PRASHANSA SHARMA

Greater Noida, U.P. | ■ prashansasharma6@gmail.com | ■ +91 9599244031

■ LinkedIn: https://www.linkedin.com/in/prashansa-sharma-46687b139

PROFESSIONAL SUMMARY

Dynamic Agriculture & Horticulture Expert with 5+ years of proven success in hydroponics, vertical farming, and sustainable crop production systems. Skilled in managing multi-site projects, developing fertigation systems, and training diverse teams. Adept at agri-tech integration, project execution, and client relationship management. Recognized for driving productivity, optimizing resource efficiency, and delivering impactful training programs for government and corporate clients. Seeking a leadership role in Agri-tech Project Management or Sustainable Farm Operations to contribute to innovation-driven growth.

PROFESSIONAL EXPERIENCE

Project Manager | Agriculture Expert (Feb 2023 – Present)

• Delivered 20+ commercial and institutional projects, including Reliance Jamnagar, Hero MotoCorp, UCOST Dehradun, Sharda University, and KAU Kerala.
• Managed 30+ crop varieties using hydroponics, vertical, and soil-based systems.
• Designed and implemented automation and fertigation systems, optimizing nutrient delivery efficiency.
• Conducted training programs for government officials, entrepreneurs, and agri-startups on IPM, crop production, and fertigation management.
• Authored 200+ project reports and presentations, representing the organization at seminars and agriculture expos.

Site Management Coordinator – R&D; Department (Jan 2022 – Sep 2025)

• Supervised farm operations, greenhouse plantations, and environmental testing.
• Formulated organic fertilizer and insecticide recipes for sustainable crop care.
• Specialized in speed breeding of potato, rice, citrus, and grafting techniques.
• Trained field staff and coordinated visitor management and demonstration programs.

Agriculture & Horticulture Executive (Feb 2021 – Dec 2021)

• Designed and implemented hydroponic and floriculture systems (Gerbera, Chrysanthemum, etc.).
• Published SOP modules for indoor & container vertical farming used for trainee programs.
• Conducted soil health analysis and microbial treatments to enhance yields.

Junior Research Intern | JNU Delhi (May 2019 – Aug 2019)

• Conducted bioinformatics-based SNP analysis on the Frataxin gene using SIFT, PolyPhen, PANTHER, and SNAP.
• Researched PEG-induced drought stress in Zea mays and protein interactions.
• Developed value-added products (fruit peel-based jelly) from agri-residues.

KEY PROJECTS

• Greenhouse Nursery Development: Planned and managed modern nursery setup and operations.
• Speed Breeding Program: Increased productivity of potato, maize, rice, and barley through accelerated breeding techniques.
• Urban Tree Plantation Drive: Led scrap-based seedling production—100,000 plants in 3 months for a government initiative.
• Organic Composting: Designed vermicomposting and Jeevamrut systems aligned with sustainability goals.
• Biotechnology Projects: Gene cloning, PCR, Blotting, and Cryopreservation of plant and animal cells.

CORE COMPETENCIES

• Crop Production Systems: Hydroponics (NFT, DFT, Growbag), Vertical Farming, Greenhouse Management
• Fertigation & Automation: Nutrient solution design, IoT-based systems, water/soil testing
• Project Management: Planning, Execution, Budgeting, Vendor Coordination, Reporting
• Training & Capacity Building: Corporate and government-level program delivery
• Digital Tools: Microsoft Teams, Asana, Trello, AI tools, Canva, MS Office Suite
• Sales & Outreach: Market Research, Product Promotion, Social Media Branding

ACHIEVEMENTS

• Certified in DOAP & CCC (1-Year Diploma)
• Recognized for public speaking, content writing (Janadesh Newspaper), and anchoring at Sharda University events.
• Served as Head of Logistics – CHORUS Fest, demonstrating leadership and organizational excellence.
• Presented research papers at national conferences.

EDUCATION

B. Tech in Biotechnology
Sharda University, Greater Noida | Aug 2016 – May 2020
CGPA: 7.0 / 10.0

LANGUAGES

English: Fluent
Hindi: Fluent