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COLLEGE OF ENGINEERING & TECHNOLOGY

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Department of Computer Science and Engineering

Research Publications

Academic Year 2024-25

International Journals (with Impact Factor)	7
International Journals(Scopus)	5
International Conferences(Scopus)	2
UGC Journals	1
Total	15

International Journals (with Impact Factor)

1. V.V.Krishna Reddy, Radha V.K.Reddy, **M.M.Siva Krishna**, K.Balaji, M.Suresh Kumar, K.Chandra Sekhar, Deep learning based credit card fraud detection in federated learning, Expert Systems with Applications, 2024.
<https://www.sciencedirect.com/science/article/abs/pii/S0957417424013605>
2. Kapil Aggarwal, S.L. Jany Shabu, Muhammad Humza Farooq Siddiqui, M. Shanmathi, M. Malathi, **Dr.Ch.S.V.V.S.N.Murty**, novel framework for entertainment robots in personalized elderly care using adaptive emotional resonance technologies, Entertainment Computing, 2024
<https://www.sciencedirect.com/science/article/abs/pii/S1875952124001642>
3. Ajmeera Kiran, J. Refonaa. Muhammad Nabeel, N. Navaprakash, Vuyyuru Lakshma Reddy, **R.V.S. Lalitha**, Adaptive mixed reality robotic games for personalized consumer robotic entertainment, Entertainment Computing, 2024.
<https://www.sciencedirect.com/science/article/abs/pii/S1875952124001939>
4. K. Ashok, P. Anu, K.C. Rajheshwari, **R.V.S. Lalitha**, Ravi Kumar Tata, A. Kavitha, Interactive robots for personalized multimodal comedy experiments, Entertainment Computing, 2025.
<https://www.sciencedirect.com/science/article/abs/pii/S1875952124002428>
5. V. Kalpana, G. Jessy Sujana, K. Thyagarajan, **R.V.S. Lalitha**, Vamsidhar Talasila, Makarand Mohan Jadhav, Enhancing heat transfer coefficient predictions in complex geometries through hybrid machine learning approaches, Thermal Science and Engineering Progress, 2024.
<https://www.sciencedirect.com/journal/thermal-science-and-engineering-progress/>
6. Dr Meenakshi, Rajesh K Maurya, D Salangai Nayagi, Dr. R. Rambabu, Dr.V.Srilakshmi, Dr. Surjeet, Nallamilli V K Reddi, Enhanced Retail Sales Forecasting Using Optimized CNN-LSTM Hybrid Model: A Time Series-Based Analysis, Communications on Applied Nonlinear Analysis, 2025.
<https://internationalpubls.com/index.php/cana/article/view/2485/1518>

7. K. Srikanth, Dr. B. Ramasubba Reddy, Dr. P. Neelima, Dr. M. Sunil Kumar, Dr. D. Ganesh, Tirupathi" A Deep Learning Approach to Alzheimer's Diagnosis: A Highlighting the potential impact, Frontiers in Health Informatics, 2024.
<https://healthinformaticsjournal.com/index.php/IJMI/article/view/813>

International Journals(Scopus)

1. K. Kishore Raju¹, **Dr.Ch.S.V.V.S.N.Murty**, K.Suresh Kumar, G.Amdewar, K.Sai Kumar, Multi Dimensional Machine Intelligence Technique on High Computational Data for Bigdata Analytics, SSRG International Journal of Electrical and Electronics Engineering, 2024.
<https://www.internationaljournalsrsg.org/IJEEE/paper-details?Id=748>
2. G. Nalinipriya, M. Suneetha, Maria Mikhailova, **Sripada NSVSC Ramesh**, Kollati Vijaya Kumar, Leveraging Double-Valued Neutrosophic Set for Real-Time Chronic Kidney Disease Detection and Classification, International Journal of Neutrosophic Science, 2025.
<https://www.americaspg.com/articleinfo/21/show/2956>
3. Alexey Yumashev, P. Udayakumar, **Sripada NSVSC Ramesh**, E. Laxmi Lydia, Kollati Vijaya Kumar, Role of Rough Neutrosophic Attribute Reduction with Deep Learning-Based Enhanced Kidney Disease Diagnosis, International Journal of Neutrosophic Science, 2025.
<https://www.americaspg.com/articleinfo/21/show/2957>
4. **Gara Jaya Raju**. Dr G Samuel Vara Prasada Raju, Enhancing The Quality Of Iot-Bigdata To Improve Data Streaming Efficiency Using Artificial Intelligence Techniques, Nano Technology perceptions, 2024.
<https://nano-ntp.com/index.php/nano/article/view/2077>
5. **Challapalli Sujana**, Mylavaram Kalyan Ram, **Dr. RVS Lalitha**, Secure Data Storage using the Internet of Things (IoT) and a New, Affordable Blockchain Model, Library Progress International, 2024.
<https://bpasjournals.com/library-science/index.php/journal/issue/view/10>

International Conferences(Scopus)

1. R.V.S.Lalitha, Ch.Sujana, N.V.Lalitha, R.Sri Divya, M.Anil Kumar, D.V.Manjula, Optimizing feature selection process through variation inflation factor for air pollution analysis, 5-17, oct 2024 ICSES 2024 Pokhara university, Nepal, IEEE.
2. Ch.Sujana, Dr.R.V.S.Lalitha, Exploring the impact of Artificial Intelligence in health Diagnosis, 4-10-2024 to 5-10-2024 IC3T2024 Mohan babu university Tirupathi.

UGC Journals

1. I.V.S.Kalanjali, M.Sandhya, B.S.Jasmine, B.R.Sanjana, **Dr.M.Anil Kumar**, Healthy Me (Health Monitoring System using IOT and ML), International Journal of Research Publication and Reviews, 2024.



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