Department of computer science and Engineering: VRSEC
Publications in International Journals: 2021 – 2022

Journals SCI
Total: 14

S. No	Name of the authors	Title of the paper	Journal Name	Vol., pp., Month and Year ISSN	DOI
1.	Dr. K. Srinivas	Multimodal Based Hybrid Prediction Algorithm (MMHPA) for Stock Market Prices Prediction Framework (SMPPF)	Arabian Journal for Science and Engineering	1319-8025	https://doi.org/10.1016/j.jksuci.2021.07.001
2.	S. Vasavi	Prediction of temperature anomaly in Indian Ocean based on autoregressive long short-term memory neural network	Neural Computing and Applications	January 2022	https://doi.org/10.1007/s00521-021-06878-8
3.	Ch. Rupa	Hybrid cryptographic scheme for secure communication in mobile Ad Hoc network –based E-Healthcare system	Wireless Communications and Mobile Computing	Volume 2022 Article ID 9134036	https://doi.org/10.1155/2022/9134036
4.	Ch. Rupa	Securing Multimedia using a deep learning based chaotic logistic map	IEEE Journal of Biomedical and Health Informatics	Early Access Page(s): 1 – 1 2168-2194	https://doi.org/10.1109/JBHI.2022.3178629
5.	Ch. Rupa	Hash Based Deep Learning Model to Detect Ships From Satellite Imagery	Journals Water	Volume 14 Issue 5	https://doi.org/10.3390/w14050707

6.	Dr. Ch. Rupa	1 - PEES-IMP: lightweight proxy re-encryption-based identity management protocol for enhancing privacy over multi-cloud environment	Journals Automated Software Engineering	Volume 29	--
7.	Dr. Ch. Rupa	Medicine Drug Name Detection Based Object Recognition Using Augmented Reality	Journal Frontiers in Public Health	Volume 10	--
8.	Dr. Ch. Rupa	Multimedia Concealed Data Detection Using Quantitative Steganalysis	Journal International Journal of Digital Crime and Forensics (IJDCF)	Volume 13	---
9.	K. L. Sailaja Ramesh Kumar P	A hybrid approach for Landmark label recognition and similar images retrieval Using Resnet50 and Delf	Computer Vision and Image Understanding	Not Assigned	http://dx.doi.org/10.2139/ssrn.4082868
10.	Dr. Praveen Kumar Kollu	Development of Advanced Artificial Intelligence and IoT Automation in the Crisis of Covid-19 Detection	Hindawi Journal of Healthcare Engineering	Volume 2022, Article ID 1987917, 12 pages 2040-2309	https://doi.org/10.1155/2022/1987917
11.	M. Sobhana, G. Anuradha	Quantum inspired meta-heuristic approach for optimization of genetic algorithm	Computers and Electrical Engineering	0045-7906	https://doi.org/10.1016/j.compeleceng.2021.107356
12.	J.V.D. Prasad	Computational Technique Based on Machine Learning and Image	Hindawi Security and Communication	Volume 2022, Article ID	https://doi.org/10.1155/2022/1918379

		Processing for Medical Image Analysis of Breast Cancer Diagnosis	Networks	1918379, 7 pages	
13.	A.R.V. Pratap	Machine Learning and Image Processing Enabled Evolutionary Framework for Brain MRI Analysis for Alzheimer's Disease Detection	Hindawi Computational Intelligence and Neurosciences	Volume 2022, Article ID 5261942, 8 pages	https://doi.org/10.1155/2022/5261942
14.	S. Babu	Towards Development of Machine Learning framework for enhancing security in Internet of things	Hindawi Journal of security and communication networks	Volume 2022 | Article ID 4477507	https://doi.org/10.1155/2022/4477507

