

Pharmacy

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LATEST UPDATE INTERNATIONAL

Cabinet approves MoU signed between India and Cambodia (IE 23 sept) 2021)

On October 29, 2020, the union cabinet approved the Memorandum of Understanding signed between India and Cambodia on cooperation in the field of medicine and health. Key Highlights The MoU will increase the cooperation between the countries through joint initiatives and technological developments in health sector. Also, it will strengthen bilateral ties between the countries.



Pradhan Mantri Bhartiya Janaushadhi Kendra: Sales upto Rs 100 crores (24 SEPT 2021)

G V Prasad and Kiran Mazumdar Shaw made it into the Medicine Maker Power List 2020 which celebrates 60 great minds. About the List The Power List is published under the Medicine Maker of Texere Publishing Ltd, the life science publisher. The 2020 Power List celebrates 60 great minds from around the world for their

New discovery elucidates the link between inflammation and pancreatic cancer development (TH 24 SEPT 2021)

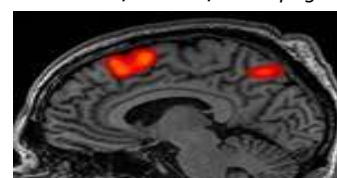
A new discovery from researchers at The University of Texas MD Anderson Cancer Center has clarified the long-established connection between inflammation and pancreatic cancer development.



Concordia researchers examine the effects of evening high-intensity exercise on sleep in healthy adults (28 SEPT 2021)

Exercise is often associated positively with a good night's sleep. But if done at certain times of day, or shortly before bedtime, it can also alter how we sleep. And yet despite years of study, there is still much we do not know about how the two are linked. [https://www.news-](https://www.news-medical.net/medical/news?page=2)

[medical.net/medical/news?page=2](https://www.news-medical.net/medical/news?page=2)



INVERTIS UNIVERSITY VISION

To groom professionals of caliber and competence who will bring about a quantitative change to the society through their contribution

INVERTIS UNIVERSITY MISSION

To provide quality education for all deserving students sans caste, creed, gender or money and present a real projection of education as a guiding torch for the development of human society.

THE HERITAGE

Invertis started its journey 22 years ago in 1998 with 83 students and one institute namely, Invertis Institute of Management Studies. Today, it stands as a full-fledged University with 10 institutes to its credit under the patronage of its name and offering a range of Under Graduate, Graduate, Post Graduate programs, Doctoral varying from Management, Engineering, Pharmacy to Education and Social Sciences with the use of state of the Art Technology and a team of dedicated faculty, staff members.

University formerly established as Invertis Institute of Management Studies (IIMS) in 1998 in Bareilly. Invertis University pioneered the concept of holistic development of students, getting them out of their traditional belief of textbook environment to an all-round approach to learning. It stems from the old management concept of “Keep your feet warm, back straight and a cool head”. The warmth is of the faculty members who foster knowledge and acknowledge students who do well not only in classes but also excel outside the campus in various National and International Competitions. The back bone is the management and alumni of the college who are providing pathways for students long after their studies through placements and training. The cool head is the leadership of Dr. Umesh Gautam, the Chancellor of the University whose relentless efforts have made the Institute reach newer pinnacles every moment.





INVERTIS BELIEVES IN IMAGINATION

If the mind can conceive the
heart will believe and the spirit
will achieve

INVERTIS TEACHES YOU INNOVATION

Innovation is the backbone of a
better tomorrow



INVERTIS TEACHES TO CHALLENGE

Challenges make you discover
things about yourself that you
never really knew





VISION

To develop manpower and to meet the global requirement of skilled professionals in the rapidly growing pharmaceutical industry.

MISSION

Promote excellence in pharmaceutical education and to prepare students to meet the challenges in the areas of pharmaceutical industry, research, education and developing market

GOALS

To develop commitment for the quest of science.

To provide comprehensive knowledge and experience.

To provide exposure to the latest techniques and technologies.

To teach pharmacy ethics to the students.

To constantly explore newer frontiers of knowledge with the intention of producing quality pharmacists.

GENERAL PHARMACY UPDATES

DEPARTMENTAL MEETINGS-

Every month the Department of Pharmacy organizes Departmental meetings with the students and the faculty members in order to achieve the smooth running of the Departmental work. This is scheduled by the Class in-charge of every class with the students and the faculty members teaching in their respective classes to keep themselves updated with the daily happenings of the class in order to ensure the smooth running of various classes and all the subjective notes are been provided to the students.

