



# Technocrats Institute of Technology - Pharmacy, Bhopal

JAN 2023

## Pharma *Voice*

*Biannual Newsletter of Department of Pharmacy*

### VISION OF THE INSTITUTE

To grow as an institute of Excellence for Pharmacy Education and Research and to serve the humanity by sowing the seeds of intellectual, cultural, ethical, and humane sensitivities in the students to develop a scientific temper, and to promote professional and technological expertise.

### MISSION OF THE INSTITUTION

- M 1: To inculcate ethical, moral, cultural and professional values in students.
- M 2: To provide state of art infrastructure facilities to the staff and students so as to enable them to learn latest technological advancements.
- M 3: State of art learning of professionalism by the faculty and students.
- M 4: To produce well learned, devoted and proficient pharmacists.
- M 5: To make the students competent to meet the professional challenges of future.
- M 6: To develop entrepreneurship qualities and abilities in the students.

### About Us

The Technocrats Institute of Technology-Pharmacy is a premier institute of the state imparting quality education in the field of Pharmacy for Bachelor and Master degree. The institute was established in 2002 with the sole purpose to produce skilled and trained pharmacists'.

The institute headed by a dedicated team of renowned person in the field of Pharmacy, who have zeal to provide excellence in education and to create the talent for future. Established in Year 2002.

By the vision of Chandravadni Mahila Siksha Samiti. The Department had been started with an intake of 60 seats in B.Pharm which has been increased to 100 from the session 2010-2011.

The Post Graduate programme was introduced by the institute from 2007-2008 in Pharmaceutics and later, M.Pharm (Pharmacognosy), M.Pharm (Pharmaceutical Chemistry) and M.Pharm (Pharmacology) were introduced.

The Diploma programme was introduced by the institute from 2019-2020 with an intake of 60 seat.



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## Program Educational Objectives (PEOs) for B.Pharm Course

**PEO 1:** To inculcate quality pharmacy education and training through innovative Teaching Learning Process.

**PEO 2:** To promote professionalism, team spirit, social and ethical commitment with effective interpersonal communication skills to boost leadership role assisting improvement in healthcare sector.

**PEO 3:** To enhance Industry-Institute-Interaction for industry oriented education and research, which will overcome healthcare problems of the society.

**PEO 4:** To adapt and implement best practices in the profession by enrichment of knowledge and skills in research and critical thinking.

**PEO 5:** To generate potential knowledge pools with interpersonal and collaborative skills to identify, assess and formulate problems and execute the solution in closely related pharmaceutical industries and to nurture striving desire in students for higher education and career growth.

## Director's Message:

I am very proud to share that our College Technocrats Institute of Technology - Pharmacy under Technocrats TIT Group of Institution's one of the most eminent Higher Educational Institution today and is renowned for standards of its Faculties, Students and Alumni. It is constantly pushing the frontiers of knowledge and ensures the futuristic approach that keeps

pace with the changing trends of the professional world. It is a matter of pride and privilege for me to see the dynamic growth of the institute. Academic success has always been cherished tenfold when coupled with achievements in the various other non-academic arenas.



We provide state of the art infrastructure and dedicated, devoted and committed faculty. Our vision is to impart world class quality education to the students in pharmaceutical sciences in our campus.

We have an enviable and eminent global network of faculty members and we continue to ensure that our network becomes bigger and better. This not only gives us the edge to offer Under Graduate courses but also helps us to run the Post Graduate programs for the students to be Job ready. The research out-put by faculty and students is also encouraging.

- Dr. B.K. Dubey  
Director

## Editor's Message

We the editorial committee have a great privilege on releasing the Newsletter of Technocrats Institute of Technology Pharmacy, Bhopal. As we all know a newsletter mirrors a college- its vision and mission. It also highlights events, activities and academic progress and activities. We extend our sincere thanks to our Beloved Director generous support

and also grants the permission to release the newsletter. This Newsletter encourages many more including students to use it as a platform to express their creativity.



- Ms. Najmus Sehar  
Assistant Professor

## HOD Message

I am delighted to know that college is bringing Newsletter with information on academics and encompassing the events of professional activities, research initiatives and pharma updates. I am sure that Newsletter will give an ample opportunity to the students and faculty to bring their talents and contribute significantly to the profession. I take this opportunity to greet all of you and wish you success in all your endeavours.



- Dr. Deepak Basedia  
HOD

**Congratulation & welcome to teaching Faculty in our Institute.**

It is with great pleasure that we extend a warm welcome to **Mr. Anandi Lal Narnolia**, our newest addition to the esteemed Pharmacy here at Technocrats Institute of Technology-Pharmacy. He has joined as Assistant Professor in Dept of Pharmaceutical Chemistry.



