



Channabasaveshwara Institute of Technology

(Affiliated to VTU, Belgaum & Approved by AICTE, New Delhi)

(ISO 9001:2015 Certified Institution)

NH 206 (B.H. Road), Gubbi, Tumkur – 572 216.Karnataka.



Department of COMPUTER SCIENCE AND ENGINEERING

Academic Year 2023-24

Paper Publications in Journal

Sl. No	Name of the Faculty	Topic	Journal	Volume & Date	Indexing	Citation indices			Impact Factor
						Citations	h-index	i-10-index	
1	Rashmi C R & Dr Shantala C P	BCI-AMSH: A Matlab based open source brain computer interface assistive application for mental stress healing	e-prime: Advances in Electrical, Electronics & Energy	Volume 6, December 2023, 100323			1.5		0.7
2	Suhas K C	A Lightweight Blockchain to Secure Data Communication in IoT Network on Healthcare System	International Journal of Safety and Security Engineering	Vol. 13, No. 6, December, 2023, pp. 1015-1024			16		1.60
3	Jyothi K S & Shantala C P	Real time Data twitter Trends Polling Using Rae Model	International Journal of Intelligent Systems and Applications in Engineering	VOL. 12 NO. 9S (2024) JISAE, 2024, 12(9s), 491–500					1.47
4	Rashmi C R & Dr Shantala C	Evaluating Deep Learning with different feature scaling techniques for EEG-based Music Entrainment Brain Computer Interface	International Journal of Safety and Security Engineering	Volume 7, March 2024, 100448			16		1.60
5	Jyothi K S & Shantala C P	Multi-Domain Aspect-oriented sentiment analysis for movie recommendations using feature extractions	Indonatian Journal of Electrical Engineering and Computer Science	Vol.33, No.2, February 2024, pp. 1216~1223					1.94
6	Suhas K C	Diabetes Prediction and classification using self Adaptive Evolutionary Algorithm with Convolutional Neural Network	International Journal of Intelligent Engineering and systems(INASS)	Vol.17, No.3, 2024 460-472			30		
7	SHWETHA S Nayan Kumar	Breaking the Taint Of Suicide Contemplation With The Help Of Deep Learning	International Journal of Engineering Research & Technology	Volume 13, Issue 02, February 2024					



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Department of COMPUTER SCIENCE AND ENGINEERING

Academic Year 2023-24

Paper Publications in Conference

Sl. No	Faculty Name	Title of the paper	Name of the Conference and Venue	Date
1	Rashmi C R & Dr Shantala C P	Deep Neural Network Based Discrimination of Mental States During Real-Time Posture Yoga Using EEG	International Conference on Sustainable Communication Networks and Application (ICSCNA)	15-17 Nov. 2023
2	Rashmi C R & Dr Shantala C P	Cognitive Stress Recognition During Mathematical Task and EEG Changes Following Audio-Visual Stimuli for Relaxatio	International Conference on Sustainable Communication Networks and Application (ICSCNA)	15-17 Nov. 2023
3	Suhas K C	An Efficient Detection of Alzheimer Disease using Convolutional Neural Network	International Conference on Ambient Intelligence, Knowledge Informatics and Industrial Electronics (AIKIE)	Nov 2023

Student publication

Sl. No	Name of the Faculty	Topic	Journal	Volume & Date	Indexing	Citation indices			Impact Factor
						Citations	h-index	i-10-index	
1	Sindhu M T V DEEKSHA JAIN	A Study on Tackling Food Waste in Supermarkets with AI	International Journal of Research Publication and Reviews (IJRPE)	Vol 4, no 12, pp 2462-2465 17 Dec 2023			1.5		5.536



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Department of COMPUTER SCIENCE AND ENGINEERING

Academic Year 2022-23

Paper Publications in Journal

Sl. No	Name of the Faculty	Topic	Journal	Volume & Date	Indexing	Citation indices			Impact Factor
						Citations	h-index	i-10-index	
1	Jyothi K S & Dr. Shantala C P	Technological Evaluation and approaches in Sentiment Analysis for Text Corpus: An Insight	Mathematical Statistics and Engineering Applications SCOUPUS Q4	Vol 71 No. 3s2 (2022) 21 July 2022	-	-	-	-	0.25
2	Dr Keshava Prasanna	Convolutd Neighborhood-Based Ordered-Dither Block Truncation Coding for Ear Image Retrieval	International Journal of Graphics and images	7 December 2022	Scopus		Yes		1.6
3	Suhas K C	A Survey on Diabetes prediction models using Machine Learning over Bigdata	European chemical Bulletin SCOUPUS Q3	Vol 8 10 July 2023		-		-	3.71
4	Mahesh N & Dr Keshava Prasanna	A brief Survey of Lung cancer detection using convolution Neural Network	European chemical Bulletin	Vol 8 10 July 2023	-	-	-	-	3.71



