



# Sahil Rana

Aspiring Zoologist

## My Contact

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## Summary

Well organized, creative, goal oriented, result driven having good analytical and technical skills. Having expertise in MS office, Mat Lab, laboratory techniques like Electrophoresis, chromatography and ELISA techniques. Collaborative and cooperative mentality, adaptive to any work environment. Will use these skills to become an asset for the company.

## Technical Skills

Laboratory equipment

- Microscope
- ELISA reader
- Neubauer chamber

Techniques

- Complete blood count
- Electrophoresis
- Antigen-antibody interaction

Programming language

- Mat Lab

MS office

- Excel
- Word
- Power point

## Power Skills

- Comfortable working in a team.
- Values imaginative and innovation.
- Inquisitively solves problems.
- Keen learner who is open for changes.

## Extra Curricular Activities

- Poster Presentation in International Conference on Microbial Bioprospecting Towards Sustainable Development Goals | Nov' 2023
- Workshop on combatting microplastic challenges in the global context|Apr'23
- IP Awareness /Training program Under National Intellectual Property Awareness Mission|Apr'23

## Project

- **Role of Artificial intelligence in biodiversity conservation**  
| Feb 2023- ongoing.
- **Summary:** The project explores the application of AI in biodiversity conservation, utilizing technologies such as drones, image recognition, and predictive modeling to enhance data collection, species identification, and proactive conservation strategies.
- AI-driven wildlife monitoring and anti-poaching efforts are employed to track species movement, detect illegal activities, and protect endangered wildlife more effectively.
- Public engagement initiatives using AI tools raise awareness about biodiversity conservation, encouraging behavioral changes and fostering global support for preservation efforts.
- **Study of Ecology and Behavior in Mahendra Chaudhary Zoological Park** | June 2023- ongoing.
- **Summary:** The project on the study of ecology and behavior of carnivores in Mahendra Chaudhary Zoological Park focuses on understanding the ecological dynamics and behavioral patterns of carnivorous species within the park's ecosystem.
- The study likely involves extensive field research, data collection, and analysis to examine various aspects such as habitat preferences, feeding habits, social structures, territorial behaviors, and interactions with other species.
- The ultimate goal of such a project is to gain insights that can inform conservation efforts, management strategies, and the overall well-being of carnivores and their habitats within the zoo environment.

## Certifications

- Basic of Extracellular vesicles| Coursera  
December '22
- Analytical Excel Certification Program| Grant Thornton Bharat LLP |  
July'23

## Education

- Master of Science (Zoology)  
Lovely Professional University|  
Phagwara, IN  
CGPA 8.35  
Jul'22 - Present
- Bachelors Of Science (Zoology)  
Netaji Subhash Chandra Bose Memorial College  
| Hamirpur, H.P.  
CGPA 8.34  
Jul'19 - Aug'22