

Department of computer science and Engineering: VRSEC

Academic Year: 2020-21

Name of the Author(s)	Title of the Publications	Name of the Journal/conference	Type	Vol , Issue No., Page No.	Month &Year of Publication	Indexing
D Rajeswara Rao	Identification of missing person using convolucional neural networks	2022 International Conference on Sustainable Computing and Data Communication Systems (ICSCDS)	CONFERENCE	https://doi.org/10.1109/ICSCDS53736.2022.9760777	07-09 April 2022 Erode, India	Scopus
	Classification of land cover usage from satellite images using deep learning algorithms	2022 International Conference on Electronics and Renewable Systems (ICEARS)	CONFERENCE	https://doi.org/10.1109/ICEARS53579.2022.9752282	13 April 2022 Tuticorin, India	Scopus
Name of the Author(s)	Title of the Publications	Name of the Journal/conference	Type	Month &Year of Publication	Indexing	
Dr.K.Srinivas	Multi model Based Hybrid Prediction Algorithm (MMHPA) for Stock	Arabian Journal for Science and Engineering	Journal		july,2021	SCI
	Canny-Back Propagation Model For Thyroid Prediction	Journal Of Critical Reviews	Journal		july,2020	Scopus
	Novel Greedy Heuristic Optimized Multi-instance	Solid State Technology	Journal		july,2020	Scopus

	Classification of water vessels using transfer learning ;a comparative study	2022 International Conference on Electronics and Renewable Systems (16-18 March 2022 Tuticorin, India	https://doi.org/10.1109/ICEARS53579.2022.9751927		
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Dr. S. Vasavi	Invariant Feature based Darknet Architecture for MovingObjectclassification	IEEE Sensors in Machine Vision of AutomatedSystems	journal	Volume21, Issue10	May,21	SCI
	Predictive analytics as a service for vehicle health monitoring using edge computing and AK-NN algorithm	Materials Today: Proceedings2021	Journal	Volume 46, Part 17, 2021, Pages 8645-8654 April 2021	August,21	Scopus
	Predictive analytics of bridge safety for intelligent transportation system using ensemble model	Materials Today: Proceedings2021	Journal	Volume 46, Part 17, 2021, pp. 5608–5616	June,21	Scopus
	Real time Weather Forecast model using Machine learning Algorithms	Online Journal of Qualitative Inquiry (TOJQI)	Journal	Vol 12, Issue 6, :pp 1936-1943	June,21	Scopus
	Channel Attribution Using Markov Chain model	Online Journal of Qualitative Inquiry	Journal	Vol 12, Issue 6, : pp2544–	July,21	Scopus
	Predictive analytics of bridge safety for intelligent transportation system using ensemble model	Materials Today: Proceedings2021	Conference		March,2021	Scopus
	Web Based Geo Processing Workbench	International Journal of Grid and Distributed Computing	Journal	Vol. 13, No. 1, (2020), pp. 2771–2777	august ,2020	others
	Geospatial Based Thunder Storm Alert System	International Journal of Grid and	Journal	Vol. 13, No. 1, (2020), pp. 2764–	august ,2020	others

		Distributed Computing		2771		
	A Model for Automatic Threshold Fixation for Boat Accidents Prediction.	SN Comput	Journal	Vol.2, Issue 3	March,2021	others
	Age Detection in a Surveillance Video Using Deep Learning Technique.	SN Comput	Journal	Vol.2, Issue 3	April,21	others
	A Model for Boat Accident Prediction Using Geographical and Topological Data.	SN Comput	Journal	Vol.2, Issue 3	March 2021	others
	Ocean Internal Wave Detection from SAR Images using Particle Swarm Optimization ,	Third International Conference on Advances in Electronics, Computers and Communications (ICAEECC-2020)"	Conference	REVA University, Bengaluru, India.	11th & 12th December 2020	Scopus