It is with great pleasure that we extend a warm welcome to **Mr. Amit Arya**, our newest addition to the esteemed Pharmacy here at Technocrats Institute of Technology-Pharmacy. He has joined as Assistant Professor in Dept of Pharmacology.



It is with immense pleasure that we introduce Associate Professor **Mr. Yogendra Rathore** as the newest member of our distinguished Pharmacy Faculty here at Technocrats Institute of Technology-Pharmacy. With a passion for pharmaceutical sciences and a commitment to advancing the field, PHARMACEUTICAL CHEMISTRY is set to become an invaluable asset to our academic community.



**Unbeatable Placement**

*Congratulations*

Technocrats Institute of Technology-Pharmacy, Bhopal congratulates **Chandan Kumar** of Pharmacy Program (B.Pharm) for getting selected in **Macleods** at a package of **4.5 LPA**.



Technocrats Institute of Technology-Pharmacy, Bhopal congratulates its Pharmacy students to get placed in **Injays Pharmaceuticals**.

We wish you the best in your future endeavours



**CULTURAL**

Christmas took on a unique charm, blending youthful exuberance with newfound independence. It was a time when dorm rooms became adorned with makeshift decorations, and the campus buzzed with the excitement of impending festivities.



**"Echoes of Talent: Nukkad Natak"**

These street plays, a staple of college cultural festivals, were not just performances; they were vibrant expressions of social commentary, woven with threads of humor, drama, and poignant messages.



**CULTURAL**

**"Celebrating Knowledge: Drug Information Center Inauguration"**

In a moment of significant importance, our institution celebrated the inauguration of its newest venture: the Drug Information Center. With a mission to provide vital insights into medications, promote health literacy, and enhance patient care, the center stood as a beacon of knowledge and support for both healthcare professionals and the community at large.

**नव भारत**



**टेक्नोक्रेट्स में ड्रग इंफॉर्मेशन सेंटर का उद्घाटन**

भोपाल, 20 जून को, भारतीय फार्मास्यूटिकल एसोसिएशन के अध्यक्ष डॉ. सीतल कुमारी द्वारा टेक्नोक्रेट्स इंस्टीट्यूट ऑफ फार्मास्यूटिकल साइंसेस में ड्रग इंफॉर्मेशन सेंटर का उद्घाटन किया गया।  
 इस अवसर पर डॉ. सीतल कुमारी ने कहा, 'ड्रग इंफॉर्मेशन सेंटर का उद्घाटन करने में हमें बहुत खुशी है। यह सेंटर फार्मास्यूटिकल क्षेत्र में होने वाले नए बदलावों को जल्दी से लोगों तक पहुंचाने में मदद करेगा।'

**"A Musical Extravaganza: Nikhita Gandhi's Enchanting Concert"**

On 12<sup>th</sup> Dec 2022 the venue buzzed with excitement as fans, eager to experience Gandhi's unique blend of genres and styles, filled every seat and corner. From the moment she stepped onto the stage, adorned in a shimmering ensemble that sparkled under the spotlight, it was clear that this would be a performance to remember.



**CAMPUS DRIVE**

**HIMALAYA CAMPUS DRIVE** was conducted for Pharmacy students at Technocrats Institute of Technology – Pharmacy 25/07/22.

We are thrilled to share some fantastic news with all of you! During their recent campus visit to our esteemed institution, Himalaya, a leading pharmaceutical company, conducted recruitment activities and selected several of our talented students to join their esteemed team.

**"Embracing Achievement: Reflections on Convocation Day"**

On 25<sup>th</sup> June 2022 the convocation ceremony was a culmination of years of hard work, dedication, and countless late nights spent poring over textbooks and lecture notes. It was a day etched with anticipation, excitement, and a touch of bittersweet nostalgia as we gathered to celebrate the achievements of our academic journey.



## CAMPUS DRUG

In Technocrats Institute of Technology - Pharmacy, "**DRUG INFORMATION CENTRE**" was inaugurated by Hon'ble President, PCI, Dr.Montu M. Patel. He appreciated and highlighted the need of drug information centre to extend health care services to people in bulk.



Technocrats Institute of Technology - Pharmacy, "**Drug Information Centre**" was inaugurated by Hon'ble President, PCI, Dr.Montu M. Patel. Respected members of PCI Dr.Deependra Singh, Sushil Sudan, Sushil Kumer Bansal, and Dharmendra Singh were also present there. And Dr.Montu Patel appreciated and highlighted the need for a drug information center to extend health care services to people in bulk.