Journals Scopus
Total: 14

S. No	Name of the authors	Title of the paper	Journal Name	Vol., pp., Month and Year ISSN	DOI
1.	Dr. **S. Vasavi**,	Channel Attribution Using Markov Chain model	Online Journal of Qualitative Inquiry (TOJQI)	Vol 12, Issue 6, July 2021: 2544–2551 1309-6591	------
2.	Dr. **S. Vasavi**,	A framework for Sea breeze Front Detection from Coastal Regions of India Using Morphological Snake Algorithm	ECS Transactions	Volume 107, Number 1 1938-5862	10.1149/issn.1938-5862
3.	Dr. **S. Vasavi**	Python Implementation of intelligent system for Quality Control of Argo Floats using Alpha Convex Hull	International Journal on Recent and Innovation Trends in Computing and Communication	Volume: 10 Issue: 5 2321-8169	https://doi.org/10.17762/ijritcc.v10i5.5554
4.	**Dr. S. Vasavi**,	Detection of Solitary Ocean Internal Waves from SAR Images by using U-Net and KDV Solver Technique	Global Transitions Proceedings	Volume 2, Issue 2, November 2021, Pages 145-151 2666-285X	https://doi.org/10.1016/j.gltp.2021.08.063
5.	**K. S. Vijaya Lakshmi** **Dr. K. Suvarna Vani**	Automatic Tool Generation for Diagnosing Blood Anemia	Journal of Cardiovascular Disease Research	VOL 12, ISSUE 04, 2021	0975-3583, 0976-2833

6.	**Dr. Ch. Rupa**	RS-Based Multimedia concealed data detection	Journal of Institution of engineers	Series B volume 103, pages607–613 (2022)	https://doi.org/10.1007/s40031-021-00642-1
7.	**Dr.Ch. Rupa**	Web-Based Knowledge Management Distributed Application for Medical Certificates Using Blockchain Technology	Book Knowledge Management and Web 3.0	Pages 141-162	
8.	**Dr.Ch. Rupa**	A Study on Privacy Preservation of Medical Certificates Using Blockchain Technology	Journal Recent Patents on Engineering	Volume 15	
9.	Dr. **M. Sobhana**	An Artificial Intelligence based weed classification using VGG 16 Classifier and RMSPROP Optimizer	Journal Of Theoretical and Applied Information Technology	15th March 2022 1817-3195	----
10.	Dr. **G Anuradha**	Face Transferring on Webcam **images using Style GAN**	Journal of Physics: Conference	Series, Volume2062, (2021) 012011 17426588-17426596	10.1088/1742-6596/2062/1/012011
11.	Dr. **G Anuradha**	Learning Algorithms	International Journal of Advanced Intelligence Paradigms	Vol. 21, No.3-4 April 7,2022 1755-0394	
12.	**J.V.D. Prasad, A.R.V. Pratap, S. Babu**	Machine Learning based clinical diagnosis of Liver Patients with Instance Replacement	Journal of Mobile Multimedia	Vol. 18_2 Sep 2021 15504646	https://orcid.org/0000-0002-1146-9387
13.	**S. Rajesh**	Handwritten Digit Recognition using CNN	Turkish Online Journal of Qualitative Inquiry (TOJQI)	Volume 12, Issue 7, July 2021 pp.12188-12194 1309-6591	---

| 14. | **S. Rajeswari** | Comprehensive study on key pollen Allergens | Journal of pure and applied microbiology | Article 7172 0973-7510 | 10.22207/JPAM.16.1.26 |

Journals Others
Total: 01

S. No	Name of the authors	Title of the paper	Journal Name	Vol., pp., Month and Year ISSN	DOI	Citations
1.	**Mastan Mohammed Meera Durga**	Covid Support System for Home Isolation Patients	International Journal of Engineering Research in Computer science & Engineering	Vol 8, Issue 10, October 2021 2394-2320	---	

Publications in International Conferences: 2021 – 2022

Total: 70

S. No	Name of Authors	Title of the paper	Title of the event	Organizer Details, Venue, Date, etc	DOI
1.	D Rajeswara Rao	Identification of missing person using convolutional neural networks	2022 International Conference on Sustainable Computing and Data Communication Systems (ICSCDS)	07-09 April 2022 Erode, India	https://doi.org/10.1109/ICSCDS53736.2022.9760777
2.	D. Rajeswara Rao	Classification of land cover usage from satellite images using deep learning algorithms	2022 International Conference on Electronics and Renewable Systems (ICEARS)	13 April 2022 Tuticorin, India	https://doi.org/10.1109/ICEARS53579.2022.9752282
3.	D Rajeswara Rao	Mineral Identification using CNN	2022 International Conference on Electronics and Renewable Systems (ICEARS)	16-18 March 2022 Tuticorin, India	https://doi.org/10.1109/ICEARS53579.2022.9751860
4.	S. Vasavi	Change Detection Classification of Buildings from Satellite Images of Urban Area using Deep Learning Techniques	Second International Conference on Artificial Intelligence and Smart Energy	February 23rd – 25th 2022	https://doi.org/10.1109/ICAIS53314.2022.9742951
5.	S. Vasavi	Quality Enhancement for Drone Based	Proceedings of the International Conference on	March 16th 10 18th 2022	https://doi.org/10.1109/ICEARS

