



# Technocrats Institute of Technology - Pharmacy, Bhopal

JUNE- 2023

# Pharma *Voice*

Official 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

*Your Health our Priority Providing care with compassion*



**Ashish Sahu**  
GPAT marks 168



**Pushpendra K Karpenter**  
GPAT marks 175



**Aman Tiwari**  
GPAT Marks 185

### NATIONAL WORKSHOP

Two days national workshop on "Practical Aspects of Cancer Cell Line Studies" was organised on 23 & 24 Sept 2022 at our institute. The key note speaker of the technical session were Dr Ram Kumar Mishra, Assistant Professor, Indian Institute of Science Education and Research, Bhopal for demonstration on cancer cell line study and Dr N Ganesh, Head and Senior Scientist, Department of Research Jawahar Lal Nehru Cancer Hospital and Research Centre, Bhopal for discussion on tumour innovation and its Experimental milestone. More than 400 delegates participated in the workshop.



**National workshop on Practical Aspects of Cancer Cell Line Studies**

### NATIONAL SEMINAR

National seminar on "Rational Use of Nutraceuticals" was conducted in association with Charak Pharmaceuticals on 1<sup>st</sup> Sept 2022. The chief guest was Dr Gitanjali Sharma, Dermatologist and Psychologist. The seminar was conducted to motivate correct food habits for the students.



**National seminar on "Rational Use of Nutraceuticals"**

### VOICE OF ALMUNI.....

On 19th Oct, I got an opportunity to interact with TIT-Pharmacy group students to discuss about career aspects in pharmacovigilance. The session was quite interactive and students were keen to know about this field.

I believe - with guidance of most dynamic faculty of TIT-Pharmacy group, updated knowledge of recent trends in various fields, the pharmacy students can have better career vision from initial phase of education.

I thank to Management, Director and TIT-Pharmacy group faculty members for taking this initiative for the students.



*- Neh Nalin Shukla*  
*Associate Manager,*  
*Drugs Safety Operation (Pharmacovigilance)*  
*IQVIA RDS (India) Pvt. Ltd.*

### CORPORATE COMMENTS.....



It has been immense pleasure to meeting your final year students will look long term relationship to your Institute. I must appreciate the well behavioural, disciplined and well groomed students. I have been very impressed especially with your faculty and like to give thanks to provide opportunity to meet your students.

*-Ritesh Mehta*  
**Manager HR, Wings Biotech**



**Awareness Program "Nukkad Natak" Performance by Pharmacy Student**

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



**Dr. Mukesh Kumar Patel** M.Pharm

(Pharmaceutics) awarded Ph.D, has more than 13 Years of teaching & Research Experience. More than 20 Publications to his credit and guided more than 7 Post Graduate Students. He bears all round Experience of industry, teaching's & Administration. He has a track record of participation in several seminars, conference & Workshops.



**Miss Neelmani Chauhan** M. Pharm

(Pharmacognosy) has more than ten years' experience in teaching & research. She has 22 publication and 3 Patent, she has attended national seminars & national conferences.

**Mrs. Deepali Lariya** M.Pharm  
(Pharmaceutics)

She has attended national seminars & national conferences.



**Miss. Najmus Sehar** M.Pharm  
(Quality Assurance)

She has attended national seminars & national conferences.

**Health Awareness Camp and Nukkad Natak Detection Camp**



**B**lood group detection camp Health awareness camp was organised by students of B. Pharmacy at nearby rural area, with message to "Avoid tobacco and alcohol", "Importance of cleanliness" and also on "First aid" was presented by nukkad natak by our students.

One of our pharmacy student "Adarsh Kumar Mishra" represented Madhya Pradesh in 36th Inter University National Youth Festival 2022-23 in Light Vocal (Indian) organized in Bangalore and scored Third Position. All the best for his bright futur.



**CHRISTMAS DAY CELEBRATION**



**MoU**



**1.** B K Dubey, Amit Jain, Salaj Khare, Farheen Ansari, Amit Joshi, Suresh Dhakad, Phytochemical analysis, antioxidant, antidiabetic and anti-inflammatory activity of bark of *Gardenia latifolia*, *Journal of Drug Delivery and Therapeutics*, 2019; 9(1): 141-145.

