

DEPARTMENT OF COMPUTER SCIENCE &ENGINEERING

Faculty Publications with Industry Persons

2021-22

S.No	Names of the Authors	Name of the Industry	Title of Publication	Date, Year of publication
1.	M. Sai Pravalika, S. Vasavi & S. P. Vighneshwar	Scientist, Information & Communication Technology (ICT), Indian National Centre for Ocean Information (INCOIS), Hyderabad,	Prediction of temperature anomaly in Indian Ocean based on autoregressive long short-term memory neural network	June 2022
2.	Jaya Sai Papolu, Meka Bhanu Prasad, S.Vasavi and Gujjari Geetha	Scientist, Indian National Centre for Ocean Information (INCOIS), Hyderabad,	A framework for Sea breeze Front Detection from Coastal Regions of India Using Morphological Snake Algorithm	April 2022
3.	Hafeeza Samreen; Supriya Katragadda; S. Vasavi ; K. Venu Gopala Rao	Scientist 'G', Group Director, Urban Studies & Geoinformatics NRSC	Change Detection Classification of Buildings from Satellite Images of Urban Area using Deep Learning Techniques	March 2022
4.	S.Vasavi , Ch.Divya A. ShashikantSarma	Scientist G, Group Director, VRG/EPISA, Space Applications Centre, ISRO, Ahmadabad	Detection of Solitary Ocean Internal Waves from SAR Images by using U-Net and KDV Solver Technique	November 2021
5.	N. Sandeep, S. Vasavi , G. Shruthi	Scientist, Indian National Centre for Ocean Information (INCOIS), Hyderabad,	Channel Attribution Using Markov Chain model	July 2021
6.	S. Vasavi , P. Vineela & S. Venkat Raman	Department of Space, Advanced Data Research Institute, Hyderabad, India	Age Detection in a Surveillance Video Using Deep Learning Technique	April,2021

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1.	Hafeeza Samreen Tugu Bhanu Prakash , S. Vasavi, Duddugunta Bhargav Reddy, Gulla Venkata Nikhil, C. Harikiran	Project Manager, Andhra Pradesh State Disaster Management Authority	Real time Weather Forecast model for Disaster Management using Machine Learning Algorithms	June 2021
2.	Bhanu Prasad; P. Jaya Sai; S. Vasavi; P. Joha; P. Pooja; K. Venu Gopala Rao	Scientist 'G', Group Director, Urban Studies & Geoinformatics NRSC	Change Detection of Urban GIS Maps with High Resolution Satellite Data Using Deep Learning Techniaues	June 2021
3.	S. Vasavi, Anumolu LeelaBhavani, Puja Badeti & C. Harikiran	Project Manager, Andhra Pradesh State Disaster Management Authority	A Model for Boat Accident Prediction Using Geographical and Topological Data	May 2021
4.	S. Vasavi, G. Sowjanya, B. Vamsi & C. Harikiran	Project Manager, Andhra Pradesh State Disaster Management Authority	A Model for Automatic Threshold Fixation for Boat Accidents Prediction.	May 2021
5.	M. Sai Pravallika, B. Naga Varun, S. Vasavi, N. Sandeep, M. Jaya Priya & A. Sashikanth Sarma	Scientist G, Group Director, VRG/EPISA, Space Applications Centre, ISRO, Ahmadabad	Ocean Wave Modeling from Satellite Images Using Data Assimilation	April 2021
6.	Chiruhas Bobbadi, Davuluru. S.V.N.S.S Anudeep, S. Vasavi,	Project Manager, Andhra Pradesh State Disaster Management Authority	Geospatial Based Thunder Storm Alert System	January,2020

	C. Harikiran			
7.	Chikati. Divya; S. Vasavi ; A.Sashikanth Sarma	Scientist G, Group Director, VRG/EPISA, Space Applications Centre, ISRO, Ahmadabad	Ocean Internal Wave Detection from SAR Images using Particle Swarm Optimization	December 2020

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Faculty Publications with Industry Persons

2019-20

<u>S.No</u>	Names of the Authors	Name of the Industry	Title of Publication	Date, Year of publication
1.	K. SuvarnaVani	Project Manager, Wipro Ltd. Dandugala Lakshmi Srinivasulu	Optimal Fuzzy C-means Clustering Technique for Big Data Analytics with Map Reduce based on Hybrid Optimization Algorithm	Dec,2019

DEPARTMENT OF COMPUTER SCIENCE &ENGINEERING

Faculty Publications with International Authors

2021-22

<u>S.No</u>	Names of the faculty	Name of the International authors	Title of Publication	Date, Year of publication
1.	Dr S.Vasavi	Anu A. Gokhale (Illinois State University, Normal, USA)	Performance Evaluation of VMP using Order Exchange and Migration Ant Colony System algorithm (OEMACS)	June 2022
2.	Dr.Ch.Rupa	Dr. Celestine Iwendi School of Creative Technologies, University of Bolton, Bolton, UK	Hash based deep learning Approach for Remote sensing satellite Imagery detection	Dec,2021
3.	Dr.Ch.Rupa	Gautam Srivastava Brandon University, CA	A machine Learning Driven threat intelligence system for malicious URL detection	Aug,2021

