Publication list 2020-2024, Department of ECE

Publications 2023-2024

Sl. No	Faculty Name	Title of the Paper	Name of the Journal/Book Chapter	Name of the Conference	Publisher	Month of Publication	(SCIE/ SCOPUS)
1	Chaithanyadas Nidhin	Computer-aided diagnosis for early detection and staging of human pancreatic tumors using an optimized 3D CNN on computed tomography	Multimedia Systems		Springer	August	SCI
2	Chaithanyadas Nidhin	State of art techniques of effecive segnentation and classification of pancreatic cancer using deep learning: A review		Intelligent computing and control for Engineering and business systems	IEEE	December	Scopus https://www.springer.com/journal/530
3	Vinoj P G	EEG actuated upper limb rehabilitation through LSTM	International Journal of Science Technology and Innovation		IJSTI	March	

#	Author	Title	Chapter	Conference/Journal	Publisher	Date	Link/Type
4	Vinoj P G	Futuristic Trends in Robotics & Automation Volume 3, Book 1	Chapter 2 :APPLICATIONS AND CHALLENGES IN SERVICE AND SECURITY ROBOTS			Volume :3, Month: May,Year:2024 Page No.30-42 e-ISBN:978-93-6252-060-9	Book Chapter

Publications 2022-2023

#	Author	Title		Conference	Publisher	Date	Link/Type
1	Anandhi V	Malware Detection using Dynamic Analysis		International Conference on Advances in Intelligent Computing and Application	IEEE Explore	Mar-23	https://ieeexplore.ieee.org/document/10074588
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/ijeei.v10i3.3852
5	Anandhi V	Performance evaluation of deep neural network on malware detection : visual feature approach	Cluster computing		SPRINGER	Aug-22	SCI https://doi.org/10.1007/s10586-022-03702-3

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	Scopus 10.1109/ICSCCC51823.2021.9478146
2	Anandhi V	Malware visualization and detection using DenseNets	Personal and Ubiquous Computing		Springer	Jul-24	https://doi.org/10.1007/s00779-021-01581-wSCI
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 for Assisting the Paralyzed Patients	IEEE ACCESS		IEEE	2020	10.1109 /ACCE SS.2020 .299772 7
2	Vinoj P G	A novel spectrum sharing scheme using dynamic long short-term memory with CP-OFDMA in 5G networks	IEEE Transactio n on Cognitive Communi cation		IEEE	Januar y 2020	10.1109 /TCCN. 2020.29 70697
4	Sreeja K A	Automated detection of retinal hemorrhage based on supervised classifiers	Indonesian Journal of Electrical Engineerin g and Informatic s			March 2020	scopus
5	Sreeja K A	Retinal Image Enhancement by Intensity Index Based Histogram Equalization for Diabetic Retinopathy Screening		2nd EAI International conference on Big data Innovation for Sustainabl e cognitive computing	EAI/Spri nger	Januar y2021	https://d oi.org/1 0.1007/ 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 |