

FACULTY PROFILE

Name of the Faculty:	Dr. Anil Kodimela					
Designation:	Assistant Professor					
Department:	Civil Engineering					
Date of Birth:	16-06-1988					
AICTE – ID:	1-3176662255					
Education	Ph.D. in Civil Engineering — Annamalai University, Chidambaram, 2026 M.Tech. in Geo-Engineering — Andhra University College of Engineering, Visakhapatnam, 2010–2012 First Class with Distinction B.Tech. in Civil Engineering — Bapatla Engineering College, Bapatla, 2005–2009 First Division					
Experience	Teaching: 13 Years	Industry: 2 Years	Total: 15Years			
	Research: - - -	Others: ---				
Research Specialization	Remote Sensing & GIS Applications, Water Resources Engineering					
Courses Taught	Remote Sensing & GIS Applications, Drone Technology, Geotechnical Engineering, Watershed Management, Engineering Mechanics.					
RESEARCH CONTRIBUTIONS						
International/national peer reviewed journals						
S. No.	Title of Paper	Journal / Proceedings / Book	Year	Volume	Pages	Indexing: SCI / WoS / Scopus / Google Scholar
1	A Review Paper on Landslide Susceptibility Mapping Using Geospatial Technology and Machine Learning Techniques	<i>Disaster Advances</i>	2025	Vol. 18, Issue 11	91–98	Scopus; Google Scholar
2	Geospatial Analysis for Land Suitability Evaluation in the Peri-Urban Region of Hyderabad Metropolitan Development Authority (HMDA)	<i>Disaster Advances</i>	2026	Vol. 19, Issue 4	33–43	Scopus; Google Scholar
3	Land Use and Land Cover Classification Using Support Vector Machine Technique: A Case Study of Kaddam Watershed	<i>Disaster Advances</i>	2025	Vol. 18, Issue 6	1–6	Scopus; Google Scholar

4	Rain Water Harvesting Potential Using Geographical Information System	<i>AIP Conference Proceedings</i>	2025	Vol. 3298	Article No. 040020	Web of Science (CPCI); Scopus; Google Scholar
5	Soil Loss Evaluation in Kaddam Watershed Using Geographical Information Systems and Remote Sensing Techniques	<i>Journal of the Institution of Engineers (India): Series A</i>	2023	Vol. 104, Issue 4	997–1003	Scopus; Google Scholar
6	Oblique Wave Interaction with a Two-Layer Pile-Rock Breakwater Placed on Elevated Bottom	<i>Ships and Offshore Structures</i>	2022	Vol. 17, Issue 4	852–865	SCIE (WoS); Scopus; Google Scholar
7	Prioritization of Watersheds Using GIS and Fuzzy Analytical Hierarchy (FAHP) Method	<i>Intelligent Computing and Applications, Smart Innovation, Systems and Technologies</i>	2023	Vol. 315	149–157	Scopus; Google Scholar
8	Effect of Waste Plastic Fiber on Compaction and Strength Characteristics of Clayey Soil Admixed with Rice Husk Ash	<i>Recent Trends in Engineering, Science and Technology (RTEST-2025), Multidisciplinary Science – Volume 1</i>	2025	Vol. 1	197–206	Scopus/WoS

Books published

S. No.	Title of the book	Publisher	year
1	A Practitioners Approach to Geographical Information Systems	BS Publications (BSP)	2024
2	Remote Sensing, GIS and GPS: Principles and Applications	The Institute for Innovations in Engineering and Technology (IIET)	2025

Book chapters Published

S.No.	Title of the Chapter	Book title	Publisher	year
1	--	--	--	--

Details of Patents (Filed & Granted)