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Faculty Publications with International Authors

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S.No	Names of the faculty	Name of the International authors	Title of Publication	Date, Year of publication
1.	S.Vasavi	Anu A. Gokhale (Illinois State University, Normal, USA)	Predictive Analytics as a Service for Vehicle Health Monitoring Using Edge Computing and AK-NN algorithm	April 2021
2.	S.Vasavi	Anu A. Gokhale (Illinois State University, Normal, USA)	Predictive analytics of bridge safety for intelligent transportation system using ensemble model	June 2021
3.	Praveen Kumar Kollu	Khongdet Phasinam, Pibulsongkram Rajabhat University Thanwamas Kassanuk, Phitsanulok, Thailand Center for foundation Studies, Gulf College	Blockchain Techniques for Secure Storage of Data in Cloud Environment	Jan,2021
4.	Rizwan Patan	SK Hafizul Islam, Debabrata Samanta, Republic of Korea Indian Institute of Information Technology Ghulam Ali Mallah, and Shehzad Ashraf Chaudhry Shah Abdul Latif University, Khairpur Gelism University, Avcılar, Istanbul	DAWM: Cost-Aware Asset Claim Analysis Approach on Big Data Analytic Computation Model for Cloud Data Centr	May, 2021
5.	Rizwan Patan	Soheil Hosseini; Amir H. Gandomi, Baltimore University of Technology Sydney	Hash polynomial two factor decision tree using IoT for smart health care scheduling	March,2020

6.	Rizwan Patan	Amir H. Gandomi, Sydney, Australia	Machine learning-based left ventricular hypertrophy detection using multi-lead ECG signal	Aug, 2020
7.	Patan Rizwan	Mohammad S Khan, Korea East Tennessee State University, USA.	Computational Intelligent Sensor-rank Consolidation Approach for Industrial Internet of Things (IIoT)	April,2021
8.	Rizwan Patan	Robbi Rahim East Tennessee State University, USA.	Improved Deep Learning Techniques for Better Cancer Diagnosis	Sep, 2020
9.	Rizwan Patan	Fadi Al-Turjman, Leonardo Mostarda, Near East University, Turkey	A trust-based fuzzy neural network for smart data fusion in internet of things	Jan, 2021
10.	u.prabhu	N.Malarvizhi J.Amudhavel, TN VIT,Bhopal,ISBAT university, Uganda	A Verification of Pattern-Oriented Healthcare System Using CPN Tool	Jan,2021

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2019-20

<u>S.No</u>	Names of the faculty	Name of the International authors	Title of Publication	Date, Year of publication
1	S.Vasavi	En-Bing Lin Michigan state university ,USA	Computational Intelligence Approach for Classifying Type 2 Diabetic Retinopathy using Deep Neural Network	July 2019
2	S.Vasavi	Anu A. Gokhale (Illinois State University, Normal, USA)	Framework for Visualization of GeoSpatial Query Processing by Integrating Redis With Spark	July 2019
3	S.Vasavi	Anu A. Gokhale (Illinois State University, Normal, USA)	Evaluation of Performance Metrics in GeoRedisSpark Framework for GeoSpatial Query Processing	July 2019
4	S.Vasavi	Anu A. Gokhale (Illinois State University, Normal, USA)	Framework for Visualization of GeoSpatial Query Processing by Integrating MongoDB with Spark	October 2019
6	RizwanPatan	Reza M Parizi, Mohammed Atiquzzaman, East State Tennise University, USA	Vanetomo: A Congestion Identification and Control Scheme in Connected Vehicles Using Network Tomography	Jan,2020
8	RizwanPatan	Amir H Gandomi, Mahmoud Daneshmand, University Technology Sydney, Australia	Internet of Things Mobile–Air Pollution Monitoring System (IoT-Mobair)	March,2019

9	RizwanPatan	BalamuruganBalusamy, Amir H Gandomi, University Technology Sydney, Australia	An Intelligent approach for UAV and Drone Privacy Security Using Blockchain Methodology	July,2019
10	RizwanPatan	Simon James Fong, Amir H Gandomi, University Technology Sydney, Australia	Automated 3-D lung tumor detection and classification by an active contour model and CNN classifier	Nov,2019
11	RizwanPatan	Amir H Gandomi, University Technology Sydney, Australia	Optimal virtual machine selection for anomaly detection using a swarm intelligence approach	Nov,2019

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Faculty Publications with International Authors

2018-19

<u>S.No</u>	Names of the faculty	Name of the International authors	Title of Publication	Date, Year of publication
1	S.Vasavi	Bimlesh Wadhwa National University of Singapore	Regression Modelling for Stress Detection in Humans by assessing most prominent Thermal Signature	Januray 2019