		Video using enhanced super-resolution generative adversarial networks for FPGA Integration	Electronics and Renewable Systems (ICEARS 2022)		53579.2022.9751731
6.	S.Vasavi	Multi-Objective Virtual Machine Placement using Order Exchange and Migration Ant Colony System algorithm	Proceedings of the International Conference on Electronics and Renewable Systems (ICEARS 2022)	March 16th 10 18th 2022	https://doi.org/10.1109/ICEARS53579.2022.9752048
7.	S.Vasavi	Autonomous drones-based forest surveillance using Faster R-CNN	Proceedings of the International Conference on Electronics and Renewable Systems (ICEARS 2022)	March 16th to 18th ,2022	https://doi.org/10.1109/ICEARS53579.2022.9752298
8.	Srinivas K	Classification of water vessels using transfer learning; a comparative study	2022 International Conference on Electronics and Renewable Systems (ICEARS)	16-18 March 2022 Tuticorin, India	https://doi.org/10.1109/ICEARS53579.2022.9751927
9.	K. Suvarna Vani	Evaluation of support to beneficiaries under PMAY using clustering techniques	2nd Global conference for Advancement in Technology	1st-3rd October,2021	https://doi.org/10.1109/GCAT52182.2021.9587732
10.	Ch. Rupa	Region based detection of ships from remote sensing satellite imagery using deep learning	2022 2nd International Conference on Innovative Practices in Technology and Management (ICIPTM)	23-25 February 2022 Gautam Buddha Nagar, India	https://doi.org/10.1109/ICIPTM54933.2022.9754168
11.	Ch. Rupa	Secure Smart Room with Intelligent Power Management	ICEARS 2022,	16-18 March, 2022	https://doi.org/10.1109/ICEARS53579.2022.975

					2426
12.	Ch. Rupa	PAW patrol: IoT based smart wearable device for protection against violence on pedophile Alzheimer	2022- 6th international conference		
13.	Ch. Rupa	Privacy Protection of Digital Information using Frequency Domain Watermarking Technique	2021 4th International Conference on Recent Trends in Computer Science and Technology (ICRTCST) Pages 202-206	11-12 February 2022 Jamshedpur, India	https://doi.org/10.1109/ICRTCST54752.2022.9781929
14.	Ch. Rupa	Bonafide Satellite Landslide Image Detection Using Deep Learning	International Conference on Computing in Engineering & Technology Pages 21-28	12-13 February Lonere, India	10.1007/978-981-19-2719-5_3
15.	Ch. Rupa	Vyayam: Artificial Intelligence based Bicep Curl Workout Tacking System	2021 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES)	24-25 September 2021 Chennai, India	https://doi.org/10.1109/ICSES52305.2021.9633841
16.	Ch. Rupa	Intelligent Secure Smart Locking System using Face Biometrics	2021 International Conference on Recent Trends on Electronics, Information, Communication & Technology (RTEICT)	27-28 August 2021 Bangalore, India	https://doi.org/10.1109/RTEICT52294.2021.9573869
17.	Ch. Rupa	Malicious URL Detection using	2021 IEEE International Conference on Omni-Layer	23-25 August 2021 Barcelona, Spain	https://doi.org/10.1109/COINS5

