

SHIVANGI SANGRAI



PERSONAL DETAILS

Permanent address Village henja post office bhawarna tehsil palampur district kangra HP currently in Chandigarh, 176083 Palampur(Bhawarna)

shivangisan2000@gmail.com, 7650835047

Date of birth: October 20, 2000

Place of birth: Delhi (ESI hospital)

Driver's license: HP 37 20220001794

Gender: Female

Nationality: Indian

LinkedIn: [linkedin.com/in/shivangi-sangrai-a35aa0282](https://www.linkedin.com/in/shivangi-sangrai-a35aa0282)

EDUCATION

Nursery to Higher school Diploma

Apr 2004 – May 2018

Neugal public school,, Bhawarna

- Gained comprehensive understanding of educational curriculum frameworks from nursery to higher education, enhancing ability to adapt teaching methods for diverse learner needs.

B.Sc. honours in Biotechnology (life science)

Jul 2018 – Jul 2021

PSR govt college under Himanchal Pradesh University, Baijnath

Gained experience in laboratory safety protocols and Good Laboratory Practices (GLP), ensuring compliance and quality in scientific research and development activities.

- Acquired extensive knowledge in the principles and techniques of electrophoresis, particularly focusing on gel electrophoresis methods for the separation and analysis of biomolecules, crucial for genetic research and protein analysis.

M.Sc. in Bioinformatics (life science)

Nov 2022 – Aug 2024

Central University of Himachal Pradesh, Shahpur (Kangra)

- Gained expertise in molecular modeling and simulations, aiding in the understanding of biological macromolecules and their interactions.
- Acquired in-depth knowledge of bioinformatics methodologies for the analysis and interpretation of complex biological data sets, allowing for innovative solutions in research and development.

SKILLS

Laboratory Safety Protocols

Good Laboratory Practices (GLP)

Research Methodology

Electrophoresis Techniques

Scientific Reporting

Biotechnology Knowledge

Laboratory Techniques

DNA extraction

Gel electrophoresis

Python

Md simulations Structure prediction analysis
Research skill Scientific Writing skill NGS next
generation sequencing Structure modelling
Structure prediction CADD Ms Excel, Mspowerpoint
presentation, Ms word Bioinformatics Presentation
skills Literature review Molecular biology
Biotechnology Project management Wet lab
techniques Collaboration and teamwork Research
methodology

LANGUAGES

Hindi, English, pahari

HOBBIES

- Reading,, singing,, traveling, cooking, reading
books, writing quotes, nature ,exploring etc

Palampur(Bhawarna)

Shivangi Sangrai

QUALITIES

- Good communicator Troubleshooting Helpful
Discipline Honestly Courage Humble
Confidence

CERTIFICATES

Certificate of participation in conference poster presentation

Jul 2024

Certificate of participation attending workshop on chatgpt

Aug 2024

- Certificate of Participation in ChatGPT Workshop: Engaged in discussions on ethical considerations of AI applications in scientific research.

Certificate of internship/training in bioinformatics

Oct 2024

- Contributed to team-based research projects, collaborating with biologists to bridge the gap between experimental and computational biology.

INTERSHIPS

**CSIR – Institute of Himalayan Bioresource Technology,
Palampur**

Jul 2024 – Oct 2024

trainee, Palampur, Himachal Pradesh