**AYUSHI SHARMA **

**ADDRESS-** HNO.276, STREET NO.9, LAJPATNAGAR NAGAR, BAREILLY (243122 UTTAR PRADESH),INDIA

**CONTACT NO**- 9690787985

**DATE OF BIRTH-** 23-06-1998

**EMAIL ID**- ayushisharma23june@gmail.com

**EDUCATIONAL QUALIFICATIONS -**

* **High school** from **Delhi Public School Bareilly**
* **Intermediate** from **Delhi Public School,Bareilly**
* **B.Sc. Biotechnology** from **Mahatma Jyotiba Phule Rohilkhand University,Bareilly**
* **M.Sc. Microbiology** from **Chaudhary Charan Singh University, Meerut**
* Worked at **INDIAN VETERINARY RESEARCH INSTITUTE Izzatnagar** in Virus Handling and Cell culturing and Vero Cell Lines Workshop.
* Worked at **G.B.Pant Agriculture University Pantnagar** did Internship in Molecular Techniques, Instrumentation and Bioinformatics.
* Worked at **CRYOVIVA Stem Cell Organisation** for about an year in Gurgaon, Haryana.
* **Worked at** Medical Institution about 2 years as Research Associate
* **Worked at M.J.P Rohilkhand University ,Bareilly,Uttar Pradesh for 2 Years as Guest Faculty**
* **ACCOMPLISHMENT:**
* **Currently worked on : “Isolation and Identification of Microorganisms from Street vended juices” as my Project work for 6 months under supervision of Dr. Laxman Nagar (M.Sc,M.Phil,P.hD)Assitant Professor Dept. Of Microbiology C.C.S University**
* **Worked on a Review Paper on” Swachh Bharat Mission”**
* Attendent a Workshop “ **On hand training of cell culture and virus handling**” **on *Indian Veterinary Research Institute*, Bareilly and worked at Animal Houses.**
* Attended a Webinar on “**Tools and Techniques in Biotechnology**’’during **COVID-19CRISIS**
* Attended a biotechnika organized Webinar on “ **Can India Solve Farmers Plight and becomes Food Bowl of the World ’’** during **COVID19** Crisis
* National Seminar on- Molecular Biology and Gene Therapy as Poster Presenter
* Worked as 2 months Trainee in ***G. B. Pant Agriculture University***, Pantagar
* Inter College Debate Competition Winner in ‘**Indian Veterinary Research Institute’**, Bareilly
* Interschool Quiz Competition Winner in ‘Sri Ram Murti Samark College’, Bareilly
* All India Essay Writing Competition Runner up
* Volunteering in NSS worker For 1 Year
* Oral Presenter in National Conference in Biotechnology Department
* Participated in Inter College Debate Competition
* Participated in Inter DPS Level Science Olympiad
* Participated in Inter School Quiz Competition
* Participated in Inter School Extempore Winner in Jaysees Week, Bareilly
* Participated in Inter School Volleyball Player in School
* Participated in Inter College Extempore Competition
* Participated in Inter Universities Extempore Competition
* **COMPUTER LITERACY**
* MS-Word, PowerPoint, Excel
* FASTA, BLAST
* NCBI
* Protein Database
* Drug Design
* **TECHNICAL EXPERIENCE**

**Molecular Biology & Cell Biology Techniques**

* DNA and RNA isolation from different methods
* Protein isolation from different methods
* SDS PAGE and Agarose Gel Electrophoresis
* Polymerase Chain Reaction (PCR)
* Quantification and Handling of Instruments
* Protein purification
* Enzymatic Assays
* Antioxidant Activity

* **Microbiological Techniques:**
* Tissue cultures
* Animal Cell culture and Virus Cell lines
* Microorganism Culture
* Cell staining and Gram staining
* **Immunological Techniques:**
* ELISA
* Dot Blot assay
* **Instrumentation:**
* UV–Visible (UV–Vis) spectrophotometer
* Fourier-Transform Infrared spectroscopy (FTIR)
* X-ray photoelectron spectroscopy (XPS)
* energy dispersive X-ray spectroscopy (EDS),
* Scanning Electron Microscopy (SEM)
* Transmission Electron Microscopy (TEM)
* Selected Area Electron Diffraction (SAED)
* X-Ray Diffractometer (XRD)
* PCR machine
* Centrifuge
* **OBJECTIVE**:

Professional towards my work and my duty to perform well and maintain level of communication and make it worth while.

Aim to attain growth through a continuous learning process .A strong desire to quench my thrust in terms of Knowledge through a constructive and progressive research. Seeking an opportunity to enrich my skills in the Field of Life sciences and Technology so as to become an integral part of “One Health” can fulfill the niche for making world a better place to live in. I follow my Heart and give my field the Best of my Abilities and Diligence.

* **REFERENCES:**
* Dr.Amresh Kumar (Director General) Graduate of G.B Pant Nagar University, Ph.D Illinious University, USA, V.C G.B Pantnagar university
* Prof. Y.Vimala (ProV.C) Chaudhary Charan Singh University, Meerut ,Email [ID-Y.vimala@gmail.com](mailto:ID-Y.vimala@gmail.com).
* Dr Nisha Kumari Mishra (Ph.D,NET,MBA,B.ED)HOD Biotechnology,MJPRU Email:drnishakumarimishra@gmail.com
* Dr.Devendra Chaudhary (HOD) Department of Microbiology(M.Sc and Phd from ICAR- IARI ,Pusa

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