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Dr.K.Suvarnavani	High utility itemset mining using path encoding and constrained subset generation	Peer-to-Peer Networking and Applications	Journal	volume 14, pages2410–2418	August,2020	SCI
	High Utility Itemset Mining using Path Encoded Utility Lists and Pattern Trees	Linguistica Antverpiensia	Journal	Volume 2021: Issue 2	may,2021	Scopus
	Mining of High Utility Item sets using Genetic Algorithm	Turkish Journal of Computer and Mathematics Education	Journal	Vol. 12 No. 9 (2021)	september,2021	Scopus
	Automatic tool generation for diagnosing blood anemia	Journal of cardio vascular disease research	Journal	Vol. 12 Issue 4	april,2021	Scopus
	Detection Of Significant Patterns In Cervical And Breast Cancer Proteins	Annals of R.S.C.B	Journal	Vol. 25 Issue 4, PP: 19350-19357	april,2021	Scopus
	Road deformation detection	IEEE 7 th international conference on smart structures and systems ICSSS-2020	conference	Saveetha Engineering College,chennai	July 23-24, 2020	Scopus
	OCR Assisted translator	IEEE 7 th international conference on smart structures and systems ICSSS-2020	Conference	Saveetha Engineering College,chennai	July 23-24, 2020	Scopus

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Dr.Ch.Rupa	An improved security and privacy management system for data in multi-cloud environments using a hybrid approach	Evolutionary Intelligence	Journal	Vol. 14 Issue 2, , Pages 1117-1133	Feb. 2021	SCI
	TBSMR: A Trust-Based Secure Multipath Routing Protocol for Enhancing the QoS of the Mobile Ad Hoc Network	Security and Communication Networks	Journal	Vol. 2021	Feb. 2021	SCI
	Security and privacy of UAV data using blockchain technology	Journal of Information Security and Applications	Journal	Vol. 55	October,2020	SCI
	A Blockchain Based Cloud Integrated IoT Architecture Using a Hybrid Design	International Conference on Collaborative Computing: Networking, Applications and Worksharing	Conference	Shanghai, China.	16-18 October,2020	Scopus
	Proficient Smart Soil based IoT System for Crop Prediction	2020 Second International Conference on Inventive Research in Computing Applications (ICIRCA)	Conference	Avinashi Road, Goldwins, Coimbatore	July 15th-17th, 2020	Scopus
	Remotely Controlled Surveillance Vehicle with Live Video Streaming	International Conference on Computational Intelligence and Data Engineering	Conference	VIT,AP	13-14 august,2020	Scopus
	An Intelligent and Smart IoT-Based Food Contamination Monitoring System	International Conference on Computational Intelligence and Data Engineering	Conference	VIT,AP	13-14 august,2020	Scopus
	Secure Medical Data Using Symmetric Cipher Based Chaotic Logistic Mapping	International Conference on Advanced Computing and Communication Systems (ICACCS)	conference	Sri Eshwar College of Engineering, Chennai	19 – 20 March , 2021	Scopus

	Revelation of Geospatial Information using Augmented Reality	2021 Sixth International Conference on Wireless Communications, Signal Processing and Networking (WiSPNET)	Conference	SSN College of Engineering, Tamilnadu	25 - 27 March 2021	Scopus
	Pentatope Based Elliptic Curve Encryption for Privacy and Protection of Multimedia Data	Advances in Automation, Signal Processing, Instrumentation, and Control: Select Proceedings of i-CASIC 2020	Conference	VIT, VELLORE	27 Feb 20	Scopus
	An Intelligent and Smart IoT-Based Food Contamination Monitoring System	International Conference on Computational Intelligence and Data Engineering	Conference	https://link.springer.com/chapter/10.1007/978-981-15-8767-2_22		Scopus
	A closer Look at Cyber Security and Cryptanalysis	Aug, 2020	Book	978-1536181654		Scopus
G. Krishna Kishore	Medical services Chat bot for Basic Medication	ICICCT 2021, Lecture Notes in Networks and Systems, Springer	conference	Gnanamani College of Technology, Namakkal, India	25-26, June 2021	Scopus
	PERFORMANCE BASED ADAPTIVE LEARNING RATE SCHEDULER ALGORITHM	Global Conference on Artificial Intelligence and Applications, Springer	conference	UNIVERSITY OF ENGINEERING & MANAGEMENT, Jaipur	September 8-10, 2020 .	Scopus
S.Ravi Kishan	Real time GSM based water Quality measurement system	11 th International conference on recent engineering and technology 2021	Conference	Virtual International Conference, Chirala, Andhra Pradesh	20th to 20th June 2021	No index
	Unsupervised Classification Approach for Anomaly Detection in Big Data Streams	ICNGIoT 2021	Conference	Gunupur, Odisha, India	5th to 6th February 2021	Scopus
	Unsupervised Classification	Springer	book chapter	Springer,	978-981-16-	Scopus

