



Information Science and Engineering

List of Publications 2024 to 2025

List of Journals:

1. RAGHAVENDRA R J, Vanishree P, Sparsha P, Thanuja K.V, Rhutu Y, "A Brief Review of Face Anti-Spoofing Methods", GRADIVA REVIEW JOURNAL GRADIVA, 0363-8057, 11-5, pp. 492-507, 2025. (Scopus) DOI: <http://gradivareview.com/wp-content/uploads/2025/05/43.GRJ8176.pdf>
2. SUCHETHANA H C, "Antimicrobial Resistance in Foodborne Pathogens", Gradiva Review Journal An UGC care approved Group-II Jjournal, 0363-8057, 11-2, pp. 138-153, 2025. (Scopus) DOI: 10.37897/GRJ
3. CHETHAN G S, Shreya K V, Thanuja G R, Ekanthaiah C, Ankitha B M, "Face Recognition Attendance System Based on RealTime Video Processing", Journal of Systems Engineering and Electronics JSEE, 1671-1793, 35-2, pp. 71-74, 2025. (Scopus) DOI: 20.14118.jsee.2025.V35I2.2126
4. GIRISH MANTHA, HALESH P, Madhav S Saraf, Mohammed Shams Tabrez Mirza, Sagar M Bailappanavar, "Recipe Recommendation System Using Machine Learning Techniques", JOURNAL OF COMPUTER SCIENCE Science Publications, 1549-3636, 18-1, pp. 61-70, 2025. (Scopus) DOI: 10.15229.JCS.2025.V18I1.1488
5. AKSHAY M J, Pavan M, SWARNA GOWRI M S, TEJASWINI N R, VILASA BAI B G, SUPRIYA H B, "Hybrid Deep Learning Framework for Enhanced Text Summarization", Journal of Computer Science Science Publications, 1549-3636, 18-1, pp. 71-76, 2025. (Scopus) DOI: 10.15229.JCS.2025.V18I1.1489
6. AKSHAY M J, Pavan M, Pratheeksha N Hampole, Sowparnika K H, Sushmitha H S, T P Keerthi, "Machine Learning Based Approach for Phishing Attacks Detection and Prevention", Journal of Systems Engineering and Electronics Journal of Systems Engineering and Electronics, 1671-1793, 35-1, pp. 142-147, 2025. (Scopus) DOI: 20.14118.jsee.2025.V35I1.2090
7. PAVAN M, AKSHAY M J, ISIRI BHAT S M, MANASA K, SHREYA A P, "Virtual Mouse Using Hand Gesture Recognition", Journal of Computer Science Science Publications, 1549-3636, 18-1, pp. 8-15, 2025. (Scopus) DOI: 10.15229.JCS.2025.V18I1.1481
8. PAVAN M, AKSHAY M J, ANVITHA V, ASHITHA D, JAHNAVI N, JAHNAVI O M, "Areca Nut Disease Detection Using Deep Learning", Journal of Computer Science Science Publications, 1549-3636, 18-1, pp. 1-7, 2025. (Scopus) DOI: 10.15229.JCS.2025.V18I1.1481



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9. MANISHA K M, Aditya Nittala, Mahantesh P. Mattada, Vedant Pinjarkar, Bhumika Neole, Manisha Kogundi Math, "Optimizing neural radiance field: a comprehensive review of the impact of different optimizers on neural radiance fields", Bulletin of Electrical Engineering and Informatics Institute of Advanced Engineering and Science (IAES), 2302-9285, 14-1, pp. 476-484, 2024. (Scopus) DOI: 10.11591/eei.v14i1.8315
10. THARA K L, Likewin Thomas, Sandeep Telkar R, Sunil Kumar H R, "Deep Learning Techniques for Real-Time Object Detection and Classification", Springer Smart Systems: Innovation in Computing (SSIC), 978-981-97-3689-8, 392-1, pp. 307-318, 2024. (Scopus) DOI: https://doi.org/10.1007/978-981-97-3690-4_23
11. PAVAN KUMAR M P, Varsha M, Poornima B, Pavan Kumar MP, "Advanced Machine Learning Techniques for Disease Management in Paddy Crop for Sustainable Rice Production: Prediction of Rice Blast Disease Severity", Natural Resource Management Issues in Human-Influenced Landscapes IGI- Global Book Chapter, [No ISSN provided], 1-1, pp. 64-87, 2024. (Scopus, WoS) DOI: 10.4018/978-1-6684-7051-0.ch004
12. VISHWAS C G M, Dr. R Sanjeev Kunte, "Chaotic Map based Random Binary Key Sequence Generation", International Journal of Computer Network and Information Security MECS Press, 2074-9104, 16-4, pp. 102-117, 2024. (Scopus) DOI: 10.5815/ijcnis.2024.04.07
13. CHETHAN G S, Vaishnavi GP, Tasleema Banu, Sinchana D, Priyanka R, "IOT Based Smart Irrigation System Using ML", International Journal of Scientific Research in Engineering and Management IJSREM, 2582-3930, 9-1, pp. 1-5, 2025. (UGC) DOI: 10.55041/IJSREM41257
14. DEEPA V B, Shashank H, Shreyas Gatti, Suchin N S, Chandan B K, "Automation Irrigation System for Home Garden", IJMRSETM International Journal of Multidisciplinary Research in Science, Engineering, Technology & Management, 2395-7639, 11-8, pp. 10006-10011, 2024. (i-scholar)
15. THARA K L, Sunilkumar H R, "Evaluating Mental Well-being in Youth: Identification and Diagnostic Tools", International Journal of Scientific Research in Engineering and Management IJSREM, 2582-3930, 8-10, pp. 1-6, 2024. (UGC) DOI: <https://www.doi.org/10.55041/IJSREM38211>
16. SHARATH KUMAR S R, Sayed Aftab Ahamed, Girish Mantha, "Algorithm to Predict Heart Disease using Machine Learning", GIS Science Journal GIS Science Journal, 1869-9391, 11-7, pp. 320-327, 2024. (UGC) DOI: 20.18001.GSJ.2024.V11I7.24.41185620



