



ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY(A) (An AUTONOMOUS Institution)

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Department of CSE (AI&ML, DS)

Academic Year 2023-24

Journal Publications

Journal Articles- SCI/SCIE/ESCI	: 1
Journal Articles- Scopus	: 17
Journal Articles- UGC Care List	: 0
Journal Articles- Peer Reviewed	: 3
Total	: 21

Journal Articles- SCI/SCIE/ESCI

1. Ajmeera Kiran, Satish S. Salunkhe, **B. Srinivas**, M. Vanitha, Mohammed Altaf Ahmed, Janjhyam Venkata Naga Ramesh, "Accelerating autonomous vehicle safety through Real-Time Immersive virtual reality gaming simulations," Entertainment Computing, Volume 50, 2024, 100674, <https://doi.org/10.1016/j.entcom.2024.100674>

Journal Articles- Scopus

1. Rahul Kumar Singh, Shokhjakhon Abdufattokhov, **Dr Sanjiv Rao Godla**, Dr. Vuda Sreenivasa Rao, Prof. Ts. Dr. Yousef A. Baker El-Ebiary, Ricardo Fernando Cosio Borda, "MULTI LINEAR REGRESSION-BASED IOT AND FOG COMPUTING ON MAINTENANCE PREDICTIONS APPROACH FOR EFFICIENT ASSET MANAGEMENT IN INDUSTRY REVOLUTION 4.0", Journal of Theoretical and Applied Information Technology (JATIT), Vol.101. No 19, PP. 6056-6070, 2023, <https://www.jatit.org/volumes/Vol101No19/18Vol101No19.pdf>
2. **B. Manikyala Rao**, Mohammed Ali Hussain, "EFASFMM: A Unique Approach for Early Prediction of Type II Diabetics using Fire Fly and Semi-supervised Min-Max Algorithm", International Journal of Advanced Computer Science and Applications (IJACSA), 14(2), 2023. <http://dx.doi.org/10.14569/IJACSA.2023.0140278>
3. **Rao, B.M.**, Hussain, M.A. (2023). "Feature importance analysis for glucose level detection in type 2 diabetes using machine learning. Ingénierie des Systèmes d'Information", Vol. 28, No. 4, pp. 861-867. <https://doi.org/10.18280/isi.280407>
4. Ganesh Khikare, K. Pavan Kumar, Kundeti Naga Prasanthi, **Sanjiv Rao Godla**, Venubabu Rachapudi, Mohammed Saleh Al Ansari and Yousef A. Baker El-Ebiary, "Optimizing Network Security and Performance Through the Integration of Hybrid GAN-RNN Models in SDN-based Access Control and

Traffic Engineering”, International Journal of Advanced Computer Science and Applications(IJACSA), 14(12), 2023. <http://dx.doi.org/10.14569/IJACSA.2023.0141262>

5. A Satchidanandam, R. Mohammed Saleh Al Ansari, A L Sreenivasulu, Vuda Sreenivasa Rao, **Sanjiv Rao Godla** and Chamandeep Kaur, “Enhancing Style Transfer with GANs: Perceptual Loss and Semantic Segmentation”, International Journal of Advanced Computer Science and Applications (IJACSA), 14(11), 2023. <http://dx.doi.org/10.14569/IJACSA.2023.0141132>
6. N. V. Rajasekhar Reddy, Araddhana Arvind Deshmukh, Vuda Sreenivasa Rao, **Sanjiv Rao Godla**, Yousef A.Baker El-Ebiary, Liz Maribel Robladillo Bravo and R. Manikandan, “Enhancing Skin Cancer Detection Through an AI-Powered Framework by Integrating African Vulture Optimization with GAN-based Bi-LSTM Architecture”, International Journal of Advanced Computer Science and Applications(IJACSA), 14(9), 2023. <http://dx.doi.org/10.14569/IJACSA.2023.0140960>
7. Nripendra Narayan Das, Santhakumar Govindasamy, **Sanjiv Rao Godla**, Yousef A.Baker El-Ebiary and E.Thenmozhi, “Utilizing Deep Convolutional Neural Networks and Non-Negative Matrix Factorization for Multi-Modal Image Fusion” International Journal of Advanced Computer Science and Applications(IJACSA), 14(9), 2023. <http://dx.doi.org/10.14569/IJACSA.2023.0140963>
8. **Krovvidi S B Ambika**, “USE OF BIG DATA ANALYTICS TO POWER AI (ARTIFICIAL INTELLIGENCE) AND ML (MACHINE LEARNING) AUTOMATION”, Volume 19, Issue 1, PP. 389-398, 2023. <https://doi.org/10.18848/2324-7649/CGP/v19i01>
9. V Moses Jayakumar, R. Rajakumari, Kuppala Padmini, **Sanjiv Rao Godla**, Yousef A.Baker El-Ebiary and Vijayalakshmi Ponnuswamy, “Elevating Neuro-Linguistic Decoding: Deepening Neural-Device Interaction with RNN-GRU for Non-Invasive Language Decoding”, International Journal of Advanced Computer Science and Applications(IJACSA), 15(2), 2024. <http://dx.doi.org/10.14569/IJACSA.2024.0150233>
10. Kambala Vijaya Kumar, Y Dileep Kumar, **Sanjiv Rao Godla**, Mohammed Saleh Al Ansari, Yousef A.Baker El-Ebiary and Elangovan Muniyandy, “Enhancing Water Quality Forecasting Reliability Through Optimal Parameterization of Neuro-Fuzzy Models via Tunicate Swarm Optimization” International Journal of Advanced Computer Science and Applications(IJACSA), 15(3), 2024. <http://dx.doi.org/10.14569/IJACSA.2024.01503110>
11. Meenal R. Kale, Deepa, Anil Kumar N, N. Lakshmipathi Anantha, Vuda Sreenivasa Rao, **Sanjiv Rao Godla** and E. Thenmozhi, “Enhancing Cryptojacking Detection Through Hybrid Black Widow Optimization and Generative Adversarial Networks” International Journal of Advanced Computer Science and Applications(IJACSA), 15(3), 2024. <http://dx.doi.org/10.14569/IJACSA.2024.0150387>
12. Prajakta U. Waghe, A Suresh Kumar, Arun B Prasad, Vuda Sreenivasa Rao, E. Thenmozhi, **Sanjiv Rao Godla** and Yousef A.Baker El-Ebiary, “Blockchain-Enabled Cybersecurity Framework for Safeguarding Patient Data in Medical Informatics” International Journal of Advanced Computer Science and Applications(IJACSA), 15(3), 2024. <http://dx.doi.org/10.14569/IJACSA.2024.0150381>
13. R. Stella Maragatham, Yousef A. Baker El-Ebiary, Srilakshmi V, K. Sridharan, Vuda Sreenivasa Rao and **Sanjiv Rao Godla**, “Enhancing HCI Through Real-Time Gesture Recognition with Federated CNNs: Improving Performance and Responsiveness” International Journal of Advanced Computer Science and Applications(IJACSA), 15(4), 2024. <http://dx.doi.org/10.14569/IJACSA.2024.0150489>

