



**AMALTAS**

**Institute of Pharmacy**



**Volume 01**

# PHARMA BIZ

A compilation of Campus Events & Articles.

It is a matter of great pride to witness the progress and dedication of our Pharmacy Department. In today's fast-evolving healthcare landscape, the role of a pharmacist is more critical than ever, not only in medicine dispensing, but also in research, patient care, and public health.

## SHRI SURESH SINGH BHADORIA

Founder Chairman



# CHAIRMAN

Our institution is dedicated to shaping visionary pharmacists who lead with expertise, innovation, and integrity in a rapidly evolving healthcare landscape. We empower our students to become knowledgeable leaders driving impactful change and advancing the future of pharmacy.

**MR. MAYANKRAJ SINGH BHADORIA**

Chairman



*Message from*

# PRINCIPAL

It gives me immense pleasure to present this edition of our Pharma eBulletin, a reflection of the knowledge, innovation, and passion that defines our institution.

At Amaltas Institute of Pharmacy, we are committed to nurturing skilled, ethical, and research-oriented pharmacists who can meet the evolving demands of the healthcare industry. Our focus goes beyond academics that we aim to instill in our students a spirit of inquiry, compassion, and professional responsibility.

I am proud of our students and faculty who continue to excel in academics, research, and community outreach. Let this bulletin serve as a platform to celebrate their achievements and to share meaningful developments in the world of pharmacy.

Let us continue to learn, grow, and contribute toward building a healthier and brighter future.

*Dr. Neelam Khan*

*Principal*

*Amaltas institute of Pharmacy*



# EVENTS

## Ganesh Chaturthi celebration

Ganesh Chaturthi, the festival celebrating the birth of Lord Ganesha, was observed at Amaltas Institute of Pharmacy, Amaltas University on 27 August 2025 with great devotion and enthusiasm. The celebration began with a ceremonial puja that was initiated by Vice Chancellor of Amaltas University, Dewas, Dean of management Dr. Astha Nagar and Principal of Pharmacy college. The entire team, including students and staff, came together to participate in various rituals and festivities during this auspicious occasion.

This occasion marked the commencement of a spiritually significant day. 'Prasad' was distributed to all present. Sweets and fruits were shared among the attendees, symbolizing the blessings and benevolence of Lord Ganesha.

The culmination of the Ganesh Chaturthi celebration was the 'Bisarjan' or immersion ceremony, which took place on September 5th. This ritual symbolized the return of Lord Ganesha to His celestial abode. The entire university community participated in the procession, joyfully dancing and singing hymns to bid farewell to the deity.

The Ganesh Chaturthi celebration at Amaltas Institute of Pharmacy, Amaltas University was a beautiful expression of devotion, culture, and unity. It allowed students and staff to come together, celebrate, and seek the blessings of Lord Ganesha. The 11-day stay of the deity, daily 'Arti' ceremonies, the grand 'Bisarjan' procession and the communal meal, all contributed to making this celebration a memorable and spiritually enriching event.



# EVENTS

## Independence day Celebration

On August 15, 2025, our college commemorated India's 79th Independence Day with enthusiasm and reverence. The event was graced by the presence of the Honorable Chairman Shri Mayank raj Singh Badoria of Amaltas Group of institute and the chief guest Dilip Jaat, sarpanch bangar, Honorable Vice Chancellor, Registrar of University, All principal of different institute, staff, and faculties along with students. The event commenced at 9:00 AM with a prayer session, followed by a vibrant student parade. Honorable Chairman and Chief Guest jointly hoisted the national flag, and the assembly sang the national anthem in unison.

The cultural program featured speeches, patriotic songs, and dance performances by students, reflecting the spirit of freedom and unity. The Chief Guest addressed the gathering, emphasizing the significance of independence and the nation's progress.



