

Research – CSE

Total Number of Publications:

Sl. No	Year	Total no of publications
1	2022-23(Till Date)	26

Journal Publication

2022-23(Till Date)						
Sl.No.	Name of Faculty	Title of paper	Refereed or Not	Publicati on Details	ISSN/ISBN Number,	month & year
1.	Raye Haarika, Tina Babu, Rekha R Nair	Insect Classification Framework based on a Novel Fusion of High-level and Shallow Features	Yes	Procedia Computer Science ,ELSEVIER, 218, 2023	1877-0509	2/1/2023
2.	Ramya, R. S., Shahina Parveen, M., Savitha Hiremath, S., Pugalia, I., Manjula, S. H., & Venugopal, K. R.	A Survey on Automatic Text Summarization and its Techniques	Yes	International Journal of Intelligent Systems and Applications in Engineering, 11, 1	2147-6799.	1/19/2023
3.	Chhaya S Dule	Privacy Preservation Modelling for Securing Image Data using Novel Ethereum-based Ecosystem	Yes	SAI Publisher, 14, 2	2156-5570 (Online)	3/1/2023
4.	Chhaya S Dule	ANALYTICAL AND INTEGRATED FRAMEWORK FOR PRIVACY PRESRVATION OF IMAGES IN	Yes	Indian Journal of Computer Science Engineering, 13, 1	e-ISSN : 0976-5166	2/20/2023

		CLOUD ECOSYSTEM				
5.	Praveen Kulkarni, Rajesh T. M.	A Multi-Model Framework for Grading of Human Emotion Using CNN and Computer Vision	Yes	International Journal of Computer Vision and Image Processing (IJCVIP) IGI Global, 12, 1	2155-6997	8/6/2022
6.	M N Sharath & T M Rajesh & Mallanagouda Patil	A novel encryption with bacterial foraging optimization algorithm based pixel selection scheme for video steganography	Yes	Multimedia Tools and Applications, Springer, 82, 5	1573-7721	2/14/2023
7.	Srivani P, Yamuna Devi C R, Niranjana Appaswamy	Monitoring Environment Parameters of Gerbera Flower Cultivation in Greenhouse using Internet of Things	Yes	Indian Society for Education and Environment, 15, 46	0974 - 6846	12/8/2022

Conference Publication

Sl. No	Name of Faculty	Title of paper	Conference Name	Publication Month and Date
1	Nithyashree, V., Basavaraj N Hiremath, Vanishree, L., Duvvuri, A., Madival, D. A., & Vidyashree, G	Identification of Toxicity in Multimedia Messages for Controlling Cyberbullying on Social Media by Natural Language Processing.	2022 IEEE International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics, DISCOVER 2022	12/1/2022
2	C Jayaramulu, Bondu Venkateswarlu	DLOT-Net: A Deep Learning Tool For Outlier Identification	2022 6th International Conference on Electronics, Communication and Aerospace Technology	12/1/2022
3	Subba Reddy Meruva, Bondu Venkateswarlu	A Fast and Effective Tree-based Mining Technique for Extraction of High Utility Itemsets	2022 6th International Conference on Electronics, Communication and Aerospace Technology	12/1/2022
4	Meenakshi Malhotra; Jinendra Rathod	Randomized Matrix-based Double-Key Cryptographic System	2023 IEEE International Conference on Intelligent Data Communication Technologies and Internet of Things (IDCIoT)	1/5/2023
5	Ishika Giroti and Meenakshi Malhotra	Quantum Cryptography: A Pathway to Secure Communication	2022 6th International Conference on Computation System and Information	1/31/2023

			Technology for Sustainable Solutions (CSITSS)	
6	Jeevan Kumar A Das; Meenakshi Malhotra	Quantum Machine Learning: An Effective Approach to High-dimensional Learning	IEEE International Conference on Computation System and Information Technology for Sustainable Solutions (CSITSS)	1/31/2023
7	A Chawla and S D Morgera	On the Error Exponent of Axon Coupled Channels	Bernstein Conference 2022	September, 2022
8	Dr. Sindhu Menon, Vaishaali Kondapalli, Sathvik N G, Siva Prakash Anupam Gollapalli, Subhramanya N Sadhwani, Vaishnavi A Punagin	Brain Tumour diagnosis and classification based on AutoML and traditional techniques	IEEE Global Conference on Computing, Power and Communication Technologies (GlobConPT)	23rd to 25th September, 2022

Book Chapter / Book Publication

Sl. No.	Name of Faculty	Title of Books/ Book Chapter	Publisher and ISSN / ISBN No	Month and Year of Publication
1	Ambeshwar kumar	Role of Explainable Edge AI to	Springer, 978-3031182914	11/8/2022

		Resolve Real Time Problem		
2	P Manoj, YB Kumar, M Gowtham, DB Vishwas, AV Ajay	Internet of Things for smart grid applications	Academic Press	1/1/2021
3	DB Vishwas, M Gowtham, HL Gururaj, Sam Goundar	Industrial Internet of Things 4.0: Foundations, Challenges, and Applications–A Review	IGI Global	6/6/2021
4	Vikrant Bhateja, Lai Khin Wee, Jerry Chun-Wei Lin, Suresh Chandra Satapathy, T. M. Rajesh	Data Engineering and Intelligent Computing	Springer Singapore, 978-981-19-1558-1	7/6/2022
5	Suresh Chandra Satapathy, Jerry Chun-Wei Lin, Lai Khin Wee, Vikrant Bhateja, T. M. Rajesh	Computer Communication, Networking and IoT	Springer Singapore, 978-981-19-1975-6	10/6/2022
6	T. M. Rajesh, S. G. Shaila, Lavanya B. Koppal	High-Performance Medical Image Processing	Apple Academic Press, 9781003190011	8/7/2022
7	Ambeshwar Kumar, T. M. Rajesh, Manikandan Ramachandran & Deepak Gupta	Studies in Computational Intelligence	Springer, Cham, 978-3-031-18291-4	11/11/2022
8	Chhaya S Dule	Privacy Preservation of Image Data with machine learning	IGI Global Publisher for timely knowledge	10/09/2022

Patents Published or Granted

SI.No	Patent Application No	Status Patents	Inventor/s Name	Title of the Patent	Patent Granted /
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					Published Date
1	2022/12546	Granted	Dr Pramod Kumar Naik:Dr Basavaraj N Hiremath	A NOVEL HARDWARE PROTOTYPE FOR CROWD MONITORING SYSTEM AND A METHOD THEREOF	1/25/2023
2	333086-001	Published	Dr. Revathi V	GLOVE TYPE DISHWASHING BRUSH	12/2/2022
3	202241077262	Published	Mr. Sharath M N, Dr. Rajesh T M, Dr. Mallanagouda Patil	An efficient Optimal Metaheuristics based Pixel Selection for Video Steganography using Homomorphic Encryption approach	1/6/2023