



# Technocrats Institute of Technology - Pharmacy, Bhopal

June 2024

## PharmaVoice

*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.



Estd. : 2002

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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 **Mrs. PARIDHI JAISWAL**, our newest addition to the esteemed Pharmacy here at Technocrats Institute of Technology-Pharmacy. She has joined as Assistant Professor in Dept of Pharmaceutical Chemistry



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



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



## CULTURAL

### The Significance of a Graduation Ceremony: A Milestone of Achievement

A graduation ceremony is more than just a formal event—it is a celebration of years of hard work, perseverance, and personal growth. This milestone marks the end of one journey and the beginning of another, as graduates step into the world with new skills, knowledge, and experiences. Whether it is a high school diploma, a college degree, or a higher academic achievement, a graduation ceremony holds profound significance for students, their families, and their communities.



### Basant Panchami: A Vibrant Celebration of Spring and Knowledge

Basant Panchami, also known as Vasant Panchami, is a vibrant and joyous Hindu festival that marks the arrival of spring. Celebrated with great enthusiasm in various parts of India and by Indian communities around the world, This day is not only associated with the change in season but also holds deep cultural, spiritual, and intellectual significance.



### Celebration 15 August

our NCC cadets AND OUR STUDENTS for their outstanding performance during the Independence Day celebrations. Your dedication, discipline, and spirit of patriotism were truly inspiring and added a special touch to the commemorations of our nation's freedom.





## SAFFARON SUNDOWN

From enchanting Bollywood ballads to foot-tapping chart-toppers, ShilpaRao's performance was a mesmerizing journey through the realms of music. Her captivating stage presence and effortless vocals held the audience spellbound, transporting them to a realm where every note resonated with emotion.



## WOMENS DAY CELEBRATION

In a vibrant celebration of womanhood, our college embraced the spirit of International Women's Day with a series of empowering events and activities.

The day began with a warm welcome to all the women on campus, acknowledging their invaluable contributions to our community and beyond. A sense of sisterhood filled the air as students and faculty came together to honor and celebrate the achievements of women in all walks of life.



## "Echoes of Talent: NukkadNatak

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.



## OUR COLLEGE Technocrats Institute of Technology-Pharmacy has organized FASHION SHOW

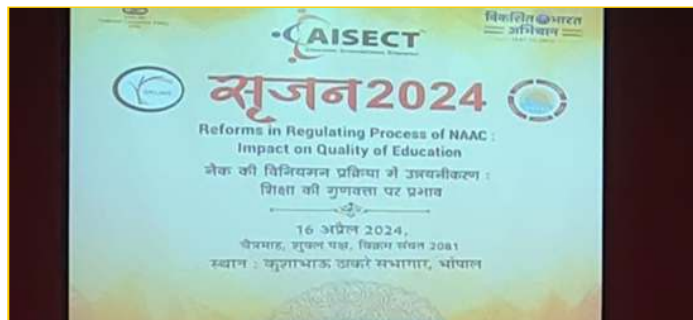
Students from all backgrounds came together to express their unique fashion sensibilities, turning the campus into a vibrant canvas of colors, textures, and trends. From chic streetwear to elegant evening gowns, the runway was a kaleidoscope of styles that celebrated individuality and self-expression.





## SRIJAN 2024

The National Assessment and Accreditation Council (NAAC) plays a crucial role in improving the quality of higher education in India. As the primary body responsible for assessing and accrediting institutions, NAAC helps maintain standards in Indian universities and colleges. However, as educational needs and methodologies evolve, so too must the way in which NAAC operates. Reforms in the accreditation process are essential to ensure that they align with contemporary educational trends and better contribute to enhancing the quality of education in India.



## EXPERT LECTURE on GREEN CHEMISTRY by DR PRATEEK KUMAR JAIN

**Dr. Prateek Kumar Jain**, a leading authority in the field of green chemistry, graced our college with an expert lecture that illuminated the path towards a more sustainable future.

With clarity and passion, **Dr. Prateek Kumar Jain** shared insights into the principles and applications of green chemistry, emphasizing its pivotal role in mitigating environmental impact and promoting sustainable development.



## Students' Achievements Group Toppers

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



**Shanvi Jain**  
8.2 CGPA



**Devesh Upadhaya**  
8.0 CGPA



**Shubham Kushwaha**  
7.9 CGPA

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



**Vishesh Tiwari**  
8.37 CGPA



**Manu Pawar**  
8.20 CGPA



**Modassir Nawaz**  
8 CGPA

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



**Namrata Shende**  
8.86 CGPA



**Anuska Dwivedi**  
8.52 CGPA



**Yashwant Kumar**  
8.37 CGPA

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



**Shristi Soni**  
8.70 CGPA



**Kumar Gaurav**  
8.27 CGPA



**Piyush Raj**  
7.50 CGPA



## PATENT

1. 2023-2024 **Ms. Neelmani Chouhan** Green Synthesis of Nanometals Using Plant Extracts.
2. 2024 **Dr. Balkrishna Dubey, Dr. Deepak Kumar Basedia, Dr. Mukesh Kumar Patel** Qualitative And Quantitative Study Of Phytoconstituent in selected Herbal Plant using Spectroscopic and Chromatographic Techniques.
1. 2023-2024 **Ms. Neelmani Chouhan** QSAR modelling to forecast the health effects of Nanocrystalline metal oxides from a toxicological perspective.

## PAPERS PUBLICATIONS

1. **Dr. B.K .Dubey** Phytochemical screening & antifungal activity of Stem of lantana camara. World journal of pharmacy and pharmaceutical sciences.
2. **Dr. B.K .Dubey** Phytochemical screening & antifungal activity of Stem of lantana camara. World journal of pharmacy and pharmaceutical sciences.
3. **Najmus Sehar** To Develop simple, Accurate and precise Method for Analysis of Drug in the Blood Plasma and Validate them for Trazodone Hydrochloride. International Journal of Drug Discovery and Herbal Research (IJDDHR)
4. **Dr. B. K. Dubey, Dr. Deepak Kumar Basedia, Dr. Mukesh Kumar Patel** Development and Characterization of Hair oil for Control Hair fall and Stimulating Hair Growth

