



# **STUDENT'S PUBLICATIONS**

## **DEPARTMENT OF CSE**

**ACADEMIC YEAR: 2022 - 2023**

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# V R Siddhartha Engineering College: Vijayawada (Autonomous)

## Department of computer science and Engineering

### Student Publications for the A.Y.:2022-23

Total: 148

Student Publications: UG : 146

Student Publications: PG : 02

#### International Journals (18)

##### SCIE Journals: 3

S.No.	Authors (All the author Names, Highlight your Name)	Title of the paper	Publication Details	(SCIE/ ESCI/S copus/ WoS/	Q- Inde x	DOI	UG/PG
1.	Vasavi, S., Krishna, K.S. & Raman, S.V.	Gender prediction using ensemble based wide residual network from surveillance video.	Microsyst Technol  Springer 0946-7076 PP:1-11 October 2022	SCIE	Q1	<a href="https://doi.org/10.1007/s00542-022-05388-4">https://doi.org/10.1007/s00542-022-05388-4</a>	PG
2.	Anusha Ch, <b>Rupa Ch</b> , Samhitha, Celestine Iwendi, Reddy Gadekallu, Imed Ben Dhaou	ECDSA-based water bodies prediction from satellite images with UNet	Water  MDPI 2073-4441 Vol.14, No.14/2234 2022-7-15	SCIE	Q1	<a href="https://doi.org/10.3390/w14142234">https://doi.org/10.3390/w14142234</a>	UG
3.	Nagasree, <b>Ch. Rupa</b> , Akshitha, Srivastava, T Reddy, Lakshmanna	Preserving Privacy of Classified Authentic Satellite Lane Imagery Using Proxy Re- Encryption and UAV	Drones MDPI 2504-446X 7/ 1-14 january,2023	SCIE	Q1	<a href="https://doi.org/10.3390/drones7010053">https://doi.org/10.3390/drones7010053</a>	UG

		Technologies					
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**Scopus Journals: 15**

S.No.	Authors (All the author Names, Highlight your Name)	Title of the paper	Publication Details	(SCIE/ ESCI/ Scopus/ WoS/	Q- Index	DOI	UG/PG
4.	<b>S. Vasavi;</b> M. Likitha; L. Neeraz; En-Bing Lin	Performance evaluation for classifying type 2 diabetic retinopathy using deep neural network	International Journal of Computer Aided Engineering and Technology  Inderscience 1757-2665 Vol. 17, No. 2, pp.184–191 1st August 2022	Scopus	Q4	<a href="https://doi.org/10.1504/IJC AET.2022.125047">https://doi.org/10.1504/IJC AET.2022.125047</a>	UG
5.	<b>S. Vasavi,</b> M. Bhanu Prasad, P. Jaya Sai & K. Venu Gopala Rao	Change Detection of Urban GIS Maps Using Multi-scale U-Net-Based Attention Neural Network Architecture	SN Computer Science  Springer 2662-995X 4(90) December 2022	Scopus	Q4	<a href="https://doi.org/10.1007/s42979-022-01530-1">https://doi.org/10.1007/s42979-022-01530-1</a>	UG
6.	Y. Vedavyas, <b>S. Vasavi,</b> S. Sri Harsha & M. Sai Subhash	An FPGA-Based Adaptive Real-Time Quality Enhancement System for Drone Imagery	SN Computer Science  Springer 2662-995X 4(84) December 2022	Scopus	Q4	<a href="https://doi.org/10.1007/s42979-022-01509-y">https://doi.org/10.1007/s42979-022-01509-y</a>	UG
7.	K.Tejasri, <b>K.Suvarna Vani,</b> S.Prathuyasha,	Prediction of All-Beta Proteins Secondary Structures using	Neuroquatology  Anka 1303-5150 Volume 20/5607-5613	SCOPUS	Q3	DOI: 10.14704/NQ.2022.20.15.N	UG

