

KNOWLEDGE ASSET 2023-24



Name: **Kothapalli Ravindrababu**

Designation: Assistant Professor
Department: Civil Engineering
Mail ID: ravindrababu_k@vnrvjiet.in

Experience (in years): Teaching: 5.5 Research: 2 Others (if any, specify):Site:2.2

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	PG: M.Tech	2017	Transportation Engineering
2	UG: B. Tech	2014	Civil Engineering
3	DCE	2009	Civil Engineering

2. Teaching and Learning:

- 2.1. Teaching Interests: Transportation Engineering, Railway Engineering & Airport Engineering, Surveying, Smart Cities, Pavement Analysis and Design, TE Lab & Surveying lab.
- 2.2. Novel Teaching & Learning Techniques adopted: Online courses, Videos, WIT & WIL, Learning by Doing, Storyboard, VNR Lab Protocol, PPTs, Chalk & Talk
- 2.3. Involvement in curriculum updating / Design:

3. Co-curricular and Extra-Curricular Activities

- 3.1. Interests and Hobbies: Motivating students for an all-round development.
- 3.2. CCA/ECA Organized:
- 3.3. CCA/ECA participated:
- 3.4. Counseling and Mentoring Activity: Mentoring 10 students each from I & III B. Tech (CE) – helping students understand their weaknesses and achieve their goals and monitoring their progress in academics

3.5. Committees involved in:

Department level: Alumni coordinator, NBA, NAAC, WIT & WIL coordinator

Institute Level: Member- Entrepreneurship Development Cell
Member – Anti ragging team

4. Conference / Workshop / Seminar / Guest Lectures :

4.1 Conducted:

4.2 Attended:

- Attended International Conference on “Fracture Studies On Mixes Prepared With Reclaimed Asphalt Pavement’s Aggregates (Rap) And Inclusion Of Fibers” 20th to 21st April 2023(SIIOC-2023, NITK Surathkal). Got best Technical paper award in transportation division.
- Attended International Conference on “Utilization and benefits of construction Demolished waste and Crum rubber in Rigid Pavement” 20th to 21st April 2023(SIIOC-2023, NITK Surathkal).
- Attended International Conference on “Performances and Evaluation of urban Transportation system by Services level benchmarking –A case study at Guntur. 15th to 17th September 2022(ICIET-2022, JNTUH).
- ❖ A national level workshop attended on 14th& 15th- Feb-2020 “Importance of Simulation in Traffic Engineering” (CIET- Chennai)
- ❖ A faculty development program cum workshop held on 27 April 2019 on “Climate across the Curriculum: Educational Resources for Teachers” jointly organized by IIT Tirupati and TROP ICSU.
- ❖ A two day national seminar held on 12th-13th March, 2019. Geospatial Technology for Environmental Sustainability at Indian Science” at Kallam Haranadha Reddy Institute of Technology.
- ❖ .One day seminar on case studies on 07-January-2019 , Geo Technical Engineering practices (CGEP-2019) at Malineni Perumallu Educational society’s Group of Institutions .
- ❖ A paper presented at the National Conference On Technological Innovations In Civil Engineering – Nctice 2019 At Vignan University On August 22nd And 23rd 2019.
- ❖ A faculty development program held on 10-06-2019 to 14-06-2019 at KKR & KSR Institute of Technology and Sciences.

5. Academic Contribution and Research & Consultancy.

5.2. Invited Lectures: Nil

5.3. Articles / Chapters published in Books: Nil

5.4. Books published as single author or as editor: Nil

5.5. Projects Guided:

a) UG: 4 projects

- Improving the bitumen road stability by using stone mastic asphalt (sma) with bio-medical & crumb rubber waste.
- Fracture Studies On Mixes Prepared With Reclaimed Asphalt Pavement's Aggregates (Rap) And Inclusion Of Fibers
- Experimental Investigation of dense bituminous mixes with up cycled materials
- Evaluating the variation in Urban sprawl in Vijayawada using GIS and LandSAT imagery
- Exploring sustainable use of dried marigold flowers in polymer concrete

b) PG: Nil

5.6. Research Interests: Transportation Engineering , Overlays, Traffic engineering, RAP, Low volume roads

5.7. Ph.D students: Nil

a) Enrolled: Nil

b) Submitted: Nil

c) Awarded: Nil

5.8. Papers published in reviewed journals: Nil

5.9. Papers presented at National / International Conferences:

Sl.no	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Performances and Evaluation of urban Transportation system by Services level benchmarking –A case study at Guntur	International Conference on 15 th to 17 th September 2022 (ICIET-2022, JNTUH). (ICCMSSSD – 2020)	International	2022
2	Fracture Studies On Mixes Prepared With Reclaimed Asphalt Pavement's Aggregates (Rap) And Inclusion Of Fibers	International Conference on 20 th to 21 th April 2023 (SIIOC-2023, NITK Surathakal). Scopus Indexed Journal.	International	2023

3	Stabilization of subgrade soil by lime with fly ash and rice husk ash. A paper published on International Journal of Civil Engineering & Technology (IJCET).Scopus Indexed Journal.	(IJCET) - Scopus Indexed Journal.	International	2014
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5.10.Sponsored research Projects: Nil

5.10 Consultancy Projects: Nil

6. Awards / Honors received:

- Won first cash prize 10,000/- for Padma Shri Prof. Ashok Jhunjunwala and Sri Vallurupalli Venkata Rama Rao Award for the Best Student Project with Rural Orientation at B. Tech level.

7. Motto:

When Do Good to Others, It will return one's up on a time.
There is no shortcut for hard work.