



Siddaganga Institute of Technology, Tumkur-03
(An Autonomous Institute affiliated to Visvesvaraya Technological University, Belagavi, Approved by AICTE, New Delhi)
Department of Master of Computer Applications

Publication Details Academic Year 2022-2023
International Journal

Name of the faculty	Journal/ Conference	Title of the paper	Name of the Publisher	Month, Year	DOI	ISSN
Dr. Asha Gowda Karegowda	International Journal	Classification of Sentinel 2 Images using Customized Convolution Neural Networks	Int J Intell Syst Appl Eng	Jan- 23		2147-6799
	International Journal	Exploring Vegetative Indices for Yield Prediction using Sentinel 2 Data - A Study in a Select Region of Karnataka	Int J Intell Syst Appl Eng	Dec-22		2147-6799
Dr. H S Vijaya Kumar	International Journal	Severity Assessment of Glaucoma using Soft computing Techniques	NeuroQuantology	Dec-22	10.48047/NQ.2022.20.20.NQ109153	
Dr. Prashanth G K	International Journal	[1] Optimisation of Defluoridation of Water by Zirconia Nanoparticles Using RSM	Asian Journal of Water, Environment and Pollution	Nov-22	10.3233/AJW220091	



Siddaganga Institute of Technology, Tumkur-03
(An Autonomous Institute affiliated to Visvesvaraya Technological University, Belagavi, Approved by AICTE, New Delhi)
Department of Master of Computer Applications

International Conference

Name of the faculty	Journal/ Conference	Title of the paper	Name of the Publisher	Month, Year	DOI	ISSN
Dr. Premasudha B G	International Conference	ML based methods XGBoost and Random Forest for Crop and Fertilizer Prediction	14th IEEE International Conference on Computational Intelligence and Communication Networks	Dec-22	10.1109/CI CN56167.20 22.10008234	
Dr. Asha Gowda Karegowda	International Conference	Enhanced Thyroid Nodule Classification Adopting Significant Features Selection	International Conference on Emerging Research in Electronics, Computer Science and Technology	Dec-22	10.1109/IC ERECT5683 7.2022.1006 0526	
	International Conference	Deep Learning based Handwritten Arithmetic Equation Solver,	International Conference on Emerging Research in Electronics, Computer Science and Technology	Dec-22	10.1109/IC ERECT5683 7.2022.1006 0732	
	International Conference	Lake Ice Infrared Image De- noising using Deep Learning, Convolutional Neural Network,	International Conference on Emerging Research in Electronics, Computer Science and Technology	Dec-22	10.1109/IC ERECT5683 7.2022.1006 0448	
	International Conference	Plant foliage Recognition based on Classification using Artificial Neural Network,	International Conference on Emerging Research in Electronics, Computer Science and Technology	Dec-22	10.1109/IC ERECT5683 7.2022.1006 0430	



Siddaganga Institute of Technology, Tumkur-03
(An Autonomous Institute affiliated to Visvesvaraya Technological University, Belagavi, Approved by AICTE, New Delhi)
Department of Master of Computer Applications

Dr. C Bhanuprakash	International Conference	Blooms Taxonomy based Gradation of the Question Paper	International Conference on Emerging Research in Electronics, Computer Science and Technology	Dec - 22	10.1109/IC ERECT5683 7.2022.1005 9616	
Mr. C N Ramesh	International Conference	A Comparative Analysis of Supervised Machine Learning Algorithms for Classification of Raisins	International Conference on Emerging Research in Computing, Information, Communication and Applications,	Feb-23		1876-1119



Siddaganga Institute of Technology, Tumkur-03
(An Autonomous Institute affiliated to Visvesvaraya Technological University, Belagavi, Approved by AICTE, New Delhi)
Department of Master of Computer Applications

Publication Details Academic Year 2021-2022
International Journal

Name of the faculty	Journal/ Conference	Title of the paper	Name of the Publisher	Month, Year	DOI	ISSN
Dr. Prashanth G K	International Journal	Optimal Placement of Hybrid Wind-Solar System Using Deep Learning Model	Hindawi International Journal of Photoenergy	May 22	10.1155/2022/2881603	



Siddaganga Institute of Technology, Tumkur-03
(An Autonomous Institute affiliated to Visvesvaraya Technological University, Belagavi, Approved by AICTE, New Delhi)
Department of Master of Computer Applications

