



R. L. TAWDE FOUNDATION'S
SAROJINI COLLEGE OF
PHARMACY, KOLHAPUR.

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E-NEWSLETTER

PHARMABUZZ @ SCOPians

Issue 3, January 2024



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GLOBAL NEWS

AI Takes Center Stage with Media Buzz Around its Real-World Impact

AI is reshaping the pharmaceutical landscape by significantly reducing the time and costs



involved in developing new drugs and bringing about efficiencies.

It plays a vital role in various stages of the drug design process,

from identifying new drug molecules and improving design

techniques to predicting drug properties. By leveraging AI's

capabilities in data mining, machine learning, and generative

modeling, pharmaceutical companies can streamline drug discovery, virtual screening, and in

silico evaluations. AI's ability to analyze vast datasets enhances diagnostic accuracy, enables

personalized treatments, and holds great promise for the future of the industry. Hence AI is

an upcoming technology that will benefit the pharma industry a lot.



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Pharma exports rise 8.2% in the last 9 months of 2023 to \$20.40 billion

Pharmaceutical exports grew 8.2 percent in April-December, 2023, to \$20.40 billion



as compared with \$18.85 billion in the corresponding period of the previous financial year. "The growth in exports in the first nine months of the current financial year was driven by a double-digit growth of the US exports at 11.5 percent which pushed up overall exports to NAFTA (USA, Canada, and Mexico) by 10.4 percent," R Uday Bhaskar, Director-General, Pharmaceuticals Export Promotion Council (Pharmexcil)

The Pharmacy Amendment Bill 2023

The Pharmacy (Amendment) Bill 2023 was introduced in Lok Sabha today. The Bill is

to amend the Pharmacy Act, 1948. It was introduced by the Minister of State for Health Bharati Pravin Pawar.

The Bill has a special provision relating to persons registered or qualified under Jammu and Kashmir

Pharmacy Act, 2021. It states that any person whose name has been entered in the register of pharmacists

maintained under the Jammu and Kashmir Pharmacy

Act or possesses qualifications prescribed under the act shall be deemed to have entered the register of pharmacists.





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Analysis finds e-prescribing by pharmacists on the rise, filling gaps in care

A new report from Surescripts finds that more pharmacists are electronically



prescribing medications as they assist with managing chronic diseases for patients.

According to the report's data, the number of prescribers in the Surescripts' network who were not conventional primary care providers rose by

12.1% on average annually between 2018 to

2022, while the number of clinicians who frequently provide primary care grew by less than 1%. Surescripts found that the number of overall e-prescriptions submitted by pharmacists increased by 47% between 2019 and 2022, in particular for drugs that treat chronic conditions.

Metformin could be beneficial for gestational diabetes

The use of metformin among pregnant women with gestational diabetes was



associated with enhanced glycemic control and

reduced gestational weight gain, according to a

randomized, placebo-controlled study

published in JAMA. The trial was conducted

from June 2017 to September 2022 at two sites

in Ireland, comprising 510 women with

gestational diabetes.



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COLLEGE AT A GLANCE

World Pharmacist Day Celebration (25/09/2023)



In a vibrant celebration of healthcare professionals, marked World Pharmacist Day with fervor and appreciation. The college campus buzzed with excitement as students, faculty, and staff came together to honor the vital role pharmacists play in healthcare. Pharmacists offered valuable insights on managing chronic conditions and optimizing medication therapy. A rally was organized in Morewadi, students distributed pamphlets to the villagers. The event served as a platform to recognize the dedication and commitment of pharmacists to improving patient outcomes and advancing public health initiatives. It reaffirmed the college's commitment to excellence in pharmacy education and practice.

Blood Donation Camp (30/11/2023)



The Rotaract Group of Samarpan, Rotary Group Matireya, NSS unit of College organized blood donation camp. The event, held at the college premises, aimed to bolster blood reserves at local hospitals while fostering a culture of altruism and community service among students and faculty. Organizers of the camp were delighted by the enthusiastic response, as scores of donors queued up to contribute to the noble cause. With the support of trained medical professionals and volunteers, the donation process proceeded smoothly, ensuring the safety and comfort of donors throughout. Donors were provided with refreshments and certificate.



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CPR Session (06/12/2023)



The college had organized a comprehensive session on Cardiopulmonary Resuscitation (CPR). The session aimed to equip students with essential knowledge and practical skills in administering CPR, a crucial lifesaving technique. The primary objective of the session was to educate students about CPR techniques, its importance in emergencies, and empower them to respond effectively in scenarios involving cardiac arrest or respiratory failure. Content Covered: Overview of CPR: Definition, purpose, and significance in saving lives. Anatomy and physiology of the heart and lungs relevant to CPR. Step-by-step demonstration of CPR techniques for adults, children, and infants. Hands-on practice sessions allow students to apply CPR skills on mannequins under expert guidance.

GPAT Session (06/12/2023)



One day Session on GPAT competitive examination was organised by TPO Cell under the guidance of Dr. Z.J. Tamboli. The session was conducted by alumni Ms. Sneha Dange and Ms. Mrunal Bhise. The primary objective of the session was to familiarize final-year BPharm students with the intricacies of the GPAT exam, its significance, and effective preparation strategies. Overview of GPAT exam structure,



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syllabus, and marking scheme. Importance of GPAT in career advancement & higher education opportunities. Tips & strategies for effective preparation, including time management & resource utilization. Insights into personal experiences of alumni who have cleared GPAT and their journey after that. Guidance on selecting study materials, reference books, and online resources. Mock test sessions to simulate exam conditions and assess preparedness

Medical Coding Session (08/12/2023)



The Training and Placement Cell of college had organized a specialized session on medical coding. The session aimed to provide students with insights into the field of medical coding, its significance in healthcare administration, and career opportunities in this domain

given by Dr. Atul Dadhe sir. The primary objective of the session was to familiarize students with the fundamentals of medical coding, coding systems used in healthcare, and the role of medical coders in ensuring accurate documentation and billing processes. Content Covered: Introduction to medical coding: Definition, importance, and relevance in healthcare. Overview of coding systems: ICD-10-CM (International Classification of Diseases, 10th Edition, Clinical Modification), CPT (Current Procedural Terminology), and HCPCS (Healthcare Common Procedure Coding System). Importance of accurate coding in healthcare reimbursement, compliance, and data analysis.



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Telepharmacy and Remote Experiential Learning

The rise of telehealth services has implications for pharmacy education as well. Telepharmacy, which involves the remote provision of pharmaceutical care, is increasingly becoming a part of the pharmacy curriculum. Students can gain practical experience by participating in telepharmacy rotations, where they learn to provide medication therapy management and counseling remotely. This innovation not only aligns with the changing modes of healthcare delivery but also exposes students to the challenges and opportunities presented by digital healthcare. Understanding how to leverage technology to provide patient-centered care is a valuable skill for future pharmacists

Mr. A.A.Dixit (Assistant Professor)

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