# EVENTS



Honorable Chairman addressed the assembly about this great national event, he shared that our forefathers have given us a land of peace and contentment where we can live without fear. Our country is developing very fast in the field of technology, education, sports, finance and various other fields which were almost impossible before freedom. As part of this tradition, the college celebrated Independence Day with great enthusiasm and pride. The entire atmosphere was filled with joy and patriotism, reflecting the collective pride of being citizens of our beloved country.

Towards the conclusion, Honorable Chairman of Amaltas Group of institute Shri Mayank raj Singh Badoria and the chief guest was invited to distribute award to the participants.

# EVENTS

## Value added course: patient safety and medication error

A Value Added Course (VAC) is an educational program designed to complement a student's regular academic curriculum by imparting additional skills, knowledge, or certifications that enhance their overall profile and employability. These courses emphasize practical, industry-relevant skills that equip students to meet real-world challenges and increase their competitiveness in the job market.

This course specifically focused on patient safety and the prevention of medication errors in healthcare, highlighting the critical importance of minimizing risks to patients during treatment to improve the quality of care.

The Value Added Course was held on 24–25 July 2025 at Amaltas Institute of Pharmacy. Prof. (Dr.) Neelam Khan, Principal of the institute, underscored the significance of the program. The two-day course was delivered by distinguished speakers Dr. Neetesh Jain, HOD modern institute of Pharmaceutical sciences Indore and Dr. Javed Khan, Principal Index institute of Pharmacy, Indore, who provided insightful sessions on patient safety principles and effective strategies to prevent medication errors, thereby enhancing the participants' knowledge and awareness of safe healthcare practices.



# EVENTS

## International Yoga Day celebrations:

International Yoga Day is observed every year on June 21 to raise awareness about this ancient practice and to celebrate the physical and spiritual prowess that yoga has brought to the world. Yoga is a practice which plays an important role in relaxing the mind and body and boosting people's immune system. 11th International Yoga Day was celebrated by the students and the faculty members of Amaltas University on 21st June 2024 with great eagerness and enthusiasm.

Registrar Dr. Sanjay Rambole Amaltas University Dewas also joined the International Yoga Day celebration. The theme for international Yoga Day 2025 is 'Yoga for One Earth One Health' and revolves around self-enlightenment. This year's theme of international yoga day focuses on Yoga, a transformative practice, representing the harmony of mind and body, the balance between thought and action, and the unity of restraint and fulfillment for self & society. Mr. Sanjay Rambole demonstrated Surya Namaskar Asanas and various Yoga Asanas which were performed by the students and the staff members enthusiastically. Bending and twisting the body is only one aspect of yoga. It is an effective way to improve our general state of physical, mental, and spiritual well-being



# EVENTS

## World Environment Day celebrations:

The World Environment Day celebrations June 5th, 2025, at Amaltas Institute of Pharmacy with active participation from Principal, students, faculty members, and staff. The event served as a reminder of our responsibility towards the environment.

World Environment Day, celebrated annually on June 5th, serves as a crucial platform to raise awareness about pressing environmental issues and promote collective action towards a sustainable future. . This year's theme is 'Only One Earth', which draws our attention towards playing our role effectively while living in perfect harmony with nature without proving a burden on it. The World Environment 2025 was celebrated by tree planting in the college campus by Principal faculty members and students .



# EVENTS

## World ORS (Oral Rehydration Salt) Day:

World ORS (Oral Rehydration Salt) Day is celebrated annually on July 29th to raise awareness about the importance of oral rehydration therapy (ORT) as a cost-effective method to treat dehydration, especially in children suffering from diarrhea. On this occasion, the Department of pharmacy organized a guest lecture featuring Ms. Avika Joshi, Assistant Professor at Amaltas Institute of Pharmacy, to spread awareness and importance of ORS.

