

Shubhashri Pharakate (Assistant Professor - Food Processing and Technology)

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WORK EXPERIENCE

Assistant Professor

Aug 2022 - Present

Waghire College, Saswad | Pune, India

- Conducted lectures and practical sessions on food processing principles and techniques.
- Facilitated hands-on training in food microbiology, quality control, and bakery and confectionery.
- Developed training modules and presentations on food safety and regulations.
- Developed and implemented a Food Microbiology syllabus aligned with the National Education Policy (NEP).
- Guided equipment handling and maintenance.
- Mentored students in skill development and career planning.
- Pursued continuous professional development through workshops.

Trainee Intern

Sept 2021 - Jan 2022

Britannia Industry Ltd | Quality Department | Pune, India

- Learned Preparation and Standardization of chemicals as per BIL SOP and record keeping.
- Physical observation and chemical analysis of various parameters of raw materials, wheat flour, sugar, Syrup, milk and milk products, additives, emulsifiers, flavor, nutrients, and fats.
- Analysis of packaging materials like CBB, Laminate, PVC tray, BOPP tape, etc. with the help of the below instruments - **Force measurement machine, Hot tack sealer machine, Lab Heat Sealer**
- Monitoring of Daily quality index of finished goods, intermediate preparation, chemical analysis of finished goods, and their record keeping.
- Involved in an internal audit conducted under mentioned steps - **Planning, Execution, Corrective and preventive action, verification, and audit evaluation.**

PROJECT-BASED LEARNING

Formulation of ready-to-cook Potato Sheera mix and its quality evaluation

INSTRUMENT HANDLED

- pH meter
- Force Measuring Machine
- Sedimentation Shaker
- Centrifuge
- Protein Analyzer
- Soxhlet apparatus
- Microscope
- Lab Heat Sealer
- Moisture Analyzer
- Sieve Shaker

CERTIFICATIONS

- Successfully Completed **FOSTAC training in Manufacturing (level 2) & Covid – Food Safety Supervisor**
- Certification in National Level Webinar on “New Products Development in Food Industry.”
- Certification in National Level Webinar on “Mushroom Farming: A New Business”
- Maharashtra State Certification in Information Technology (MS-CIT)

EDUCATION

M. Sc. - Food Science and Technology | Shivaji University, Kolhapur

June 2019 – May 2021

B. Sc. - Botany | Vivekanand College, Kolhapur.

June 2016– April 2019

HSC | Vivekanand College, Kolhapur.

June 2015 – April 2016