

Research – CSE

Total Number of Publications:

Sl. No	Year	Total no of publications
1	2021-22	46

Journal Publication

Sl. No.	Name of Faculty	Title of paper	Refereed or Not	Publication Details	ISSN/ISBN Number/ doi	month & year
1	Bindu Madavi K P	Tribrid Secure Encryption Technique to Protect the data in the Cloud	yes	Design Engineering	0011-9342	Oct-21
2	Madavi, Bindu & Kumari, Akanksha & Bera, Gitoshri & Balajee, Shashwat & Choepal, Tenzin & K P	A Novel Lightweight Cloud Storage Examinee with De-Duplication Authorizing Secure Protection with Hybrid Encryption	yes	Indian Journal of Natural Sciences	0976 – 0997	Aug-21
3	Bindu Madavi K P	A Homomorphic Encryption for Preserving the Privacy of Data: Wearable IoT Devices	yes	Indian Journal of Natural Sciences	0976 – 0997	Aug-21
4	Basha, M.S., Mouleeswaran, S.K. & Prasad, K.R	Sampling-based visual assessment computing techniques for an efficient social data clustering	yes	The Journal of Supercomputing, Springer	https://doi.org/10.1007/s11227-021-03618-6	01-12-2021
5	Saha, J., Roy, S., Das, T.K. <i>et al.</i>	Designing Data Validation Framework for Crowd-Sourced Road Monitoring Applications	Yes	Journal of The Institution of Engineers (India): Series B, Springer	https://doi.org/10.1007/s40031-022-00713-x	24 January 2022
6	Saha, A., Rajak, S.,	A Survey of Machine Learning and Meta-heuristics Approaches for	Yes	Journal of Ambient Intelligence and Humanized Computing	https://doi.org/10.1007/s12652-022-03870-5	May,2022

	Saha, J. <i>et al.</i>	Sensor-based Human Activity Recognition Systems				
7	F Ghouse, K Paranjothi, R Vaithiyathan	Dysgraphia Classification based on the Non-Discrimination Regularization in Rotational Region Convolutional Neural Network		International Journal of Intelligent Engineering and Systems	DOI: 10.22266/ijies2022.022	November 2021
8	Yashwanth G, Karthik R, Anusha J, Yakshitha K C, Yashaswini N L, Revathi V	AUTOMATED IMAGE CAPTION GENERATOR FOR VISUALLY IMPAIRED		Journal of Emerging Technologies and Innovative Research	2349-5162	April 2022
9	Arpitha V, A. Soumi Narayani, Abhilasha M S, Varshini S A, Sparsha Yadav M, Dr.Revathi V, Akshatha Venkatesh Prasad	Comparative Study on the Prediction of Remaining Useful Life of an Aircraft Engine		International Research Journal of Engineering and Technology (IRJET)	2395-0056	May 2022
10	Sannasi Chakravarthy, S.R., Bharanidharan, N., Rajaguru, H.	Multi-Deep CNN based Experimentations for Early Diagnosis of Breast Cancer		IETE Journal of research	https://doi.org/10.1080/03772063.2022.2028584	Feb 2022
11	Nazmin Begum, Chaithra K, Banda Preeta, Aanchal Jain, Haasini T S, Amogh G Padukone,	EMOTION RECOGNITION USING CNN		International Journal for Research in Engineering Application & Management	Other	January 2022
12	Dr. Bondu Venkateswarlu, Subba Reddy Meruva	Review of Association Mining Methods for the Extraction of Rules Based on		International Journal of Information Technology Project Management	DOI: 10.4018/IJITPM.2021100101	December, 2021

		the Frequency and Utility Factors				
13	Dr.Renukadevi M.N, Kavya K1, Misha Bharathi S2, Namratha B R	FACIAL EMOTION RECOGNITION		International Research Journal of Engineering and Technology (IRJET)	Other	June, 2022
14	Monelli Ayyavaraiah, Bondu Venkateswarlu	Ensemble classification based COVID-19 diagnosis from chest X-rays and CT images		International Journal of Health Sciences	https://doi.org/10.53730/ijhs.v6nS3.5905	April, 2022
15	Gousia Thahniyath ,Priti Mishra,Sundar Raj Moorthy	Two Phase secure data collection technique for wireless sensor networks		Indonesian Journal of Electrical Engineering and Computer Science	http://doi.org/10.11591/ijeecs.v26.i1.pp512-520	April, 2022
16	Norman Dias ,Dr. Mouleeswaran S. K, Dr. Reeja S R	A Systematic approach towards enhancing of Security and usability of graphical password through cognitive computing and data mining		Indian Journal of Computer Science and Engineering	DOI : 10.21817/indjcse/2021/v12i6/211206147	December, 2021

