

**K.L.N. COLLEGE OF ENGINEERING, POTTAPALAYAM -630612**  
**An Autonomous Institution, Affiliated to Anna University Chennai)**  
**ELECTRONICS AND COMMUNICATION ENGINEERING**  
**JOURNAL PUBLICATIONS**  
**ACADEMIC YEAR 2023-24**

1. M.Ganga and N.Janakiraman, “Adaptive- sized residual fusion network- based segmentation of biomedical images”, Engineering Optimization, Vol. 56, No. 7, pp.1045-1064, 2024. ISSN: 1045-1064. DOI: 10.1080/0305215X.2023.2218799
2. S.Julicu Fusic and T.Sugumari, “A review of perception-based navigation system for autonomous mobile robots”, Recent Patents on Engineering, Vol. 17, No. 6, Article ID: e290922209298. ISSN: 2212-4047 DOI: 10.2174/1872212117666220929142031
3. V.S.Aishwarya, R.Angayarkanni, T.Sugumari and B.Balan, “Automatic plant monitoring system”, International Journal of Engineering Research and Technology, Vol. 12, No. 3, May 2024. ISSN: 2278-0181. DOI: 10.17577/IJERTCONV12IS03032
4. S.Subha, M.Hari Priyaa, F.Asraf Nisha, R.Deepika and G.Indhumathi, “Low cost cold storage unit for horticultural produce”, International Journal of Advanced Trends in Engineering and Management, Special Issue 2024, pp. 19-25, April 2024. ISSN: 2583-7052. DOI: 10.59544/xwtp4969/icmtem24p3
5. S.C.Sivaprakash, S.M.Amarnath, K.Gurubaran, M.Nagul Anand and J.Narasimhan, “Public issues and rectification portal”, International Journal of New Innovations in Engineering and Technology, Vol. 24, No. 1, pp. 695-699, March 2024. ISSN: 2319-63191.
6. S.R.Naresh, X.Bernis Mariya, S.Ilamathi and J.Latikaa Tejus, “An ESP32 based healthcare monitoring using integrating multiple sensors using Integromat and random forest algorithm”, International Journal of New Innovations in Engineering and Technology, Vol. 24, No. 1, pp. 900-906, March 2024. ISSN: 2319-63191.
7. T.Sugumari, M.Thrisha, M.R.K.Subratha and K.K.Urjita, “Flexible microstrip patch antenna for ISM band application”, International Journal of New Innovations in Engineering and Technology, Vol. 24, No. 1, pp. 700-705, March 2024. ISSN: 2319-63191.
8. S.R.Naresh, R.Mugeshwaran and K.R.Premkumar, “Vehicle speed management system”, International Journal of Research Publication and Reviews, Vol. 5, No. 5, pp. 6421-6424, May 2024. ISSN: 2582-7421.

9. S.R.Naresh, S.Regavendran and A.Mohamed Hafeef, "Bluetooth controlled car using Arduino", International Journal of Research Publication and Reviews, Vol. 5, No. 5, pp. 5655-5657, May 2024. ISSN: 2582-7421.
10. S.R.Naresh, R.Kowshik Narayan and S.Raja Ganapathy, "Blackmoon: Personal voice assistant", International Journal of Research Publication and Reviews, Vol. 5, No. 5, pp. 8099-8103, May 2024. ISSN: 2582-7421.
11. S.R.Naresh, K.Rishikesh and P.J.Makesh Babu, "Implementation of 16 bit RISC CPU at 1GHz clock speed in 45nm PDK", International Journal of Research Publication and Reviews, Vol. 5, No. 5, pp. 5751-5756, May 2024. ISSN: 2582-7421.
12. B.Buvaswari, T. R.Muthu, B.K.Priyadarshini, T.K.Veera Sarika and M.Rivena Merlin, "Water purity tester using machine learning algorithms", International Journal of New Innovations in Engineering and Technology, Vol. 24, No. 1, pp. 1056-1064, March 2024. ISSN: 2319-63191.
13. T.R.Muthu, B.Buvaswari, S.V.Arun Kumar, S.Karan, S.Mathanraja, "Smart crop: Automated crop monitoring and health assessment using machine learning and CNN", International Journal of New Innovations in Engineering and Technology, Vol. 24, No. 1, pp. 2276-2281, March 2024. ISSN: 2319-63191.
14. Gunji Sreenivasulu, Kavin Francis Xavier, M.Praveen, D.Arul Kumar, P.S.Kumaresh and G.Sudhakar, "Deep learning approach to detect gliomas brain tumour through classification at earlier stage", Intelligent Journal of Intelligent Systems and Applications in Engineering, Vol. 12, No. 3, pp. 1514-1520, 2024. ISSN: 2147-6799.
15. M.Amudha, K.S.Niranjan, R.Ramyogesh and A.V.Rakesh, "Detection of artificially ripening of fruits using image processing", International Journal of New Innovations in Engineering and Technology, Vol. 24, No. 1, pp. 1109-1112, March 2024. ISSN: 2319-63191.
16. S.Ravisankar, T.S.Nikilan, S.Sriram and V.Thirumalai Raj, "E Uzhavar Sandhai - Connecting farmers and consumers in the digital marketplace using web services", International Journal of New Innovations in Engineering and Technology, Vol. 24, No. 1, pp. 1050-1055, March 2024. ISSN: 2319-63191.
17. A.Meena, S.Pooja Mathumitha, A.Priyadarshini and V.Shree Nila, "Privacy control transaction using blockchain", International Journal of New Innovations in Engineering and Technology, Vol. 24, No. 1, pp. 1122-1126, March 2024. ISSN: 2319-63191.

18. R.Pavithra, S.S.Yuvaraj, K.Vibunarendar and P.Vasanth, "Predicting seat vacancy for rural development using machine learning and image processing with CNN and linear regression algorithms. International Journal of New Innovations in Engineering and Technology, Vol. 24, No. 1, pp. 1143-1148, March 2024. ISSN: 2319-63191.
19. R.Angayarkanni, R.Sobika, B.S.Subha Devi and M.L.Vaishnavi, "Integrating solar-powered smart cold storage to support small scale farmers", International Journal of New Innovations in Engineering and Technology, Vol. 24, No. 1, pp. 2332-2337, March 2024. ISSN: 2319-63191.