	Approach for Anomaly Detection in Big Data Streams			Singapore	0666-3	
Dr.G. Anuradha	A survey on obstacle avoidance and traffic light detection approaches for autonomous vehicle	2021 International conference on intelligence technology(CONIT)	Conference	Hubballi, India	15 Apr 21	Scopus
	Detection of wood plants using Image processing and deep learning techniques	2 nd International conference on image processing and capsule networks(ICIPCN-2021)	Conference	King Mongkut's University of Technology, Thonburi, Thailand	May 27-28, 2021	others
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Dr.P.Ramesh Kumar	Colorimetric Analysis to Predict Ph Value of the Water on Mpads (Microfluidic Paper Based Analytical Devices) Testzone Area	2nd International Conference on IoT, Social, Mobile, Analytics & Cloud in Computational Vision & Bio-Engineering (ISMAC-CVB 2020)	Conference	St. Mother Theresa Engineering College, Tirunelveli, India.	29-30, October 2020	Scopus
	IoT based State of the Art Dam Management System in Indian Scenario	2020 Fourth International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud)(I-SMAC)	Conference	SCAD Institute of Technology at Palladam, India	7-9, October 2020	Scopus
B.Jayanag	Classification of hotel reviews using sentiment analysis	Turkish online journal of qualitative inquiry	Journal	Vol-12, Issue 3;pp-1108-1122	june,2021	Scopus
	Framework for human activity recognition	Turkish online journal of qualitative inquiry	Journal	Vol-12, Issue 3;pp-1098-1107	june,2021	Scopus
Dr.G.Kranthi Kumar	Social Distance Monitoring Model Using Deep Learning	6th International Conference on Microelectronics, Computing, Communication Systems (MCCS-2021)	ISVE Ranchi at Advanced Regional Telecom	-----		

			Training Centre, BSNL, Hazaribag Road, Ranchi-835217, Jharkhand, India during July 17 -18th , 2021			
Dr.K .praveen kumar	Extraction of 2D patterns from protein spices clustering	Annals of R.S.C.B	Journal	Vol. 25 Issue 4, PP: 18082-18093	june,2021	Scopus
	Blockchain Techniques for Secure Storage of Data in Cloud Environment	Turkish Journal of Computer and Mathematics Education	Journal	Vol-12 Issue11Pages1 515-1522	may,2021	Scopus

Name of the Author(s)	Title of the Publications	Name of the Journal/conference	Type	Vol , Issue No., Page No.	Month &Year of Publication	Indexing
Dr.M.Sobhana	Anomaly-based network intrusion detection with ensemble classifiers and meta-heuristic scale (ECMHS) in traffic flow streams	Journal of Ambient Intelligence and Humanized Computing	Journal		November,20	SCI
	Deep Residual Convolutional Neural Network Based Detection of Covid-19 from Chest-X-Ray Images	International Conference on Digital Technologies and Applications	Conference	Faculty of Science, Laboratory LIMAS in Fez, Morocco,	29-30, january 2021	Scopus
S.Rajesh	Lung CT image recognition using deep learning techniques to detect lung cancer	International journal of emerging trends in engineering research	Journal	Vol. 8 Issue 7,pp-3575-3579	july,2020	Scopus
K.S.Vijaya Lakshmi	Automatic tool generation for diagnosing blood anemia	Journal of cardio vascular disease research	Journal	Vol. 12 Issue 4	april,2021	Scopus
	Printingqueue Android mobile Application	International research journal of engineering and technology	Journal	Vol. 7 Issue 8,pp-4888-4892	august,2020	others
Dr.K.L.Sailaja	Autonomous obstacle avoidance robot using regression	International conference on computational intelligence and data engineering	Conference	VIT,AP	25 Feb 21	Scopus
	Face expression based result prediction in talent shows using deep learning	Springer	book chapter	Springer, Singapore	May,21	Scopus

