Dr. Ganesh N. Shelke

Agricultural Engineer (Process & Food Engineering)

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Professional Summary

A dynamic and accomplished **Agricultural Engineer** specializing in **Process & Food Engineering**, with over **5+ years** of combined experience in **academia, research, and industry collaboration**. Proven expertise in:

- **Teaching & Mentoring** – B. Tech, M. Tech, and Ph.D. students in **Agricultural Process Engineering & Food Technology**.
- **Research & Innovation** – Development of **value-added food products, post-harvest technologies, and farm machinery**.
- **Technology Transfer** – Conducting **farmer training programs**, radio talks, and expert lectures to bridge the gap between research and practical application.
- **Equipment Testing & Optimization** – Evaluating **cleaning, grading, drying, and processing machinery** for efficiency and scalability.

Key Strengths:

✓ Published **15+ research papers** in high-impact journals (NAAS-rated up to **11.01**).

✓ Recipient of **Young Scientist & Young Researcher Awards**

✓ Strong industry-academia collaboration with **technical recommendations**.

Education

Ph.D. in Agricultural Engineering (Process & Food Engineering)
Mahatma Phule Krishi Vidyapeeth (MPKV), Rahuri | 2023 | CGPA: 8.39/10

M.Tech in Agricultural Engineering
Tamil Nadu Agricultural University (TNAU), Coimbatore | 2015 | 78.5%

B. Tech in Agricultural Engineering
Vasantrao Naik Marathwada Krishi Vidyapeeth (VNMKV), Parbhani | 2013 | 76.5%

Additional Certifications

- **Diploma in Agribusiness Management (ABM)** – YCMOU Nashik (2022)
- **Diploma in Agricultural Journalism (AJ)** – YCMOU Nashik (2021)
- **MS-CIT (Govt. of Maharashtra)** – **96%** (2008)

National Eligibility Tests

- **ASRB-NET (2021, 2016)** – Qualified in Agricultural Engineering

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Professional Experience

Assistant Professor

Dr. Annasaheb Shinde College of Agricultural Engineering & Technology, MPKV, Rahuri

(June 2023 – Present)

- Teach **B. Tech, M. Tech, and Ph.D.** students in **Food Processing & Agri-Engineering**.
- Lead research projects on **post-harvest technology, food preservation, and machinery development**.
- Conduct **farmer training programs** on modern food processing techniques.

Previous Roles

- **Assistant Professor**, CSPA Ashti (2017-2018) – Left for Ph.D. admission.
- **Assistant Professor**, College of Food Technology, Ashti (2016) – Transitioned to CSPA.

Technical Recommendations & Patents

- **"Phule Hot Jaggery Stirring & Filling Machine"** – MPKV (2024)
- **"Shelf-life enhancement of Custard Apple"** – MPKV (2024)

Awards & Recognitions

🏆 **Young Scientist Award** – SSDT, Meerut (2020)

🏆 **Young Researcher Award** – Institute of Scholars, Bengaluru (2020)

🥈 **2nd Rank (Group Project)** – CAAST-CSAWM, MPKV (2022)

📜 **National Research Fellowship (CSNRF)** – SARTHI, Pune (2019)

Extension & Outreach

📻 **Radio Talks** – Delivered **4+ expert sessions** on agricultural innovations (2016-2017).

🧑‍🌾 **Farmer Training Programs** – Conducted **10+ workshops** on food processing & machinery.

🌱 **Consultant for small-scale food processing units in Maharashtra, Delivered expert lectures for Maharashtra State Agricultural Department**

Skills & Expertise

🔹 **Food Processing & Preservation**

🔹 **Post-Harvest Technology**

🔹 **Farm Machinery Design & Testing**

🔹 **Research & Development (R&D)**

🔹 **Grant Writing & Project Management**
