



PANIMALAR ENGINEERING COLLEGE

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DEPARTMENT OF CSBS JOURNAL PUBLICATIONS

AY 2022-23

S.NO	AUTHORS	PAPER TITLE	JOURNAL NAME	INDEXED (UGC CARE/ SCOPUS/ WOS)	LINK
1.	Dr.K.Santhi, et., al.,	A Deep Learning Computational Approach For The Classification Of COVID-19 Virus	Computer Methods In Biomechanics And Biomedical Engineering: Imaging & Visualization	WOS	https://www.tandfonline.com/doi/full/10.1080/21681163.2022.2111722
2.	Dr.K.Santhi, et., al.,	Predictive Analysis Of COVID 19 Disease Based On Mathematical Modelling And Machine Learning Techniques	Computer Methods In Biomechanics And Biomedical Engineering: Imaging & Visualization	WOS	https://www.tandfonline.com/doi/full/10.1080/21681163.2022.2120829
3.	Dr.J.Seetha, et., al.,	Computer-Aided Detection of Skin Cancer Detection from Lesion Images via Deep-Learning Techniques	International journal on recent and innovation trends in computing and communication	Scopus	https://www.scopus.com/authid/detail.uri?authorId=54883958100



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4	Dr.J.Seetha, et., al.,	Examining the Impacts of Climate Variability on Agricultural Phenology: A Comprehensive Approach Integrating Geoinformatics, Satellite Agrometeorology, and Artificial Intelligence	International Journal of Intelligent Systems and Applications in Engineering (IJISAE)	Scopus	https://www.scopus.com/authid/detail.uri?authorId=54883958100
5	Dr.J.Seetha, et., al.,	Design an Ant Lion-Based Yolo-V5 Model for Prediction and Classification of Paddy Leaf Disease	International Journal of Intelligent Systems and Applications in Engineering (IJISAE)	Scopus	https://www.scopus.com/authid/detail.uri?authorId=54883958100
6	Mrs.K.Kiruthika, et., al.,	Forest fire management using machine learning techniques	Measurement: Sensors	Scopus	https://www.scopus.com/authid/detail.uri?authorId=57215480073



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7	Sheela Rani P. , et., al.,	Security-Aware and Privacy- Preserving Blockchain Chameleon Hash Functions for Education System	ECTI Transactions on Computer and Information Technology (Open Access)	Scopus	https://ph01.tci-thaijo.org/index.php/ecti/article/view/252014
8	Hemalatha S, et., al.,	Automated service assistances to the visually impaired people using android application	World Journal of Engineering	Scopus	https://www.scopus.com/authid/detail.uri?authorId=57210077349
9	Hemalatha S, et., al.,	A Survey on Covid-19 & Its Impacts	International Journal of Intelligent Systems and Applications in Engineering	Scopus	https://www.scopus.com/authid/detail.uri?authorId=57210077349
10	Hemalatha S, et., al.,	Assistive Tools for Machine Communication for Preventing Children and Disabled Persons from Electric Hazard Using Cyber Physical System	International Journal of Intelligent Systems and Applications in Engineering	Scopus	https://www.scopus.com/authid/detail.uri?authorId=57210077349



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11	Hemalatha S, et., al.,	Using IoT- Implement Intensive Care for Air Conditioners with Machine Learning	International Journal of Intelligent Systems and Applications in Engineering	Scopus	https://www.scopus.com/authid/detail.uri?authorId=57210077349
12	Hemalatha S, et., al.,	Challenges on Missing Packet Detection or Packet Dropping Attacks in Mobile Adhoc Network - A Survey	International Journal of Recent and Innovation Trends in Computing and Communication	Scopus	https://www.scopus.com/authid/detail.uri?authorId=57210077349
13	Hemalatha S, et., al.,	Intelligent Buffer Management Algorithm to Prevent Packet Loss in Mobile Adhoc Network	International Journal of Recent and Innovation Trends in Computing and Communication	Scopus	https://www.scopus.com/authid/detail.uri?authorId=57210077349
14	Hemalatha S, et., al.,	MANET Congestion Control Mechanism - Challenges and Survey	International Journal of Recent and Innovation Trends in Computing and Communication	Scopus	https://www.scopus.com/authid/detail.uri?authorId=57210077349
15	Hemalatha S, et., al.,	An Efficient Android Malware Detection Using Adaptive Red Fox Optimization Based CNN	Wireless Personal Communications	Scopus	https://www.scopus.com/authid/detail.uri?authorId=57210077349



