

Mr. ANIL G. YADAV

Address- Nagpur

Mo. No. 9112792375

E-mail-: yadavanil911279@gmail.com

Dedicated Microbiology professional with Master's degree in Microbiology qualification and hands-on experience in biomedical research. Seeking to leverage microbiology diagnostics expertise and laboratory skills to contribute to innovative biomedical research initiatives.

Young, energetic and result oriented professional with good academic and microbiology background.

Laboratory Experience

Project Technical Support III

(Jan 2025 to Present)

ICMR- Centre for Research, Management and Control of Haemoglobinopathies

Contribute as a part of ICMR-CRMCH & Industry collaborative project on Sickle Cell Disease

- **Haematological & Biochemical Analysis:** Conduct CBC and HPLC for hemoglobin variant analysis, alongside LFT and KFT for complete patient biochemical profiling
- **Immunological Analysis:** Execute lymphocyte subset sorting using flow cytometry to characterize immune system parameters in study participants
- **Laboratory Management:** Maintain stringent quality control standards, followed established SOPs, and ensured accurate documentation throughout all experimental procedures

Microbiology Technician

Dhruv Molecular & Microbiology lab

(Jun 2024 to Jan 2025)

- Performed routine microbiological testing on patient samples including urine, blood, stool, and wound swabs.
- Identified pathogenic microorganisms using biochemical tests, Gram staining, and culture methods.
- Conducted antimicrobial susceptibility testing using the Kirby-Bauer disc diffusion method.

Senior Pathology Technician

Nandini Multispecialty hospital Pathology

(Aug 2022 to Jun 2024)

- Processed and prepared blood, urine, and other body fluid specimens for hematology, microbiology, and clinical chemistry analysis.
- Performed routine lab tests including CBC, CRP, Thyroid, KFT, LFT urinalysis, and coagulation studies.
- Maintained strict adherence to CLIA and CAP regulations to ensure quality and accuracy of results.
- Operated and calibrated laboratory equipment such as centrifuges, hematology analyzers, and microscopes.

Master's Thesis Research

(Jan 2024 to May 2024)

Isolation and identification antibiotic susceptibility of pathogen from urine samples in pregnant women in Nagpur area.

Skills

Laboratory techniques

- **Analytical Methods:** HPLC, Spectrophotometry, Atomic absorption spectrometry, Flow cytometry
- **Clinical Diagnostics:** CBC cell counter, Automated biochemical analyzer
- **Microbiology:** Media preparation, Bacterial isolation, Staining techniques, Biochemical tests, Fungal culture preparation •
- **Cell Culture:** Animal cell culture, Plant tissue culture

Software & Digital tools

- Microsoft Office Suite (Excel, PowerPoint, Word)
 - Data analysis and Presentation
 - Digital content creation (Canva)
 - Laboratory data management systems
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Education

Master's of Science in Microbiology

Taywade College RTMNU, Nagpur, Maharashtra| 2022-2024

Percentage: 60.36%

Bachelor's of Science in Microbiology

Taywade College RTMNU, Nagpur, Maharashtra| 2019-2022

Percentage: 70.00%

Diploma in Medical Laboratory Technician (MLT), Grade: B

Certifications

- PCR workshop oct-2023
- Microbial laboratory technician -2023
- National conference on biotechnology -2023

Capabilities

- Sincere and hard working with never let it go attitude.
 - Can get along well in a team.
 - Comprehensive problem solving abilities
 - Positive attitude and ambitious
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Declaration

I hereby declare that the information furnished above is true to the best of my knowledge and belief.

Place: NAGPUR

(Mr. ANIL YADAV)

Date: / /