

GARIMA BHARDWAJ

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Bijwasan, New Delhi

EDUCATION

Amity University, Noida 2019 – 2024
Integrated B. Tech – M. Tech in Biotechnology 8.50 CGPA

SKILLS

Technical skills

- **Languages:** Python, R, C++
- **Softwares:** Tableau, PowerBI, RStudio, SAS
- **Lib/Frameworks:** NumPy, Pandas
- **Others:** Data visualization, MS Office suite, Advanced Excel, Market Analysis (Primary & Secondary), Statistical Analysis.

Soft Skills

- Communication (English Proficiency)
- Problem solving skills
- Leadership skills
- Emotional Intelligence

INTERNSHIPS AND EXPERIENCES

DRDO – Research Intern Jan 24 – April 24

- Research conducted on topic “A Study Based on Forensic Bioinformatics Tools for the Evaluation of Immunohistological Examination of Bioaccumulation of Uranium Orally Administrated to the SD Rats”
- Integrated Next-Generation Sequencing (NGS) and Machine Learning were used to improve forensic toxicology, focusing on uranium bioaccumulation in Sprague Dawley rats.

St. Stephen College, DU – Research Intern, India May 23 - June 23

- Research conducted on piperidine derivatives to study its antimicrobial activity as an agent.
- This study involves investigating the potential of these compound to inhibit the growth or kill microorganisms such as bacteria, fungi or viruses.

NextGen Lifesciences Pvt. Ltd. Research Intern, India Feb 23- May 23

- Research conducted on Drug target network analysis for cervical cancer using R and data analysis skills to perform data mining and sorting.
- Developed a Gene expression network model of a targeted drug site which will leads to the discovery of drugs to cure the disease.

VOLUNTEERING EXPERIENCE

- Participated in February 2020 in International Symposium on **Cancer Prevention and Treatment at Jawahar Lal Nehru University, New Delhi**
- Participated in March 2020 **Breast Cancer Symposium (SABCS) organized by Rajiv Gandhi Cancer Institute at Raddison Blu, New Delhi**
- Core member at **Entrepreneurship cell along with IIC of AIB.**

ACHIEVEMENTS

Research project under the faculty guide at Amity University, Noida.

- Gupta P., Bhardwaj G., Dubey S., Tayal T., et al (2023). Genomic Insights into Infertility using Neural Network (Manuscript Accepted)
- Gupta P., Bhardwaj G., Dubey S., Tayal T., et al (2023). Book Chapter - AI-Enabled Process Optimization for Sustainable Wastewater Treatment Solutions (Manuscript Accepted).

CERTIFICATIONS

- **Google Data Analytics professional certification course from Coursera.**
- **Data Analytics and Visualization Job Simulation Certification from Accenture NA.**