The Departmental meetings are as follows-

1. Mentor mentee meeting
2. Class in-charge with the faculty
3. Class in-charge with the CR & DC
4. Dean & Faculty meeting
5. HOD & Faculty meeting
6. Orientation Program



ORIENTATION PROGRAM

Here the fresher's are introduced with the Honorable Chancellor Sir and are made familiar with the rules and regulations of the Invertis University. They are made aware with their higher authorities and their seniors to know more about the University. They are also made familiar with Abhiruchi which has various clubs like MFactor, RockOn, Panache, Responsible Invertians, I Tech and Images. They are basically made familiar with the culture & Environment of Invertis University so as they live and excel in their lives with ease.

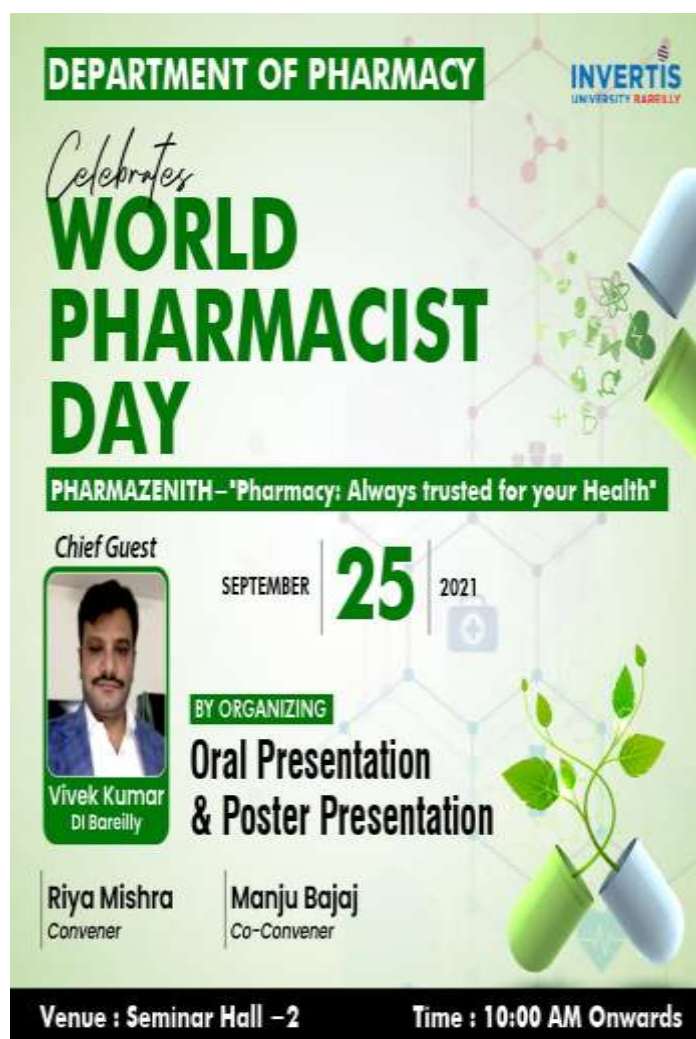


PHARMACIST DAY 25TH SEPTEMBER 2021

FIRST AID, ORAL PRESENTATION & POSTER PRESENTATION

25th September, 2021

The Department of Pharmacy celebrated the World Pharmacist Day on 25th September 2021. The theme for this year was "Pharmacy: Always trusted for your Health". The Chief Guest for the event was Dr. Vivek Kumar (Drug Inspector Bareilly). The Event conducted various competitions such as First Aid, Oral Presentation & Poster Presentation. The event was judged by Mrs. Aishwarya Kaushik Seth & Dr. Pankaj Rai.



DEPARTMENT OF PHARMACY

INVERTIS
UNIVERSITY BAREILLY

Celebrates
**WORLD
PHARMACIST
DAY**

PHARMAZENITH – "Pharmacy: Always trusted for your Health"

Chief Guest

SEPTEMBER 25 2021

BY ORGANIZING

Oral Presentation
& Poster Presentation

Vivek Kumar
DI Bareilly

Riya Mishra
Convener

Manju Bajaj
Co-Convener

Venue : Seminar Hall –2 Time : 10:00 AM Onwards



GLIMPSES OF THE WORLD PHARMACIST DAY



A glimpse of World Pharmacist Day celebration conducted by the Department Of Pharmacy on 25th September 2021 in the gracious presence of vice Chancellor sir Prof. YDS Arya, Dean engineering Prof. R.K Shukla sir Chief Proctor Prof Jitendra Nath Srivastav sir, Dean Academics Prof. RK Purohit sir, Dean Student Welfare Ms. Shalini Anand ma'am and Dean Pharmacy Dr. Lalit Singh, Dr. Shashank Upadhyay sir where the Vice Chancellor sir and all the dignitaries encouraged the students by their motivational words and told the importance of a pharmacist in a society. The Convener of the event was Ms. Riya Mishra and the Co-Convener of Mrs. Manju Bajaj and the judges of the event were Dr. Pankaj Rai & Mrs. Aishwarya Kaushik Seth. Various competitions were organized by the department for the students like oral, poster and first aid therapy presentations where the winners were awarded with trophies and certificates. This event was a huge success because of the blessings of honorable chancellor sir and the dignitaries. We would like to thank all our dignitaries for sparing their valuable time from their busy schedule and marked their gracious presence.



