

Name: Rachakonda Pranavi
Designation: Assistant Professor
Department: Civil Engineering
Mail I'd: pranavi_r@vnrvjiet.in



Experience (in years): 2 yrs. 7 months Teaching: 1 yr. 7 months Research:
Others (if any, specify): Consultancy (1 year)

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	B.Tech.	2016	Civil Engineering
2	M.Tech.	2018	Highway Engineering

2. Teaching and Learning:

- 2.1. Teaching Interests: UG: Highway Engineering, Transportation Engineering I & II, Environmental Science, Transportation Engineering Lab, Fluid Mechanics and Hydraulic Machinery Lab.
PG: Road Safety and Traffic Management, Advance Traffic Analysis, Highway Geometric Design, Urban Transportation Planning, Highway Numerical Analysis Lab.
- 2.2. Novel Teaching & Learning Techniques adopted: Use of NPTEL to understand subject better through e-learning, WIT & WIL, PowerPoint presentations, Chalk & Talk
- 2.3. Involvement in curriculum updating / Design: Nil

3. Co-curricular and Extra-Curricular Activities

- 3.1. Interests and Hobbies: Learning new software related to Transportation and Statistical analysis coding, Reading Books, Trekking.
- 3.2. CCA/ECA Organized: Nil
- 3.3. CCA/ECA participated: Nil
- 3.4. Counselling and Mentoring Activity: Mentor for I B.Tech. (10 Nos.), Mentor for IV B.Tech. (10 Nos.)
- 3.5. Committees involved in:
Department level:
Institute Level:

4. Conference / Workshop / Seminar / Guest Lectures:

- 4.1 Conducted: Nil
- 4.2 Attended: 1 International conference and 7 National workshops (STTP & FDP's)

5. Academic Contribution and Research & Consultancy:

- 5.1. Invited Lectures: Nil
- 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: Presently Guiding 4 B.Tech. Students
 - b) PG: Presently Guiding 2 MTech projects
- 5.5. Research Interests: Traffic Safety performance, Pedestrian Modelling, Vehicle Trajectory Analysis, Modelling Pavement Modulus using LWD, Pavement Performance Evaluation.
- 5.6. Ph.D students :

a) Enrolled :

b) Submitted :

c) Awarded :

5.7. Papers published in reviewed journals :

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International
1					
2					

5.8. Papers presented at National / International Journals :

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Calibration of Fundamental Flow Model for Pedestrian Crosswalks at Signalized Urban Intersection	5th Colloquium on Transportation Systems Engineering and Management(CTSEM)	National	17-19 May 2018
2				

5.9. Sponsored research Projects:

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed

5.10 Consultancy Projects:

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed

6. Awards / Honors received: Best Outgoing M.Tech. Student in Highway Engineering,
M.Tech. Highway Engineering First Position in Projects.

7. Motto: Live with promise, Love with passion, Laugh with pleasure