

Sl No.	Paper Title	Authors name	Publication Details
1	License Plate Detection and Privacy-Aware Masking in Surveillance Imagery	Adarsh U, Sangeeta Prasad, Jayanth C, Madhumitha, Dr. M. Uttarakumari, Prof. Manonmani. S	2023 7th International Conference on Computation System and Information Technology for Sustainable Solutions (CSITSS)
2	Android Dashboard App Development for Autonomous Vehicle Using Firebase	Bhumika Naidu CR, Disha M, Dwarakacherla Navya, Budhil S, Dr. M. Uttarakumari, Prof. Manonmani. S	2023 7th International Conference on Computation System and Information Technology for Sustainable Solutions (CSITSS)
3	"A Hybrid FAST-LIO 2 and SC ALOAM SLAM Algorithms for Autonomous Vehicles"	Vishnu Sai Jayam, Venkata Hanush Kanishetty, Mallikarjuna BP, Nishkal Nayak, Shwetha Baliga, Uttara Kumari.	ACCEPTED for oral presentation in SMARTCOM - 2024 and accepted paper of the conference as proceedings with Springer in their prestigious LNNS (Lecture Notes in Networks and Systems) series. This series is indexed in EI Compendex and Scopus databases.
4	"Implementation of Lane Detection Algorithms for Autonomous Vehicle using Lidar Point Cloud Data"	B. Roja Reddy, M Uttara kumari, Tunna Baitha, Akshitha S, Anjali M	7th International Conference on Computational Systems and Information Technology for Sustainable Solutions
5	Android Dashboard App Development for Autonomous Vehicle Using Firebase	Sai Shrushti S, H V Kumaraswamy, M Uttarakumari, B Roja Reddy, Tunna Baitha	Yet to submit
6	"Intelligent Acoustic Module for Autonomous Vehicles using Fast Gated Recurrent approach"	Raghav Rawat, Shreyash Gupta, Shreyas Mohapatra, Sujata Priyambada Mishra, Sreesankar Rajagopal	2021 4th International Conference on Recent Developments in Control, Automation & Power Engineering (RDCAPE).
7	"Sound Localisation of an Acoustic Source Using Time Delay and Distance Estimation"	Satya Prakash Pandey, Subham Satapathy, Prof.Sujata P Mishra, Dr. M Uttara Kumari	2022 International Conference on Smart Generation Computing, Communication and Networking (SMART GENCON), Karnataka, India.
8	"Cognitive Load Detection on Drivers by Pupillary Analysis "	Hemanthkumar V, Peddi Sourabh, Karthik A Maiya, Harish K, Mahendra B M, Dr. M. Uttara Kumari and Sujata Priyambada	2020 IEEE International Conference on Electronics, Computing and Communication Technologies (CONECCT)

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9	Object detection and depth estimation using deep learning	Rajani katiyar, M Uttarakumari, Karthik Panagar U, Kashinath Patil, Manjunath B M, Jeevan Gowda Y	Conference: 13th International Advanced Computing at Sharad Institute of Technology, College of Engineering, Kolhapur, Maharashtra
10	State-of-Charge Estimation Methodology for Lithium-Ion Batteries Utilizing Extended Kalman Filtering	Raja Vidya, Uttara Kumari, Sridhar R, Dhanush SR, Sharma SJ, HS UV, Prajwal BG	7th International Conference on Computation System and Information Technology for Sustainable Solutions (CSITSS) 2023 Nov 2 (pp. 1-5). IEEE