



VIKAS YADAV

BIOTECHNOLOGIST

My Contact

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Hard Skill

- Tissue culture techniques
- QC/QA
- Microbiologist
- Bioprocess Engineering
- Immunology techniques
- Bioinformatics Tools (Rasmol, Artemis, Proksee tool, Phymol, KEGG, EMBL, BLAST, Python)
- Food technology techniques
- Good Laboratory Practices

Soft Skill

- Observation
- Decision making
- Communication
- Multi-tasking

Education Background

- **M.Sc. BIOTECHNOLOGY**
Parul Institute of Applied Science
Sem 3 :- 8.19 CGPA
2022 - 2024
- **B.Sc. BIOTECHNOLOGY**
Parul Institute of Applied Science
CGPA :- 7.82
2019-2022
- **Higher Secondary Education**
Sanatan International Academy
Percentage :- 53%
2018-2019
- **Secondary Education**
Sanatan International Academy
Percentage :- 72%
2016-2017

About Me

I am a dedicated and passionate professional with a profound academic background in biotechnology. I hold a Master of Science degree in Biotechnology with expertise in molecular biology, genetics, and bioprocess engineering. My academic journey has equipped me with advanced laboratory skills and a passion for interdisciplinary collaboration. I am committed to leveraging my expertise to drive innovation and address challenges in healthcare, agriculture, and environmental sustainability.

Professional Experience

National Institute of Technology (NIT, Rourkela) Research Project work

- Topic 1: Exploring chitosan lactate as a multifunctional additive: Enhancing quality and extending shelf life of whole wheat bread ("quality and extending shelf life of whole wheat bread")
- Topic 2: ("Unlocking the potential of carboxymethyl tamarind: A multi-pronged analysis of its impact on whole wheat bread quality")

Project

- 1) A Scientometric Look: Unveiling the Potential of Polysaccharides in Bakery Product Quality.
- 2) Exploring Chitosan Lactate as a Multifunctional Additive: Enhancing Quality and Extending Shelf Life of Whole Wheat Bread.
- 3) "Unlocking the Potential of Carboxymethyl Tamarind: A Multi-Pronged Analysis of its Impact on Whole Wheat Bread Quality."

Achievements

Workshop Presented, project & Certificate

- Bioinformatics.
- CEP Micro propagation (Tissue culture).
- Western blotting techniques.
- Done thesis based on "bioremediation of oil spills" in bachelor degree.

Seminar Certificate

- 1. National symposium 10 january 2020.
- "Current Trends & Opportunities in Healthcare Sector and their Implication in Biotechnology".
- 2. Basic Techniques in Bioprocess and Molecular Biology