



## **SAROJINI NAIDU VANITA PHARMACY MAHA VIDYALAYA (Co.Ed.)**

(Sponsored by the Exhibition Society)

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### **Report on Industrial Visit to GLOGEN Clinical Research Pvt. Ltd., Hyderabad**

**Institution:** Sarojini Naidu Vanita Pharmacy Maha Vidyalaya  
(Sponsored by Exhibition Society, Nampally)

**Date of Visit:** 21<sup>st</sup> January 2026

**Participants:**

M.Pharmacy I Semester students from  
Department of Pharmaceutical Analysis  
Department of Pharmacology

**Faculty Accompanied:**

Dr. Vivek Sagar, Professor & HoD, Department of Pharmaceutical Analysis  
Dr. T. Venu, Professor & HoD, Department of Pharmacology

**Introduction**

An industrial visit to GLOGEN Clinical Research Pvt. Ltd., Hyderabad, was organized on 21<sup>st</sup> January of 2026 for M.Pharmacy I semester students of Pharmaceutical Analysis and Pharmacology.

The objective of the visit was to provide practical exposure to clinical research operations and to help students understand the real-time application of theoretical concepts related to clinical trials, regulatory processes, and bioanalysis.

GLOGEN Clinical Research Pvt. Ltd. is a globally recognized Clinical Research Organization (CRO) providing integrated clinical development, drug safety, and regulatory advisory services. The organization supports pharmaceutical and biotechnology industries by delivering reliable and high-quality clinical research solutions that comply with international regulatory standards.

**Core Services of GLOGEN**

- Bioavailability and Bioequivalence (BA/BE) studies
- Pharmacokinetic bioanalysis
- Biostatistics and data management
- End-to-end clinical trial services
- Infrastructure and Facilities



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GLOGEN is equipped with advanced facilities to support large-scale clinical research, including:

- 100-bed clinical facility for conducting trials
- Dedicated ICU with advanced life-support systems
- Controlled-access on-site pharmacy
- Advanced LC-MS/MS systems (AB-Sciex API 4000)
- Automated temperature-monitored freezers and refrigerators
- Volunteer registration and screening facilities
- Secure archival facility for clinical trial documents

#### Details of the Visit

The visit began with a warm welcome, followed by an introductory session by **Dr. Ravinder Babu, Head of Clinical Trials, GLOGEN Clinical Research Pvt. Ltd.** He provided an overview of the organization, its role in clinical research, and its contributions to drug development and regulatory approvals.

#### Key Topics Covered by Dr. Ravinder Babu

- Overview of clinical trial operations
- Phases of clinical trials (Phase I to Phase IV)
- Clinical trial design, subject recruitment, and data collection
- Regulatory submissions such as ANDA, NDA, and IND
- Importance of bioequivalence and therapeutic equivalence studies
- Ethical and regulatory requirements including Good Clinical Practice (GCP)
- Session on Quality Assurance and Bioanalysis

The second session was conducted by **Dr. Prasad Krishna, Head of Quality Assurance and Bioanalytical Department.**

#### Key Highlights

- Role of Quality Assurance in maintaining data integrity and compliance
- Importance of QA in regulatory inspections and audits
- Extraction techniques used in bioanalysis
- Analytical techniques such as LC-MS/MS and HPLC
- Application of analytical methods in pharmacokinetic and ADME studies

#### Site Visit and Departmental Exposure



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As part of the industrial visit to GLOGEN Clinical Research Pvt. Ltd., students were given a detailed guided tour of various departments involved in clinical research operations. The site visit provided first-hand exposure to the infrastructure, workflow, and standard operating procedures followed in a Clinical Research Organization (CRO).

#### ***1. Clinical Operations Department***

The visit began with the Clinical Operations section, where students were introduced to the processes involved in the initiation and conduct of clinical trials. The volunteer registration area demonstrated systematic procedures followed to ensure proper documentation, informed consent, and confidentiality of participant data in accordance with ethical and regulatory guidelines.

Students observed the volunteer screening process, which included medical history evaluation, physical examinations, and laboratory investigations to assess eligibility for clinical trial participation. The clinical pharmacology area showcased facilities used for dose administration and monitoring during studies.

The students were also taken to the intensive care unit, which is equipped with advanced monitoring and emergency management systems to handle adverse events during clinical trials. The 100-bedded clinical wards were shown, where volunteers stay during the study period under controlled and comfortable conditions. The recreation and dining areas highlighted the importance of standardized meals and controlled environments in ensuring reliable clinical data.

The sample collection rooms and nursing stations were explained in detail, emphasizing aseptic techniques, accurate labeling, and proper handling of biological samples. The role of nursing staff in volunteer care, medication administration, and continuous monitoring was also highlighted.

#### ***2. Bioanalytical Department***

The Bioanalytical Department visit provided students with in-depth exposure to laboratory practices involved in drug analysis. The significance of Bioavailability and Bioequivalence studies in generic drug development was clearly explained.

