

AJAY UNIYAL
House no.9/12
Shakti Vihaar
(near polytechnic)
Srinagar(garhwal)
Uttarakhand

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Career Objective

To ensure a responsible and a challenging position and apply knowledge and technical skills for organizational and professional advancement to sustain any pressurized environment.

Work Experience

- Currently working as Assistant Professor in Paramedical department in **BFIT Dehradun**.
- Worked as technologist in microbiology department in **Veer Chandra Singh Garhwal Medical College and research** since 27th november 2009 till July 2022.
- Worked as a microbiologist as well as a QC Chemist in **Psychotropics India Ltd Haridwar** for 8 months in 2007.
- Worked as a microbiologist **Russan Pharma, Dehradun**.
- Worked as a job trainee in **Govt. hospital Srinagar garhwal** and **Sant Parmanand hospital New Delhi** in year 2004.
- Worked as a job trainee in **Ranbaxy Research Laboratories** for 4 months since from 6th feb 2007 to 6th june 2007.

Scholastic Profile

Professional

- Ph.D from Uttarakhand Technical University in Microbiology;
Title: "To Study The Prevalence And Antimicrobial Susceptibility Pattern Of Staphylococcus aureus In Garhwal Region."
- MSc. Microbiology from H.N.B Garhwal University, Chauras Campus(Uttarakhand) with Ist Division.
- BSc. Pathology from Sardar Bhagwan Singh(PG) institute of biomedical science and research, balawala, Dehradun(H.N.B Garhwal University) Uttarakhand with Ist Division.

Additional Qualification

- Having Basic Knowledge of computer application and internet.
- Six months training certificate of computer application from Govt.Polytechnic Srinagar Garhwal.

Publications

1. Study of the prevalence and antimicroantimicrobial Susceptibility Patterns of *Staphylococcus aureus* in Garhwal Region, India IN International Journal of Advance Research and Innovation Volume 5 Issue 3 (2017) 304-306.
2. A Review Study on Various Anti-Microbial Susceptibility Patterns of *Staphylococcus aureus* IN Saudi Journal of Pathology and Microbiology ISSN 2518-3370 (Online).
3. Novel approach on Pervasiveness and antimicrobial Proneness Patterns of *Staphylococcus aureus* IN Journal of Xi'an University of Architecture & Technology Volume XII, Issue VII, 2020(SCOPUS).
4. Antibiotic Sensitive And Resistant Proneness Of *S.aureus* In Pus And Blood Cultures IN Journal of Xi'an University of Architecture & Technology Volume XII, Issue VIII,2020(SCOPUS).
5. CBNAAT: An Efficient Approach For Diagnosis Of Tuberculosis, Journal of Xi'an University of Architecture & Technology, (SCOPUS)(accepted).

Work Profile

- Working Knowledge of MIC (minimal inhibitory concentration),MBC, MLT. and antimicrobial susceptibility of Drugs by disc diffusion method ,PET and biochemical testing of various samples and antimicrobial testing of Drugs by micro broth dilution method.
- Testing of Raw material and Finished goods.
- Working knowledge of microbiological assay such as vitB12,Lactic acid bacillus, calcium d pantheonate and antibiotic assay of drugs.
- Microbiological analysis of water by membrane filter tech and by direct method.
- Maintenance, handling and calibration of instruments such as incubator, LAF, autoclave etc.
- Chemical analysis of water.
- Handling of instruments such as DR, DT,UV, polarimeter etc.
- Environmental monitoring of various production area.
- Fumigation by fumigator and KMNO4.
- Proper documentation.

Clinical Experience

BACTERIOLOGY

- Blood Cultures by bactech and manual method.
- Cultures of tuberculosis by MGIT and CBNAAT.
- Cultures of pus, CSF, Pleural fluid, urine, Anaerobic cultures, etc.
- Proper collection, fumigation and monitoring of O.T.
- Preparation of biochemicals and culture media.

- Knowledge of performing biochemical testing(OF, Manitol motility, Urease, TSI, Citrate, coagulase and catalase) and antimicrobial susceptibility testing.
- Collection of fungal samples by scrapping and culture, and their identification by KOH Mount.
- Staining of PSMP by Leishmans stain and thereafter identification of Malaria Parasite by PSMP.

SEROLOGY

- Collection of blood samples.
- Testing of HIV, HEPATITIS (B, C), Malarial antigen, Typhoid and VDRL, CRP and RA by rapid card test method.
- Testing of Typhoid Fever by WIDAL (by slide agglutination and by tube dilution method).
- Testing of ANA profile, TORCH profile, HeV and HAV by ELISA technique.
- Proper reporting.

Hobbies

- To gain more knowledge from every possible resource.
- Travelling
- Playing outdoor/indoor games.

Personal Profile

Date of Birth : 25/06/1983
Father's Name : Mr.M.P Uniyal
Mother's Name :Mrs.Vijaylaxmi Uniyal
Gender : Male
Nationality : Indian
Languages Proficiency: English,Hindi.
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I certify that the information given above is true to the best of my knowledge.

(Ajay Uniyal)
