A P S College of Engineering
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Department of Computer Science and Engineering

Faculty Publication Details

Sl. No	Faculty	Title	Name of the Journal /Conference /publisher	ISSN / ISBN	Year
1.	Dr. Shivmurthaiah M	1. An Improved Gannet Optimization Algorithm Based on Opposition-Based Schemes for Feature Selection Problems in High-Dimensional Datasets.	SN Computer Science/ Springer Nature	ISSN (2662-995X)	2024
		2. An Extensible Extracting Approach for Unstructured Data Processing.	Nanotechnology Perceptions	ISSN (1660-6795)	2024
		3. Design and Development of a Case Study on a Simple Banking System (SBS) by Applying the Concepts of Django Models, Views, Templates, Admin Interfaces, and Forms Using Full-Stack Development Framework.	Journal of Open Source Developments	ISSN (2395-6704)	2024
		4. Effective Business Analytics Process in E-Com.	Nanotechnology Perceptions	ISSN (1660-6795)	2024
		5. Deep Analysis and Advancemts in Named Entity Recognition –NER.	Journal of Harbin Engineering University	ISSN (1006-7043)	2024
2.	Dr. Seema J K	1. Orthogonal Codes convolution with Closest Match Error Control Coding for Wireless Sensor Networks			2022
		2. Markov model based dynamic chain routing protocol for grid WSN	Springer India		2022
3.	Dr. Mithun B N	1.Applying Encryption and Decryption Algorithm for Data Security in Cloud	IJEMT		2022
		2. Text Summarization techniques for Kannada Language	Springer, Singapore		2024
		3. Artificial Intelligence and Academia: Navigating Challenges and Future Horizons	Library Progress International		2024
		4. Exploring Quantum Simulation: Leveraging VQE and QAOA algorithms for modeling of Natural Systems	International Conference on Computing and Intelligence Information Systems		2024

4.	Dr. Krushitha Shetty	In-situ preparation of silk-cocoon derived carbon and LiFePO4nanocomposite as cathode material for Li-ion battery.	Ceramics International	Volume 48, Issue 23, Pages 35657-3566	2022
5.	Dr. Deepa Mathew K	1. CSRS-MAC: cluster based synchronous radio scheduling MAC protocol using carrier sense multiple access for wireless sensor network	Springer US		2022
		2. Novel Radio Scheduling Framework for Optimal Energy Efficiency in Wireless Sensor Network	Springer International Publishing		2023
6.	Prof. Sameerana C P	1. Artificial Intelligence and academia: Navigating challenges and future horizons	Library Progress International		2024
		2. Energy efficient resource allocation for big data processing in heterogeneous cloud computing centers	Scandinavian Journal of Information Systems		2023
7.	Prof. Aparna Murthy	1. Machine learning based healthcare system for investigating the association between depression and quality of life	IEEE		2022
		2. Efficient implementation of a wavelet neural network model for short-term traffic flow prediction: Sensitivity analysis	Elsevier		2024
8.	Dr. Sridhara S B	1. Advancing Zero-Shot Learning With Fully Connected Weighted Bipartite Graphs in Machine Learning	IGI Global		2024
		2. Internet of Things and Cognitive Radio Networks: Applications, Challenges and Future	Springer		2023
		3. Internet of Things and Cognitive Radio Networks: Applications Challenges and Future	Springer Nature Singapore		2022
9.	Dr. Pallavi H B	1.ResNet50-deep affinity network for object detection and tracking in videos	ACCENTS Journals		2024
		2.Weighted DenseNet-121 for Osteoporosis Disease Detection using X-ray Images	Seventh Sense Research Group®		2022
		3. Superlative Augmented Densely Connected Convolutional Neural Network for Osteoporosis Diseases Detection.	Scopus Indexed Journal		2022
		4. An Ensemble-Of-Deep Learning Model with Optimally Selected Features for Osteoporosis Detection from Bone X-Ray Images	Scopus Indexed Journal		2022

10.	Dr. Kumar B I D	1.Quantification of blood loss in obstetric hemorrhage: implications on intervention and transfusion			2023
11.	Dr. Nandeeswar S B	1. Enhanced Optimization using Dynamic Weighted Cuckoo Search Algorithm with Ensemble classification for detection of Diabetic Retinopathy	Scopus Indexed Journal		2022