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16	Hemalatha S, et., al.,	Machine Learning Technique for Precision Agriculture Applications in 5G-Based Internet of Things	Wireless Communications and Mobile Computing	Scopus	https://www.scopus.com/authid/detail.uri?authorId=57210077349
17	Hemalatha S, et., al.,	Novel Link Establishment Communication Scheme against Selfish Attack Using Node Reward with Trust Level Evaluation Algorithm in MANET	Wireless Communications and Mobile Computing	Scopus	https://www.scopus.com/authid/detail.uri?authorId=57210077349
18	Hemalatha S, et., al.,	Hybrid Block- Based Lightweight Machine Learning-Based Predictive Models for Quality Preserving in the Internet of Things- (IoT-) Based Medical Images with Diagnostic Applications	Computational Intelligence and Neuroscience	Scopus	https://www.scopus.com/authid/detail.uri?authorId=57210077349



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19	Hemalatha S, et., al.,	Intelligent Wearable Devices Enabled Automatic Vehicle Detection and Tracking System with Video-Enabled UAV Networks Using Deep Convolutional Neural Network and IoT Surveillance	Journal of Healthcare Engineering	Scopus	https://www.scopus.com/authid/detail.uri?authorId=57210077349
20	Hemalatha S, et., al.,	An efficient fuzzy deep learning approach to recognize 2D faces using FADF and ResNet-164 architecture	Journal of Intelligent and Fuzzy Systems	Scopus	https://www.scopus.com/authid/detail.uri?authorId=57210077349
21	Hemalatha S, et., al.,	A Liver Damage Prediction Using Partial Differential Segmentation with Improved Convolutional Neural Network	Journal of Healthcare Engineering	Scopus	https://www.scopus.com/authid/detail.uri?authorId=57210077349



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22	Hemalatha S, et., al.,	Wireless Sensor Data Acquisition and Control Monitoring Model for Internet of Things Applications	Scientific Programming	Scopus	https://www.scopus.com/authid/detail.uri?authorId=57210077349
23	Hemalatha S, et., al.,	Integrating Nanomaterial and High- Performance Fuzzy-Based Machine Learning Approach for Green Energy Conversion	Journal of Nanomaterials	Scopus	https://www.scopus.com/authid/detail.uri?authorId=57210077349
24	Hemalatha S, et., al.,	Machine Learning-Based Secure Data Acquisition for Fake Accounts Detection in Future Mobile Communication Networks	Wireless Communications and Mobile Computing	Scopus	https://www.scopus.com/authid/detail.uri?authorId=57210077349



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25	Hemalatha S, et., al.,	Biosensor-Assisted Method for Abdominal Syndrome Classification Using Machine Learning Algorithm	Computational Intelligence and Neuroscience	Scopus	https://www.scopus.com/authid/detail.uri?authorId=57210077349
26	Hemalatha S, et., al.,	Artificial Intelligence-Based Smart Comrade Robot for Elders Healthcare with Strait Rescue System	Journal of Healthcare Engineering	Scopus	https://www.scopus.com/authid/detail.uri?authorId=57210077349
27	Hemalatha S, et., al.,	Thwart distributed denial of service attacks (DDOS) in Manet for medical image transmission in security issue hospital	Asian Journal of Information Technology	Scopus	https://www.scopus.com/authid/detail.uri?authorId=57210077349