Conference Publication

Sl. No	Name of Faculty	Title of paper	Conference Name	Publication Month and Date
1	Nazmin Begum	A Deep Learning Approach for Multimodal Facial and Expression Recognition in Healthcare	IEEE International Conference on Emerging Technologies and Applications for Smart and Sustainable World (ICEmTASS'21)	16th to 18th Dec 2021

2	Krishna Sowjanya K	Load Balancing Algorithms in Cloud Computing	International conference on cognitive & Intelligent computing (ICCIC – 2021)	11th December 2021
3	Bindu Madavi K P	Enhanced Cloud Security using Cryptography and Steganography Techniques	International Conference on Disruptive Technologies for Multi-Disciplinary Research and Applications (CENTCON-2021)	19th Nov to 21st 2021
4	Cauvery Raju	Detection of tumours from MRI scans using Segmentation techniques	Proceedings of the Second International Conference on Electronics and Sustainable Communication Systems (ICESC-2021)	5th Aug 2021
5	Dr. Renuka Devi M N	Detection of tumours from MRI scans using Segmentation techniques	Proceedings of the Second International Conference on Electronics and Sustainable Communication Systems (ICESC-2021)	5th Aug 2021
6	Dr. Rajesh T M	Detection of tumours from MRI scans using Segmentation techniques	Proceedings of the Second International Conference on Electronics and Sustainable Communication Systems (ICESC-2021)	5th Aug 2021
7	Dr Meenakshi Malhotra	Human Brain Cognitive Learning: A Roadmap to Computational Cognitive Learning	Don Bosco Binghamton Big Data Online International Conference (DB3D-2021)	19-21 October 2021

8	Prof. Shivamma D	The Effective learning methods and techniques used during COVID-19 in the Education System	National Conference on Quality Sustenance in Higer Educational Institutions	23rd December 2021
9	Bhargavi Mokashi	Dual Watermarking Technique for Image Authentication using Biometrics	2021 IEEE Mysore Sub Section International Conference (MysuruCon)	24th October202 1
10	Krishna Sowjanya K	Load Balancing Algorithms in Cloud Computing	International conference on cognitive & Intelligent computing (ICCIC – 2021)	11th December 2021
11	Debanjali B	Scatter Index: An alternative measure of dispersion based on relative frequency of occurances	International conference on cognitive & Intelligent computing (ICCIC – 2021)	November 2021
12	Bharanidhar an N; Darshan Kalyan B S; K Bala Vishnu Vardhan Reddy; Devaki Naga Nithesh; Deepak E; Dharnesh Kumar B	Indoor Navigation using Li-Fi & IoT Technologies	2022 6th International Conference on Trends in Electronics and Informatics (ICOEI)	28-30 April 2022

13	Jana S; Bharanidharan N; Shanmukha Nagasai P; Saravan Kumar K; V Mani Nageshwar	Diabetes Prediction Using Machine Learning Algorithms	8th International Conference on Advanced Computing and Communication Systems (ICACCS)	25-26 March 2022
14	Arjun Krishnamurthy, CD Karthik, Shradha C	SKELETAL BONEAGE DETERMINATION USING DEEP LEARNING	International Conference on Ambient Intelligence in Health Care	15-16 April 2022
15	Dr. Savitha Hiremath and Dr. M Shahina Parveen	CARDIOVASCULAR DISEASE PREDICTION IN RETINAL FUNDUS IMAGES USING ERNN TECHNIQUE	7th International Conference on Emerging Applications of Information Technology (EAIT 2022)	March 29 – 31, 2022.
16	Ranjini K; Mouleeswaran S K	Breast Cancer Prediction by Leveraging Machine Learning and Deep learning Techniques with Different Imaging Modalities	IEEE 7th International conference for Convergence in Technology	18th July, 2022