		Logistic Regression	Intelligent Systems (COINS)		1742.2021.9524269
18.	Ch. Rupa	A Machine Learning Driven Threat Intelligence System for Malicious URL Detection	The 16th International Conference on Availability, Reliability and Security	17 August 2021 Article No.: 154Pages 1–7	https://doi.org/10.1145/3465481.3470029
19.	S Ravi Kishan	Classification and Separation of Whatsapp images using Machine Learning	(IEEE) 2nd International Conference on Smart Electronics and Communication ICOSEC 2021	Trichy, India 07-09 October 2021	https://doi.org/10.1109/ICOSEC51865.2021.9591866
20.	S Ravi Kishan	Meeting Summarizer using Natural Language Processing	The 6th International Conference on Trends in Electronics and Informatics (ICOEI 2022)"	April 28 - 29 2022	https://doi.org/10.1109/ICOEI53556.2022.9777155
21.	Shaik, A.B., Jonnadula, P., Bhukya, K. B., Ratlavat, B., Surapaneni, R.K.	Internet of Things based Smart Irrigation Motor System	Proceedings - 2nd International Conference on Smart Electronics and Communication, ICOSEC 2021, 2021, pp. 102–107	7-9, October 2021 Kongunadu College of Engineering and Technology	https://doi.org/10.1109/ICOSEC51865.2021.9591925
22.	Dr. G Anuradha	Survey On Personality Detection Using Deep Learning Techniques	6th international conference in communication and electronics systems	PPG Institute of Technology, Coimbatore	https://doi.org/10.1109/ICCES51350.2021.9488932
23.	G Anuradha	Road extraction using CNN & Swarm Intelligence from Remote sensing Images	International Conference on Machine Learning Big Data Management Cloud and Computing	13th june, 2022 Asian Society of academic research	----

24.	G Anuradha	Sign Gesture Recognition for deaf and dumb people	2nd International Conference on Sustainable Materials and Computational techniques 2022	International Federation of Innovative Research and Development May 27-28, 2022	------
25.	Dr. P. Ramesh Kumar Dr. K.L. Sailaja	Yara Capper YARA rule-based automated system to detect and alert network attacks	Communications in Computer and Information Science (CCIS)		-----
26.	Dr. P. Ramesh Kumar	IWePam - Intelligent Warehouse Environmental Parameters Analysis and Monitoring	International Conference on Technology, Research, and Innovation for Betterment of Society TRIBES-2021	IIIT Nava Raipur, Chhattisgarh (India) December 17 - 19, 2021	-----
27.	Dr. P. Ramesh Kumar	Virtual Background for Video Conference using Deep Lab model	International conference on Recent Trends in Parallel and Distributed Processing Techniques	Department of ECE, Galgotias College of Engineering & Technology, Greater Noida.	----
28.	Kranthi Kumar, G.	A deep learning based Human Activity Recognition model using short term memory networks	International Conference on Sustainable Computing and Data Communication Systems ICSCDS-2022	*7-9, April 2022* Shree Venkateshwara Hi-Tech Engineering College Erode, India	https://doi.org/10.1109/ICSCDS53736.2022.9760794
29.	Kranthi Kumar G,	Stress Management System	DELCON 2022.	Netaji Subhas university of Technology, New Delhi, India 11-13th Feb 2022	https://doi.org/10.1109/DELCON54057.2022.9753121
30.	Kranthi Kumar G,	Implementing Augmented Reality	DELCON 2022.	Netaji Subhas university of Technology, New Delhi, India	https://doi.org/10.1109/DELCO

		Using OpenCV		11-13th Feb 2022	N54057.2022.97 53233
31.	K. Praveen Kumar	Efficient Recommender System for Over-the-Top Media Service	2021 2nd Global Conference for Advancement in Technology (GCAT)	1-3 Oct. 2021	10.1109/GCAT5 2182.2021.9587 630
32.	K. Praveen Kumar	An Anomaly Based Network Intrusion Detection System Using LSTM and GRU	2022 International Conference on Electronic Systems and Intelligent Computing (ICESIC	22-23 April 2022 https://doi.org/10.1109/ICESIC 53714.2022.9783500	https://doi.org/1 0.1109/ICESIC5 3714.2022.9783 500
33.	M. Sobhana	Deep learning based Mobile based mobile application for nutrient deficiency identification of rice plants using ADAM optimizer	DELCON 2022	11h-13th February,2022	https://doi.org/1 0.1109/DELCO N54057.2022.97 52798
34.	M. Sobhana	Predicting crop yield with NDVI in back scatter values using deep neural networks	MECON 2022,	Amity University, UP,10th-11th March,2022	https://doi.org/1 0.1109/MECON 53876.2022.975 1969
35.	M. Sobhana	Improved reliability prediction in engineering systems based on artificial neural networks	MECON 2022,	Amity University, UP,10th-11th March,2022	https://doi.org/1 0.1109/MECON 53876.2022.975 2305
36.	M. Sobhana.	Family Expenditure and Income Analysis using Machine Learning algorithms	Second International Conference on Smart Technologies in Computing, Electrical and	Reva University Date:16th nd 17th December 2021	doi: 10.1109/ICSTC EE54422.2021.9 708583

