



## EDITORIAL

With great pride and excitement, we present the latest edition of PHARMA VISION! This issue highlights the achievements, innovations, and aspirations that define the vibrant spirit of Ziauddin University.

We extend our heartfelt gratitude to you, our readers, for your unwavering support and valuable feedback. Your engagement transforms PHARMA VISION into more than a newsletter, it becomes a platform for growth, collaboration, and inspiration.

In this edition, we celebrate milestones that reflect our commitment to excellence and invite you to share your thoughts to help us grow together. Let's continue shaping the legacy of Ziauddin University as a beacon of knowledge and leadership.

**Warm Regards!**

**The Editorial Team, PHARMA VISION**

## GREEN PHARMACY: AN EMERGING TREND

**PROF. DR. NUDRAT FATIMA**

*Principal,*

*Faculty of Pharmacy and Pharmaceutical Sciences*

Green Pharmacy is a term referring to sustainable and eco-friendly practices. It ensures that pharmaceutical and medical processes are developed and conducted in an environment-friendly manner. Green Pharmacy also refers to an approach promoting natural and plant-based treatments to promote health.

This approach has a solid historical background which existed in Egypt, Greece, China and India. Almost all civilizations possess their traditional system of medicine like Ayurveda in India, Traditional Chinese Medicine in China, etc. which are still in practice.

After certain outbreaks and the Pandemic, the world is regaining interest in herbal medicine and plant-based supplements. However, there are certain regulatory requirements of the modern era, so extensive progress is required for standardization and scientific validation of traditional medicines. The researchers of the concerned field collect knowledge about the herbs used to treat different disorders from the local population and evaluate these on a scientific basis, and most of such claims are proven correct after scientific evaluation. The results are reported in reputed



journals e.g. Journal of Ethnopharmacology, Journal of Ethnobiology and Ethnomedicine, American Journal of Ethnomedicine, Journal of Traditional Chinese Medicine, etc.

Green Pharmacy Practice is also moving towards environment-friendly packaging of pharmaceuticals and nutraceuticals. Eco-friendly packaging also known as sustainable or green packaging is any packaging that's easy to recycle, safe for individuals and the environment, and made out of recycled materials. It uses materials and manufacturing practices with minimal impact on energy consumption and natural resources.

Green pharmacy is significant in terms of pollution control resulting in the protection of ecosystems by eliminating air and water pollutants, minimizing waste water, and promoting energy-efficient manufacturing processes. This practice leads to reduced levels of contaminants which have a direct impact on public health. It also supports the development of new green zones which will result in the long-term availability of natural resources and save the extinction of species.

It is the responsibility of pharmacists and researchers to encourage the discovery of greener processes, search for environment-friendly drug delivery systems, and create awareness in the public about this emerging practice.



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# EVENTS

## BLOOD DONATION DRIVE

The Faculty of Pharmacy and Pharmaceutical Sciences, Ziauddin University, hosted a successful blood donation drive on 8th August, collaborating with Indus Hospital, at its Link Road campus. Students enthusiastically participated in the noble cause, demonstrating their commitment to giving back to the community. The event saw an overwhelming response, with

numerous donors contributing to the lifesaving effort. The drive helped collect vital blood units, supporting Indus Hospital's mission to provide quality healthcare. This joint initiative showcased the power of community service and youth engagement, inspiring positive change.



## PAKISTAN TOUR

Fourth and fifth-year Pharmacy students completed an academic tour, 23rd August to 1st September, visiting key locations such as Islamabad, Naran, Kaghan, Saif-ul-Mulook, Hunza, Attabad Lake, Karimabad Bazaar, and Batakundi. The tour also included an insightful additional seminar at Al Shifa

Hospital in Islamabad, providing the students with valuable professional exposure. This journey offered a unique combination of adventure, learning, and professional growth, enriching their academic experience.



# EVENTS

## INDEPENDENCE DAY CELEBRATION

Faculty of Pharmacy and Pharmaceutical Sciences, marked Pakistan's Independence Day with a vibrant celebration. Students showcased patriotism through performances and

displays. Inspiring speeches, songs and quiz competitions complemented the festivities.



## AZADI SPORTS GALA SEASON 2

Ziauddin University, witnessed an electrifying display of sportsmanship and teamwork from the Faculty of Pharmacy & Pharmaceutical Sciences. These outstanding performances

demonstrate unwavering dedication to excellence, both on and off the field. Congratulations to all participants and winners on this remarkable achievement!



## SESSION ON SKINCARE

The Faculty of Pharmacy and Pharmaceutical Sciences, in collaboration with Lavidia Skincare, held a session on "Skincare in Summers" on 4th September 2024. Following the session,

participants were provided with complimentary consultations by Dr. Mehreen Afzal, Dr. Ayesha Khan, and Dr. Kalpana Suresh Kumar.