Students were introduced to advanced analytical instruments such as LC-MS/MS and HPLC, which are used for the precise quantification and analysis of drugs in biological samples. The functioning of deep freezers maintained at  $-20^{\circ}\text{C}$  and  $-70^{\circ}\text{C}$  was demonstrated, emphasizing the importance of temperature control for sample stability.



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Facilities such as humidity chambers, laminar airflow units, and nitrogen generators were shown to illustrate how controlled environments are maintained to ensure accuracy, reliability, and contamination-free analysis during bioanalytical procedures.

### ***3. Pharmacokinetics and Biostatistics Department***

In this department, students learned about the analysis and interpretation of clinical trial data. The pharmacokinetics section explained how absorption, distribution, metabolism, and excretion data are generated and used to determine safe and effective dosing regimens.

The biostatistics unit demonstrated the application of statistical tools for data validation, result interpretation, and regulatory submission. Students gained insight into how statistical analysis supports decision-making in clinical research and ensures the credibility of study outcomes.

### ***4. Archives***

The site visit concluded with a tour of the archival facility, where essential clinical trial documents and records are securely stored. Students were informed about the importance of document management, data security, and long-term record retention for audits, inspections, and regulatory compliance.

### **Outcome of the Visit**

The industrial visit provided valuable practical exposure to clinical research activities and strengthened students' understanding of clinical trials, quality assurance, and bioanalysis. Interaction with industry experts helped bridge the gap between academic learning and real-world applications. The visit enhanced students' professional awareness and motivated them to explore careers in clinical research, pharmacology, and quality assurance.

### **Impact of the Industrial Visit**

The industrial visit to GLOGEN Clinical Research Pvt. Ltd. had a positive academic and professional impact on the participating students. The visit helped students understand the practical functioning of a Clinical Research Organization, which cannot be fully gained through classroom teaching alone.

Students were able to clearly connect theoretical concepts such as clinical trial phases, bioavailability and bioequivalence studies, pharmacokinetics, quality assurance, and regulatory submissions with real-time industry practices. Exposure to advanced instruments like LC-MS/MS and HPLC improved their technical awareness and understanding of bioanalytical methods.



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The interaction with industry experts enhanced students' knowledge of regulatory requirements, ethical practices, and Good Clinical Practice guidelines. It also improved their awareness of career opportunities in clinical research, quality assurance, bioanalysis, and pharmacovigilance.

The visit strengthened students' confidence, professional outlook, and readiness for industry-oriented research and higher studies. Overall, the industrial visit successfully bridged the gap between academic learning and industry expectations and contributed to the holistic development of students.



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Interaction of Dr. Ravinder babu with students during visit on 21-01-26



Interaction of Dr. Prasad Krishna with students during visit on 21-01-26





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Visit to Bioanalytical facility with students during visit on 21-01-26



Visit to Clinical Facility with students during visit on 21-01-26



Interaction of Dr. Ravinder babu with students about archives during visit



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Group photo with Dr. Ravinder babu and Department of pharm Analysis students during visit on 21-01-26



Group photo with Dr. Ravinder babu and Department of pharmacology students during visit on 21-01-26



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**Students visited the facility**

**Department of Pharmacology**

<b>S. No.</b>	<b>Roll Number</b>	<b>Student Name</b>
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1	1704-25-887-001	A. Hari Karthik	<i>AHK</i>
2	1704-25-887-002	B. Vaishnavi	<i>Vaishnavi</i>
3	1704-25-887-004	K. Sudha Rani	<i>K. Sudha Rani</i>
4	1704-25-887-005	K. Ramu	<i>Ram</i>
5	1704-25-887-006	K. Sravya Sree	<i>K. Sravya Sree</i>
6	1704-25-887-007	M. Kavya	<i>M. Kavya</i>
7	1704-25-887-008	R. Krisha Sree	<i>R. Krisha Sree</i>
8	1704-25-887-009	S. R. Shriya Vaishnavi	<i>Shriya</i>
9	1704-25-887-010	Shaik Rizwan	<i>Rizwan</i>
10	1704-25-887-011	T. Ruchitha	<i>Ruchitha</i>
11	1704-25-887-012	T. Priyanka	<i>T. Priyanka</i>



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Department of Pharmaceutical Analysis:

S. No. Roll Number      Student Name

1	1704-25-885-001	Dugane Ashok	<u>Ashok</u>
2	1704-25-885-002	Kummaru Akhil Varun	<u>Akhil Varun</u>
3	1704-25-885-004	Mettu Komalika	<u>Komalika</u>
4	1704-25-885-005	P. Tharaka	<u>P. Tharaka</u>
5	1704-25-885-006	Rafya Sultana	<u>Rafya</u>
6	1704-25-885-007	Srija Patwari	<u>Srija</u>
7	1704-25-885-008	Syeda Nudrath Fatima	<u>Nudrath.</u>
8	1704-25-885-009	Vallapu Layasree	<u>V. Layasree.</u>
9	1704-25-885-010	Zeenath	<u>Zeenath.</u>