



SENGUNTHAR ENGINEERING COLLEGE

(AUTONOMOUS)

NAAC Accredited with 'A' Grade,

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)

Recognized Under Section 2(f) & 12(B) of the UGC Act, 1956

TIRUCHENGODE- 637 205



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ACADEMIC YEAR: 2022-2023

FACULTY PUBLICATIONS

S.No.	Name of the Faculty	Title	Details
1.	Dr.C.Aarthi, Prof & Head / ECE	Sensor Based Water Quality Monitoring and Leakage Detection System	International Journal of Engineering and Techniques, June 2022, ISSN 2395-1303
2.	Dr.P.Rameshkumar, Prof / ECE	Certain Investigation of Monitoring System in Transports using IOT	International Journal of Engineering and Techniques, June 2022, ISSN 2395-1303
3.	Mr.A.Rahul, AsP/ECE	Innovating Fire Detection Utilizing Raspberry Pi for Smart Cities	International Journal of Engineering and Techniques, June 2022, ISSN 2395-1303



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4.	Mr.P.Gopinath, AP/ECE	Effective Cargo Load Management Using Embedded System	International Journal of Engineering and Techniques, June 2022, ISSN 2395-1303
5.	Mrs.B.Bhuvaneswari, AP/ECE	Traffic Less System for Ambulances in Smart Cities	International Journal of Engineering and Techniques, June 2022, ISSN 2395-1303
6.	Mr.V.Gowthaman, AP/ECE	Android Based Internal Campus Navigation System	International Journal of Engineering and Techniques, June 2022, ISSN 2395-1303
7.	Mr.M.Baskaran, AP/ECE	Attendance Monitoring Systems for an Organization	International Journal of Engineering and Techniques, June 2022, ISSN 2395-1303
8.	Mr.M.Arunkumar, AP/ECE	Vehicle health monitoring and accident avoidance system based on IoT model	Journal of Intelligent & Fuzzy Systems, July 2022, ISSN 1064-1246



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9.	Mr.P.Gopinath, AP/ECE	Classification of vein pattern recognition using hybrid deep learning	Journal of Intelligent & Fuzzy Systems, September 2022, ISSN 1064-1246
10.	Dr.C.Aarthi, Prof & Head / ECE	Balanced Spider Monkey Optimization with Bi- LSTM for Sustainable Air Quality Prediction	MDPI, Sustainability (Anna University Annexure-I), January 2023, ISSN 1502-1637
11.	Dr.C.Aarthi, Prof & Head / ECE	fMRI-Based Alzheimer's Disease Detection Using the SAS method with Multi-Layer Perception Network	MDPI, Sustainability (Anna University Annexure-I), May 2023, ISSN 2076-3425
12.	Dr.C.Aarthi, Prof & Head / ECE	Secure Smart Healthcare Surveilliance Frame Using Fuzzy C-Means Clustering with Effective Ant Colony Optimization in Innternet of Things.	IEEE Xplore, December 2022

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