A poster presentation is a way to communicate your research or your understanding of a topic in a short and concise format. It usually includes two elements - a poster and a brief (usually no more than 2 minutes) explanation. You will need to analyse and evaluate information, synthesise ideas and creatively demonstrate your understanding of a topic or the findings of your research. Although many students view poster presentations as 'easy', they actually require a lot of thought and preparation. Poster presentations develop your ability to communicate perceptively (matching your explanation to your audience) and concisely - an important workplace skill.

FIRST AID THERAPY, ORAL & POSTER PRESENTATION

WINNER OF FIRST AID THERAPY COMPETITION:

POSITION	PARTICIPANT	BRANCH
FIRST	SWAYAM BHARADWAJ	BPHARM 1 ST SEM
SECOND	YASH SHARMA	BPHARM 1 ST SEM
THIRD	SHRADDHA OJHA	BPHARM 1 ST SEM

WINNER OF ORAL PRESENTATION:

POSITION	PARTICIPANT	BRANCH
FIRST	JAHANVI SAXENA	BPHARM 7 TH SEM
SECOND	SWYAM BHARADWAJ	BPHARM 1 ST SEM
THIRD	ANNU BHARADWAJ	BPHARM 5 TH SEM

WINNER OF POSTER PRESENTATION

POSITION	PARTICIPANT	BRANCH
FIRST	RAHUL SINGH & PRANAV SHARMA	BPHARM 7 TH SEM
SECOND	MAYANK, TANUJ KUMAR & NITESH	DPHARM 2 ND SEM
THIRD	MONIKA SINGH, KUNWAR, BHOOPENDRA, SUMIT SINHA & PRATHAVI SINGH	BPHARM 1 ST SEM

GLIMPSES OF THE EVENT



Page No. _____ Date _____

* * आँखें भीग जाती हैं * *

- हम तो फौजी हैं देश की ससहों पे रहते हैं,
गैर तो गैर हैं, हम अपने से इर रहते हैं।
• धर की याद काली है, आँखें भीग जाती हैं,
पर क्या करें झुट्टी ही नहीं मिल जाती है।
- हमारा सौभाग्य है कि हमने दो माँएँ पाई हैं,
एक माँ से प्यार लिया, दूसरी से देश भक्ति पायी है।
• देश की भावक बचाने की खातिर हमको मौँ कुर्बानि है
हम उनको खाल कर देंगे, जिसने माँ को आँसु दिखाई
- अब उस माँ के प्यार तभी पायेंगे,
जब उस माँ की लाप को बचायेंगे।
• इस माँ की लाप की खातिर खुन स कतरा-कतरा बहायेंगे
चाहे जान चली जाए, पर पीठ कभी न दिखायेंगे।
- मातृभूमि की सोधी मिट्टी देती सूचना हम सबको,
बहुत कर्ण है बकि माँ को, पूरा कर लो अब तो
• सुर्खीनी ओर बलिदानों की सिग्नल की एक कटनी है
आँसु दिखा-ना पाये माँ को, ये बात सब को कसमी है।



* * सैनिक की माँ की ममता * *

- माँ ने खत लिखा, पुत्र, न मेरा दुख लपाना
एक इंच भी पीढ़े मर हटना, चाहे इंच-इंच कट जाना।
• कलकत्तापुली दिलों में धरके, आँखों के अंगारे हैं
और अर्धियों के पीढ़े भी, प्यार प्यार भारत के नारे हैं।
- धवल बर्द की चादर पर व, लहू से प्यार-हिन्द लिख आना
एक इंच भी पीढ़े मर हटना, चाहे इंच-इंच कट जाना।
• झुट्टी ने रखी रख दी है, इसमें बड़े गुस्से से
और बहने बड़े मालूम लिखा है सिद्धर से।
- तेरे राष्ट्र लिखते हैं, गोली-हीं पीठ पर खाना
एक इंच भी पीढ़े मर हटना, चाहे इंच-इंच कट जाना।
• तीर शहीदों की विधावों, छय कर रहीं धरती को
सुद रुधो फूले जाती, ये पतियों की अर्धियों को।
- और इधर संसार चकित है, लख उन बूढ़ पिलाउओं को
दाग लगाने से पहले धो, करते नमन चिलाउओं को।
• मेरा भी माथा ऊँचा हो ऐसा करतब करके आना
एक इंच भी पीढ़े मर हटना, चाहे इंच-इंच कट जाना।