The objectives of the lecture is to educate students about the global impact of dehydration and diarrheal diseases, To explain the role and scientific basis of Oral Rehydration Salts (ORS), To highlight the importance of ORS in low-resource and emergency settings, To encourage community-level awareness and health initiatives among students. Ms. Avika began the session by sharing statistics from the WHO and UNICEF on child mortality due to dehydration caused by diarrheal diseases. She explained how the simple yet powerful solution of ORS has saved millions of lives, particularly in developing countries. She also encouraged students to volunteer in health camps and promote the correct usage of ORS in rural and urban communities alike.



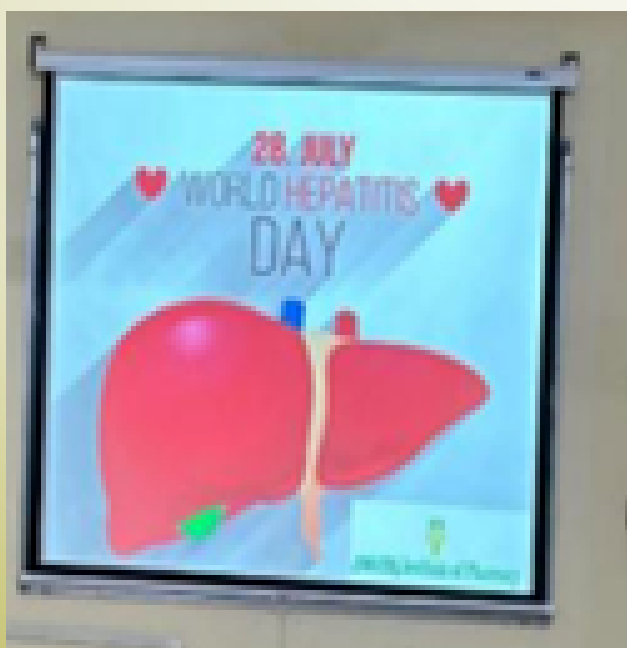
# EVENTS

## World Hepatitis Day:

World Hepatitis Day is observed globally on July 28 every year to raise awareness of viral hepatitis and promote action to prevent, diagnose, and treat the disease. The date was chosen to honor the birthday of Dr. Baruch Blumberg, who discovered the hepatitis B virus and developed the first vaccine. The 2025 theme “Hepatitis Can’t Wait,” emphasized the urgency of screening, prevention, and treatment to eliminate hepatitis as a public health threat by 2030. On this occasion, the Amaltas institute of pharmacy organized a guest lecture aimed at educating students and faculty about the importance of early diagnosis, prevention, and treatment of hepatitis.

Objectives of this event were to educate students and staff about the causes, types, transmission, and prevention of hepatitis and to encourage regular testing and vaccination, especially for hepatitis B.

The lecture was followed by an interactive Q& A session where students raised questions.



# EVENTS

## World No Tobacco Day:

On 31st May 2025, Amaltas Institute of Pharmacy observed World No Tobacco Day with the theme “Unmasking the Appeal: Exposing Industry Tactics on Tobacco and Nicotine Products.” A Poster Making Competitions was held where students created artwork highlighting the dangers of tobacco use and preventive measures.

Dr. Neelam Khan, Principal, addressed the event, discussing the health risks of tobacco, including cancer, and the economic burden it causes. She encouraged students to avoid tobacco, explained the effects of active and passive smoking, and promoted nicotine gum and counseling services available at Amaltas hospitals. A tobacco-free pledge was administered to all participants.

The event concluded with a quiz competition and prize distribution, successfully raising awareness and promoting a tobacco-free lifestyle among students



# FACULTY'S CORNER

## **Artificial intelligence (AI) in drug design and discovery**

Artificial intelligence (AI) is transforming drug design and discovery by making the process faster, cheaper, and more efficient. Traditional drug development can take over a decade and cost billions, but AI helps scientists analyze massive datasets, predict drug behavior, and identify promising compounds much more quickly.

AI models can screen thousands of molecules in minutes, predict their interactions with biological targets, and optimize chemical structures for safety and effectiveness. Machine learning tools also help repurpose existing drugs by identifying new therapeutic uses based on patterns in biomedical data. In addition, AI accelerates early-stage research by simulating clinical outcomes, reducing reliance on lengthy lab experiments.