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JVD Prasad	A feature selection strategy to predict type 2 diabetes on early stage using machine learning models	Advance in mechanics	Journal	Vol. 9 Issue 2,pp-188-194	Feb. 2021	Scopus
	Land cover change using deep learning techniques	IISTEM International conference	Conference	Virtual Conference	13th September 2021	others
M.Vani Pujitha	EnhancementOf Performance Parameters In Wireless Mobile Adhoc Networks Using Dsr And Cache Modified Dsr Routing Protocols	International Conference on Wireless Communications Signal Processing and Networking (Wispsnet 2021)	Conference	Sri Sivasubramaniya Nadar College of Engineering, Chennai	March,21	Scopus
A.Raghu veera pratap	A feature selection strategy to predict type 2 diabetes on early stage using machine learning models	Advance in mechanics	Journal	Vol. 9 Issue 2,pp-188-194	Feb. 2021	Scopus
VVNV phani	Stock market prediction for time series forecasting using prophet upon ARIMA	IEEE Sponsored 7th International Conference on Smart Structures and Systems ICSSS 20	Conference	Saveetha Engineering College,chennai	July 23-24, 2020	Scopus
S.Babu	A feature selection strategy to predict type 2 diabetes on early stage using machine learning models	Advance in mechanics	Journal	Vol. 9 Issue 2,pp-188-194	Feb. 2021	Scopus
J.Rangarao	Mammogram classification with forest	International Journal of current research	Journal	Vol. 13 Issue 9,pp-136-141	may,2021	Scopus

	optimization using machine learning algorithms	and reviews				
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mukesh chinta	Stock market prediction for time series forecasting using prophet upon ARIMA	IEEE Sponsored 7th International Conference on Smart Structures and Systems ICSSS 20	Conference	Saveetha Engineering College,chennai	July 23-24, 2020	Scopus
	Real time soil nutrient detection and analysis	International conference on advance computing and innovative technologies in engineering(IEEE)	Conference	Galgotias College of Engineering and Technology, Greater Noida, India	4-5 March 2021	Scopus
	Deep Residual Convolutional Neural Network Based Detection of Covid-19 from Chest-X-Ray Images	International Conference on Digital Technologies and Applications	Conference	Faculty of Science, Laboratory LIMAS in Fez, Morocco,	29-30, january 2021	Scopus
N.Sunny	Driver distraction and drowsiness detection system	2021 International conference on intelligence technology(CONIT)	Conference	Hubballi, India	April,21	Scopus
S.Rajeswari	Model building for internet of thing based system for monitoring health care	International journal of life science and pharma research	Journal	Vol. 10 Issue 5,pp-L-145-L149	December,2020	SCIE
	OCR Assisted translator	IEEE 7 th international conference on smart structures and systems ICSSS-2020	Conference	Saveetha Engineering College,chennai	July 23-24, 2020	Scopus

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M.Srilatha	Machine learning techniques on bigdata analytics using spark-R for sustainable IT sector	Journal of green engineering	Journal	Vol. 10 Issue 9,pp 7133-7140	september,2020	Scopus
	Tracking machine objects in a video using YOLO 3 in cloudlet network	Smart technology in data science and communication	Conference	Guntur, India	January, 2021	Scopus
Ch.Raga madhuri	Stock market prediction for time series forecasting using prophet upon ARIMA	IEEE Sponsored 7th International Conference on Smart Structures and Systems ICSSS 20	Conference	Saveetha Engineering College,chennai	July 23-24, 2020	Scopus
	Dengue alert system- A life saviour	IEEE Sponsored 7th International Conference on Smart Structures and Systems ICSSS 20	Conference	Saveetha Engineering College,chennai	July 23-24, 2020	Scopus
Md.meera durga mastan	Web Based Geo Processing Workbench	International Journal of Grid and Distributed Computing	Journal	Vol. 13, No. 1, (2020), pp. 2771–2777	august ,2020	others
Ch.Anuradha	Adaptive alternative path and rate based congestion control for 6lowpan, wsn towards internet of things	Indian Journal of Computer Science and Engineering	Journal	Vol. 11 Issue 5, pp. 446–453	september,2020	Scopus
	Adaptive Congestion Window Algorithm for the Internet of Things Enabled Networks	International Journal of Advanced Computer Science and Applications	Journal	Vol. 12 Issue 2, pp. 105–111	Feb. 2021	Scopus