International Conference

Name of the faculty	Journal/ Conference	Title of the paper	Name of the Publisher	Month, Year	DOI	ISSN
Dr. Premasudha B G	International Conference	Automated method for Covid-19 Prediction using VGG-19 Neural Network	Recent Innovation trends in Computer Science and Applications	May-22		
Dr. Asha Gowda Karegowda	International Conference	Recognition of Foreign Bodies for Grading of Food Grains using Machine Learning Techniques	AICTE Sponsored International Conference on Emerging Trends in Communication and Networking	Oct-21		
	International Conference	An Improved Deep Convolutional Neural Network Model for Thyroid Nodule Classification	Third International Conference on Integrated Intelligent Computing, Communication and Security	Aug-21	10.2991/ahis. k.210913.034	
	International Conference	Design of Fuzzy Inference based Ultrasound Image Analysis System for Differential Diagnosis of Thyroid Nodules	Third International Conference on Integrated Intelligent Computing, Communication and Security	Aug-21	10.2991/ahis. k.210913.034	



Siddaganga Institute of Technology, Tumkur-03
(An Autonomous Institute affiliated to Visvesvaraya Technological University, Belagavi, Approved by AICTE, New Delhi)
Department of Master of Computer Applications

Name of the faculty	Journal/ Conference	Title of the paper	Name of the Publisher	Month, Year	DOI	ISSN
Dr. Asha Gowda Karegowda	International Conference	Identification of Edible and Non-Edible Mushroom through Convolution Neural Network	International Conference on Integrated Intelligent Computing, communication & Security	Aug-21	10.2991/ahis. k.210913.039	
	International Conference	State-of-Art Deep Learning Based Tomato Leaf Disease Detection	International Conference on Integrated Intelligent Computing, communication & Security	Aug-21	10.2991/ahis. k.210913.038	
	International Conference	Change Detection of LULC using Machine Learning	3rd International Conference on Integrated Intelligent Computing Communication & Security	Aug-21	10.2991/ahis. k.210913.042	
	International Conference	Classification of Rail Track Crack using CNN with Pre-Trained VGG16 Model	2022 IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics	Apr-22	10.1109/ICD CECE53908.2 022.9793318	
	International Conference	Identification of Medicinal Leaves Using State of Art Deep Learning Techniques	IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics	Apr-22	10.1109/ICD CECE53908.2 022.9792712	



Siddaganga Institute of Technology, Tumkur-03

(An Autonomous Institute affiliated to Visvesvaraya Technological University, Belagavi, Approved by AICTE, New Delhi)

Department of Master of Computer Applications

Name of the faculty	Journal/ Conference	Title of the paper	Name of the Publisher	Month, Year	DOI	ISSN
Dr. H S Vijaya Kumar	International Conference	Grading Severity of Pterygium using Fuzzy Reasoning	IEEE International Conference on Data Science and Information System	Jul-22	10.1109/ICDSIS55133.2022.9916017	
Dr. C BP	International Conference	Effects of Generation of Spurious Tuples during joining of Relations in Case of BCNF based Relations	International conference on Emerging Trends in Communication and Networking	Oct- 2021		
Dr. Bharathi P T	International Conference	Air Quality Index Prediction using Machine Learning Techniques	International conference on Emerging Trends in Communication and Networking	Oct- 2021		



Publication Details Academic Year 2020-2021
International Journal

Name of the faculty	Journal/ Conference	Title of the paper	Name of the Publisher	Month, Year	DOI	ISSN
Dr. M A Jayaram	International Journal	Time Series Predictive Modles for Social Networking Media Usage Data: The Pragmatic and Projections	Asian Journal of Research in Computer Science	Aug-20	10.9734/AJRCOS/20/v6i130151	
Dr premasudha B G	International Journal	"Pedometric mapping for soil fertility management - A case study"	Journal of the Saudi Society of Agricultural Sciences	Feb-21	10.1016/j.jssas.2020.12.008	
		Data optimization and partitioning in private cloud using dynamic clusters for agricultural datasets"	International Journal of Dynamics and Control	Sep-20	10.1007/s40435-019-00596-9	
Dr. Asha Gowda Karegowda	International Journal	Energy optimized hybrid PSO and wolf search based LEACH	International Journal of Information Technology	Jan-21	10.1007/s41870-020-00597-4	
	International Journal	Analysis of Binary and Discrete Grey Wolf Optimization Algorithms Applied for Enhancing Performance of Energy Efficient Low Energy Adaptive Clustering Hierarchy	Journal of Computational and Theoretical Nano science	Oct-20	10.1166/jc tn.2020.8974	