			Electronics (ICSTCEE), 2021,		
37.	M. Sobhana	KRISHI RAKSHAN- A machine learning based new recommendation system to the farmer	2022 6th International Conference on Intelligent Computing and Control Systems (ICICCS)	25-27 May 2022 Madurai, India	10.1109/ICICCS 53718.2022.978 8221
38.	M. Sobhana	Automatic Cephalometric Analysis using machine learning	2nd International Conference on Intelligent technologies	24th – 26th june, 2022 KLE Institute of Technology, Hubballi.	--
39.	KL Sailaja, Ramesh Kumar P	Landmark Recognition and Retrieval using ResNet50 and DELF	International Conference on Computer Networks and Inventive Communication Technologies	RVS Technical Campus, Coimbatore, India 1st -2nd April 2022	----
40.	K L Sailaja, Ramesh Kumar P	Coastline change detection using K-means clustering and Canny Edge detector on satellite images	International Conference on Computer Networks and Inventive Communication Technologies	RVS Technical Campus, Coimbatore, India 1st -2nd April 2022	------
41.	J.V.D. Prasad	Stock price forecasting using Machine Learning Models	ICIECE-2021,	GNITC, Hyderabad. August 13-14,2021	-----
42.	J V D Prasad	Detection and counting of trees in aerial images using image processing techniques	Published in Conference proceedings of INDIA-2022,	25th-26th Feb 2022, BVRIT, Hyderabad	-----

43.	K.S. Vijaya Lakshmi	Frontal Face Outline Generation	International conference on computing sciences	Chennai 24th April 2022	-----
44.	S Rajesh	An Integrated Crop Prediction System using ML algorithms	9th "International Conference on Innovations in Electronics & Communication Engineering" (ICIECE-2021).	Dept. of ECE GURUNANAK INSTITUTIONS HYD, August 13 - 14, 2021	----
45.	S Rajesh	Disease Predictions based on symptoms using Database and GUI	Presented in IEEE Conference ICCMC 2022,	29th -31st MARCH 2022	https://doi.org/10.1109/ICCMC53470.2022.9753707
46.	M. Vani Pujitha	Autism Spectrum Disorder Detection Techniques	International Conference on Communication, Computing, and Internet of things	Sai Ram Engineering College, Chennai, 10th-11th March ,2022	https://doi.org/10.1109/IC3IOT53935.2022.9767927
47.	M. Vani Pujitha	Performance analysis of Modified Position Responsive Routing Protocol (MPRRP) to Improve QoS in wireless sensor networks	International Conference on Communication, Computing, and Internet o things,	Sai Ram Engineering College, Chennai, 10th-11th March ,2022	https://doi.org/10.1109/IC3IOT53935.2022.9767931
48.	M.Vani Pujitha	Design and Analysis of a rider safety bicycle	International conference on Advanced Materials for Innovation and Substainability-2022	MLR Institute of Technology, Hyderabad, 18th-19th February,2022	-----

49.	J. Ranga Rao	Smart systems to answer questions about visual content	International Conference on Recent Trends in Technology and Management	17th nov,2021	https://dx.doi.org/10.2139/ssrn.4032404
50.	J. Ranga Rao	Health status prediction using big data analytics	IEEE Conference ICCMC	2022, 29-31 MARCH 2022	---
51.	J. Ranga Rao	Health status prediction using ML techniques	2022 6th International Conference on Computing Methodologies and Communication (ICCMC)	29-31 March 2022 Erode, India	https://doi.org/10.1109/ICCMC53470.2022.9753766
52.	Raghu Vira Pratap A	Machine learning based approach to predict energy consumption of India states	2022 6th International Conference on Computing Methodologies and Communication (ICCMC)	29-31 March 2022 Erode, India	https://doi.org/10.1109/ICCMC53470.2022.9753844
53.	M Srilatha.	Classification and prediction of snake species using machine learning	2nd global conference for advancement in technology IEEE	Nagarjuna college of engineering and technology, Bangalore Oct 1-3,2021	https://doi.org/10.1109/GCAT52182.2021.9587711
54.	S. Rajeswari	Classification of Road Cracks using Deep Neural Networks	2nd International Conference on Smart Electronics and Communication (ICOSEC)	*Kongunadu College of Engineering and Technology,* Trichy, TN 7-9, October 2021	https://doi.org/10.1109/ICOSEC51865.2021.9591783
55.	Ch. Anuradha	Diabetes Prediction Using Pipeline Model	ICRTISN-2022,	18th-19th March,2022	-----
56.	Ch. Anuradha	Underwater image	2022 8th International	21-22 April 2022	https://doi.org/1

