for designing, procuring and evaluating various kinds of drugs and drug delivery systems. The courses also provide a unique opportunity to pharmacy professionals to serve the humanity by alleviating the discomfort, pain and sufferings (caused by various diseases) through discovery and development of safe and effective drugs/medicines.





## WHY US ?

- ☐ Admissions are made through arguably the toughest entrance examination in the world, so the student intake quality is the best amongst the best.
- ☐ IIT BHU is the only IIT to provide B.Tech. and M.Tech. in Pharmaceutical Engineering and Technology.
- ☐ Students engage in a plethora of extracurricular and co-curricular activities which help in their overall development.
- ☐ Seminars and Workshops are organized from time to time from the eminent people from the industry so as to expose the students to various facets of the industry.
- ☐ Our students explore best of both worlds - Research and Technology.
- ☐ At IIT (BHU) students are not only given great academic inputs but it is backed by practical exposure so as the students understand the real case scenarios prevalent in the industry.

# COURSE STRUCTURE



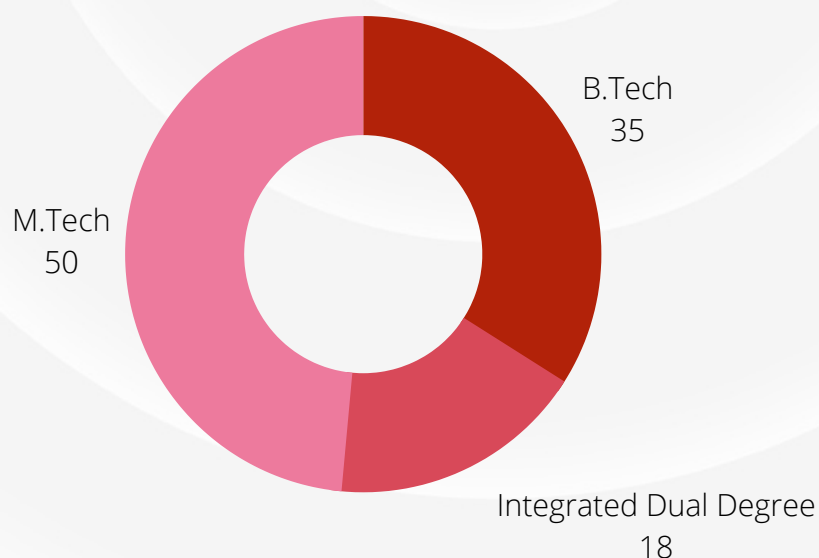
- Dosage Formulation Design
- Material Science
- Microbiology And
- Biotechnology
- Bioorganic And Medicinal
- Chemistry
- Chemistry of Synthetic
- Drugs
- Essential of Biochemistry
- Computer Programming
- Engineering
- Electromagnetics
- Probability and Statistics
- Engineering Mathematics
- Heat and Mass Transfer
- Engineering
- Thermodynamics
- General Pharmacognosy
- General Pharmacology
- Pharmaceutical Analysis
- Pharmaceutical
- Jurisprudence
- Pharmaceutical
- Technology
- Chemotherapy
- Pharmaceutical Science



## FACULTY

- Degrees from renowned colleges from top national and international universities.
- Bestowed with several prestigious awards.
- Involved in cutting-edge industrial and state-funded research.
- Holding various administrative and managerial offices.
- Authors of several renowned books and publications in journals of national and international repute.
- Offering consultation to industries and government and mentorship to student startups.
- Serve as visiting faculty in reputed universities.
- Enjoy full academic autonomy to update their curriculum to keep pace with the modern development and innovate on current teaching methods.
- By close interaction with the student, our faculty members guide and inspire the students towards success.

## DEMOGRAPHICS



# ACADEMIC PROGRAMS

## **B.Tech**

Admissions made through the IIT-JEE conducted jointly by the IITs

## **M.Tech/IDD**

Admissions made through the IIT-JEE conducted jointly by the IITs

## **M.Pharm**

Admissions made on the basis of GATE score

## **PhD**

GATE/Neet score/sponsorship by the employer followed by the interview





## EMINENT ALUMINI



Dr. Sarvajna Dwived  
Co-founded Pearl  
Therapeutics Inc.



Prof. Harkishan Singh  
Padma Shri award  
winner



Ajay Sharma  
Co-founded Flowering  
Tree Investment  
Management Pvt. Ltd.



Dr. Gyanendra Nath Singh  
Former Drug Control  
General of India

## OUR RECRUITERS



genpact



OYO



SONY



standard  
chartered



NOVARTIS



Mu Sigma



Deutsche Bank



ICICI Bank

Flipkart



Syngene

AMERICAN  
EXPRESS



VIATRIS™



Encube



IBM



SUN  
PHARMA

Dr.Reddy's



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