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Department of COMPUTER SCIENCE AND ENGINEERING

Academic Year 2022-23

Paper Publications in Conference

Sl. No	Faculty Name	Title of the paper	Name of the Conference and Venue	Date
1	Anil Kumar G and Dr. Shantala C P	Novel Modelling of Efficient Data Deduplication for Effective Redundancy Management in Cloud Environment SPRINGER	International Conference on Expert Clouds and Applications[ICOECA2022]	18th August 2022
2	Anil Kumar G and Dr. Shantala C P	Integrated Framework for Data Integrity and Optimizing the Secure Data Deduplication in Cloud Environment SCOPUS	International Conference on Technological, Social and Economic Innovations through Artificial Intelligence, Data Science and Cyber Security (ICTSEADC 2022) organized by IMS, Ghaziabad (ONLINE)	15-16 April 2022

Book Chapter Published

Sl. No	Faculty Name	Title of the Book	Title of the Book Chapter	Date
1	MrSuhaskC,Mr.Mahesh N ,Mr Asif Ulla Khan and kotresh Naik D	Blockchain Technology for Smart Grids: Implementation, Management and Security	Machine Learning abd Deep Learning algorithms for Blockchain and IoT driven Smart Grids Chapter 8 IET Library	July 22 2022



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Department of COMPUTER SCIENCE AND ENGINEERING

Academic Year 2021-22

Paper Publications in Journals

Sl. No	Name of the Faculty	Topic	Journal	Volume & Date	Indexing	Citation indices			Impact Factor
						Citations	h-index	i-10-index	
1	Rashmi C R & Shantala C P	EEG artifacts detection and removal techniques for brain computer interface applications: a systematic review	International Journal of Advanced Technology and Engineering Exploration (IJATEE) SCOUPUS Q3	Vol 9(88)	Scopus	5	Yes	-	1.30
2	Chetan Balaji & Suresh D S	Multiclass recognition of Alzheimer's and Parkinson's disease using various machine learning techniques: A study	International Journal of Modeling, Simulation, and Scientific Computing SCOUPUS Q2	September 2021 Vol 13(1)	Scopus	5	Yes		1.50



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Department of COMPUTER SCIENCE AND ENGINEERING

Academic Year 2021-22

Paper Publications in Conference

Sl. No	Faculty Name	Title of the paper	Name of the Conference and Venue	Date	Citation
1	Dr Keshava Prasanna	Traffic Prediction System using IoT in Smart City Perspective	2021 IEEE International Conference on Mobile Networks and Wireless Communications (ICMNBC)	03-04 December 2021	-
2	Dr Keshava Prasanna	Autonomous Temperature scan system using IoT to detect COVID-19 symptom	2021 International Conference on Forensics, Analytics, Big Data, Security (FABS)	21-22 December 2021	1
3	Dr Keshava Prasanna	FM Radio Wave Based Early Earthquake Detection	2021 8th International Conference on Computing for Sustainable Global Development (INDIACom)	7-19 March 2021	-

Book Chapter Published

Sl.	Faculty Name	Title of the Book	Title of the Book Chapter	Date
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No				
1	MrSuhaskC,Mr.Mahesh N &Mr Asif Ulla Khan	Convergence of Internet of Things and Blockchain Technologies	An Exhaustive Survey of Blockchain Applications with the Internet of Things (IoT) to Combat COVID-19 Spread Chapter 11 Springer	September 2021



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Department of COMPUTER SCIENCE AND ENGINEERING

Academic Year 2020-21

Paper Publications in Journals

Sl. No	Name of the Faculty	Topic	Journal	Volume & Date	Indexing	Citation indices			Impact Factor
						Citations	h-index	i-10-index	
1	Girish L and Dr.Sridhar K N Rao	Quantifying Sensitivity and Performance Degradation of Virtual Machines Using Machine Learning	Journal of Computational and Theoretical Nanoscience, American Scientific Publishers	Vol. 17, 1-6, 2020	Scopus	-	-	-	0.7
2	Mr. Anil Kumar G and Dr. Shantala C P	An extensive research survey on data integrity and deduplication towards privacy in cloud storage	International Journal of Electrical and Computer Engineering (IJECE)	Vol. 10, No. 2, April 2020	Scopus	5	Yes		2.27
3	Mrs. Ashwini K S and Dr. Shantala C P	Document Clustering Techniques using Hadoop Framework: A Survey	INTERNATIONAL JOURNAL OF RESEARCH AND ANALYTICAL REVIEWS	March 2020, Volume 7, Issue 1	Scopus	-	-	-	5.75
4	Pradeep V and Jogesh Motwani	Predicting Mouse Cursor Target using Back propagation Neural Network	International Journal of Innovative Technology and Exploring Engineering (IJITEE),	Volume-9 Issue-4, February 2020	Google Scholar	-	-	-	5.662

