

KOMAL KHANDUAL

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India

CAREER OBJECTIVE

Motivated postgraduate in Biotechnology with hands-on experience in microbiological techniques and phytochemical analysis. Seeking an opportunity to apply and enhance my laboratory skills in a challenging research or industrial setting.

EDUCATION

- M.Sc in Biotechnology
SGPA:8.5 | Year of Passing: 2025
- B.Sc in Botany- CBCS Board
CGPA: 8.3 | Year of Passing: 2023
- 12th – ICSE Board
Percentage: 64% | Year of Passing: 2020
- 10th – ICSE Board
Percentage: 54.8% | Year of Passing: 2018

INTERNSHIP EXPERIENCE

Intern – NIT Rourkela

Duration: 6 months

- Gained practical experience in microbiology and plant-based biochemical assays
- Participated in hands-on research in microbial and phytochemical methodologies

PROJECT WORK

Title: Biogenic Compounds from Lantana camara Linn Extract for Insect Repellent

- Investigated the insect-repellent properties of plant-based alkaloids and phytochemicals
- Carried out extraction, phytochemical screening, and application-based analysis
- Studied mosquito repellent efficacy through laboratory assays

TECHNICAL SKILLS

- Proficiency in MS Office (Word, Excel, PowerPoint)
- Isolation and characterization of bacteria from food, water, and soil
- Biochemical identification of microbes
- Streaking and plating methods
- Gram staining and microbial staining
- Preparation of various microbiological media
- Phytochemical analysis of plant extracts

CERTIFICATIONS & WORKSHOPS

- Participation in the National Conference at Tech Mindsparc Innovation, 2025
- Hands-on Training cum Workshop on Basic Techniques in Bioprocess and Molecular Biology, NIT Rourkela, 2025
- PG Diploma in Computer Application (PGDCA) Duration: 6 months, Year of Completion: 2025

ACHIEVEMENTS

- Best Flask Talk Presentation during Hands-on Training cum Workshop at NIT Rourkela, 2025
- 1st Prize at National Level Symposium (Prototype Working Model), B.V. Raju College, Bhimavaram, Andhra Pradesh, 2024

LANGUAGES KNOWN

Hindi

English

Odia

I hereby declare that the information I provided is true and reliable to the best of my knowledge and belief.

DATE: 02-09-2025

PLACE: Odisha