	S.Ramya	GOR Method	November 2022			Q88564	
8.	Medasani Hari Kumar, Parasa Rishi Kumar, K.Sai Anila, D.Sriram, <b>K.Suvarna Vani</b>	Heart Disease Prediction using AutoML Frameworks	Neuroquatology Anka 1303-5150 Volume 20/4743-4749 September 2022	SCOPUS	Q3	DOI: 10.14704/nq.2022.20.9.NQ44551	UG
9.	Manam Pavan Sai, V. Amaleswara Rao, <b>K.Suvarna Vani</b> , P. Poul	Prediction of Housing Price and Forest Cover Using Mosaics with Uncertain Satellite Imagery	International Journal on Recent and Innovation Trends in Computing and Communication  Elsevier  Volume 10 August 2022	SCOPUS	Q3	10.17762/ijritcc.v10i8.5666.	UG
10.	Vamsinath Javangula, <b>Vani, K.Suvarna</b> , Haritha Dasari	High Utility Itemset Mining using Path Encoded Utility Lists and Pattern Trees	Neuroquatology  Anka 1303-5150 Volume 20/2484-2494 August 2022	SCOPUS	Q3	DOI: 10.14704/nq.2022.20.10.NQ55214	UG
11.	Lohitha Boyina, Karthik Boddu, Yamini Tankasala, <b>K. Suvarna Vani</b>	Classification of Uncertain ImageNet Retinal Diseases using ResNet Model	International Journal of Intelligent System and Applications in Engineering  International Journal of Intelligent System and Applications in Engineering 35-42 Vol.10, No.2 2022	Scopus	Q4	<a href="https://www.ijisae.org/index.php/IJISAE/article/view/2358">https://www.ijisae.org/index.php/IJISAE/article/view/2358</a>	UG
12.	Jonnadula Prasanna,	Prediction of Population	International Journal of	Scopus	Q4	<a href="https://ijisae.o">https://ijisae.o</a>	UG

	Mounika Susarla, <b>K. Suvarna Vani</b> , Harsha Vardhan Govada, Samuel Mories Mundru, M.S.R. Murthy	Density & Poverty Rate Using Uncertain Mosaics with Satellite Imagery	Intelligent System and Applications in Engineering  International Journal of Intelligent System and Applications in Engineering 21-27 Vol.10, No.2 2022			rg/index.php/IJISAE/article/view/2356	
13.	Parasa Rishi Kumar, Kavya Bonthu, Boyapati Meghana, <b>Koneru Suvarna Vani</b> , Prasun Chakrabarti	Multi-Class Brain Tumor Classification And Segmentation Using Hybrid Deep Learning Network (Hdln) Model	Volume 24	SCOPUS, DBLP	Q2	<a href="https://doi.org/10.12694/scpe.v24i1.2088">https://doi.org/10.12694/scpe.v24i1.2088</a>	UG
14.	<b>Rupa . Chiramdasu</b> Pavan, K. ., C. R. Kumar, K. . Dimalrao	Smart Mirror Integrated Secure Room Automation with Facial Recognition	International Journal on Recent and Innovation Trends in Computing and Communication  Auricle 2321-8169 10/83-90 2022-11-22	Scopus	Q4	<a href="https://doi.org/10.17762/ijritcc.v10i11.5784">https://doi.org/10.17762/ijritcc.v10i11.5784</a>	UG
15.	V. Venkata Sai; <b>Dr. G. Anuradha</b> ; D. Abhijith; A. Venkatesh	Face detection based attendance system using OpenCV approach	IJISRT 2456-2165 vol. 7, no. 11, pp. 86-90 November 2022	PubMed		<a href="https://doi.org/10.5281/zenodo.7332596">https://doi.org/10.5281/zenodo.7332596</a>	UG
16.	<b>Sobhana, M.</b> , Sindhuja, V. R., Tejaswi, V., & Durgesh, P.	Deep Ensemble Mobile Application for Recommendation of Fertilizer Based on	International Journal of Interactive Mobile Technologies  Kassel University	Scopus	Q3	<a href="https://doi.org/10.3991/ijim.v16i16.3149">https://doi.org/10.3991/ijim.v16i16.3149</a>	UG