Pharmaceutical companies are increasingly using AI to discover treatments for cancer, genetic diseases, and infectious disorders. Although challenges remain such as data quality and the need for experimental validation AI continues to revolutionize modern drug discovery.

**Mr. Rahul Vyas**

*(Assistant Professor)*

*Amaltas Institute of Pharmacy, Dewas*



# FACULTY'S CORNER

## Role of 'Association of Pharmacy Professionals'

APP actually aids in extending the knowledge and facilities of several technical institutes, industries as well as health sectors to the remote areas where the service and live functionality of pharmacy profession is the real want. This humble act might be in the form of academic, research or health related activities. The association is also aware about and shares the responsibilities of professionals towards the community and social liabilities. The APP also accesses the availability of expertise when it needs and ensures that the systematic teaching learning activities not only occurs but also reach to the common knowledge development system by acting as source of fulfillment in case of any need.

APP emerged with a view to sustain and support the horizon of knowledge from all areas of pharmaceutical and other allied sciences. APP has a widespread scope as pharmacy is a multidisciplinary branch which requires knowledge from chemical, physical and biological sciences that have further merged together to develop several new subjects, areas of education, research and technology.

Role of 'Association of Pharmacy Professionals' is also to think of betterment of the community, society and also to involve young generation to lead them to run the new era of pharmacy and related disciplines under the blessings and guidance of previous generation.

**Ms. Manju Parmar**

*(Assistant Professor)  
Amaltas Institute of Pharmacy, Dewas*



We assure the dedicated and wholehearted efforts of our resources and abilities to push the pharmacy profession in all ways. Let us hope and work for making APP more visible at every forefront of scientific, academic and research fields. May the kind cause and wisdom of APP reach many places, many people all over India and abroad and enlighten the name of profession beyond the boundaries globally.

# FACULTY'S CORNER

## **The Impact of Telepharmacy in Rural Healthcare**

The rapid advancement of information and telecommunication technologies has significantly influenced healthcare delivery worldwide. Despite these advancements, rural populations continue to face substantial barriers to accessing essential healthcare services due to geographical isolation and demographic challenges. Telepharmacy, a modern approach to pharmaceutical care enables licensed pharmacists to remotely provide services such as medication reviews, patient counseling, and prescription verification to individuals who live far from healthcare facilities.

Telepharmacy offers numerous benefits, including reduced healthcare costs, improved patient satisfaction through better access to medications and information, enhanced availability of healthcare services in remote areas, and more effective patient counseling. It also helps address the shortage of local pharmacists in underserved communities.

However, the implementation of telepharmacy presents several challenges. These include legal and regulatory complexities, technological requirements, and substantial start-up costs related to software, connectivity, and operational infrastructure. For rural hospitals with limited patient volumes, these financial demands can be a significant barrier. Furthermore, inconsistencies in telepharmacy laws hinder uniform adoption and effective execution.

Despite these challenges, a well-designed telepharmacy system has the potential to transform pharmacy practice. When properly implemented, it can greatly benefit rural communities while supporting the healthcare institutions that provide these essential services.

**Mrs. Avika Joshi**

*(Assistant Professor)*

*Amaltas Institute of Pharmacy, Dewas*



# STUDENTS CORNER

## AI in Pharmacy – A Friend, Not a Foe



AI isn't here to replace pharmacists but to support them in improving healthcare. It speeds up drug discovery, enhances patient safety by checking prescriptions, personalizes treatments using health data, and manages routine tasks—freeing pharmacists to focus on patient care. AI also drives innovation by analyzing vast medical data, while humans provide creativity and ethical judgment. Together, AI and pharmacists make healthcare safer, faster, and more personalized.

“Technology can never replace the human touch, but it can strengthen it.”