**2.** B.K. Dubey, Amit Kumar Jain\*, Amit Joshi, Salaj Khare, Rajesh Bhardwaj, Prabhat Jain, Validated RP HPLC method development for the estimation of Losartan potassium in marketed formulation, *Asian Journal of Pharmaceutical Education and Research*. 2018; 7 (4): 23-29.

**3.** Dr. B. K. Dubey, Amit Kumar Jain\*, Deepak Basedia, Suresh Dhakar, Manoj Ahirwar, Comparison of RP-HPLC and UV spectrophotometric methods for estimation of haloperidol in pure and pharmaceutical formulation, *Journal of Drug Delivery and Therapeutics*. 2018; 8(5-s):277-282

**4.** Dr. B. K. Dubey, Amit Kumar Jain\*, Deepak Basedia, Salaj Khare, Suresh Dhakar, Om Prakash, New Cost Effective Stability Indicating RP-HPLC Method for Simultaneous Determination of Aspirin and Omeprazole in the Bulk Drug and Synthetic Mixture. *Asian Journal of Pharmaceutical Education and Research*. 2018; 7 (3): 105-115.

**5.** Dr. B. K. Dubey, Amit Kumar Jain, Deepak Basedia, Suresh Dhakar, Zeeshan Ali, New stability indicating RP-HPLC method development for analysis of ziprasidone in bulk drug and pharmaceutical dosage form. *Asian Journal of Pharmaceutical Education and Research*, 2018; 7 (3): 121-128.

**6.** B K Dubey, Amit Jain, Priyanka Shrivastava, Salaj Khare, Amit Joshi, Suresh Dhakad, Investigations for antidiabetic effect of hydro alcoholic extract of *Vitexnegundo* stem, *Asian Journal of Pharmacy and Pharmacology* 2018; 4(2): 199-202.

**7.** B K Dubey, Amit Jain, Nandini Hingwasia, Salaj Khare, Amit Joshi, Suresh Dhakad, Evaluation on antidiabetic activity of hydroalcoholic extract of bark of *feronialirnonia*, *Asian Journal of Pharmacy and Pharmacology* 2018; 4(2): 168-172.

**8.** Dubey R.R., Dubey B.K., Pandey G.K., Yadav S.K., Formulation and Characterization of Alginate Microbeads of Clonidine Hydrochloride by Iontropic Gelation Technique, *J. of Drug Del. & Therapeutics*. 2019; 9(2-s):271-275

**9.** Khare S., Jain A., Prajapati D., Evaluation of phytochemical and antiulcer activity of *coriandrum sativum* L., *Asian Journal of Pharmaceutical Education and Research* 2019, 8(1) 42-59.

**10.** Bhat R, Pandey GK, Joshi A, Dubey BK, Khare S, Jain P, Formulation development and evaluation of floating microsphere of trazodone hydrochloride, *Asian Journal of Pharmaceutical Education and Research* 2019 8(1), 33-41.

## Working model exhibition by Pharmacy students:

**M**odel exhibition was organised for encouraging scientific, technological and pharmaceutical creativity among students, so that pharmacy student can provide exploratory experiences, encouraging creative thinking through self designed models or simple apparatus. Various working and also non – working models were prepared by students demonstrating human anatomy, pharmaceutical engineering, dosage form manufacturing, genetic models and atomic models. Students participated with enthusiasm and were encouraged by the faculty members for their hard work.



## Our Toppers

FINAL YEAR	 VISHNU DHAKAD 8a	 ANSHITA ROUT 8a	 AWANTIKA KESARI 8a
THIRD YEAR	 SUDISTI SONI 8ac	 KUMAR GAURAV 8a	 PIYUSH RAJ 8a
SECOND YEAR	 NAMRATA SHENDE 8a	 ANUSKA DWIVEDI 8a	 YASHWANT KUMAR 8a
FIRST YEAR	 MOHASSIEN NAWAZ 8a	 MANU PAWAR 8a	 VISHESH TIWARI 8a