		Nutrient Deficiency in Rice Plants Using Transfer Learning Models.	Press GmbH. 1865-7923 Vol 16 No.16 31-08-2022			7	
17.	Valaparla Rohini, <b>Mummaneni Sobhana</b> , Ch Smitha Chowdary	Attendance Monitoring System Design Based on Face Segmentation and Recognition	Recent Patents of Engineering  Bentham Science 2212-4047 Vol 17 ,No.2 December 2022	Scopus	Q4	<a href="http://dx.doi.org/10.13140/RG.2.2.26342.75845">http://dx.doi.org/10.13140/RG.2.2.26342.75845</a>	UG
18.	Surya Teja Arvapalli, Sai Abhay A, Mounika D, <b>Vani Pujitha M</b>	Autism Spectrum Disorder Detection Using MobileNet	International journal of online and biomedical engineering  INT ASSOC ONLINE ENGINEERING 2626-8493 Vol. 18, No. 10, pp.129–142 26 July 2022	ESCI, Scopus, DBLP	Q2	<a href="https://doi.org/10.3991/ijoe.v18i10.31415">https://doi.org/10.3991/ijoe.v18i10.31415</a>	UG

**International Conferences (110)**

S.No.	Authors name	Title of the paper	Publication Details	Publisher	(SCIE/ ESCI/Scopus/WOS)	DOI	UG/ PG
1.	Swetha. K; <b>Prabu. U</b> ; Angel. G; Lahari. Y	A Study on Traffic Matrix Estimation Techniques in Software-Defined Networks	6th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2022	IEEE	Scopus	10.1109/ICECA55336.2022.10009585	UG
2.	Vineela, <b>G.Anuradha,</b> sravya	A Comprehensive Study on Monument Recognition Techniques and its Integration with Explainable AI	6TH INTERNATIONAL CONFERENCE ON ELECTRONICS, COMMUNICATION AND AEROSPACE TECHNOLOGY ICECA 2022	IEEE	Scopus	10.1109/ICECA55336.2022.10009482	UG
3.	Vijaya N; <b>Mukesh Chinta</b> ; Sumanth Varma Lanke ; Kavya Eslavath	Classification of Pneumonia using InceptionNet, ResNet and CNN	6th International Conference on “Computational Systems and Information Technology	IEEE	Scopus	10.1109/CSITSS57437.2022.10026402	UG

			for Sustainable Solutions [CSITSS – 2022]				
4.	Achanta Lakshmi Kalyani, <b>Rajesh Singamaneni,</b> Greeshmanth Penugonda	Remembrance of Monocotyledons Using Residual Networks	6th International Conference on Computational Systems and Information Technology for Sustainable Solutions [CSITSS – 2022]	IEEE	Scopus	10.1109/CSITSS57437.2022.10026401	UG
5.	Atmakuri sasidhar, <b>G.Kranthi Kumar,</b> Koneru Yoshitha, Nimmakuri Tulasi	Dyslexia Discernment in children based on Handwriting images using Residual Neural Network	6th International Conference on “Computational Systems and Information Technology for Sustainable Solutions”	IEEE	Scopus	10.1109/CSITSS57437.2022.10026368	UG
6.	<b>M Sobhana,</b> Gudapati Satya Dinesh Kumar, Pavithra Pakkuru, Yarramreddy Tejaswi	Extraction Of Roadways From Aerial Images Using U-Net Backbones	6th International Conference on Computational Systems and Information Technology for	IEEE	Scopus	10.1109/CSITSS57437.2022.10026364	UG



			Sustainable Solutions CSITSS-2022				
7.	Srikar Ravi ; P.G.V. Koushik ; V.Chetan Krishna Varma ; <b>S. Rajeswari</b>	Li-ion Batteries SoH Estimation Using LSTM	6th International Conference on Computational Systems and Information Technology for Sustainable Solutions CSITSS-2022	IEEE	Scopus	10.1109/CSITSS57437.2022.10026410	UG
8.	<b>M Sobhana,</b> Avinash Tellakula, Krishna Rohith Vemulapalli, Malathi N	A Hybrid Machine Learning Approach for Performing Predictive Analysis on Road Accidents	6th International Conference on Computational Systems and Information Technology for Sustainable Solutions CSITSS-2022	IEEE	Scopus	10.1109/CSITSS57437.2022.10026404	UG
9.	Kilaru Hindu, <b>S.Rajeswari,</b> Palacharla Shirisha Bhavani, Nukala Girishma	prognosis of dementia using Convolution Neural Networks	2nd International Conference on Mobile Networks and Wireless Communications (ICMNWC)	IEEE	Scopus	10.1109/ICMNWC56175.2022	UG

