

Publication list 2020-2024, Department of ECE

Publications 2023-2024

S I. N o	Faculty Name	Title of the Paper	Name of the Journal/B ook Chapter	Name of the Conference	Publisher	Month of Publicat ion	(SCI E/ SCO PUS)
1	Chaitha nyadas Nidhin	Computer-aided diagnosis for early detection and staging of human pancreatic tumors using an optimized 3D CNN on computed tomography	Multimedi a Systems		Springer	August	SCI
2	Chaitha nyadas Nidhin	State of art techniques of effecive segmentation and classification of pancreatic cancer using deep learning: A review		Intelligent computing and control for Engineering and business systems	IEEE	Decembe r	Scop us https://www.springer.com/journal/530
3	Vinoj P G	EEG actuated upper limb rehabilitation through LSTM	Internation al Journal of Science Technolog y and Innovation		IHRD	March	
4	Vinoj P G	Futuristic Trends in Robotics & Automation Volume 3, Book 1	Chapter 2 :APPLICAT IONS AND CHALLENG ES IN SERVICE AND SECURITY ROBOTS			Volume: 3, Month: May, Yea r:2024 Page No.30-42 e- ISBN:97 8-93-	Boo k Chap ter

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Publications 2022-2023

1	Anandhi V	Malware Detection using Dynamic Analysis		International Conference on Advances in Intelligent Computing and Application	IEEE Explore	Mar-23	Scopus
2	Lekshmi Nair M	Strategies of Power allocation for QoS parameters in NOMA for 5G Wireless Communication		International Conference on Artificial Intelligence and software Engineering		Mar-23	Conference Proceedings
3	Mary Catherine V. G	Wearable Fabric Tactile Sensors for Robotic Elderly Assistance		International Conference on Smart Technologies, Communication & Robotics (STCR) Sathyamangalam	IEEE XPLORE	Dec-22	https://ieeexplore.ieee.org/document/10009305
4	Praveena S Kammath	Detection of Bundle Branch Blocks using Machine Learning Techniques	Indonesian Journal of Electrical Engineering and Informatics		IJEEI	Sep-22	Scopus https://doi.org/10.52549/ijeie.v10i3.3852
5	Anandhi V	Performance evaluation of deep neural network on	Cluster computing		Springer	Aug-22	SCI https://doi.org/1

		malware detection : visual feature approach					0.1007/s10586-022-03702-3
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Publications 2021-22

1	Vinoj P G	Deep learning Brain Actuated Bidirectional Communication and Rehabilitation aid for the Quadriplegic	Secure Cyber Computing and Communications		IEEE Explore	21-Oct	SCI 10.1109/ICSCC.C51823.2021.9478146
2	Anandhi V	Malware visualization and detection using DenseNets	Personal and Ubiquous Computing		Springer	Jul-24	https://doi.org/10.1007/s00779-021-01581-w SCI
3	Dr.Parvathy.M	Automated Power Depiction using Iot platform	Turkish online journal of qualitative inquiry(TOJQI)		Turkish online journal of qualitative inquiry(TOJQI)	21-Jul	Scopus https://www.tojqi.net/index.php/journal/article/view/1121/485
4	Vinoj P G	IoT-powered deep learning brain network for assisting quadriplegic people	ELsevier CAEE	Elsevier		21-Jul	SCI

Publications 2020-21

1	Dr.Sunil Jacob	An Adaptive and Flexible Brain Energized Full Body Exoskeleton With IoT Edge	IEEE ACCESS		IEEE	2020	10.1109/ACCESS.2020.2997727
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		for Assisting the Paralyzed Patients					
2	Vinoj P G	A novel spectrum sharing scheme using dynamic long short-term memory with CP-OFDMA in 5G networks	IEEE Transaction on Cognitive Communication		IEEE	January 2020	10.1109/TCCN.2020.2970697
3	Vinoj P G	IoT-powered deep learning brain network for assisting quadriplegic people	Elsevier journal on Computer and Electrical Engineering		Elsevier	July 2021	https://doi.org/10.1016/j.compelceceng.2021.107113
4	Sreeja K A	Automated detection of retinal hemorrhage based on supervised classifiers	Indonesian Journal of Electrical Engineering and Informatics			March 2020	Scopus
5	Sreeja K A	Retinal Image Enhancement by Intensity Index Based Histogram Equalization for Diabetic Retinopathy Screening		2 nd EAI International conference on Big data Innovation for Sustainable cognitive computing	EAI/Springer	January 2021	https://doi.org/10.1007/978-3-030-47560-4_8
6	Sreeja K A	Automated Detection of Retinal Hemorrhage Based on Supervised Classifiers and Implementation in Hardware		Smart trends in Computing and communication Proceedings of Smartcom	Springer	January 2021	https://doi.org/10.1007/978-981-15-5224-3_6