

SMITA PANDEY

Kanpur, Uttar Pradesh

6394756684

smita20012001@gmail.com



Enthusiastic and dedicated, I am a committed individual with a three-year Master's degree in Medical Microbiology. I am seeking a dynamic role where I can leverage my knowledge.

Experience

- **GD Goenka Healthcare Academy, Ghazipur (May 2025- Present)**

Assistant professor – BMLT & DMLT

Delivering lectures and practical demonstrations in subjects such as Anatomy, Physiology, Clinical Biochemistry, and Microbiology. Design lesson plans and lab manuals, supervising practical sessions, maintaining laboratory setups, guide students in documentation and report writing, participating in departmental meetings for curriculum development, and promoting professional ethics and teamwork among students.

- **CSIR-CDRI, Lucknow (2 Years 4 months)**

Project Staff - Department of Experimental and Clinical Medicine

Conducting laboratory experiments and research according to SOPs, under the supervision of seniors/scientists. Handling of biological instruments- U-HPLC, ELISA, PCR, Gel Electrophoresis, Biochemistry analyzer, Hematology analyzer Microscope etc. Quality control and calibrations of instruments. Buffer and stock solution and dilutions preparation and maintenance of reagents and equipment. Collection analysis and maintenance of result data. Documentation of the NABL lab. Ensured accurate and timely reporting of the test results related to the research project.

Projects

- **ICMR-“Centre for product development”**

My role included assisting in designing and conducting laboratory-based experiments, maintaining research records, analyzing data using scientific tools, and ensuring adherence to research protocols and ethical guidelines.

- **Prevalence of HBsAg positive cases in a tertiary care teaching Institute.**

I completed a research project in the dissertation period during my master in which I showed the all-over prevalence of HBsAg Infectious patients during five years with their demographic details using appropriate statistics.

Publications

- Study research protocol for Phenome India-Csir health cohort knowledgebase: A prospective multi-modal follow-up study on a nationwide employee cohort.
<https://doi.org/10.1093/biomethods/bpaf061>
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Education

- **MSc In Medical Microbiology**
(2021-2024)
Integral University, Lucknow
 - **BSc In Medical Microbiology**
(2018-2021)
Chhatrapati Shahu Ji Maharaj University, Kanpur
 - **Intermediate**
(2018)
Vidhyut Parishad Intermediate College, Kanpur
 - **High School**
(2016)
Vidhyut Parishad Intermediate College, Kanpur
 - **Diploma In Computer Application**
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Skills

Instrumental Skills

- HPLC • ELISA • PCR • Gel Electrophoresis • Microscope
- HbA1c Analyzer • Biochemistry and Hematology Analyzer

Technical Skills

- Teaching • Research • Laboratory Equipment Operation
 - Experimental techniques • Quality Control
 - Data analytics • Safety and Biohazard Handling
 - Computer Proficiency
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Workshop and Conference

- SARS Cov-2 and hyper active immune system.
- International Conference on Wellness - 2019
- Role of culture education & health in building a new India & felicitation ceremony.
- Role of laboratory technologies in validation, verification and uncertainty

measurement.

- Mindray chemistry academy webinar - Pre analytical errors in laboratory.
 - Evolving perspectives of COVID-19: Health and Global landscape.
 - COVID-19: Health Aspects and life style.
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Personal Information

Date of birth: 15/01/2003

Gender: Female

Marital Status: Unmarried