		enhancement and super Resolution based on deep CNN method	Conference on Smart Structures and Systems (ICSSS)	Chennai, India 10.1109/ICSSS54381.2022.9782177	0.1109/ICSSS54381.2022.9782177
57.	Ch. Raga Madhuri	Covid contentment contribution	International Conference on Electrical, Electronics, Communication, Computer Technologies and Optimization techniques,	GSSS Institute of Engineering &Technology for women, Mysusru, 10th December,2022,	https://doi.org/10.1109/ICEECCOT52851.2021.9708001
58.	Ch.Raga Madhuri	User personality prediction in rumor propagation across digital footprints	2022 8th International Conference on Smart Structures and Systems (ICSSS)	21-22 April 2022 Saveetha Engineering college Chennai, India	https://doi.org/10.1109/ICSSS54381.2022.9782203
59.	Suresh Babu Dasari	Internet of Things based UV Automobile Sanitization	Proceedings - 2nd International Conference on Smart Electronics and Communication,	ICOSEC 2021, 2021, pp. 608–613	https://doi.org/10.1109/ICOSEC51865.2021.9591934
60.	Mukesh Chinta	Block chain based Decentralized Vehicle Booking Service	2nd International Conference on Smart Electronics and Communication ICOSEC 2021	7-9, October 2021 Kongunadu College of Engineering and Technology	https://doi.org/10.1109/ICOSEC51865.2021.9591711
61.	Mukesh Chinta	Prediction of Severity after Lung Cancer Surgery	2022 8th International Conference on Smart Structures and Systems (ICSSS)	21-22 April 2022 Chennai, India	10.1109/ICSSS54381.2022.9782291

62.	N. Sunny	Driver Distraction and Drowsiness Detection System	2021 Interational Conference on Intelligent Technologies (CONIT)	K.L.E Institute of Technology, Hubbali, Karnataka, Dates: June 25th to 27th, 2021	https://doi.org/10.1109/CONIT51480.2021.9498348
63.	Sunny Nalluri	Iot Based Automatic Saline Monitoring System using Node MCU	2nd International Conference on Smart Electronics and Communication (ICOSEC 2021)	Kongunadu College of Engineering and Technology, Tirichy, India. Date: 7th to 9th October, 2021	https://doi.org/10.1109/ICOSEC51865.2021.9591873
64.	Prabu.U, Sunny.N	An Enhanced Driver Drowsiness Detection System using Transfer Learning	5th International Conference on Electronics, Communication and Aerospace Technology (ICECA 2021)	**RVS Technical Campus, Chennai** Dates: December 02nd to 04th 2021	https://doi.org/10.1109/ICECA52323.2021.9676050
65.	Prabu U	Reinforcement Learning based Traffic Engineering in SDN: Problem Formulation, Parameters, and Topology	6th International Conference on Inventive Communication and Computational Technologies ICICCT 2022	12-13 May, 2022	----
66.	Prabu U	A Study on Reinforcement Learning based Traffic Engineering in Software Defined Networks	5th International Conference on Computer Networks and Inventive Communication Technologies ICCNCT 2022	1-2 April, 2022	-----
67.	V. Deepa	Detection Of Parkinson's disease	6th International conference on computing	29th-31st March,2022	https://doi.org/10.1109/ICCMC5

		using Light GBM Classifier	methodologies and communication		3470.2022.9753 909
68.	Rizwan Patan	Securing health care data using de centralized approach	2022 International Conference on Electronics and Renewable Systems (ICEARS)	13 April 2022 Tuticorin, India	https://doi.org/1 0.1109/ICEARS 53579.2022.975 2114
69.	VVNV Phani kumar	Energy Efficient Virtual Machine Placement using Flower Pollination Algorithm	International Conference on Electronics and Renewable Systems	16-18 March 2022 Tuticorin, India	https://doi.org/1 0.1109/ICEARS 53579.2022.975 2166
70.	Asutosh. S	A hybrid Network based on GAN and CNN for food segmentation and calorie estimation	International Conference on Sustainable Computing and Data Communication Systems.	07-09 April 2022 Erode, India	https://doi.org/1 0.1109/ICSCDS 53736.2022.976 0831

