SAROJINI NAIDU VANITA PHARMACY MAHA VIDYALAYA (Co-Ed.)
(Sponsored by the Exhibition Society)
UGC AUTONOMOUS INSTITUTION
Affiliated to Osmania University, Approved by PCI-New Delhi NBA
Accredited B. Pharmacy Course, Accredited with A$^+$ grade by NAAC

Department of Pharmaceutical Quality Assurance

Report on Guest Lecture

Date: 30th December 2025.

Venue: SNVPMV Auditorium.

Topic: Clinical Quality Assurance and Careers in Healthcare IT: A Roadmap for Pharma Students

Name of the Speaker: Ms. Muhsina Takseen

Team lead of H1 Life Science

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The Department of Pharmaceutical Quality Assurance, Sarojini Naidu Vanita Pharmacy Maha Vidyalaya (SNVPMV), organized a Guest Lecture on **30th December 2025** in the college auditorium. The programme aimed to create awareness among pharmacy students about clinical trials, quality assurance (QA), and emerging career opportunities in the healthcare IT sector.

The session was anchored by student volunteers **Ms. Deekshitha** and **Ms. Bhavya**, who warmly welcomed the dignitaries onto the dais in the following order:**Dr. T. Mamatha**, Principal,**Dr. S. Anuradha**, Head of the Department, Pharmaceutical Quality Assurance,**Ms. Muhsina Takseen**, Team Lead, H1 Life Science.

Dr. T. Mamatha, Principal, SNVPMV, delivered the welcome address. She introduced the guest speaker and highlighted the importance of regulations governing clinical trials. She emphasized the critical role of Quality Assurance in ensuring compliance and patient safety in clinical research. Dr. Mamatha also spoke about the growing integration of healthcare with information technology, noting that it not only broadens professional horizons but also opens new and promising career avenues for pharmacy graduates.

. The speaker **Ms. Muhsina Takseen**, Team Lead, H1 Life Science was formally introduced by **Ms. Ruchitha**. Ms. Muhsina began the lecture with an overview of clinical trials and the role of Quality Assurance in the clinical research domain.

She elaborated on:

- Fundamentals of clinical trials and their phases
- Clinical trial protocols and peer review processes
- Funding mechanisms and sponsorships
- Regulatory authorization, licensing, and their importance

Using illustrative slides, she explained the **ICH guidelines** and emphasized the need for Quality Assurance in the clinical setting. Her detailed explanation enabled students to clearly understand how QA ensures compliance, data integrity, and patient safety throughout the clinical trial process.

Clinical Quality Assurance and Regulatory Compliance

Ms. Muhsina further discussed: Clinical Quality Assurance (CQA) Clinical Quality Management Systems (CQMS) Regulatory compliance and its core elements .She explained how structured quality systems help organizations meet global regulatory expectations and maintain high standards in clinical research.

The session provided valuable insights into **Healthcare IT career opportunities for pharmacy graduates**, particularly those from non-technical backgrounds. The domains discussed included:

- Clinical Data Management
- Medical Coding
- Medical Writing
- Systematic Literature Review (SLR) and Secondary Research
- Clinical Trial Databases and Platforms
- Data Analytics and Real-World Evidence (RWE)
- Clinical Systems, Medical Devices, and Digital Health

Ms. Muhsina concluded by stressing the importance of skill development and the growing role of pharmacy professionals in healthcare IT.

An interactive question-and-answer session followed, during which students actively participated and raised queries related to:

- Approaches to entering the IT sector from a pharmacy background
- The viability and long-term prospects of an IT career
- Expectations from healthcare IT job roles

Ms. Muhsina Takseen provided practical guidance and encouraged students aspiring to build careers in the IT sector, motivating them to acquire relevant skills and certifications.

The SNVPMV Management expresses sincere gratitude to **Ms. Muhsina Takseen** for delivering an informative and insightful session. The Management also acknowledges the efforts of faculty coordinators and student volunteers for their dedicated support in organizing the programme, and appreciates all participating students for their enthusiastic involvement.

Conclusion

Quality Assurance plays a pivotal role in the pharmaceutical industry by ensuring the safety, efficacy, and quality of healthcare products. It forms the backbone of regulatory compliance and patient safety, making QA professionals indispensable in today's quality-driven environment. For pharmacy students, QA offers stable career growth, global opportunities, and the chance to contribute meaningfully to public health.

Outcome

A total of **120 students and faculty members** from **B. Pharmacy, Pharm. D, and M. Pharmacy** programmes attended the lecture, reflecting strong interest and engagement

The seminar successfully enhanced student awareness of QA-driven and IT-integrated career pathways in pharma and healthcare. It encouraged participants to focus on skill development and professional certifications, and motivated them to follow a structured roadmap toward industry readiness and sustainable career growth.

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