10.	<b>S ravi Kishan,</b> Krishna Sahiti Kakunuri, akshita Raj Parasa, Vamsi Priya Patlolla, Pratap Gamini	Exploratory Analysis on Geo- Locational Data	2022 International Conference on Automation, Computing and Renewable Systems (ICACRS)	IEEE	Scopus	10.1109/ICACRS 55517.2022.1002 9164	UG
11.	<b>K. Gayathri,</b> <b>J.V.D Prasad,</b> T.Divya Kiran, V. Mythili	Forest Fire Detection Using Convolution Neural Networks	2022 IEEE 2nd International Conference on Mobile Networks and Wireless Communicati ons	IEEE	Scopus	10.1109/ICMNW C56175.2022.100 31936	UG
12.	<b>M. Bhargavi Sri</b> <b>Bhavya; M.</b> <b>Vani Pujitha;</b> G. Lakshmi Supraja	Cervical Spine Fracture Detection Using Pytorch	2022 IEEE 2nd International Conference on Mobile Networks and Wireless Communicati ons	IEEE	Scopus	10.1109/ICMNW C56175.2022.100 31629	UG
13.	<b>Yaswanth, M.,</b> <b>Madhavi, M.,</b> Kiran, T.D., Vardhan, P.A.	Guide Me Glasses	2nd IEEE International Conference on Advanced Technologies in Intelligent Control, Environment, Computing and Communicati on Engineering,	IEEE	Scopus	10.1109/ICATIE CE56365.2022.10 047161	UG

			ICATIECE 2022,				
14.	A.Bhharathee, K.Nishitha, B.Bhavana, <b>Sandeep vemuri</b>	AI Powered Student Assistance Chatbot	International Conference On Intelligent Data communicati on Technologies IDICOT- 2023	IEEE	Scopus	10.1109/IDCIoT5 6793.2023.10053 439	UG
15.	Anagani Likhita, <b>Mukesh Chinta</b> , Yamini Aravapalli	Crevice recognition on asphalt surfaces using Convolutiona l Neural Network	International Conference on Intelligent Data Communicati on Technologies and Internet of Things (IDCIoT 2023)	IEEE	Scopus	10.1109/IDCIoT5 6793.2023.10053 463	UG
16.	Shanmukha Kantimahanthi, <b>J V D Prasad</b> , Sravan Chanamolou, Kavyasree K	Machine Learning Approaches in Cyber Attack Detection and Characterizat ion in IoT enabled Cyber- Physical Systems	International Conference on Intelligent Data communicati on Technologies and IoT	IEEE	Scopus	10.1109/IDCIoT5 6793.2023.10053 545	UG
17.	Sriram. M; Hussain. SK; Yashitha Anju. B; Venkata Sai Gowtham. S; <b>P. Ramesh</b>	“Automatic Certificate Verification using Computer	International Conference on Intelligent Data Communicati on	IEEE	Scopus	10.1109/IDCIoT5 6793.2023.10053 544	UG