Rohit Kumar is a student of BPharm 3rd year 5th semester who has sprayed down the feelings of a soldier who has sacrificed his family friends and loved ones for the Nation. He has beautifully expressed the feelings of a mother who is a brave heart sending her son on border to protect Our Nation. Rohit also aspires to be an Indian Army Officer and serve the Nation he has joined NCC that is National Cadet Corps and has attended the Kanpur Camp. He told us that he is preparing for SSB alongside his graduation in Pharmacy from Invertis University, Bareilly. We wish him good luck for his future endeavourer and set a good example amongst his batch mates and juniors .

ZipDose® Technology

Source: Aprecia Pharmaceuticals



ENABLING NEW CAPABILITIES INPATIENT CENTRIC THERAPY

Using an aqueous fluid to bind together multiple layers of powder, our unique, patent-protected 3DP technology platform can be used to solve some of your toughest therapeutic challenges across multiple therapeutic areas.

HIGHER DOSE LOADS

Support dose loading up to 1,000 mg

FAST-DISSOLVING

Rapidly disintegrates on contact with liquid by breaking the bonds created during the 3DP process

TASTE MASKING

Allows the application of enhanced taste-masking techniques

WHY ZIPDOSE?

Because of its unique digitally coded layering and zero-compression processes, ZipDose Technology can hold a high dosage load and still maintain rapid disintegration with just sip of water. ZipDose Technology can offer patients with swallowing difficulty or high pill burden an easier way to take medicine.

MARKET EXCLUSIVITY

Extend product lines and market share with broader patient reach and/or continued brand exclusivity via 505(B)(2) submissions of patent-protected ZipDose formulations.

THERAPEUTIC POSSIBILITIES

With multiple patient, manufacturing, regulatory and business benefits, ZipDose opens new opportunities in multiple therapeutic areas, bringing significant advantages to your pipeline.

MEDICAL BENEFITS

Patients and caregivers can experience a rapidly disintegrating, taste-masked, and convenient way to take or administer medicine, while providers can prescribe high-dose formulations for patients with swallowing issues or burdensome dosing regimens.

MEET SPRITAM, THE FIRST 3D PRINTED DRUG APPROVED BY FDA

Manufactured with Aprecia's ZipDose 3DP technology, Spritam (levetiracetam) is available in 4 dose strengths, up to 1,000 mg, and provides appropriate patients who may have difficulty swallowing large tablets an option for an advanced fast-melt tablet. Spritam is the first 3D printed drug approved by the FDA and is currently available by prescription only.

LAYERS AND LAYERS OF PRECISION

Combining the precision of 3D printing and formulation science, ZipDose Technology produces rapidly disintegrating formulations of medications even at high dose loads of up to 1,000 mg.

SOURCE:

[ZipDoseTechnology \(pharmaceuticalonline.com\)](http://ZipDoseTechnology(pharmaceuticalonline.com))

REPRESENTED BY:

Ms. Karishma Singh

Assistant Professor

Invertis University Bareilly

Achievements of Faculty members



Dr. Lalit Singh
Dean Faculty of Pharmacy



Research Article
Implementation of Quality by Design Principles for the Evolution of Optimized Sustained Release Drug Delivery System

(E-pub Ahead of Print)

Author(s): Lalit Singh, Vijay Sharma*

Journal Name: Drug Delivery Letters

DOI: 10.2174/2210421121812

 **Message**



Mr. Amit Gupta
Assistant Professor

Mr .Amit Gupta Assistant Professor Department Of Pharmacy has completed his MPharm Pharmacology and Toxicology from National Institute Of Pharmaceutical Education And Research NIPER Raebareli. He has been awarded with gold medal in his Master Degree he has worked on the research topic entitled Chronic Exposure to Multi metals On Testicular Toxicity In Rats and has published his research Article in Toxicology Mechanism and Methods Taylor and Francis Impact Factor 3.12. Mr. Amit Gupta ,Assistant Professor Department Of Pharmacy has received his recognitions for reviewing the various research article and gained certificate of excellence by some of the reputed journals like journals of Pharmaceuticals Research International ,Asian Journal of applied chemistry Research, Asian Journal Of Medicine And Health