## Students' Achievements Group Toppers

### 1<sup>st</sup> Year



Modassir Nawaz  
8.39 CGPA



Manu Pawar  
8.28 CGPA



Vishesh Tiwari  
8.01 CGPA

### 2<sup>nd</sup> Year



Namrata Shende  
8.89 CGPA



Anuska Dwivedi  
8.8 CGPA



Yashwant Kumar  
8.3 CGPA

### 3<sup>rd</sup> Year



Shristi Soni  
8.69 CGPA



Piyush Raj  
8.54 CGPA



Kumar Gaurav  
8.0 CGPA

### 4<sup>th</sup> Year



Vishnu Dhakad  
8.9 CGPA



Anshita Rout  
8.2 CGPA



Awantika Kesari  
8 CGPA



## PATENT

- 2022-2023 **Mr.Kailash Pathak** 202221037429 A Phyllanthus Emblica Extract Based Ethosomeand Preparation Thereof.
- 2022-2023 **Shailendra Prasad Tiwari** 202221037429 A Phyllanthus Emblica Extract Based Ethosome and Preparation Thereof.
- 2022-2023 **Ms.Neelmani Chouhan** 202311011575 Analyzing the Interaction involving Streptomycine Sulphate and Bovine Serum Albumin using Fluorescent Probes.

## PAPERS PUBLICATIONS

- Dr. B.K.Dubey** Phytochemical screening and in-vivo screening of Antiulcer activity on foeniculumvulgare seeds, Panacea Journal of Pharmacy and Pharmaceutical Sciences Dec,2022.
- Dr. B.K.Dubey** Formulation, development and evaluation Of colon targeting microspheres for Effective treatment of colontitis, ArchanaPachore et al, International Journal of Pharmaceutical Sciences & Medicine Dec,2022.
- Dr. B.K.Dubey** Synthesis, characterization and antimicrobial evaluation of Schiff base 4-thiazolidinones of aminosalicyclic acid derivatives European Journal of Biomedical AND Pharmaceutical sciences Sep,2022.
- Dr. B.K.Dubey** Phytochemical screening and in-vivo screening of Antiulcer activity on foeniculumvulgare seeds, Panacea Journal of Pharmacy and Pharmaceutical Sciences Dec,2022

5. **Dr. B.K.Dubey** Formulation, development and evaluation of colon targeting microspheres for Effective treatment of colontitis. Archana Pachore et al, International Journal of Pharmaceutical Sciences & Medicine Dec, 2022.

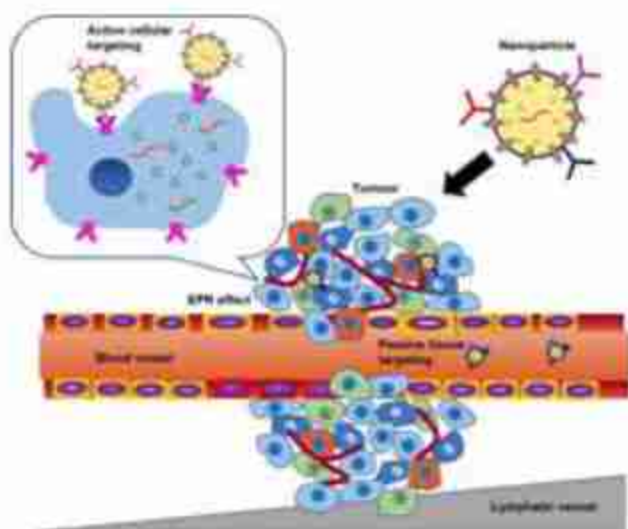
6. **Neelmani Chauhan** "Formulation and development of gastro retentive tablet of captopril using maize stem pith powder as a novel polymer" NVEO Set, 2022.

## RESEARCH PAPERS

Embarking on a research journey as a pharmacy student requires not only academic acumen but also a passion for discovery and a willingness to push the boundaries of knowledge. Your enthusiasm and perseverance in pursuing meaningful research endeavors reflect a deep-seated commitment to making a positive impact in the field.

### Title: Nanotechnology in Cancer Treatment \* (Jan 2023)

Cancer is the primary enemy that still holds a firm grip on healthcare today and demands for development of novel treatment methods capable of bettering patient outcomes. The current cancer treatment methods typically show a low success rate and cause these patients to suffer from severe and life-harming side effects. Nanotechnology is demonstrating its ability to come in as a revolutionary solution to the present challenges by ensuring maximum tumour cell search and destruction without any harm to healthy tissues.



**UZAIR AHMED**  
B.PHARM SEM-IV