Book Chapter/ Book Publication

Sl. No.	Name of Faculty	Title of Books/ Book Chapter	Books Series	Publication Details
1	Chhaya S Dule	Book Title : Embedded and Real time systems	Scientific International Publishing House	ISBN:978-93-94002-33-3, February 2022
2	Chhaya S Dule	Book Chapter Title : A novel technique for cloud data storage technique	Nova Science Publisher Newyork , Book title "Cloud Computing Infrastructure for enabling future technology Advancement"	ISBN : 978-1-68507-800-3 (ebook) March 2022
3	Dr.Renukadevi M.N	Book Chapter TITLE: "Multimodal analysis of TED talks towards designing a recoomendation system"	Springer lecture notes in networks and systems	Volume 341.ISBN: 978-981-16-7117-3, 2021
4	Dr. Rajesh T M, Dr Shaila SG, Prof. Lavanya B Koppal	Tumor Detection based on 3D Segmentation using Region of Interest" submitted to "High-Performance Medical Image Processing	Apple Academic Press, Taylor and Francis Group	July, 2022
5	Chhaya S Dule	Book Title : Embedded and Real time systems	Scientific International Publishing House	ISBN:978-93-94002-33-3, February 2022
6	Bharanidharan N, Harikumar Rajaguru	Modified Adam to Update Control Parameters of Crow Search Algorithm in Transformation	Springer, IFMBE Proceedings	January, 2022

		Technique Based Dementia MRI Image Classification		
7	Bharanidharan N.;Sannasi Chakravarthy S.R.;Rajaguru, Harikumar	Improved Bald Eagle Search Optimization for Enhancing the Performance of Supervised Classifiers in Dementia Diagnosis	Springer, IFMBE Proceedings	April, 2022
8	Sannasi Chakravarthy, S.R., Bharanidharan, N., Rajaguru, H.	Fusion of Deep Features for Classification of Breast Cancer Using Multi-Deep CNNs	Springer, IFMBE Proceedings	April, 2022
9	Aswath S.;Bharanidharan N.;Valarmathi R.S.;Rajaguru Harikumar	Modified Spotted Hyena Optimizer Based Leukemia Microscopic Images Classification	Springer, IFMBE Proceedings	April, 2022
10	Dr. Sindhu P Menon, Dr. Pramod Naik, Prof. Baskar Venugopal	Deep Learning IoT Platform for Dental Disease Detection	CRC Press, IOT2022: INTERNET OF THINGS IN MODERN COMPUTING: THEORY AND APPLICATIONS	2022

Patent Published or Granted

Sl.No	Patent Application No	Status Patents	Inventor/s Name	Title of the Patent	Patent Granted / Published Date
1	202241004751	Published	1 . Dr. Bondu Venkateswarlu 2 . Arya Bhanu 3 . Tejasri Surthi 4 . Shashank Surthi	AN ARTIFICIAL INTELLIGENCE (AI) ENABLED FRAMEWORK FOR	4/2/2022

			5 . Dr.Mohan Rao 6 . Ch.Naveen Kumar Reddy	HUMAN EMOTION RECOGNITION	
2	202241000000	Published	1.Dr. Sindhu P Menon 2.Dr. Praveen S. Challagidad 3.Priyanka Gavade 4.Dr. V. Sowmya Devi 5.Dr. Ch. Niranjan Kumar	A Hybrid Ensemble Learning Approach To Star Galaxy Classification	11/3/2022
3	2021103067	GRANTED	1.Sumathy, B. 2. Raj, K. Bhavana 3. Kumar, Pramod 4. Jayashree, D. 5.Periyasamy, P. 6.Kumar, Swarn Avinash 7. Mehta, Neha 8. ANGADI,SANJEEVKUMAR 9. Dule, Chhaya Suryabhan 10. K. M., Rajasekharaiah 11. Kumar,ChinnapalliLikith 12. Karthikeyan, M. 13.Kavita, K. 14.Manjunath, T. C. 15. G., Pavithra 16. Manoharan, Hariprasath	CORONA RECOGNITION METHOD BASED ON VISIBLE LIGHT COLOR USING ARTIFICIAL INTELLIGENCE	31/3/2022
4	2021104262	Granted	1.Dr. Sindhu P Menon	A SYSTEM AND METHOD TO AVOID DISCONTINUITY IN DATA STREAMS	14/04/2022