	<b>Kumar; K. L. Sailaja</b>	Vision”	Technologies and Internet of Things (IDCIoT 2023)				
18.	<b>H. S. Shaik, G. V. RajyaLakshmi</b> , Venkatesh Alane, Naga Dinesh Kandimalla	Enhancing Prediction of Cardiovascular Disease using Bagging Technique	International Conference on Intelligent Data Communication Technologies and Internet of Things (IDCIoT)	IEEE	Scopus	10.1109/IDCIoT56793.2023.10053426	UG
19.	<b>M. Sai Manvitha, M.Vani Pujitha, N. Hari Prasad, B. Yashitha</b>	A Predictive Analysis on CO2Emissions in Automobiles using Machine Learning Techniques	2023 International Conference on Intelligent Data Communication Technologies and Internet of Things	IEEE	Scopus	<a href="https://doi.org/10.1109/IDCIoT56793.2023.10053539">https://doi.org/10.1109/IDCIoT56793.2023.10053539</a>	UG
20.	<b>K L Sailaja P Ramesh Kumar, K Vishnu Vardhan K Koushik</b>	Detection and Prediction of Land slide Vulnerability through case study using DInSAR technique and U – Net model	5th International Conference on Smart Systems and Inventive Technology ICSSIT 2023	IEEE	Scopus	10.1109/ICSSIT55814.2023.10061077	UG
21.	<b>K L Sailaja P Ramesh Kumar, Sarath Chandra, Chaitanya</b>	Evaluation of Wetland Transformations using HSV Color Model for	5th International Conference on Smart Systems and Inventive	IEEE	Scopus	10.1109/ICSSIT55814.2023.10061110	UG

		Denduluru Region	Technology ICSSIT 2023				
22.	M Sriram; <b>P Ramesh Kumar</b> ; Sk Hussain; K.L. Sailaja	“SMMap: Soil Moisture content Mapping/Estimation using Synthetic Aperture Radar(SAR) Data”,	5th International Conference on Smart Systems and Inventive Technology ICSSIT 2023,	IEEE	Scopus	10.1109/ICSSIT55814.2023.10060918	UG
23.	G Kusuma, <b>Ch Rupa</b> , Sk Reshma, G Rochana	Secure Storage of Land Records and Implementation of Land Registration using Ethereum Blockchain	2023 Third International Conference on Artificial Intelligence and Smart Energy (ICAIS)	IEEE	Scopus	10.1109/ICAIS56108.2023.10073887	UG
24.	Hema P, <b>Sunny N</b> , Naganjani R. V. & Darbha A.	Disease Prediction Using Symptoms based on Machine Learning Algorithms and Natural Language Processing	International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering (ICECONF 2023)	IEEE	Scopus	10.1109/ICECONF57129.2023.10084030	UG
25.	<b>Sallagundla Babu</b> , ganesh karthik ,baby naga leela ,lakshimi narayana	water quality prediction using neural networks	international conference on artificial intelligence and knowlwdgw in discovery in current engineering	IEEE	Scopus	10.1109/ICECONF57129.2023.10084120	UG

			(ICECONF 2023)				
26.	Shamreen, Sk., <b>Madhavi, M.</b> , Priyanka, L., Saravani, B	Privacy Preservation of Business Forecasting Using Homomorphic Encryption	roceedings of the International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering, ICECONF 2023	IEEE	Scopus	10.1109/ICECONF57129.2023.10083676	UG
27.	G Devisree, <b>Ch Rupa</b> , U Gayathri, Hemanth Ch Kumar	A Cloud based Mobile Application to Hire Unskilled Workers	2022 IEEE International Conference on Current Development in Engineering and Technology (CCET)	IEEE	Scopus	10.1109/CCET56606.2022.10080710	UG
28.	CH Nikhitha Sravani, <b>Rajesh Singamaneni,k oppula Praneetha</b>	An Innovative Deep Learning Framework for Healthcare Cost Prediction	7th International Conference on Computing Methodologies and Communication (ICCMC 2023)	IEEE	Scopus	10.1109/ICCMC56507.2023.10083524	UG
29.	Venkata sai Vutukuri, <b>Swapna Regulagadda</b> , Lokesh Chowdary	Early Diagnosis of Folium Disease in Solanum Lycopersicu	International Conference on Electronics and Renewable	IEEE	Scopus	<a href="https://doi.org/10.1109/ICEARS56392.2023.10085035">https://doi.org/10.1109/ICEARS56392.2023.10085035</a>	UG