5	Anil Kumar G and Dr. Shantala C P	Novel Modelling of the Hash-based Authentication of Data in Dynamic Cloud Environment	(IJACSA) International Journal of Advanced Computer Science and Applications,	Vol. 12, No. 3, 2021	Scopus	-	-	-	1.30
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year: 2020-2021

National Conferences Attended/Papers Presented by the Faculties

Sl. No	Faculty Name	Title of the paper	Name of the Conference and Venue	Date
1	Mrs Rashmi C R & Dr. Shantala C P	Vehicle Density Analysis and Classification using YOLOv3 for Smart Cities	4th International Conference on Electronics, Communication and Aerospace Technology, Coimbatore, India	November 5-7 2020
2	Mr Suhas K C	Medchain: Securing Electronic Medical Records with a Peer to Peer Networks and Distributed File System.	Third International Conference, FTNCT 2020, Taganrog, Russia,	October 14-16, 2020

Book Chapter Published

Sl. No	Faculty Name	Title of the Book	Title of the Book Chapter	Date	Citation
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1	Girish L & Sridhar K. N. Rao	Book Chapter in Computing	Anomaly detection in cloud environment using artificial intelligence techniques SPRINGER	28 March 2021	11
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Department of COMPUTER SCIENCE AND ENGINEERING

Academic Year 2019-20

Paper Publications in Journals

Sl. No	Name of the Faculty	Topic	Journal	Volume & Date	Indexing	Citation indices			Impact Factor
						Citations	h-index	i-10-index	
1	Mr. Chetan Balaji Dr. Suresh D S	Implications of EEG and Speech Signal in the Analysis of Neurological Disorders-A Survey	Lupin Publishers Open Access Journal Of Biomedical Engineering and Biosciences Published Date: August 08, 2019	2637-4579 August 08, 2019	Google Scholar	-	-	-	7.9.
2	Mr. Girish L Dr. Sridhar K N Rao	Anomaly Detection in NFV Using Tree-Based Unsupervised Learning Method	International Journal of Engineering Sciences and Management - A Multidisciplinary	Publication of VTU 2019; Vol: 1, No: 2, pp: 27-31	Google Scholar	-	-	-	4.2

3	Dr.Keshava Prasanna	Energy efficient intelligent routing in WSN using dominant genetic algorithm	International Journal of Electrical and Computer Engineering (IJECE)	Vol. 10, No. 1, February 2020, pp. 500~511	Scopus	3	yes		3.8
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Academic Year 2018-19

Paper Publications in Journals

Sl. No	Name of the Faculty	Topic	Journal	Volume & Date	Indexing	Citation indices			Impact Factor
						Citations	h-index	i-10-index	
1									

Paper Publications in Conference

Sl. No	Faculty Name	Title of the paper	Name of the Conference and Venue	Date	Citation
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1	Dr Keshava Prasanna	Smart Com for Differently Abled	2018 International Conference on Electrical, Electronics, Communication, Computer, and Optimization Techniques (ICEECCOT) Mysuru, India IEEE	14-15 December 2018	1
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Academic Year 2017-18

Paper Publications in Journals

Sl. No	Name of the Faculty	Topic	Journal	Volume & Date	Indexing	Citation indices			Impact Factor
						Citations	h-index	i-10-index	
1	Mr. Vinay D R Dr. Jogesh Motwani	Techniques used for Processing H.264/AVC Video Stream	International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181 Published by, www.ijert.org NCICCND - 2017 Conference Proceedings	Volume 5, Issue 22 Special Issue - 2017	Google Scholar	-	-	-	7.525

2	Ms. Sushritha S Ms.T H Lavanya	Detection of Sickle Cell Anemia and Thalassemia using Image Processing Techniques	International Journal of Innovative Science and Research Technology ISSN No:-2456 –2165	Volume 2, Issue 12 December - 2017	Google Scholar	-	-	-	7.9.4.2
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Paper Publications in Conference

Sl. No	Faculty Name	Title of the paper	Name of the Conference and Venue	Date	Citation
1	Mrs.Rashmi C R Dr. Shantala C P	Mind Controlled Wireless Robotic Arm Using Brain Computer Interface	IEEE-ICCIC, Tamilnadu College of Engineering, Coimbatore IEEE	14-16 December 2017	4