



# Technocrats Institute of Technology - Pharmacy, Bhopal

JAN 2022

# 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 seats.



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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.

*- Mr. Shailendra Prasad Tiwari*  
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 **Ms Kiran Sataami**, our newest addition to the esteemed Pharmacy here at Technocrats Institute of Technology-Pharmacy. She has joined as Assistant Professor in Dept of Pharmaceutics.



It is with great pleasure that we extend a warm welcome to **Ms Ritu Kushwaha**, our newest addition to the esteemed Pharmacy here at Technocrats Institute of Technology-Pharmacy. She has joined as Assistant Professor in Dept of Pharmaceutics.



It is with great pleasure that we extend a warm welcome to **Ms Sandra Gautam**, 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.



**CULTURAL**

At our Technocrats Institute of Technology-Pharmacy, Pharmacy Day celebration was a vibrant and spirited event, honouring the invaluable contributions of pharmacists to healthcare and society. Technocrats Institute of Technology - Pharmacy 25th Sept 2021.



The Astha Gill concert was an electrifying and unforgettable experience that left the audience exhilarated and craving for more. Astha Gill enthralled the crowd, delivering a performance that transcended musical boundaries and captivated hearts.



The Freshers Party was an exhilarating and vibrant event that marked the beginning of an exciting journey for new students. Organized by the student body and faculty members, the party was a celebration of diversity, camaraderie, and the spirit of community that defines our institution.



**Advertisement**



**फेस पेंटिंग, डांसिंग और सिंगिंग में छात्रों ने दिखाई रचनात्मकता**

भोपाल, 30 मार्च. टेक्नोक्रेट्स टीआरटी ग्रुप के विद्यार्थीय एकेडमि ड्राफ्ट करीब 2 फेब्रुअरी 2022 रचनात्मकता एवं खेल पुरस्कार समारोह का आयोजन करवाया जो किना गण, इस कार्यक्रम में कॉलेज भुवन अतिथि निरा करती, जो कि निरा संगीत एकेडमी 2013 सीनर, अतिथि और निरा 2022 करवाकर करीबत थीं. इस समारोह में विभिन्न प्रतियोगिताओं जैसे फेस पेंटिंग, डेड, ड्रॉइंग, डांस, सिंगिंग, मिमिक्री, पोस्टर और हस्त परीकार प्रतियोगिता का आयोजन किया गया, साथ ही विद्यार्थीय खेल-क्रीडा प्रतियोगिता प्रतियोगिताएं और भी आयोजित किए गए

## CULTURAL

The NCC (National Cadet Corps) cadets showcased their patriotism and dedication as they performed during the Independence Day celebrations. Sincere appreciation to our NCC cadets 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.



The Garba Night at our college was Organized by the cultural committee, the event transformed the campus into a vibrant hub of music, dance, and festive cheer.



## RESEARCH AND PAPERS

1. PATENT- 2021-2022

**Dr. Balkrishna Dubey** 202221015019

A. Microwave Mediated Synthesis and Cytotoxic Evaluation of Novel Substituted Derivatives.

2. PATENT 2021-2022

**Dr. Deepak Kumar Basedia** 202221015019

Dr. Balkrishna Dubey 2021-2022202221015019 A Microwave Mediated Synthesis and Cytotoxic Evaluation of Novel Substituted Derivatives. Drugs and cell therapies in hematology 2021.

## PAPER PUBLICATIONS

1. Dr. B.K. Dubey Transdermal delivery Development and characterization of Transdermal patches of febuxostat for Indo American Journal of Pharmaceutical Sciences October 2021.

2. Dr. B.K. Dubey Formulation and Evaluation of Ethosomal Nanoparticles of Avobenzone for Improved Sunscreen Efficacy International Journal of Pharmaceutical Sciences Review and Research Sep, 2021.

3. Dr. B.K. Dubey Advances in Noble-Metal Nanoparticle-Based Fluorescence 2 Detection of Organophosphorus Chemical Warfare Agents International Journal of Pharmaceutical Research and Applications July, 2021.

4. Dr. B.K. Dubey Formulation and Performance Evaluation of Transdermal Patch of Luteolin Research International Journal of Pharmaceutical Research and Applications Oct, 2021.

5. Dr. Deepak Kumar Basedia Synthesis, characterization and biological evaluation of 4-(1-aza-2-[(aryl)amino])-3-methyl-2-pyrazolin-5-ones derivatives RJPT Journal Dec, 2021.

6. Dr. Deepak Kumar Basedia Development and characterization of Transdermal patches of febuxostat for Transdermal delivery Indo American journal of pharmaceutical sciences Oct. 2021.

7. Dr. Deepak Kumar Basedia Formulation and Evaluation of Ethosomal Nanoparticles of Avobenzone for Improved Sunscreen Efficacy, Sep, 2021.

8. Dr. Deepak Kumar Basedia Advances in Noble-Metal Nanoparticle-Based Fluorescence 2 Detection of Organophosphorus Chemical Warfare Agents International Journal of Pharmaceutical Research and Applications July, 2021.

9. Dr. Deepak Kumar Basedia Formulation and Performance Evaluation of Transdermal Patch of Luteolin Research International Journal of Pharmaceutical Research and Applications Oct, 2021.

10. Dr. Deepak Kumar Basedia Synthesis, characterization and biological evaluation of 4-(1-aza-2-[(aryl)amino])-3-methyl-2-pyrazolin-5-ones derivatives. RJPT Journal Dec, 2021.

11. Neelmani Chauhan Stability indicating Rp-Hplc method for the estimation of drug in Marketed Formulation American journal of pharmacy and health research 2021.

12. Pushpa Simaiya Ethanolic Extract of *MUSA Sapientum* spotted peel, treatment for better ameliorates carbon Tetrachloride Nephrotoxicity WJPR 2022.

## Students' Achievements Group Toppers

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



Anuska Dwivedi  
9.6 CGPA



Yashwant Kumar  
9.41 CGPA



Sudhansu Ranjan  
9.4 CGPA

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



Nikita Chandrabhan  
9.0 CGPA



Aniket Singh  
8.9 CGPA



Anamika Tiwari  
8.69 CGPA

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



Shristi Soni  
9.50 CGPA



Piyush Raj  
9.23 CGPA



Kumar Gaurav  
8.82 CGPA

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



Neeraj Kumar Pal  
9 CGPA



Ritesh Bharte  
8.91 CGPA



Shailesh Pal  
8.83 CGPA