S. No.	Applications number	Title of the patent	Date of filing/publishing	Published/granted

Details of Conferences/FDPs/STTPs/webinars/Workshops Organized			
S.No.	Name of the event	Role	Dates
1			
Details of Conferences/FDPs/STTPs/webinars/Workshops Participated			
Sl. No.	Name of the Event	Organized by	Dates
1	Recent Advances in Civil Engineering (RACE-2K26) – One-Week Online Faculty Development Programme	Department of Civil Engineering, Prasad V. Potluri Siddhartha Institute of Technology (PVPSIT), Vijayawada	23–28 March 2026
2	Sustainable Innovations in Civil Engineering: Pathways to Greener Future – 5-Day Online National FDP	Department of Civil Engineering, Annamacharya University, Rajampet	19–23 January 2026
3	Sustainable Pavement Asset Management in the Era of Smart Infrastructure – One-Week Professional Development Programme	Department of Civil Engineering, Vardhaman College of Engineering, Hyderabad	17–22 November 2025
4	Smart Materials and Technologies for Durable Structures (SMTDS'25) – 5-Day Online FDP	Department of Civil Engineering, R.V.R. & J.C. College of Engineering, Chowdavaram, Guntur	15–19 September 2025
5	The Role of Industry 4.0 in Civil Engineering for Future Construction – AICTE–ATAL Faculty Development Programme	AICTE Training and Learning (ATAL) Academy, in association with Bapatla Engineering College	18–23 August 2025
6	Project Management using MS Project and Primavera Software	Engineering Staff College of India (ESCI), Hyderabad	09–11 July 2025
7	Advances in Fiber Reinforced Concrete with BFRP/GFRP Rebar Composites for Sustainable Environment–Climate Change – One-Day Workshop	Centre for Climate Change Division, Engineering Staff College of India (ESCI)	24 July 2025
8	Artificial Intelligence for Next-Generation Engineering Applications – 40-Hour Faculty Development Programme	E&ICT Academy, NIT Warangal, in association with Department of Civil Engineering, St. Ann's College of Engineering & Technology, Chirala	03–10 March 2025
9	Risk to Resilience – Innovative Resilient Strategies for Mitigating Climate Change – AICTE–ATAL FDP	AICTE Training and Learning (ATAL) Academy, at IPS Academy, Institute of Engineering & Science, Indore	16–21 December 2024
10	Recent Advances in Civil Engineering – One-Week Faculty Development Programme	Department of Civil Engineering, P.V.P. Siddhartha Institute of Technology, Vijayawada	09–13 September 2024
11	Advanced Materials and Techniques for the Repair and Strengthening of Concrete Structures (AMRTC'24) – 5-Day FDP	Department of Civil Engineering, R.V.R. & J.C. College of Engineering, Chowdavaram, Guntur	23–27 September 2024
12	Emerging Research Trends in Civil	Department of Civil Engineering,	06–11 May

	Engineering – One-Week Faculty Development Programme	Vishnu Institute of Technology (VITB), Bhimavaram, in association withSSIPMT, Raipur	2024
13	Advancements in Transportation and Geotechnics for Future Infrastructure – One-Week Virtual FDP	Department of Civil Engineering, GMR Institute of Technology, Rajam, in association with Kongu Engineering College, Perundurai	01–06 April 2024
14	GIS for Smart City – 5-Day Short Term Training Programme (STTP)	Department of Civil Engineering, Presidency University, Bengaluru, in association with Karnataka Science and Technology Academy (KSTA)	12–16 December 2022
15	Applications of Artificial Intelligence in Civil Engineering – Webinar	Department of Civil Engineering, R.V.R. & J.C. College of Engineering, in association with Indian Geotechnical Society, Guntur Chapter	27 October 2022
16	Vision Based Damage Monitoring of Structures using Deep Learning – Webinar	Department of Civil Engineering, R.V.R. & J.C. College of Engineering, in association with Indian Geotechnical Society, Guntur Chapter	28 October 2022
17	Research Methodologies and Scientific Publishing – Two-Day Workshop	Bapatla Engineering College, Bapatla	28–29 October 2022
18	Current Trends & Research in Civil Engineering – Five-Day Faculty Development Programme	Department of Civil Engineering, Maturi Venkata Subba Rao (MVSR) Engineering College	26–30 September 2022
19	Advanced Geomatics Engineering – NPTEL Online Certification Course (12 Weeks)	National Programme on Technology Enhanced Learning (NPTEL), Indian Institute of Technology Kharagpur	July–December 2022

Awards/recognitions/achievements

S.No.	Name of the Award	Awarding body/Society/Organization	Year

Details of project proposals submitted/sanctioned/completed

S.No.	Title of the Project	Funding body	Submitted/ Sanctioned/ Completed	Amount	Year/ duration

Consultancy contribution

S.No.	Year	Amount	Details
1			

Student Project/research guidance		
S.No	Level	Total number

Administrative experience		
S.No.	Role	Duration (From – to)
Research credentials		
Index/database	ID/Link	
Google Scholar	VsNH-IgAAAAJ	
SCOPUS	57216647210	
Web of Science		
Vidwan ID		