



Research Publications by the Faculties

AY: (2023-24)

Sl. No.	Name of the Staff	Book/Chapter Title	DOI
01	Dr. Anand G.	Next-generation Wireless Sensor Networks: Innovations in Data Quality, Data Aggregation and MAC Protocols, Edition 1, 3 August 2024, Page 1-81,	https://doi.org/10.9734/bpi/mono/978-93-48006-44-8
02	Dr. Pradnya Malaganve	Book: Data Engineering and Data Science: Concepts and Applications Chapter: Design and Implementation of Social Media Mining– Knowledge Discovery Methods for Effective Digital Marketing Strategies	https://doi.org/10.1002/9781119841999.ch2

Sl. No.	Name of the Staff	Title	Publication Details	DOI
1	Dr. Anand Gudnavar	Energy efficient routing protocol for enhancing the network lifetime in wireless sensor network	Indonesian Journal of Electrical Engineering and Computer Science (Scopus-Q3), Aug 2024, Vol 35, No 2, pp:944:957	http://doi.org/10.11591/ijeecs.v35.i2.pp944-957
		Evaluation of Correlation-Based Data Aggregation Approaches in Sensor Networks: Effectiveness and Challenges	Research Updates in Mathematics and Computer Science Vol. 4. (Apr. 2024), 123–140	https://doi.org/10.9734/bpi/rumcs/v4/20057D



		Survey on E-Commerce Product Price Monitoring System	Journal of Intelligent Decision Technologies and Applications,	10.46610/JoIDTA.2024.v01i01.001.
		Deployment of Mobile Sensor Nodes for Enhancement of Coverage-Area through ANN approach in Wireless Sensor Networks	2024 2nd International Conference on Wireless Communication and Internet of Everything (ICWCIE), SSIT, Tumkur, , Jun 2024	--
		Detection of Manipulated Multimedia In Digital Forensics Using Machine Learning	2024 2nd International Conference on Device Intelligence, Computing and Communication Technologies (DICCT), Dehradun, India, 2024, pp. 33-38,	10.1109/DICCT61038.2024.10533016.
		Survey on E-Commerce Product Price Monitoring System”	Journal of Intelligent Decision Technologies and Applications, (1), 1-5.	10.46610/JoIDTA.2024.v01i01.001
2	Vijaylaxmi N	A comprehensive Survey of Intrusion Detection System techniques in cloud environment	International Journal of Intelligent Systems And Applications In Engineering, ISSN:2147-6799,2024	
3	Veena B.Mindolli	Intelligent Beauty Product Recommendation using Deep learning	1st International Conference on Cognitive, Green and Ubiquitous Computing (IC-CGU) 979-8-3503-6178-0/24/\$31.00 ©2024 IEEE	10.1109/IC-CGU58078.2024.10530808
	Srinidhi Kulkarni	Survey on an authenticated system	IJIRCCE 2023	

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4		for e-slip automation		
5	Arati Patil	Visualize-It Text to image generation	IJIRCCE 2023	
6	Abhilasha J.	Implementation of Modern EV Charging Station Using IOT	2024 International conference on Advanced Data driven Intelligence & Engineering (ICADIE).	
		Online Voting System Based on Machine Learning	2024 12th International Conference on Contemporary Engineering & Technology.	
7	Bharateesh N. Fadanis	Deployment of Mobile Sensor Nodes for Enhancement of Coverage Area through ANN approach in WSN	M ICWCIE-2024, Springer.	

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1	Dr. Anand Gudnavar	Wireless Body Area Network: Communication Standards and Radio Technologies employed	2022 IEEE North Karnataka Subsection Flagship International Conference (NKCon), Vijaypur, India, Nov 2022, pp. 1-5,	10.1109/NKCon56289.2022.10126756
		Survey on Detection of Manipulated Multimedia in Digital Forensics Using Machine Learning	Journal of Cyber Security in Computer System, Jan 2023, Vol 2, No 1, pp13:17,	10.46610/JCSCS.2023.v02i01.002
		Edge Computing in Internet of	Advancement of IoT in	10.46610/aibtia.2023.v02i03.001



		Things (IoT): Enhancing IoT Ecosystems through Distributed Intelligence	Blockchain Technology and its Applications, 2(3), 1-7,	
		IF-MAC: Improved Funneling MAC for Wireless Sensor Network	Science and Technology Journal, Jan 2022, Vol 10, issue 1, pp: 49:55,	10.22232/stj.2021.09.02.01
		Novel Framework for Enhancing Data Quality using Data Correlation Factor in Wireless Sensor Network	International Journal of Computing and Digital System (Scopus-Q3), July 2022, Vol 12, No 1, pp:724:730,	10.12785/ijcds/120159
2	Dr. Pradnya Malaganve	Data Mining Based Facebook E-Commerce Strategies and Techniques to Improve Digital Business	Journal of Harbin Institute of Technology Issn: 0367-6234, Vol. 54, Iss. 2, Y:2022.	
3	Asst.Prof. Abhilasha J.	FARMSUPPLY: Food Supply Chain Management using Blockchain Technology	2023 IEEE 3rd International Conference on Technology, Engineering, Management for Societal impact using Marketing, Entrepreneurship and Talent (TEMSMET)	
		A Comprehensive Survey of Cybercrime and Cybersecurity	2023 IEEE Fifth International Conference on Advances in Electronics, Computers and Communications (ICAECC).	



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1	Dr. Anand Gudnavar	Importance of Distortion Function for the Reconstruction of Original Observations from the Estimates in Wireless Sensor Networks	Journal of Electronics and Communication Systems, Vol 6. No. 1, April 2021, pp:26-32	
		Review on Sensor Based Smart Alert System	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE), Vol-10, No-6, June 2021, pp-1972-1979.	
		A Survey on Energy-Efficient MAC Protocols for Wireless Sensor Networks.	In: K V S., Rao K. (eds) Smart Sensors Measurements and Instrumentation. Lecture Notes in Electrical Engineering, May 2021, vol 750. Springer, Singapore.	10.1007/978-981-16-0336-5_16.
2	Prof. Pradnya M.	Some Novelties in Classification and Analysis of Facebook Data - A Decision Tree Based Approach	Turkish Journal of Computer and Mathematics Education Vol.12, No. 7, Y: 2021, pp. 1465-1470.	
		Metadata based Classification Techniques for Knowledge Discovery from Facebook Multimedia Database	I.J. Intelligent Systems and Applications, Y: 2021, Vol. 4, pp. 38-48 Published Online August 2021 in MECS	10.5815/ijisa.2021.04.04
		Data Mining Based Facebook E-Commerce	Journal of Harbin Institute of Technology Issn: 0367-6234, Vol. 54, Iss. 2,	



		Strategies and Techniques to Improve Digital Business	Y:2022.	
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CAYm3 (2020- 21)

Sl.No.	Name of the Staff	Title	Publication Details
1	Dr. Pradnya M	Social Media Content Mining	In the International Conference on Computational Intelligence and Information Security, 24 July 2020, GCU, Bengaluru
2	Dr. Pritam D.	VAD, feature extraction and modeling techniques for speaker recognition review, "	International Journal of Signal and Imaging Systems Engineering (IJSISE), Inderscience Journal, vol. 12 (1/2), pp. 1–18, 2020.(scopus indexed)