



ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES:: RAJAMPET (An Autonomous Institution)

(Approved by A.I.C.T.E, New Delhi & Affiliated to JNTU Anantapur, Anantapuramu)
(Institute Accredited by NAAC, Bangalore) (Institute Accredited by IE (I), Kolkata)

DEPARTMENT OF CIVIL ENGINEERING



Faculty Profile

Basic Information

NAME : D. RAMA BHUPAL REDDY
DESIGNATION : Assistant Professor
DEPARTMENT : Civil Engineering
DATE OF BIRTH : 20/07/1995
DATE OF JOINING : 19/09/2025
EMAIL ID : drbr@aitsrajampet.ac.in
EMPLOYEE ID : AITS_01_2227



Academic Profile:

Qualification	Name of the Board/University	YEAR
M. Tech. (Environmental Engineering)	GMR Institute of technology, Rajam	2020
B. Tech (Civil Engineering)	RGM CET, Nandyal	2016

Research Details:

1. Areas of Specialization	:	Environmental Engineering
2. No. of Publications	:	11
3. Awards Received	:	NIL
4. Research Guidance		
	No. of B.Tech. Guided:	20
5. Details of Professional Membership:		
6. Subjects Taught	:	1. Water resource & harvesting 2. Water supply Engineering 3. Waste water Engineering 4. Surveying 5. Low cost housing techniques



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Publication Details:

Title	Publisher	Published Year
Correlation of MODIS Products with Ground Based Measurements: A Review	Solid State Technology	2020
A Critical Review on Carbon Footprint of Universities	Spec. Ugdyam, Vilnius University Press	2022
Retrieving MODIS AOD and Evaluation of Ground-level PM _{2.5} in Addition to the Identification of Potential Source Regions Over South India	Indian Journal of Ecology	2022
Comprehensive Analysis of Impact of COVID-19 Lockdown on Air Quality in Andhra Pradesh, India	Lecture Notes in Civil Engineering Springer Nature Singapore	2022
Estimation of surface PM _{2.5} with MODIS Aerosol optical depth and source identification using trajectory analysis: a case of Hyderabad City, India	International Journal of Environment	2022
Impact of COVID-19 Lockdown on Air Quality and Source Identification During Lockdown in Andhra Pradesh, India	Journal of the Indian Society of Remote Sensing, Springer India	2023
Assessment of the geotechnical and environmental reuse potential of soil-like material recovered from Anantapur dumpsite, South India	Journal of Material Cycles and Waste Management, Springer Japan	2025
Impact of socioeconomic status on characterization of household waste in Anantapur Municipal Corporation Region, Andhra Pradesh, India	Journal of Material Cycles and Waste Management, Springer Japan	2025
Sustainable reuse and characterization of soil-like material from landfill mining in Indian cities	Engineering Research Express, IOP Publishing.	2025
Decentralized composting for biodegradable waste in Indian cities: assessment of socioeconomic impacts, compost quality, and sustainability in urban waste management	Journal of Material Cycles and Waste Management, Springer Japan.	2025
Contamination Levels of Soil-like Material Recovered Through Landfill Mining from Anantapur Dump Yard, India	Bulletin of Environmental Contamination and Toxicology, Springer US.	2025

Patent Details:

S.No.	Title of Patent	Submitted/Published/Awarded
	NIL	



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