Name: Dr. K. Sai Sahitya

Designation: Assistant Professor

Department: Civil Engineering

E-mail: saisahitya_k@vnrvjiet.in



Experience (in years): 2 Teaching: 2 Research: 0 Others (if any, specify): **1. Educational / Technical qualifications:**

1.	Euuca	Educational / Technical quantications.					
	S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization			
	1	Ph.D	2022	Transportation Engineering			
	2	PG (M.Tech)	2014	Urban Transportation			
				Engineering			
	3	UG (B.Tech)	2012	Civil Engineering			

2. Teaching and Learning:

- 2.1. Teaching Interests: Urban Transportation planning, Remote Sensing and GIS, Smart Cities
- 2.2. Novel Teaching & Learning Techniques adopted: Group discussions and Interactive class room sessions
- 2.3. Involvement in curriculum updating / Design: R22 Syllabus for M.Tech Highway Engineering

3. Co-curricular and Extra-Curricular Activities

- 3.1. Interests and Hobbies: Reading books, learning new things
- 3.2. CCA/ECA Organized: NIL
- 3.3. CCA/ECA participated: NIL
- 3.4. Counselling and Mentoring Activity: 10 students
- 3.5. Committees involved in:

Department level: Training and Placement & Academic Audit Institute Level: NIL

4. Conference / Workshop / Seminar / Guest Lectures :

- 4.1 Conducted: NIL
 - 4.2 Attended:
 - NBA Accreditation and Teaching-Learning in Engineering (NATE)
 - Smart Cities- Management of Smart Urban Infrastructures
 - Fundamentals of Artificial Intelligence

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures:

- Resource Person to the Webinar on "Introduction to Smart Cities" organized at PVP Siddhartha Institute of Technology, Vijayawada
- 5.2. Articles / Chapters published in Books: NIL
- 5.3. Books published as single author or as editor:-NIL

5.4. Projects Guided:

a) UG :1 b) PG :1

5.5. Research Interests: Urban Transportation Planning, Smart Cities Panning and development

5.6. Ph.D students:

a) Enrolled: NIL

b) Submitted: NIL c) Awarded: NIL

5.8. Papers presented at National / International Journals:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Modelling structural interdependent parameters of an urban road network using GIS		International	2019
2	Evaluation of opportunity-based urban road network accessibility using GIS		International	2020
3.	Evaluation of Road Network Connectivity of Hyderabad City Using GIS		International	2020
4.	Fractal modelling of an urban road network using Geographical Information Systems (GIS)		International	2020
5.	Methodology for city-level urban road network connectivity analysis using Geographical Information Systems (GIS)		International	2020
6.	GIS-based urban road network accessibility modelling using MLR, ANN and ANFIS methods		International	2021
7.	Urban road network structural analysis and its relation with human settlements using Geographical Information Systems		International	2022
8.	Urban road network connectivity analysis using GIS: A Case Study of Hyderabad city	Proceedings of the 5 th Colloquium on Transportation Systems Engineering and Management (CTSEM2018) NIT Warangal		2018

6. Awards / Honors received: Received Gold Medal as a topper in academics

7. Motto: A strong determination will decide our destiny