



DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE Affiliated to JNTU Kakinada)
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FACULTY PROFILE



Name of the Faculty: Mr. Hemanth A

Designation: Assistant Professor

Areas of Research:

Environmental Engineering, Waste water treatment

Academic Background:

M.E.(Environmental Engg.), Bapuji Institute of Engineering and Technology, VTU, Karnataka, India.

B.Tech. (Civil Engg.), ACED, Alliance University, Bangalore, Karnataka, India.

Teaching Experience: 1.5 years

1. Assistant professor, DhaneKula Institute of Engineering and Technology, Ganguru, Vijayawada, Aug2024-Till date.
2. Assistant professor, Srinivasa Institute of Engineering and technology, Cheyyeru, Kona Seema, May2023-Aug2024.

Achievements:

- M-TECH (Environmental engineering) -GOLD MEDALIST-1ST RANKER WITH 9.59 CGPA.

Workshops, FDPs and Training Programs:

- Basics of Python, under Infosys Spring board [2024].
- FDP on Pedagogy organized by NITTRK [2023].
- Green Skill Development Programme on “Operation and Maintenance of ETP, STP and CETP”[2021-2022].
- Introduction to Autodesk-fusion 360.
- Environmental Management at JSW steel ltd.
- Concepts and Practices in civil engineering.

Details of Research Publications:

- “Investigating the influence of fly ash and rice husk ash on the strength and durability properties of self-compacting recycled aggregate concrete”(Scopus Indexed -Accepted for publication).
- “Strength and Durability characteristics of self-compacting recycled aggregate concrete incorporating crumb rubber, fly ash and silica fume”(Scopus Indexed Accepted for publication).
- “Evaluating the mechanical performance of waste glass powder as partial replacement to fine aggregate for the production of sustainable concrete” (Scopus Indexed-September 2023).
- “Absorption Competency of Duck weed and Water lettuce towards Cd and Ni in Electroplating Waste Water”. (<https://www.irjet.net/volume9-issue9>, IRJET , Volume-9, Issue -9, September 2022, S.No:192).