VVCE

NAME: MANOJ P
Designation: Assistant Professor
Department of Civil Engineering

Date of Joining	04-08-2014
Length of Professional Experience	10+ years

Contact Details

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Academic Background

- M.Tech in Transportation Engineering and Magemement from Siddaganga Institute of Technology, Tumkuru, Karnataka
- B.E in Civil Engineering from VidyaVikas Institute of Engineering and Technology, Karnataka

Areas of Interest

- Traffic Engineering
- Transport Planning

Membership in Professional Bodies

- Permanent Member in Indian Road Congress [eLM-102011]
- Permanent Member in Indian Geotechnical Society [LM-4906]
- Permanent Member in Institute of Engineers, India (I)[AM160079-9]
- Permanent Member in Indian Society of Technical Education [LM 103584]
- Permanent Member in Technical Institute for Engineers (TIE) [LG446200]

Significant Publications

Conference

1. Improvement of a Conflict Prediction Model on Highways using Deep Learning, 2023 - 2nd International Conference on Applied Artificial Intelligence and Computing (ICAAIC), 4-6 May 2023.
2. Fashionable Four-Wheeler Parking to Reduce Human Intervention and to Enhance the Flexibility in Parking System Using IoT, 2023 3rd International Conference on Innovative Practices in Technology and Management (ICIPTM), 22-24 Feb. 2023.
3. Travel demand around VVCE Campus, Mysore using SPSS software, ICRTCE-2022, March 2022.
4. Analysis of Black Spot using Accident Severity Rate, ICRTCE-2022, March 2022.
5. Prediction of Road Accidents using Machine Learning Technique – A Review, ICRTCE-2022, March 2022.
6. Emotion Recognition Model Bases Facial Recognition in Virtual Learning Environment, AICDSMB-2022, February 2022.
7. Manoj P, Mamatha K H and Dinesh S V (2014), "Evaluation of low volume flexible pavement",
   International Conference on Transportation Planning and Implementation Methodologies for Developing Countries held during 10th – 12th December, 2014 at IIT, Bombay.
8. Road accident analysis and alleviation measures for Mysore city @ Department of Civil Engineering PESITM, Shivamogga NCAICE May 2019.

Journals

1. Enhancing road safety through blackspots mitigative measures - a review – August 2023
2. Stabilization of Subgrade Soil using Reclaimed Asphalt Pavement (RAP), IJEAT – June 2019
3. Simulation of Rotary Intersection at K. R. Hospital Junction, IJEAT –June 2019
4. Travel demand around VVCE Campus, Mysore using SPSS software, WJR, Vol.14 No2(II) May 2022
5. Analysis of Black Spot using Accident Severity Rate, WJR, Vol.14 No2(II) May 2022
6. Prediction of Road Accidents using Machine Learning Technique – A Review, WJR, Vol.14 No2(II) May 2022
7. Proposed Flyover at Metagalli Signal Junction on K R S Road, International Journal of Engineering Research & Technology (IJERT) June 2019.

Patents

1. Granted patent for "Safety Helmet for Civil Engineers" 407925-001
2. Granted patent for " Digital Road Safety Cone with a Camera" 404093-001

Achievements

1. Recognized as a Certified Road Safety Auditor from MoRTH, New Delhi.
2. Delivered Technical Talk on Road Safety for III Sem Students
3. Delivered Technical Talk on "Special Pavements" for SDM Polytechnic College

Students, UJRE.

4. Trained AE/JE aspirants of PWD under Indian Civil Services Training Academy (ICSTA), Mysore.