Book Chapters: 2021-22

Total: 15

S. No	Name of the faculty	Title of the paper (If Chapter)	Title of the Book	Title of the event with organizer details (If Paper) Publisher	DOI	Citations
1.	**S. Vasavi**,	Ocean Wave Modeling from Satellite Images Using Data Assimilation	International Conference on Data Science and Applications	SPRINGER	10.1007/978-981-16-5120-5_7	
2.	**Vani K. Suvarna**	Framework for Diabetic Retinopathy Classification	International conference on Smart Computing & Informatics	5th International conference on Smart Computing & Informatics SPRINGER	10.1007/978-981-16-9669-5_4	
3.	**Ch. Rupa**	Industry 5.0: Ethereum blockchain technology based DApp smart contract	Mathematical Biosciences and Engineering	American Institute of Mathematical Sciences	--	
4.	**Ch. Rupa**	Deep Learning-Based Real-Time Object Classification and Recognition Using Supervised Learning Approach	Sentimental Analysis and Deep Learning pp 129–139	SPRINGER	10.1007/978-981-16-5157-1_10	
5.	**G. Anuradha**	Detection of weed plants using Image processing and deep learning techniques	2nd International conference on image processing and capsule networks (ICIPCN-2021)	SPRINGER	10.1007/978-3-030-84760-9_44	

6.	K. Praveen Kumar	Robotic Vehicle Control by Hand Gestures of Authorized Users	Proceedings of Third International Conference on Intelligent Computing, Information and Control Systems	SPRINGER,2022.	10.1007/9 78-981- 16-7330- 6_73	
7.	Kranthi Kumar, G.	Hand Gesture Controlled Contactless Elevator.	In Inventive Communication and Computational Technologies	SPRINGER,2022.	10.1007/9 78-981- 16-5529- 6_55	
8.	G. Kranthi Kumar	Mobile Application to Digitalize Education Volunteer Process	Information and Communication Technology for Competitive Strategies (ICTCS 2021)	SPRINGER,2022.	10.1007/9 78-981- 19-0095- 2_5	
9.	K. L. Sailaja	HsvGvas: HSV colour model to recognize Greenness of Forest land for the estimation of change in the Vegetation Areas	Computer Vision and Robotics	International Conference on Computer Vision and Robotics SPRINGER,2022.	10.1007/9 78-981- 16-8225- 4_21	
10.	M. Sobhana	Precision Agriculture Farming by Monitoring and Controlling Irrigation System Using Sensors	Intelligent Data Communication Technologies and Internet of Things	5th International Conference on Intelligent Data Communication Technologies and Internet of Things (ICICI 202 1) SPRINGER,2022	10.1007/9 78-981- 16-7610- 9_24	
11.	J V D Prasad	Land Cover change detection on sentinel-2 using GDAL & NDVI	Innovations in Computer Science and Engineering	ICICSE- 2021SPRINGER, 2022.	10.1007/9 78-981- 16-8987- 1_57	
12.	K. S. Vijaya	Cricket Commentary	Intelligent Data	SPRINGER,2022.	10.1007/9	

	1Lakshmi	Classification	Communication Technologies and Internet of Things		78-981-16-7610-9_60	
13.	**Ch. Raga Madhuri**	Speech Mentor for Visually Impaired People	Smart Intelligent Computing and Applications, Volume 1	SCI-2021 SPRINGER,2022.	10.1007/978-981-16-9669-5_40	
14.	**Mastan Mohammed Meera Durga**	Prediction of Diabetes and Recommendation of Insulin Dosage for Diabetic Patients	high Performance Computing and Networking	2nd International Conference on Computer Vision, high Performance Computing, Smart Devices, and Networks (CHSN-2021) SPRINGER,2022.	10.1007/978-981-16-9885-9_43	
15.	**D. Suresh Babu**	Voice-Enabled Virtual Assistant	Lecture Notes on Data Engineering and Communications Technologies d 2022, 93, pp. 335–346	SPRINGER, 2022.	10.1007/978-981-16-6605-6_24	

BOOK

S. No	Name of the faculty	Title of the book	Title of the event with organizer details (If Paper) Publisher
1	Ch. Rupa	Computational Intelligence of Block chain Systems	Nova science publishers