

Arun Rachcha

Environmental Researcher



+91 98494 57564



arunrachcha2542@gmail.com



Nizamabad, Telangana, India

EDUCATION

Integrated M.Sc. Environmental Science

Central University of Rajasthan

2020 - 2025

Intermediate (Bi.P.C)

New kakatiya jr. college

2018 - 2020

SKILLS

- Waste Management
- Water & Wastewater treatment
- Soil & Water Analysis
- Time Management
- Leadership
- Effective Communication
- Field Sampling
- Data Analysis
- Microsoft Excel

LANGUAGE

- English
- Telugu
- Hindi

PROFILE

Motivated and detail-oriented Environmental Science graduate with a solid academic foundation in environmental monitoring, waste management, soil and water analysis. Skilled in laboratory techniques, data analysis, and research methodology, with hands-on experience in conducting experiments, analyzing environmental parameters. Passionate about contributing to sustainable solutions, environmental conservation, and scientific research. Strong communication, teamwork, and problem-solving abilities, eager to apply knowledge and enthusiasm in a research-focused role

PROJECTS

Utilization of Sewage Treatment Plant(STP) in Agriculture 2024 - 2025

Major Dissertation

- Pre and Post analysis of Soil and Sludge mixtures before and after plant growth.
- Performed experimental plant growth trials and evaluated germination index to assess treatment effects on seedling development.
- Analyzed Physio-Chemical analysis of Soil parameters.

Replacement Theory

2022 - 2023

Minor Dissertation

- Evaluated sustainable alternatives for plastic use, focusing on eco-friendly materials.
- Identified and recommended environmentally sustainable practices and material replacements in agriculture to reduce environmental impact and promote sustainable farming.

INTERNSHIP

Comprehensive analysis of organic sludge derived from STP & FSTP

A comprehensive study of organic sludge involves a wide range of analyses to fully characterize its physical, chemical, and biological parameters, which in turn informs decisions about its management and potential utilization.

CERTIFICATIONS

- Certificate of Participation - Seeds of Hope & Action (SOHA) Sustainability Exhibition.
- Certification of Participation - Workshop on Floating Wetland Treatment System (FTWS) for Remediation of Surface Water Bodies