

SHWETA SINGH

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Location: Lucknow, Uttar Pradesh

CAREER OBJECTIVE

Motivated and detail-oriented postgraduate in Medical Microbiology with strong academic, diagnostic, and research background. Seeking a teaching or diagnostic microbiologist role in a reputed medical college to contribute to academics, laboratory diagnostics, and public health.

EDUCATIONAL QUALIFICATIONS

Master of Science :(Medical Microbiology)

Integral University, Lucknow

Year: 2025 | Division: First Division

CGT: 1187/1950

Thesis Title: Study of Seroprevalence and Risk Factors of Hepatitis B Infection among Patients at Tertiary Care Hospital, Lucknow

Guide: Dr. Sana Jamali, HOD, Dept. of Microbiology, IIMSR

Bachelor of Science (B.Sc. - Biology)

Pt. Rajan Mahila Degree College, Basti (Affiliated to Siddharth University)

Year: 2022 | Division: First Division

Marks: 1282 / 1800

Subjects: Zoology, Botany, Chemistry

TECHNICAL SKILLS

- Microbiological Staining (Gram, ZN, LPCB)
- Culture techniques: Blood, MacConkey, Sabouraud's agar
- ELISA, HEPACARD testing (HBsAg detection)
- Sample collection & aseptic processing

- Antibiotic Sensitivity Testing (AST)
- Mycology techniques (KOH, LPCB mounts)
- Knowledge of Biosafety and Laboratory QA/QC

RESEARCH EXPERIENCE

M.Sc. Thesis Research

Integral Institute of Medical Sciences & Research, Lucknow

TITLE: Risk Factors of Hepatitis B Among Patients at a Tertiary Care Hospital

- Screened 1034 patients for HBsAg
- Found overall HBV seroprevalence of 2.32%
- Gender-based and age-based analysis conducted
- Highlighted public health strategies needed for HBV prevention

INTERNSHIP / PRACTICAL EXPOSURE

Department of Microbiology, IIMSR, Lucknow

- Exposure to clinical sample testing (blood, urine, sputum, swabs)
- Serology, Virology, Bacteriology, and Parasitology lab work
- Supervised by senior faculty and microbiologists

COMPUTER PROFICIENCY

- MS Office (Word, Excel, PowerPoint)
- Data handling on MS Excel & basic statistical interpretation (SPSS knowledge)
- Comfortable using internet-based reference tools (PubMed, Google Scholar)

LANGUAGES KNOWN : Hindi and English

STRENGTHS & ATTRIBUTES

- Strong theoretical knowledge with practical lab handling

- Good communication and presentation skills
- Capable of teaching undergraduate and paramedical students
- Punctual, organized, and team-oriented

ACHIEVEMENTS

- Completed M.Sc. dissertation project with real patient-based analysis
- First Division in both B.Sc. and M.Sc.
- Successfully worked under guidance of HOD in microbiology department

REFERENCES

Available on request

Shweta singh

Place : Lucknow