

International Journal

1. Palasri Dhar, Sunipa Roy, "Trench Dual Gate Junctionless Field Effect Transistor"2024, Journal of Integrated Circuits and Systems, DOI: <https://doi.org/10.29292/jics.v19i1.748>. Vol. 19 No. 1 (March 2024)
2. Palasri Dhar,Sunipa Roy "Impacts of Cavity Thickness and Insulating Material on Dielectric Modulated Trench Junction-less Double Gate Field Effect Transistor for Biosensing Applications",Current Materials Science, volume 17, issue , pages 1-9, year 2024, ISSN:2666-1454/2666-1462,doi:10.2174/0126661454274311231011070702.
3. Sunipa Roy, Swapna Das, Nabaneeta Banerjee, "Design optimization of microheater for gas sensor using genetic algorithm" published in AIP Conference Proceeding, Vol. 2876, PP: 030004-1–030004-7, September, 2023, <https://doi.org/10.1063/5.0166728>
4. Avali Banerjee, Surajit Basak, Koustab Maity, Debasis Banerjee, "A Review on IoT Based Smart Agriculture", Journal of Harbin Engineering University, Vol 45, No. 4, April 2024, Page: 535-547, ISSN: 1006-7043.
5. Surajit Basak, Soma Boral, Arun Kumar Mondal, Soumyadeep Ghosh and Anisha Roy, "Tele-operated Ground Vehicle: A Surveillance to War Field", YMER Journal, vol. 22, no. 12, pp 1469-1476, Dec. 2023. ISSN : 0044-0477.
6. Suparna Biswas, Application of Image Processing for COVID-19: A Review, Journal of Corona viruses, VOLUME 5, , NUMBER , 2024,ISSN: 2666-7975 (Online) - ISSN: 2666-7967 (Print) [10.2174/0126667975301173240607114109](https://doi.org/10.2174/0126667975301173240607114109)
7. Suparna Biswas, Moloy Dhar, "Oral Cancer Detection Using Deep Learning Technique: A Novel Approach" published in Journal of Technology, VOLUME 12 ISSUE 6,, ISSN: 1012-3407, June 2024.
8. Suparna Biswas,Suparna Karmakar, "An Efficient LSTM Based Model for Rainfall Prediction" Journal For Basic Sciences. June 2024. IF:65.7,ISSN: 1006-8341 Volume 24, Issue 6, 2024 Page no 393-406.
9. Suparna Biswas, Sayan Roy Chaudhuri, Sumedha Bhattacharya, Gautam Kr Das, Sumangal Bhaumik, Titas Bhaumik, "Machine Learning Based ECG Signal Classification", Journal For Basic Sciences, Volume 24, Issue 1, pp. 367-2377, January 2024, ISSN NO : 1006-8341.
10. Nabaneeta Banerjee, Abir Mitra, Chandrima Banerjee, "Autonomous Drone-Based Medical Supply Delivery for Remote Regions" published in Journal For Basic Sciences (JBS), VOLUME 24, ISSUE 6, pp: 506-514, ISSN: 1006-8341, June 2024, DOI:10.37896/JBSV24.6/3211 .
11. Nabaneeta Banerjee, Chandril Ghosh, Abir Mitra, Chandrima Banerjee, "Cutting-Edge Medical Robotics: Transforming Modern Healthcare" published in Journal For Basic Sciences (JBS), VOLUME 24, ISSUE 6, pp: 515-520, ISSN: 1006-8341, June 2024, DOI:10.37896/JBSV24.6/3212.

12. Suparna Biswas and Sayan Roy Chaudhuri, “Fuzzy Logic based Obstacle Avoiding Autonomous Robot”, Technische Sicherheit, ISSN NO: 1434-9728 Volume 24, Issue 3, June 2024. IF:6.1 . DOI:22.8342.TSJ.2023.V23.10.0. 1144
13. Suparna Biswas, Trishita Ghosh, Suparna Karmakar, “Congestion Control Method Using Vehicular Congestion Index by Reducing Messaging Broadcast Rate ” Journal of Systems Engineering and Electronics . ISSN NO: 1671-1793 Volume 34 ISSUE 6 2024, June 2024.
14. Suparna Biswas, Suparna Karmakar, Trishita Ghosh, Nikhil Kumar Rai, Vishal Shaw, Prince Singh “OCR Based Approach for Auto-Detection and Recognition of Vehicle Number Plate ” Heritage Research Journal Volume 72, Issue 4, March, 2024, ISSN No: 0474-9030.
15. Soma Boral, Soumyadeep Ghosh, Soumik Podder, Arun Kumar Mondal ,”Green and Smart Baby Bassinet: An Innovation for Rural Working Mothers”, Journal of Harbin Engineering University, Vol 45, Issue 3, ISSN 1006-7043, March, 2024.
16. Trilochan Patra, Swarup Kumar Mitra, “Performance Evaluation of a Maximum-Likelihood Optimum Receiver”, Advances in Transdisciplinary Engineering, Vol. 42, pp. 1196–1204, October 2023.
17. Nilanjan Byabarta, Abir Chatterjee, Swarup Kumar Mitra, “Radial Basis Function Method for Linearization of Thermocouple Data: An Efficient and Accurate Approach”, Journal of The Institution of Engineers (India): Series B, Vol. 105, Issue 1, pp. 157–163, January 2024.
18. Nilanjan Byabarta, Abir Chatterjee, Swarup Kumar Mitra, “Advanced Thermocouple Linearization Method Using Advanced Polynomial Fitting”, Journal of Mechanics of Continua and Mathematical Sciences, Vol. 19, Issue 1, pp. 47–58, January 2024.
19. Rathindra Nath Biswas, Anurup Saha, Swarup Kumar Mitra, Mrinal Kanti Naskar, “Design and Implementation of Anchor Coprocessor Architecture for Wireless Node Localization Applications”, Peer-to-Peer Networking and Applications, Vol. 17, pp. 961–984, February 2024