



## **School of Medical and Allied Sciences**

### **Report on**

#### **Ensuring Drug Safety: Insight on Pharmacovigilance**

**Date:** Friday, 9th Sept 2024

**Venue:** A-Block, Fourth Floor, Seminar Hall

**Event Type:** Intra-University

**Mode of Activity:** Offline

**Target Group:** Pharma students and Faculties

**Resource Person (if any):** Dr. Permender Rathee, Senior Manager, Global Pharmacovigilance, R&D-V, Sun Pharmaceuticals Limited, Sector-18, Gurugram (India)

**Convener:** Prof. (Dr.) Hema Chaudhary, Dean, SMAS

**Coordinators:** Mr. Amit Misra, Mr. Mohit Agrawal

**Organized by:** School of Medical & Allied Sciences

**Number of Participants (Attach Attendance as Annexure):** more than 160 (Annexure I)

### **Introduction**

Pharma sector is one of the most burgeoning areas globally. It is of immense contribution in the development of newer and affordable therapeutic molecules imparting a significant impact on society and healthcare. Simultaneously, focus on research and development in pharmaceutical science in collaboration with interdisciplinary areas are gaining a lot of attraction among young graduates.

To meet the current demand, it is mandatory to aware the students about the various competitive exams conducted by Government funding agencies i.e., AICTE, CSIR, IARI, UGC, ICMR, DBT and DST, and interdisciplinary courses for higher education across the globe. The present



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seminar entails the diverse career options offered in Pharmacy such as dispensing, manufacturing, research and development, quality control, and pharmacovigilance.



## Objectives

1. Introduce students to the concept of pharmacovigilance and its importance in healthcare.
2. Highlight the role of pharmacists in ensuring drug safety through active pharmacovigilance practices.
3. Discuss the methodology and tools used in pharmacovigilance for the detection and reporting of adverse drug reactions.
4. Provide insights into the global regulatory framework governing pharmacovigilance activities.
5. Illustrate real-life examples of the impact of pharmacovigilance on public health and patient outcomes.

## Methodology



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The lecture utilized a combination of didactic presentations, case studies, and interactive discussions to engage the students. Guest speakers, including experts from the pharmaceutical industry and regulatory agencies, shared their insights and experiences in the field of pharmacovigilance. Visual aids such as slides, videos, and infographics were also employed to enhance comprehension and retention of key concepts.



**Content:** The lecture covered the following key topics:

1. Introduction to Pharmacovigilance
2. Importance of Pharmacovigilance in Healthcare
3. Roles and Responsibilities of Pharmacists in Pharmacovigilance
4. Methods of Adverse Drug Reaction Detection and Reporting
5. Global Regulatory Framework for Pharmacovigilance
6. Case Studies and Real-life Examples



## 7. Future Trends and Challenges in Pharmacovigilance

### Outcomes

The guest lecture was highly beneficial for the pharmacy students, as it provided them with a comprehensive understanding of pharmacovigilance and its significance in ensuring drug safety. The interactive nature of the session encouraged active participation and stimulated critical thinking among the students. Additionally, the real-life examples and case studies helped to contextualize the theoretical concepts discussed during the lecture.

### Conclusion

In conclusion, the guest lecture on pharmacovigilance served as an invaluable educational opportunity for pharmacy students to gain insights into the complex yet crucial field of drug safety monitoring. By equipping future pharmacists with the knowledge and skills necessary for effective pharmacovigilance practices, the lecture contributes to the overarching goal of promoting patient safety and improving healthcare outcomes.

Moving forward, it is imperative that pharmacovigilance remains a priority in pharmacy education and practice to safeguard public health in an increasingly complex pharmaceutical landscape.

### Prospects

As the pharmaceutical industry continues to evolve, the demand for skilled professionals in pharmacovigilance is expected to rise. Pharmacy students who gain expertise in this field will have promising career prospects in various sectors, including pharmaceutical companies, regulatory agencies, research institutions, and healthcare organizations. Continuous learning and staying updated with advancements in pharmacovigilance will be essential for success in this dynamic field.



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