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17. DEEPA V B, Adarsh N H, Gurukiran B B, Harshith K L, Jayanth A Gatti, "POTATO DISEASE IDENTIFICATION USING DEEP LEARNING", IJCRT IJCRT, 2320-2882, 13-1, pp. 349-351, 2025. (UGC)
18. SHARATH KUMAR S R, "Real-Time Driver Drowsiness Detection System Using Machine Learning", International Journal of Scientific Research in Engineering and Management (IJSREM) IJSREM, 2582-3930, 9-1, pp. 1-2, 2025. (UGC) DOI: 10.55041/IJSREM40697
19. PRATHIMA L, Pavan L, Pravith A P, Preetham B, Skanda M V, "Vehicle detection and counting in traffic signal using deep learning", International Journal of creative research thoughts (IJCRT) IJCRT, 2320-2882, 13-1, pp. 1-4, 2025. (None)
20. PRATHIMA L, Kavyashree L, Khutejal Kubra, Lavanya, Vaishanavi C S, "Voice and gesture based hot/cold water juice and syrup dispenser system in health care using IOT", GIS science journal GIS Science Journal, 1869-9391, 12-1, pp. 1-5, 2025. (UGC) DOI: 20.18001.GSJ
21. GIRISH MANTHA, Sayed Aftab Ahamed, Sharath Kumar S R, "Algorithm To Predict Heart Disease Using Machine Learning", GIS SCIENCE JOURNAL GS Publications, 1869-9391, 11-7, pp. 320-327, 2024. (UGC) DOI: 20.18001.GSJ.2024.V11I7.24.41185620
22. SAMARA MUBEEN, "Designing of Selection Framework of Fog Nodes and Device Nodes using the Performance Parameters", International Journal of Distributed and Cloud Computing Publishing India Group, 2321-6840, 13-1, pp. 1-7, 2025. (EBSCO)
23. RASHMI R, "Detection of food quality using machine learning", International Journal of Creative Research Thoughts ISSN-2320-2882, ISSN :2320-2882, 13-1, pp. 43018-43023, 2025. (UGC) DOI: 11-03-2025

List of Conferences:

1. SUDEEP MANOHAR, Dr. Kiran M, "Priority Based Efficient User Scheduling in Quadcopter Assisted 5G Network", 21st Control Instrumentation Systems Conference (CISCON-2024), MIT, Manipal, pp. 1-6, 2024. (Scopus) DOI: 10.1109/CISCON62171.2024.10696620
2. PAVAN KUMAR M P, Lavanya CN, HS Nagendra swamy, Pavan Kumar MP, "Data Pre-Processing Framework for Kannada Vachana Sahitya", AMATHE-2024, PESITM, Shivamogga, pp. 1-7, 2024. (Scopus) DOI: 10.1109/AMATHE61652.2024.10582201



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UG Programs:CE,ME,EEE,ECE,CSE,ISE,ETE accredited by NBA: 1.7.2022 to 30.6.2025,
Recognized by Govt. of Karnataka and Affiliated to VTU, Belagavi)



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List of Book Chapters:

1. AKSHAY M J, Dr. B G Premasudha, Dr. Seema B Hegde, Abhishek C. Hooli, "A Review on Smart Traffic Management with Reinforcement Learning", ICICT 2024: 9th International Congress on Information and Communication Technology, London, UK, pp. 455-470, 2024. (Scopus) DOI: https://doi.org/10.1007/978-981-97-3305-7_37