



KUMARI SIMRAN

M.Sc. | SEED SCIENCE & TECHNOLOGY

My Contact

✉ sangeetasimran1999@gmail.com

☎ +916203320305

📍 Rasulpur, Rohtas, Bihar

🌐 <https://www.linkedin.com/in/simran-kumari-8b3b89244>

Skills

- Microsoft Word
- Microsoft Excel
- Power Point
- Photography
- Public Speaking

Interests

- Book Reading
- Plantation
- Canvas Painting
- Travelling
- Cooking

Education Background

- M.Sc. | Seed Science & Technology
Chaudhary Charan Singh University, Meerut
2023 - 2025 B.Sc. |
- Agriculture (Hons.)
Sai Nath University, Ranchi
2018 - 2022
- Intermediate (12th)
Sri Sai School, Bokaro
2015 - 2017
- S.S.C (10th)
GEMS English School, Dehri on Sone
2015

About Me

Passionate and dedicated postgraduate (M.Sc. in Seed Science and Technology) with strong expertise in seed biology, genetics, and crop improvement. Driven to contribute to agricultural innovation and sustainability through cutting-edge research and practical applications. Committed to leveraging academic knowledge and hands-on skills to enhance seed technology and support global food security.

Experience

Bihar State Seed & Organic Certification Agency (Krishi Bhawan), Patna | Dissertation

October 2024 – March 2025

Key learnings:

- Worked on DNA extraction and isolation.
- Performed PCR and RFLP techniques. Performed horizontal and vertical gel electrophoresis. Made a list of polymorphic markers.
- Examined soil samples, calculated seed rates and obtained seed purity.

Rural Agricultural Work Experience (RAWE) | Trainee

August 2021 – October 2021

Key learnings:

- Participatory Rural Appraisal - Village Survey
- Implemented agronomic interventions
- Worked on soil improvement interventions
- Gathered information about extension and transfer of technology activities

Jharkhand State Fishery Department | Aquaculture Trainee

August 2019 – September 2019

Key learnings:

Implemented best practices for feeding, breeding, and harvesting, resulting in a 15% increase in overall productivity. Developed and executed sustainable aquaculture practices to minimize environmental impact and promote resource efficiency. Successfully reduced water usage by 20% and improved waste management through innovative recycling methods. Conducted research on improving aquaculture techniques, focusing on disease prevention, growth rates, and nutritional needs of aquatic species. Managed daily operations of aquaculture facilities, ensuring optimal conditions for the cultivation of fish and other aquatic species.