*Aditya Singh Sendhav*

*B. Pharm III year  
Amaltas Institute of Pharmacy*

# STUDENTS CORNER

## Healthcare Revolution: How Pharma Startups are shaping the Future

Pharmaceutical startups are driving a transformative revolution in healthcare. With their agility and innovative spirit, these companies accelerate drug discovery through advanced technologies like artificial intelligence, enabling faster and more efficient development of new medicines. They pioneer personalized therapies tailored to patients' genetic profiles and lifestyles, moving beyond the traditional one-size-fits-all approach.

Additionally, startups develop digital health tools including mobile apps, wearable devices, and tele health platforms that empower patients to actively manage their health in real-time. Breakthroughs in biotechnology, such as gene editing and cell therapies, further expand treatment possibilities for diseases once deemed incurable.

For pharmacy students and professionals, this evolving landscape presents unprecedented opportunities to engage with cutting-edge research, clinical practice, and digital health innovations.

The future of pharmacy will not only involve dispensing medications but also shaping and advancing healthcare innovations that improve patient outcomes globally.

*Subhanshu Soni*

*B. Pharm III year*

*Amaltas Institute of Pharmacy*



# STUDENTS CORNER

## Beyond B. Pharmacy: Advancing Your Education and Career Prospects

What's next after B. Pharmacy?

This question is often asked by friends, family, and even by ourselves. The reality is, a degree in pharmacy opens up a wide range of opportunities rather than a single fixed path.

Some graduates choose to work in the pharmaceutical industry in areas such as manufacturing, quality control, or research and development. Others pursue careers in hospital or clinical pharmacy, working closely with patients and healthcare teams. Many also opt for higher education, including M.Pharm, Pharm.D., or an MBA, to specialize further.

It's important to acknowledge that most students don't have their future fully mapped out yet. It's normal to question your direction during exams or practicals. College is a time for exploration discovering what truly motivates and excites you. You may find your passion in laboratory research, patient care, entrepreneurship, government roles, or even international opportunities after licensing exams.

The greatest advantage of a pharmacy degree is its flexibility. There isn't a single "right" choice, but many paths you can take. The key is to explore, learn, and ultimately select the direction that aligns best with your interests and goals.

*Mohd. Sufiyan*

*B. Pharm II year*

*Amaltas Institute of Pharmacy*



# STUDENTS CORNER

## The Lifecycle of a Medicine: From Discovery to Delivery

The journey of a medicine begins with discovery in the laboratory, where scientists screen thousands of molecules to find potential candidates. Promising compounds undergo preclinical testing in labs and animal studies to assess safety.

Following this, clinical trials take place in three phases: Phase I evaluates safety in healthy volunteers, Phase II tests effectiveness and side effects in patients, and Phase III confirms results across large patient groups worldwide. This rigorous process often spans 10 to 15 years and requires significant investment.

Once approved by regulatory authorities, the medicine enters manufacturing. Factories produce it in large quantities under strict quality control to ensure safety and consistency. Packaging protects the medicine and provides essential usage instructions.

Finally, the medicine reaches pharmacies, where healthcare professionals guide patients on proper use. This entire lifecycle reflects years of research, testing, and dedication—transforming scientific innovation into lifesaving treatments.

*Safiya Khan*

*B. Pharm II year  
Amaltas Institute of Pharmacy*



# E - BULLETIN



## EDITORIAL CORNER



Blending science with soul, **Pharma E-Bulletin** captures the true rhythm of pharmacy.

**Mr. Sankalp Ojha**  
Editor

**Pharma E-Bulletin** design reflects healing, harmony, and the timeless essence of pharmacy.

**Mr. Pranav Sharma**  
Creative Designer



## Call for Contributions

Faculties and students of Amaltas Institute of Pharmacy are invited to contribute to the upcoming edition of the Quarterly Bulletin of their respective institutes.

Share your achievements, research highlights, creative articles, or initiatives that reflect the spirit of Amaltas University. 🌟

For More details



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