

Vipin Nautiyal

Biochemist | NSDC-Certified Trainer | Public Health & Skill Development Expert

Designation : Biochemist & Tutor
Organization: DNA Labs- CRIS (Centre for Research and Innovative Studies), Dehradun, Uttarakhand
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Professional Summary

Highly skilled **Biochemist and NSDC-Certified Trainer** with expertise in diagnostics, molecular biology, and skill development programs. Experienced in organizing and serving as a resource person for numerous national and international workshops, conferences, and hands-on training programs. Proven ability to collaborate with key government bodies, including **UCOST, UCB, USERC, and the Food & Drug Administration (FDA)**, to implement essential public health and science popularization initiatives across Uttarakhand and Northern India.

Awards and Recognition

- **Resource Person Recognition:** Served as a Resource person for the 01-Day seminar "Science on wheels" sponsored by the **Uttarakhand Science Education Research Centre (USERC), Department of Science & Technology, Govt. of Uttarakhand** (March 2023).
- **Key Contribution to Public Health:** Worked as a Food Analyst for the **Food & Drug Administration (FDA)**'s "Food Safety on Wheels" project, contributing to public food safety initiatives (March 2024).

Education

Degree	Course	Board/College/University	Year
M.Sc.	Biochemistry	H.N.B. Garhwal University , Srinagar Garhwal	2020
B.Sc.	Chemistry, Botany, Zoology (CBZ)	H.N.B. Garhwal University, Srinagar Garhwal	2013
Intermediate (10+2)	Physics, Chemistry, Biology (PCB)	Uttarakhand Board for Secondary Education, Ramnagar ,Nainital	2010
High School (10th)	General Subjects	Uttarakhand Board for Secondary Education, Ramnagar Nainital	2007

Professional Experience

Biochemist & Trainer (DNA Labs- CRIS (Centre for Research and Innovative Studies), Dehradun, Uttarakhand)

- Serve as a certified trainer for **Skilled Development Programs** under the **Uttarakhand Skill Development Mission (UKSDM)** and **NSDC, Govt. of India**, contributing to workforce advancement in biotechnology and health sectors.
- Spearhead the organization of numerous National Workshops, Conferences, and Hands-on Training Programs, securing support from prominent government and academic bodies.

Key Projects & Govt. Funded/Supported Initiatives

Skill Development, Training, and Science Popularization Program (Uttarakhand)

Project/Program	Role	Sponsoring/Supporting Body	Year
Skilled Development Programs	Trainer	Uttarakhand Skill Development Mission (UKSDM), NSDC, Govt. of India	Ongoing
"Quality Management Systems in Laboratories" Workshop	Organizer	Uttarakhand State Council for Science & Technology (UCOST)	Jan 2024
"Science on wheels" Seminar	Resource Person	USERC, Deptt. Of Science & Technology, Govt. of Uttarakhand	Mar 2023
"Biotechnology and its Applications in Disease Diagnosis" Conference	Organizer	Uttarakhand Council for Biotechnology (UCB)	May 2022

Community Outreach: Health, Safety, and Rural Engagement

- **Public Safety Initiative - "Food Safety on Wheels":** Worked as a **Food Analyst** for the Food & Drug Administration (FDA)'s project "Food Safety on Wheels" from March 20th to 31st, 2024.
- **Rural Education - "Science on wheels":** Served as a **Resource Person** for a 01-Day seminar "Science on wheels" held at a **Govt. primary school in Sahitya, Dehradun, Uttarakhand**. This program, sponsored by **USERC**, supports the expansion of science awareness in rural government schools across the region.
- **Science Popularization Programs (SPP):** Organized "Science Popularization Programs (SPP)" at educational institutions including Guru Nanak Khalsa College, Haryana, and DAV College, UP.

Workshops and Hands-on Training Programs Organized

Demonstrated ability to conceptualize, organize, and execute high-impact training events in collaboration with academic and research institutions (2018-2025).

Program Title and Scope	Collaborators/Venue	Date
"Tools and Techniques in Genome Based Evidence and its Application in Forensic Science" (01 Week National Workshop Cum Hands-on Training)	DNA Labs- CRIS, Dehradun, Uttarakhand	Feb 2025
"PCR and its Application in Disease Diagnosis" (01 Day Workshop Cum Hands-on Training)	DNA Labs- CRIS, Dehradun, Uttarakhand	Feb 2025
"Instrumentations in Molecular biology, RDT, Proteomics & Bioinformatics" (03 Days Workshop)	M B PG College, Haldwani, Nainital, Uttarakhand	Oct 2024
"Pharmaceutical Biotech & Clinical Research" (02 Days National Workshop Cum Training Program)	School of Health Sciences and Technology, UPES, Dehradun, Uttarakhand	Mar 2024

Core Competencies & Technical Skills

Scientific Expertise	Professional Skills	Laboratory Techniques
Molecular Biology & Diagnostics	NSDC Certified Training	PCR and its Applications
Biochemistry & Immunology	Workshop & Conference Organization	RDT (Rapid Diagnostic Tests)
Proteomics & Bioinformatics	Quality Management Systems (NABL, ISO)	Genome-Based Evidence Techniques
Clinical Research & Diagnostics	Science Popularization & Mentorship	Food Analysis & Safety

Declaration

I hereby declare that all the above information is true to best of my knowledge.

(Vipin Nautiyal)