



PANIMALAR ENGINEERING COLLEGE

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DEPARTMENT OF CSBS

FACULTY PUBLICATION IN CONFERENCE PROCEEDINGS (2024-25)

S. No.	AUTHORS	TITLE OF THE PAPER	CONFERENCE DETAILS (Name of the Conference, Venue, Date)	NAME OF THE JOURNAL & PUBLISHER	DOI	Indexing (Scopus/Google Scholar)
1.	S. Sendhilkumar, G. S. Mahalakshmi, A. Swaminathan & K. Sai Anirudh	Automated Indigenous Plant Recognition and Medicinal Value Extraction System	IFIP Advances in Information and Communication Technology, 2024, 717 IFIPAICT	Springer Nature Link	https://doi.org/10.1007/978-3-031-69982-5_28	Scopus

S. No.	AUTHORS	TITLE OF THE PAPER	CONFERENCE DETAILS (Name of the Conference, Venue, Date)	NAME OF THE JOURNAL & PUBLISHER	DOI	Indexing (Scopus/Google Scholar)
2	Jagan A , Senthil Kumar D ,KarunakaranS ,Nagevswari D, Regina SHobaDass ,J.Seetha	Next-Gen Mental Health Detection through Deep Learning and NLP in Social Media	2024 First International Conference on Innovations in Communication s, Electrical and Computer Engineering (ICICEC)	IEEE Xplore	DOI: 10.1109/ICICEC62498.2024.10808285	Scopus
3	S.Muruganandam S.Gnanavel K.E.Narayana M.Jaeyalakshmi K Antony Kumar	Hybrid Algorithm for Secure Routing in MANET Using Cryptographic Applications	International Conference on Electronic Systems and Intelligent Computing (ICESIC) 2024, Veltech University	IEEE Xplore	DOI: 10.1109/ICESIC61777.2024.10846551	Scopus

S. No.	AUTHORS	TITLE OF THE PAPER	CONFERENCE DETAILS (Name of the Conference, Venue, Date)	NAME OF THE JOURNAL & PUBLISHER	DOI	Indexing (Scopus/Google Scholar)
4	Ravi Kumar Saidala; Haseeb V V; G. Padmapriya; Jayabalan S ; V. Kalai Priya; Anwar Ahamed Shaikh	Interoperability and Standardization in the Internet of Things	2024 Ninth International Conference on Science Technology Engineering and Mathematics (ICONSTEM)	IEEE Xplore	DOI: 10.1109/ICONSTEM60960.2024.10568856	Scopus
5	Manjula Shanbhog; Neha Bhatia; A Swathi Singh; M Pavithra	Plant Disease Detection and Classification using Emperor Penguin Optimizer (EPO) based Region Convolutional Neural Network (RCNN)	2024 International Conference on Trends in Quantum Computing and Emerging Business Technologies	IEEE Xplore	DOI: 10.1109/TQCEBT59414.2024.10545105	Scopus

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6	S. S, Mahalakshmi Madumitha S, Swaminathan A	Deep Herb: Ayurveda Dry Herb Recognition and Question Answering Using Deep Learning	2024 International Conference on Computational Intelligence and Network Systems (CINS)	IEEE Xplore	DOI:10.1109/CINS63881.2024.10864438	Scopus
7.	1.Thangavel, Gunasekaran 2.Rajan, Sheeba 3. Subbulekshmi S. 4. Anthonisamy, Arun 5. Ganapathi, Rohini 6. Velankanni, Gowri	A new symbol timing and carrier frequency offset estimation algorithm for OTFS for B5G	2nd International Conference on Emerging Research in Computational Science, ICERCS 2024	IEEE Xplore	DOI: 10.1109/ICERCS63125.2024.10895755	Scopus

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8.	1. Vivekanandan, Karthi 2. Kaleeswari B 3. Natchiammai P.L 4. Anthonisamy, Arun 5. Vijayabharathi R. 6. Alagarsamy, Manjunathan	Leveraging Data Analytics to Enhance Smart Home Efficiency and Security	2nd International Conference on Emerging Research in Computational Science, ICERCS 2024	IEEE Xplore	DOI: 10.1109/ICERCS63125.2024.10895727	Scopus
9.	1.Thangavel, Gunasekaran 2.Banu, M. Ameena 3. Anthonisamy, Arun 4. Hemalatha M. 5. Manikandan, Raja	Advancements in Wireless Networks: Transition from 5G to Beyond	2nd International Conference on Emerging Research in Computational Science, ICERCS 2024	IEEE Xplore	DOI: 10.1109/ICERCS63125.2024.10895937	Scopus

S. No.	AUTHORS	TITLE OF THE PAPER	CONFERENCE DETAILS (Name of the Conference, Venue, Date)	NAME OF THE JOURNAL & PUBLISHER	DOI	Indexing (Scopus/Google Scholar)
10.	Purushothaman Ramai a Sathya Selvaraj Sinnasamy , Vairaprakash Selvaraj Rajkumar Ramasamy Arun Anthonisamy and Sangeetha Kuppusamy	Investigation on the Incorporation of Internet of Things with Wireless Sensor Networks Based on Path Vector Hop Count and Limited Bandwidth Channel IoT Mechanism †	The 11th International Electronic Conference on Sensors and Applications session Sensor Networks, IoT, Smart Cities and Health Monitoring	SCI forum MDPI	https://doi.org/10.3390/ecsa-11-20372	Scopus
11	Pawan Kumar Verma , Divya Midhun , Hemalatha	[Advances in Leaf Disease Detection: A Comprehensive Review of Image-Based Techniques and Future Opportunities]	SGS- Engineering & Sciences	, SPAST Open Access	https://spast.org/techrep/article/view/5210	Scopus

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12	Dattatreya P. Mankame ,Amiya Bhaumik , Hemalatha	[Advancements in Generating Synthetic Face Recognition Data: Approaches and Methods]	SGS-Engineering&Sciences	SPAST Open Access	https://spast.org/techrep/article/view/5275#:~:text=GAN%2Dbased%20methods%2C%20mainly%20StyleGAN,Kingma%20%26%20Welling%2C%202013.	Scopus

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13	Rubini., Midhunchak karavarthy , Hemalatha	[Applied Behavior Analysis Therapy for Autistic Children through Audio & Video for Psychological Intervention using Artificial Intelligence]	SGS-Engineering&Sciences	,SPAST Open Access	https://spast.org/techrep/article/view/5222	Scopus