



Chetan Savadi

MICROBIOLOGIST

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About me

Passionate microbiologist and dedicated life sciences student with a profound interest in research. Driven to contribute to innovative scientific discoveries and advancements, with a strong foundation in microbiology and a keen eye for detail. Eager to collaborate on groundbreaking projects and enhance the understanding of microbial processes.

Skills

Microbial techniques

- Media formulation
- Plating Streaking Colony
- counting Colony identification

Molecular biology

- DNA extraction Gel run
- Bacterial transformation

Biochemistry

- Chromatography
- Titrations

Dairy Microbiology

- Isolation of Lactobacillus species
- Isolation of probiotics

Dairy technology

- Milk and milk products of all category

Dairy chemistry

- Analysis of milk constituents

Project

● Student Project Programme under KSCST of Karnataka Government

- I led a project involving Idea Generation, Concept Development, Protocol Creation, Sensory Evaluation, and Nutritional Value Analysis of Food and Beverages made from Domestic Bio-waste.

● MINOR PROJECT-Bacteriological analysis of boiled cooled milk

- In my first year postgraduate programme, I conducted bacteriological analysis on various milk categories using diverse microbial techniques for a dairy technology

● MAJOR PROJECT- Building a value added product from Biowaste

- In my second year post graduate programme, i worked on Building a paper and bar soap using pommogranate fruit peels, biologically consists of a great value in antibiotic and skin care properties

● Dravya Aahar

- I co-authored the book "Dravya-Aahar," featuring economical, healthy, and delicious recipes. An experimental book providing food and beverage recipes that are "HEALTHY, TASTY, ECONOMICAL & ENVIRONMENTALLY FRIENDLY".

● PASHUAAHARVARDHAK (PAV)

- A cattle feed development idea, where along with a organized team i had participated in multiple National level Hackathons under Niti Ayog scheme and secured top 10 position in ideation drive.

Education

• M.Sc in Microbiology , 2024
Garden City University Bengaluru

• B.Sc, 2022

BLDE Association Jamkhandi

• Senior secondary Education, 2019

Karnataka, English

• Secondary Education, 2017

Karnataka, English

Courses & Certifications

- Plant Tissue culture technique
- Destination Management -CBS
- National level Hackathon- Health care
- National level Hackathon - Social
- Karnataka Science and Technology Academy
- NUVEDO workshop on Mushroom Cultivation
- British Transplant Physician Trainees-BTPT

Other

- Social Media Marketing and Memetic Content Creation
- Basic Computer Knowledge

Experience

- National Dairy Research Institute- Southern Regional Station Bengaluru from the Department of Dairy Microbiology, Dairy technology and Dairy Chemistry.