14. Vuda Sreenivasa Rao, Shirisha Kasireddy, Annapurna Mishra, R. Salini, **Sanjiv Rao Godla** and Khaled Bedair, “Unveiling Spoofing Attempts: A DCGAN-based Approach to Enhance Face Spoof Detection in Biometric Authentication” International Journal of Advanced Computer Science and Applications(IJACSA), 15(4), 2024. <http://dx.doi.org/10.14569/IJACSA.2024.0150498>
15. N. Sunanda, K. Shailaja, Prabhakar Kandukuri, Krishnamoorthy, Vuda Sreenivasa Rao and **Sanjiv Rao Godla**, “Enhancing IoT Network Security: ML and Blockchain for Intrusion Detection” International Journal of Advanced Computer Science and Applications(IJACSA), 15(4), 2024. <http://dx.doi.org/10.14569/IJACSA.2024.0150497>
16. Anushree A. Aserkar, **Sanjiv Rao Godla**, Yousef A.Baker El-Ebiary, Krishnamoorthy and Janjhyam Venkata Naga Ramesh, “Real-time Air Quality Monitoring in Smart Cities using IoT-enabled Advanced Optical Sensors” International Journal of Advanced Computer Science and Applications(IJACSA), 15(4), 2024. <http://dx.doi.org/10.14569/IJACSA.2024.0150487>
17. Tripti Sharma, Desidi Narsimha Reddy, Chamandeep Kaur, **Sanjiv Rao Godla**, R. Salini, Adapa Gopi and Yousef A.Baker El-Ebiary, “Federated Convolutional Neural Networks for Predictive Analysis of Traumatic Brain Injury: Advancements in Decentralized Health Monitoring”, International Journal of Advanced Computer Science and Applications(IJACSA), 15(4), 2024. <http://dx.doi.org/10.14569/IJACSA.2024.0150494>

Journal Articles- Peer Reviewed

1. p, premchand and **prasad, durga** and gopi, chitteti, “Cloud powered telemedicine for enhanced remote monitoring and virtual consultations” (January 11, 2024). INTERNATIONAL JOURNAL OF PROGRESSIVE RESEARCH IN ENGINEERING MANAGEMENT AND SCIENCE, Vol. 04, Issue 01, January 2024, pp : 151-157, Available at SSRN: <https://ssrn.com/abstract=4699246>
2. p, premchand and **prasad, durga**, “Adaptive Soft Computing Strategies for Dynamic Multi Modal Environments” (January 11, 2024). INTERNATIONAL JOURNAL OF PROGRESSIVE RESEARCH IN ENGINEERING MANAGEMENT AND SCIENCE , Vol. 04, Issue 01, January 2024, pp : 225-231, Available at SSRN: <https://ssrn.com/abstract=4699252>
3. P.Keerthana, **Dr.B.Srinivas**, “Identification of Tomato Leaf Diseases for Agro-Based Industries using Novel PCA-DeepNet”, Volume 12 Issue 5, 2024, PP 487-495, <https://journaloftechnology.org/volume-12-issue-5-2024/>



Faculty in-charge



Head of the Department