

## Faculty Research Publications National/International Journals

### Academic Year: 2023-2024

1. **Dr.S.C.Sivaprakash**, S.M.Amarnath , K.Gurubaran , M.Nagul Anand, J.Narasimhan, "Public Issues and Rectification Portal ", International Journal of New Innovations in Engineering and Technology, Volume 24 Issue 1 March 2024, ISSN: 2319-63191.
2. **Dr.N.Janakiraman**, M.Ganga." Adaptive-sized residual fusion network-based segmentation of biomedical images", Engineering Optimization, July 2023, E-ISSN: 1029-0273.
3. **Mr.S.R.Naresh**, Latikaa Tejus J, Ilamathi.S, Bernis Mariya," An ESP 32 based Healthcare monitoring using integrating multiple sensors using Integromat and Random Forest algorithm", International Journal of New Innovations in Engineering and Technology - IJNIET, Volume 24 Issue 2 – April 2024, ISSN:2319-63191.
4. **Mr.S.R.Naresh**, R. Mugeshwaran, K.R.Premkumar,"Vehicle speed management system", International Journal of Research Publication and Reviews, Volume 3, May 2024, ISSN: 2582-7421.
5. **Mr.S.R.Naresh**, Mr.S.Regavendran, Mr.A.Mohamed Hafeef, "Bluetooth Controlled CAR Using ARDUINO", International Journal of Research Publication and Reviews , Volume (5) Issue (5) – May 2024,ISSN: 2582-7421.
6. **Mr.S.R.Naresh**, R.Kawshik Narayan,S.Raja Ganapathy, " Blackmoon: Personal Voice Assistant", International Journal of Research Publication and Reviews , Volume (5) Issue (5) – May 2024,ISSN: 2582-7421.
7. **Mr.S.R.Naresh**, K.Rishikesh, P.J.Makesh Babu, " Implemetation of 16 Bit RISC CPU at 1GHz Clock Speed in 45nm PDK", Volume (5) Issue (5) – May 2024,ISSN: 2582-7421.
8. **Dr.B.Buveneswari** , **Dr.T.R.Muthu**, B.K,Priyadharshini, T.K.Veera Sarika, M.Rivenna Merlin, "Water Purity Tester using Machine Learning Algorithms",International Journal of New Innovations in Engineering and Technology - IJNIET, Volume 24 Issue 1 – March 2024, ISSN:2319-63191.
9. **Dr.T.R.Muthu** , **Dr.B.Buveneswari**, Karan S , Mathanraja S, Arun Kumar S V , Krishnan M, " Smart Crop: Automated Crop Monitoring and Health Assessment using Machine Learning and CNN", International Journal of New Innovations in Engineering and Technology - IJNIET,Volume 24 Issue 2 – April 2024, ISSN:2319-63191.

10. **Dr.S.Subha**, Asraf Nisha, F Deepika, RHaripriyaa, Indhumathi G, " Low cost cold storage unit for horticultural Produce", International Journal of Advanced Trends in Engineering and Management - IJATEM, March 2024, ISSN: 2583-7052.
11. **P.S.Kumaresh**, Gunji Sreenivasulu, Kavin Franch Xavier,M.Praveen,D.Arul Kumar G.Sudhakar, "Deep Learning Approach to Detect Gliomas Brain Tumour through Classification at Earlier Stage", Intelligent Systems and Applications In Engineering,March 2024,ISSN:2147-6799.
12. **Mrs. M. Amudha**, K. S. Niranjan, R. Ramyogesh, A.V.Rakesh, "Detection of Artificially Ripening of Fruits using Image Processing", International Journal of New Innovations in Engineering and Technology - IJNIET, Volume 24 Issue 1 – March 2024, ISSN:2319-63191.
13. **Mr.S. Ravisankar**,, T.S Nikilan, S. Sriram, V. Thirumalai Raj,"EUZHAVAR SANDHAI – Connecting Farmers and Consumers in the Digital Marketplace using web services", International Journal of New Innovations in Engineering and Technology - IJNIET, Volume 24 Issue 1 – March 2024, ISSN:2319-63191.
14. **Mrs.A.Meena**, Pooja Mathumitha S, Priyadarshini A, Shree Nila V, "Privacy control transaction using block chain", International Journal of New Innovations in Engineering and Technology - IJNIET, Volume 24 Issue 1 – March 2024, ISSN:2319-63191.
15. **Mrs. R. Pavithra**, S.S. Yuvaraj, K.Vibunarendar, 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 - IJNIET, Volume 24 Issue 1 – March 2024, ISSN:2319-63191.
16. **Mrs.T.Sugumari**, M.Thrisha,M.R.K.Subratha, Urjita K.K, " Flexible Micro strip Patch Antenna for ISM Band Application", International Journal of New Innovations in Engineering and Technology - IJNIET, Volume 24 Issue 1 – March 2024, ISSN:2319-63191.
17. **Mrs.T.Sugumari**, Fusir S.Julius, "A Review of Perception-Based Navigation System for Autonomous Mobile Robots", Recent Patents on Engineering, Volume 17, November 6, 2023, 13-22(10).

18. **Mrs.R.Angayarkanni**, Vaishnavi M L, Subha Devi B S, Sobika R, "Integrating Solar-Powered Smart Cold Storage to Support Small Scale Farmers", International Journal of New Innovations in Engineering and Technology - IJNIET, Volume 24 Issue 1 – March 2024, ISSN:2319-63191.
19. **Mrs.R.Angayarkanni, Mrs.T.Sugumari, Mr.B.Balan**, V.S.Iswarya, "Automatic Plant Monitoring System", International Journal of Engineering, Research and Technology, Volume 12 Issue 3 , May 2024, ISSN:2278-0181.
20. **Mr.S.R.Naresh** , R.Jeyanth Rosario " Real time Air Quality Monitoring and Prediction Using Sensing Networks" Volume 5, Issue 8 Aug 2023, ISSN:2395-5232.
21. **T Sugumari** , R Rajalakshmi, D Kavitha, , S Nivetha "A design thinking approach to develop entrepreneurial skills in the field of Mechatronics Engineering" Journal of Engineering Education Transformations Volume 37, Issue 2, Jan 2024, ISSN 2394-1707.
22. **T Sugumari** , S Julius Fusic, Jayant Giri, R Sitharthan "Momordica charantia leaf disease detection and treatment using agricultural mobile robot" AIP Publishing, Volume 14, Issue 4, April 2024, ISSN 2158-3226;
23. **T Sugumari**, S Julius Fusic, Jayant Giri, R Sitharthan "A compact smiley shaped flexible patch antenna for ISM band applications" Volume 14, Issue 6, June 2024, ISSN 2158-3226.