## SESSION ON "USE HEART FOR ACTION SEMINAR"

The Faculty of Pharmacy and Pharmaceutical Sciences, in collaboration with Getz Pharma, held a session on "Use Heart for action" on 20th September 2024, emphasizing the importance of proactive cardiovascular health management. Experts shared insights on preventing heart diseases through lifestyle changes and timely medical interventions.



## MEDICAL PROFESSIONAL TRAINING PROGRAMME

This comprehensive program was designed for healthcare professionals seeking to enhance their skills and knowledge in critical medical practices. Participants were engaged in interactive sessions, hands-on training, and expert-led discussions, covering essential topics in patient care and emergency response.



# EVENTS

## WORLD PHARMACIST DAY CELEBRATION AND RESEARCH EXPO

World Pharmacist Day is a time to recognize and celebrate the vital role pharmacists play in healthcare. Held annually, it highlights their expertise in medication management and their contribution to improving patient outcomes. The celebrations for Pharmacist Day on 25th September 2024, commenced with

a community walk, promoting awareness and fostering a sense of unity. The Research Expo was held on October 1st and 2nd, 2024, during which students showcased a variety of posters and models.



## EQUIPPING PROFESSIONALS WITH ADVANCED SKILL SETS

The Faculty of Pharmacy and Pharmaceutical Sciences, Ziauddin University recently held an educational training session called "Equipping Professionals with Advanced Skill Sets" on 24th Oct'2024. Dr. Yasir Mubarak from Brookes Pharma took

that session and engaged the students in different learning activities. This event exemplifies Ziauddin University's dedication to empowering industry professionals through continuous learning and advanced training opportunities.



## INAUGURATION OF COMMUNITY PHARMACY LAB



# EVENTS

## BAKE SALE EVENT

The Faculty of Pharmacy and Pharmaceutical Sciences, Ziauddin University hosted its first-ever bake sale on October 22, 2024, at the Education City Campus, Link Road. The Student

Council organized the event, which featured the students' amazing talents in baking, cooking, and arts.



## BRIGHT FUTURE FAIR

Innovations in Pharmacognosy and Pharma Chemistry was held successfully on 4th November, 2024. Participants had the opportunity to exchange knowledge, foster collaborations,

and explore innovative solutions shaping the future of pharmacognosy and pharmaceutical chemistry.



## FROM PRESCRIPTION TO PATIENT: A COMPREHENSIVE GUIDE

A comprehensive session entitled "From Prescription to Patient: A Comprehensive Guide to the Practical Responsibilities of Hospital & Clinical Pharmacists" was held at the Faculty of Pharmacy & Pharmaceutical Sciences, Ziauddin University, on 5th Nov. 2024. Ms. Hafsa Jibran delivered an informative

presentation highlighting the key roles and responsibilities of hospital and clinical pharmacists in the healthcare ecosystem, focusing on how pharmacists can ensure the safe and effective use of medications from prescription to patient care.



# EVENTS

## SESSION ON "INTRODUCTION TO MEDICAL DEVICES REGULATORY AFFAIRS"

We had the pleasure of hosting an insightful training session titled "Introduction to Medical Devices Regulatory Affairs" on 11th Nov.2024, at the Faculty of Pharmacy and Pharmaceutical Sciences, Ziauddin University, Educational City Campus, Link Road.

The session was conducted by the esteemed Dr. Omair

Mehboob, Founder and CEO of NM Enterprises. Dr. Mehboob shared valuable insights into the complexities of regulatory frameworks governing medical devices, equipping students and professionals with critical knowledge to navigate this evolving field with the essential tools for their careers in regulatory affairs.



## ANNUAL DINNER AND QAWWALI NIGHT

The Annual Dinner & Qawwali Night, 2024 hosted by the Faculty of Pharmacy and Pharmaceutical Sciences, Ziauddin University, was an unforgettable evening filled with joy,

laughter, and soulful melodies. From the delicious food to the mesmerizing Qawwali performances, every moment was a celebration of togetherness and camaraderie.



## INDUSTRIAL VISIT

We are thrilled to share that the final year students from the Faculty of Pharmacy and Pharmaceutical Sciences, Ziauddin University, recently embarked on an insightful industrial visit to Macter International Limited. This visit offered our students a firsthand experience of pharmaceutical manufacturing, quality control, and operational excellence. The interaction with industry professionals provided valuable insights into practical applications of their academic knowledge, preparing them to meet the challenges of the pharmaceutical sector. Ziauddin University remains committed to bridging the gap between

academia and industry by facilitating such learning opportunities.