Name of the Author(s)	Title of the Publications	Name of the Journal/conference	Type	Vol , Issue No., Page No.	Month &Year of Publication	Indexing
V.Deepa	Transfiguring handwritten text and typewritten text	5 th International conference on Inventive communications and computational technologies ICICCT-2021(springer)	Conference	Gnanamani College of Technology, Namakkal, India	25-26, June 2021	Scopus
	Deep Residual Convolutional Neural Network Based Detection of Covid-19 from Chest-X-Ray Images	International Conference on Digital Technologies and Applications	Conference	Faculty of Science, Laboratory LIMAS in Fez, Morocco,	29-30, january 2021	Scopus
vp.Rizwan	Mutual Informative MapReduce and Minimum Quadrangle Classification for Brain Tumor Big Data	IEEE Transactions on Engineering Management	Journal	Early access	May,2020	SCI
	Machine learning-based left ventricular hypertrophy detection using multi-lead ECG signal	Neural Computing and Applications	Journal	vol 33,pp.4445-4455	august,2020	SCI
	Computational Intelligent Sensor-rank Consolidation Approach for Industrial Internet of Things (IIoT)	IEEE Internet of Things Journal	Journal	-	Dec,20	SCI
	Ensemble Classification and IoT Based Pattern Recognition for Crop Disease Monitoring System	IEEE Internet of Things Journal	Journal	Vol 8	august,21	SCI
	Machine learning inspired	2020 IEEE	Conference	Canberra, ACT,	1-4 Dec. 2020.	Pages

	phishing detection (pd) for efficient classification and secure storage distribution (ssd) for cloud-iot application	Symposium Series on Computational Intelligence (SSCI)		Australia		202-210
	Internet of things-based fog and cloud computing technology for smart traffic monitoring	Internet of Things	Journal	Volume 14 Pages 100175	june,2021	others
	Segmentation of Nuclei in Histopathology images using Fully Convolutional Deep Neural Architecture	2020 International Conference on Computing and Information Technology (ICCIT-1441)	Conference	Tabuk, Saudi Arabia	9-10 Sept. 2020	Scopus
P.Rizwan	Big Data and IoT: Trends, Issues and Applications	Recent Advances in Computer Science and Communications	Conference	Bentham Science Publishers		Scopus
	Image analysis and data processing for COVID-19	Academic Press	book chapter	Academic Press	Jan,21	Scopus
	Improved Deep Learning Techniques for Better Cancer Diagnosis	Springer, Singapore	book chapter	Springer, Singapore	September,20	Scopus
	Effective Use of Deep Learning and Image Processing for Cancer Diagnosis	Springer, Singapore	book chapter	Springer, Singapore	September,20	Scopus
	Introduction to Blockchain and Big Data	CRC Press	book chapter	CRC Press	September,20	Scopus

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U.Prabhu	Cuddle death algorithm using ABC for detecting unhealthy nodes in wireless sensor networks	Evolutionary Intelligence	Journal		january,2021	SCI
	Flower Pollination Algorithm with Powell's method for the minimum energy broadcast problem in wireless sensor network	Wireless Personal Communications	Journal	Vol. 119, pp. 1111–1135,	Feb. 2021	SCI
	Experimental Analysis of Ant System on Travelling Salesman Problem Dataset TSPLIB	EAI Endorsed Transactions on Pervasive Health and Technology	Journal	Vol. 5, pp. 1-16, Iss. 19	August, 19	others
	A Verification of Pattern-Oriented Healthcare System Using CPN Tool	Sustainable Communication Networks and Application	Conference	Springer		Scopus
	A Distributed Spanning Tree-Based Scalable Fault-Tolerant Algorithm for Load Balancing in Web Server Farms	Second International Conference on Smart Energy and Communication	Conference	Poornima Institute of Engineering and Technology, Jaipur, India	March 20–21, 2020	Scopus
	A LeakyReLU based Effective Brain MRI Segmentation using U-NET	5th International Conference on Trends in Electronics and Informatics (ICOEI)	Conference	SCAD College of Engineering and Technology , Tirunelveli, India.	3-5, June 2021	Scopus