Siddaganga Institute of Technology, Tumkur-03

(An Autonomous Institute affiliated to Visvesvaraya Technological University, Belagavi, Approved by AICTE, New Delhi)

Department of Master of Computer Applications

Name of the faculty	Journal/ Conference	Title of the paper	Name of the Publisher	Month, Year	DOI	ISSN
Dr. Asha Gowda Karegowda	International Journal	Mushroom Edibility Identification using Computational Intelligence CBR and ALO based LEACH Energy Efficient techniques in Multi-sensor Environment	SN COMPUT. SCI (Springer)	Apr-21	10.1007/s 42979-021-00582	
	International Journal	Railway Track Monitoring Using Deep Learning Techniques: A Preview	International Journal of Applied Research on Information Technology and Computing	Feb-22	10.5958/0 975-8089.2020.00011.1	
Dr. H S Vijaya Kumar	International Journal	Android Based E-Learning Application design Features for academic and non-academic students	International Journal of Research in Engineering and Science			2320-9364
	International Journal	"Fuzzy Inference System Aided Damage Assessment of Pterygium"	International Journal of Innovative Research in Computer and Communication Engineering	Apr -21	10.15680/I JIRCCE.20 21.090416 5	



Siddaganga Institute of Technology, Tumkur-03
(An Autonomous Institute affiliated to Visvesvaraya Technological University, Belagavi, Approved by AICTE, New Delhi)
Department of Master of Computer Applications

Name of the faculty	Journal/ Conference	Title of the paper	Name of the Publisher	Month, Year	DOI	ISSN
Dr. T M Kiran Kumar	International Journal	Generate and Ranking the Multiple Sentences Based On Context Using Natural Language Generation	International Journal of Research in Engineering and Science			2320-9364
		An Interpretation and Implementation of Chatbot Using Dialog Flow for an Education Domain	International Journal of Research and Scientific Innovation	May-21		2321-2705
Dr. C BhanuPrakash	International Journal	NLP Based Automated Persona Introducer	International Journal for Science and Advance Research in Technology	Jun-21		2315 - 1052
Mr. H K Virupakashiah	International Journal	Boat rental app in Cloud Environment of Salesforce	International Journal of Scientific Research & Engineering Trends	Jun-21		2395-566X
	International Journal	E- Cyle Retailer App Based on Salesforces Platform	International Journal of Scientific Research & Engineering Trends	Jun-21		2395-566X



Siddaganga Institute of Technology, Tumkur-03
(An Autonomous Institute affiliated to Visvesvaraya Technological University, Belagavi, Approved by AICTE, New Delhi)
Department of Master of Computer Applications

Name of the faculty	Journal/ Conference	Title of the paper	Name of the Publisher	Month, Year	DOI	ISSN
Dr. Bharathi P T	International Journal	Deep Learning Approaches To Detect COVID-19 Using Chest X-Ray Images	International Journal for Science and Advance Research in Technology	Jul-21		2395-1052
	International Journal	Joomla Component Development for Content Management System based Job Portal Website	International Journal of Innovative Research in Computer and Communication Engineering	Jul-21	10.15680/IJIRCCE.2021.0907115	2320-9798
Dr Prashanth G K	International Journal	Identification of Indian Road Signs Using Soft Computing Techniques	International Journal of Multidisciplinary Research in Science, Engineering and Technology	Aug-21	10.15680/IJMRSET.2021.040808	
	International Journal	Identification of Rupees using Texture and Soft Computing Techniques	International Journal of Innovative Research in Computer and Communication Engineering	Aug-21	10.15680/IJIRCCE.2021.0908006	



Siddaganga Institute of Technology, Tumkur-03
(An Autonomous Institute affiliated to Visvesvaraya Technological University, Belagavi, Approved by AICTE, New Delhi)
Department of Master of Computer Applications

	International Journal	Color Edge Exposure in Digital Image Processing and Analysis of the filters	International Journal of Innovative Research in Computer and Communication Engineering			2320-9801
--	-----------------------	---	--	--	--	-----------