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P.B. No.20, B.B Road, Chikkaballapur - 562 101, Karnataka



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Department of Computer Science and Engineering

Paper publication Details for the academic year: 2024-2025

Sl. No.	Name of the Authors	Title of the Paper	ISBN/ISSN	DOI	Name of the Journal / Date of Publication
SCOPUS INDEXED JOURNALS - #10					
1	Dr. Murthy S V N	Hybrid fuzzy logic and gravitational search algorithm based routing for wireless sensor networks	2502-4752	10.11591/ijeecs.v35.i2.pp1296-1310	Indonesian Journal of Electrical Engineering and Computer Science August 2024

2	Dr. Seshaiyah M, Swetha T	Hybrid Machine Learning Approach for Real-Time Malicious URL Detection Using SOM-RMO and RBFN with Tabu Search	21565570	10.48550/arXiv.2407.06221	IJACSA/2024
3		Evaluating the Efficacy of Deep Learning Models in Network Intrusion Detection	2468-4376	10.55267/iadt	Journal of Information Systems Engineering and Management/2025
4	S. Manjunatha	A Novel ML-Driven Approach to Enhance CRN Performance under Varying Network Parameters	1590-1602	10.52783/jes.7547	J. Electrical Systems/2024
5	Rashmi K A	Advancements and Challenges in Multi-objective Workflow Scheduling Computing: A Comprehensive Survey	1671-1793	10.5281/zenodo.14000251	Journal of Systems Engineering and Electronics/2024
6	Gavina C G	Tool health monitoring in lathe turning process by artificial intelligence techniques — a review	1531-2003	10.1177/1063293X24130745	Concurrent Engineering

7	Suresh Kumar H S	Improving ICU Resource Allocation through Machine Learning-Based Comorbidity-Aware Admission Prediction	0023-074X	https://www.kexuetongbao-csb.com/article/improving-icu-resource-allocation-through-machine-learning-based-comorbidity-aware-admission-prediction	CSB/ November, 2024
8		Holistic AI-Based Prediction Model for COVID-19 Drug Efcacy in Patients with Comorbidities	03029743	10.1007/s42979-024-03431-x	SN Computer Science/Dec 2024
9	Gayathri V	AI- Powered Crop Monitoring for Early Detection of Paddy Leaf Diseases Using Attention-Based Densenets	2468-4376	https://www.jisemjournal.com/	Journal of Information Systems Engineering and Management 2025, 10(42s)
10		Integrating Deep Learning for Crop Recommendation and Plant Disease Detection	1660-6795	10.62441/nanontp.vi.3898	Nanotechnology Perceptions/2024

CONFERENCE JOURNALS - #15

1	S Swathi, Dr. B H Manjunatha Kumar	A Review On Audio- Based Suspicious Activity Detection	979-8-3315- 3701-2	10.1109/ICKECS657 00.2025.11035870	2025 International Conference on Knowledge Engineering and Communication Systems (ICKECS)
2	Dr. Seshaiiah M	Adaptive Learning Revolution with AI- Driven Personalization and Gamified Real- Time Interaction	979-8-3315- 3701-2	10.1109/ICKECS657 00.2025.11034830	2025 International Conference on Knowledge Engineering and Communication Systems (ICKECS)
3	Dr. Seshaiiah M, Dr. Shrihari M R, Ajay N	Agri Chain Sync: A Scalable and Secure Block chain- Enabled Framework for IOT-Driven Precision Agriculture	979-8-3315- 3701-2	10.1109/ICKECS657 00.2025.11035106	2025 International Conference on Knowledge Engineering and Communication Systems (ICKECS)
4	Dr. Seshaiiah M, Swetha T, Gayathri V	Advancing Parkinson's Disease Detection and Classification Through Integrated Deep Learning Models	979-83503 -7545-9	10.1109/ICDSCNC6 2492.2024.1094160 9	ICDSCNC /2024 IEEE

5	Dr. Seshaiyah M, Swetha T	Leveraging Transfer Learning for Enhanced Cyber security Threat Detection: A Novel Approach For Identifying Anomalies and Attacks□	979-8-3315-3701-2	0000-0003-1202-8302	2025 International Conference on Knowledge Engineering and Communication Systems (ICKECS)
6	Suresh Kumar H S	Enhancing ICU Admission Prediction for COVID-19 Patients using Decision Trees	2334-0940	10.1109/CONECCT62155.2024.10677322	CONECCT/September 21,2024
7		Holistic Prediction Model for Analyzing COVID-19 Severity in Patients with Comorbidities using Machine Learning	2769-5565	10.1109/RAICS61201.2024.10689867	CONECCT/September 21,2024
8		Medicine Recommendation System for Diseases Using Machine Learning	979-8-3315-3701-2	10.1109/ICKECS65700.2025.11035922	2025 International Conference on Knowledge Engineering and Communication Systems (ICKECS)

9	Manjunatha S	Machine Learning Based XSS Attack Identification and Prevention in Cloud Environments	979-8-3315-3701-2	10.1109/ICKECS65700.2025.11035840	2025 International Conference on Knowledge Engineering and Communication Systems (ICKECS)
10	Divakar K M, Dr. Murthy S V N	Intelligent and Smart Irrigation Systems Using IoT: A Comprehensive Engineering	979-8-3315-3701-2	10.1109/ICKECS65700.2025.11035917	2025 International Conference on Knowledge Engineering and Communication Systems (ICKECS)
11	Srinath G M	IOT based Sensing and Tracking System using Thing speak Cloud	979-8-3315-3701-2	10.1109/ICKECS65700.2025.11035161	2025 International Conference on Knowledge Engineering and Communication Systems (ICKECS)
12		Advanced Plant Pathology: Leveraging Deep Learning for Early Detection of Leaf Diseases	979-8-3315-3701-2		2025 International Conference on Knowledge Engineering and Communication Systems (ICKECS)

13	Venkatesh K, Srinivasa Murthy H	A Systematic Research Of Addressive Effect On Diabetic Retinopathy	979-8-3315- 3701-2	10.1109/ICKECS657 00.2025.11035856	2025 International Conference on Knowledge Engineering and Communication Systems (ICKECS)
14	Girish B G	Optimizing Data Center Load Balancing in Cloud Computing with SDN Controller	979-8-3503- 5968-8	10.1109/ICKECS614 92.2024.10616818	2024 International Conference on Knowledge Engineering and Communication Systems (ICKECS)
15		Fuzzy Logic Enhanced Delay Guarantee Routing in SDN Environments	979-8-3503- 5968-8	10.1109/ICKECS614 92.2024.10616737	2024 International Conference on Knowledge Engineering and Communication Systems (ICKECS)
OTHER JOURNALS - #1					

1	Dr. Seshaiiah M, Swetha T	Harnessing Deep Learning for Accurate Plant Leaf Disease Detection and Management	2349-9249		TIJER-International Research Journal on March 2025.
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