

# VANDANA SHARMA

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## EXPERIENCE

**MARCH 2021**

### **RESEARCH PROJECT ON DIABETES**

Conducted an in-depth research project on diabetes, focusing on its causes, symptoms, and treatment options. Utilized various research methods, including literature review, data analysis, and interviews with medical professionals, to gather comprehensive information.

**JUNE 2021**

### **NCC CAMP PARTICIPANT**

Participated in a 10-day NCC camp, engaging in various military and leadership training exercises. Developed and demonstrated skills in discipline, teamwork, and leadership through rigorous physical and mental challenges.

**JUNE 2024**

### **QUALITY CONTROL INTERN – VERKA DAIRY PLANT, BATHINDA**

Gained hands-on experience in quality analysis of milk and dairy products, including fat, SNF, and acidity testing. Assisted in quality assurance and hygiene monitoring in accordance with standard dairy processing protocols.

**JANUARY – JUNE 2025**

### **RESEARCH PROJECT ON DEVELOPMENT AND EVALUATION OF MILLET-BASED KULFI**

Conducted a research study on the formulation of a millet-based frozen dessert using foxtail millet and proso millet. Evaluated physicochemical, sensory, and functional properties. Performed FTIR analysis and conducted shelf-life studies to assess product stability and quality.

## EDUCATION

**MARCH 2019**

### **12<sup>TH</sup> GRADE, DASMESH PUBLIC SCHOOL FARIDKOT**

Scored 85%

**JUNE 2022**

**BACHELOR OF SCIENCE DEGREE, PUNJAB UNIVERSITY**

Subjects: Botany, Chemistry, Zoology

**JUNE 2025**

**M.Sc. FOOD SCIENCE AND TECHNOLOGY**

MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY, BATHINDA

## **ACADEMIC ACHIEVEMENTS**

- **GOLD MEDALIST** – Msc Food Science & Technology
  
- **GATE Qualified , 2026**

## **CONFERENCES AND WORKSHOPS**

- Participated in National Conference on Food Innovations, Food Allergies and Traditional Foods , Sant Longowal Institute of Engineering and Technology, Longowal - 148106 (Punjab)
  
- National Seminar On Strengthening Farmer Producer Organizations and On-Farm Processing for Sustainable Rural Development : A Step Towards Viksit Bharat 2047 , Department Of Applied Agriculture , Central University of Punjab , Bathinda

## **SKILLS**

- Time management and organizational ability
- Effective Communication – Worked with team of 30 to accomplish highly demanding task.
- Student mentoring and academic guidance
- Experience with microbiological and chemical testing of food products.
- Food product development with focus on functional and millet-based formulations
- Knowledge of food safety standards, quality control, and regulatory guidelines
- Scientific writing and literature review