



RajaRajeswari College of Engineering
(An Autonomous Institute, Affiliated Visvesvaraya Technological University, Belagavi ,
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Department of Computer Science and Engineering

Scopus Publications for the Academic Year 2025-26

S.No	Name of the Authors	Title of the Paper	Department of the Teacher	Name of the Journal	Year of Publication	ISSN Number
1.	Dr R.Balakrishna	RATM: Reinforcement Learning for Co-Optimized CPU Scheduling and NUMA Memory Management in Compiler Design	CSE	IEEE Explore	2026	979-8-3315-5519-1
2.	Dr R.Balakrishna	Plant and Soil health Analyzer: An AI-Driven Web-Based Agricultural Decision Support System	CSE	International Journal of recent Trends in Multidisciplinary Research	2025	212-218
3.	Dr R.Balakrishna	Enhancing the Resilience of Critical Infrastructure through Advanced Cybersecurity Strategies Using A Conceptual Comprehensive Approach to Safeguard the Power Systems	CSE	The 7th IEEE International Conference on Information Systems and Computer Networks (ISCON 2025), IEEE Conference Record No: 65210,	2025	979-8-3315-9744-3
4	Dr R.Balakrishna	Gynaecological Disease Diagnosis Expert System (Gyneexpert)	CSE	Indian Journal of Computer Science and Technology	2025	363-368
5	Dr R.Balakrishna	Comprehensive Solution and Implementation of an 4Axis Selective Compliance Assembly Robotic Arm [SCARA] for Automated Pick-&-	CSE	2025 2nd Asia Pacific Conference on Innovation in Technology (APCIT)	2025	212-218

		Place of Integrated Circuit Components onto Printed				
6.	Dr R.Balakrishna	Design and implementation of a hyper-chaotic confusion–diffusion framework for highly secure image and video transmission integrated with massive MIMO and small-cell-enabled 5G	CSE	Journal of Basic Sciences & Engineering	2025	788-796
7	Dr R.Balakrishna	Artificial Intelligence in Personalized Education: Revolutionizing Learning Paths and Student Engagement	CSE	IGI Global Scientific Publishing	2025	453-468
8	Dr R.Balakrishna	SCADA – Data Security : DDoS Attack Analysis Using Time Series & its Application in the Communication Sector using Non-Linear Methods	CSE	Communications on Applied Nonlinear Analysis	2025	295-312
9	Dr Usha S	Microarray Data Feature Selection and Classification Using Graph Neural Networks	CSE	Springer Nature Switzerland	2025	243-251
10	Dr Usha S	Graph Neural Networks Applications: A Dwell into Biomedical Applications and Traffic Flow Analysis	CSE	Springer Nature Switzerland	2025	381-398
11	Dr Usha S	Unlocking Insights: A Guide to the Benefits of Graph-Represented Data in GNNS	CSE	Springer Nature Switzerland	2025	363-380
12	Dr Usha S	The convergence of artificial intelligence (AI) and 6G	CSE	Elsevier	2025	9780443189234

		communication networks : the needs and implications				
13	Dr D.Kirubha	Artificial intelligence framework for ISTAR missions in tactical networks using autonomous vehicles	CSE	Springer	2025	271 - 294
14	Dr D.Kirubha	DiabEyeNet: Integrating Residual Inception Networks and Chaotic Optimization for Robust Diabetic Retinopathy Detection	CSE	Iranian Journal of Science and Technology	2025	22286179
15	Dr D.Kirubha	GuavaCareNet: Empowering Guava Farms with Federated Learning for Real-Time Disease Diagnosis	CSE	2nd International Conference on Machine Learning and Autonomous Systems, ICMLAS 2025	2025	403 - 410
16	Dr Kamalraj T	A Techno-Economic Framework for Energy-Efficient and Intelligent Cold Storage Management in Agricultural Supply Chains	CSE	Engineering Technology and applied science research	2025	28324-28329
17	Dr Kamalraj T	an ai integrated renewable -powered cold storage system with advanced environmental sensing for small hold farmers	CSE	Engineering Technology and applied science research	2025	29391-29396
18	Dr Kamalraj T	Review on Agriculture Supply chain predicting agricultural product Demand and quality through integration	CSE	Lecture Notes in Electrical Engineering	2025	459-480
19	Dr. B. Lakshma Reddy	Integrated LSTM-Linear Regression Framework for Smart Agriculture	CSE	2025 2nd Asia Pacific Conference on Innovation in Technology (APCIT)	2025	468-475

		with Crop Yield Forecasting and Pest Detection				
20	Dr. B. Lakshma Reddy	A Hybrid AI System for Smart E-Waste Collection, Classification, and Resource Recommendation Using IoT and ML	CSE	2025 International Conference on Electronics and Computing, Communication Networking Automation Technologies (ICEC2NT)	2025	979-8-3315-2345-9
21	Dr. B. Lakshma Reddy	Leveraging Machine Learning Algorithms for Diabetes Prediction	CSE	2025 IEEE 4th International Conference on Data, Decision and Systems (ICDDS)	2025	979-8-3315-5479
22	Dr. B. Lakshma Reddy	Blockchain-Based Intrusion Detection and Response Framework for Secure Industrial IoT Networks	CSE	2025 International Conference on Communication and Smart Devices (ICCoSD)	2025	11348276
23	Dr. B. Lakshma Reddy	Designing Robust Wireless Ad Hoc Network Routing with Reinforcement Learning for Dynamic Environments	CSE	2025 International Conference on Networks and Cryptology (NETCRYPT)	2025	11102326
24	Dr. B. Lakshma Reddy	Data Mining Techniques for Customer Segmentation in E-Commerce Platforms: Unlocking the Power of Personalization	CSE	2025 3rd International Conference on Communication, Security, and Artificial Intelligence (ICCSAI)	2025	1064041
25	Dr. B. Lakshma Reddy	Personalized Learning Systems Using AI for Adaptive Educational Content Delivery Based on Reinforcement Learning Algorithms	CSE	2025 3rd International Conference on Communication, Security, and Artificial Intelligence (ICCSAI)	2025	11064584

	Dr. Richard William	Generative AI Innovations Related to AI-Generated Art, Music, Images, Virtual Influencers, Ethical Issues	CSE	Grenze International Journal of Engineering and Technology, January Issue	2026	12.1.513_1
27	Mrs Priya Dharshini	Generative AI Innovations Related to AI-Generated Art, Music, Images, Virtual Influencers, Ethical Issues	CSE	Grenze International Journal of Engineering and Technology, January Issue	2026	12.1.513_1
28	Ms Indra.S	Generative AI Innovations Related to AI-Generated Art, Music, Images, Virtual Influencers, Ethical Issues	CSE	Grenze International Journal of Engineering and Technology, January Issue	2026	12.1.513_1

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