Education

Degree	University	Year	Specialization
B.Tech	University of Calicut	2013	Information Technology
M.Tech	University of Calicut	2015	Computer Science and Engineering
PhD	National Institute of Technology Calicut	Ongoing	Intelligent Traffic System

Experience

Year From	Year To	Organization	Designation
2023	2026	National Institute of Technology Calicut	Project Associate
2019	2023	Indian Institute of Management Kozhikode	Academic cum Research Associate
2018	2019	Dayapuram Residential School Kozhikode	PGT in Computer Science

Conference & Journal Publications

Sl.No	Name
1	Anisha NK, Ginnu George, An Efficient Novel Framework For Enhancing The Quality Of Personal Photographs Using Internet Picture Galleries, IJSR International Journal of Scientific Research, 4, 6, 3-5, 06/01/15, 10.15373/22778179, 2277 - 8179.
2	N K, Anisha; Mohandas, Prabu, DeepYOLO - An Efficient Real-Time Vehicle Detection System Using YOLO-v8 and DeepSORT Algorithm, Second International Conference on Machine Intelligence for Research Innovations (MAiTRI 2024), NIT Srinagar, India
3	N K, Anisha; P. Bhavana, K. Sritha, Mohandas, Prabu, YOLOv8- Powered

	Intelligent Traffic Signal Control for Real-Time Vehicle Detection and Emergency Vehicle Prioritization, Fifth International Conference on Computer Vision and Robotics (CVR 2025), NIT Goa, India
4	N K, Anisha; Mohandas, Prabu, Towards Smarter Traffic Systems: A Prompt Driven Vision-Language Approach for Zero- Shot Emergency Vehicle Detection and Robust Temporal Tracking in Urban Traffic Scenes, International Conference on Recent Advances in Electronics, Communication, Computing, Automation, and Power, 2026
5	M.K, Venkitesh; N.K, Anisha; Mohandas, Prabu, YOLOv8- Powered Intelligent Traffic Signal Control for Real-Time Vehicle Detection and Emergency Vehicle Prioritization, Fifth International Conference on Computer Vision and Robotics (CVR 2025), NIT Goa, India.
6	Rahman, H., Abid, A. S., Rasmiya, Mohandas, P., Vijayan, A., & Anisha, N. K., Urban traffic congestion reduction through dynamic scheduling, First International Conference on Emerging Technologies in Engineering Applications (ICETEA), 2025
7	Abhinav Mishra, Prabu Mohandas, Aparna Vijayan, Anisha NK, Improving Intersection Traffic Flow Using Deep Q-Learning Algorithms, IEEE Region 10 Conference (TENCON 2025), Kota Kinabalu, Malaysia.
8	Patent : Green Corridor Path for Emergency Vehicles, 579845, 04/23/25.

Achievements/ Contributions

Sl. No	Name
1	5th Rank holder in university of Calicut for the B-Tech course in IT stream.
2	Best research paper awardee in Fifth International Conference on Computer Vision and Robotics (CVR 2025), NIT Goa, India, in the Robotics Track.
3	Selected as the best outgoing student for the academic year 2009-13 from

	Government Engineering College, Palakkad (B-Tech).
4	Selected as the best outgoing student for the academic year 2013-15 from Vedavyasa Institute of Technology, Malappuram (M-Tech).

Subjects Handled

Sl. No	Name
1	Theory of computation
2	Introduction to Python Programming