	Jasti,Abhinav Cheekurthi	m using CNN	Systems(ICE ARS)				
30.	Sk Arshiya Sultana, <b>Ch Rupa</b> , D Igna Sree, G Sowmya Sree	SEHAT: Cloud-based User Sociable Health Care Assistant System	2022 International Conference on Automation, Computing and Renewable Systems (ICACRS)	IEEE	Scopus	10.1109/ICACRS 55517.2022.1002 9166	UG
31.	D. Prem Sai Ganesh Babu, D. Dinesh, J. Rishitha, <b>S. Vasavi</b> and A. N. Rao,	Visualization of Sea Water Intrusion along the Coast of Krishna and Godavari Delta	International Conference on Smart Generation Computing, Communicati on and Networking (SMART GENCON)	IEEE	Scopus	<a href="https://ieeexplore.ieee.org/document/10083979">https://ieeexplore. ieee.org/documen t/10083979</a>	UG
32.	Dedeepya Ch, <b>Ch Rupa</b> , P Jahnavi, G Akhila, G Sanjana	Enhancing the Protection of Medical Data Using Integer Wavelet Discrete Cosine Transform	2022 International Conference on Smart Generation Computing, Communicati on and Networking (SMART GENCON)	IEEE	Scopus	10.1109/SMART GENCON56628. 2022.10083819.	UG
33.	E. C. P, <b>Rupa . Ch</b> , N. V. K and C. K	Privacy Preservation of Plant Disease Detection using Hashing based	2022 3rd International Conference on Computing, Analytics and Networks	IEEE	Scopus	10.1109/ICAN56 228.2022.100070 94	UG

		Convolution Neural Network	(ICAN)				
34.	Bhargavi, T., <b>Sree Vijaya Lakshmi, K.</b> , Suvarnavani, K., Nithya, K.S., Afreen, S.A.	Automatic Landslide Detection	International Conference on Smart Generation Computing, Communication and Networking	IEEE	Scopus	<a href="https://doi.org/10.1109/SMARTGENCON56628.2022.10084327">https://doi.org/10.1109/SMARTGENCON56628.2022.10084327</a>	UG
35.	Suhana Sulthana Shaik, <b>Ch Rupa,</b> Venkayya Yadlapalli	Secure Medical Data Abstraction Using Convolutional Neural Network	2023 11th International Conference on Internet of Everything, Microwave Engineering, Communication and Networks (IEMECON)	IEEE	Scopus	10.1109/IEMECON56962.2023.10092311	UG
36.	Afrose Mohammad, Ooha Shree Gullapalli, <b>S. Vasavi</b>	Updating of GIS maps with Change Detection of Buildings using Deep Learning techniques	International Conference on Futuristic Technologies	IEEE	Scopus	10.1109/INCOFT55651.2022.10094545	UG
37.	N. Somanadh Reddy, M.Roshitha,R. Tejimai, <b>S. Vasavi</b> , Dr. SC Jayanthi	Water Bodies Detection and Classification from VHRS Images	International Conference on Futuristic Technologies	IEEE	Scopus	10.1109/INCOFT55651.2022.10094331	UG
38.	Sudharsan, K., Lal, K.H.S.K., Nageswararao,	A Deep Hybrid Learning	2022 International Conference	IEEE	Scopus	10.1109/INCOFT55651.2022.1009	UG



	K.V., Ram, T.A.S., <b>Deepa,</b> V.	Model for Classification of Code- Mixed Text	on Futuristic Technologies			4541.	
39.	<b>G.Kranthi Kumar,</b> Amulya Mallola, Mitnala Shainy Preethi, Kethavath Bharath Naik	Detection of real time Anomalous activites using YOLOv7	International Conference on. Innovative Data Communicati on Technologies and Application (ICIDCA 2023)	IEEE	Scopus	10.1109/ICIDCA 56705.2023.1009 9603	UG
40.	SS Jandhyala, <b>Ashutosh Satapathy,</b> SH Saitaj, L Niharika	Detection of Fruit from an Image Using a Single-Shot Detector for Accurate Calorie Estimation	2023 International Conference on Sustainable Computing and Data Communicati on Systems (ICSCDS)	IEEE	Scopus	10.1109/ICSCDS 56580.2023.1010 5073	UG
41.	R.Venkatasai, <b>U.Prabu,</b> Satwik.Ch	A survey and analysis of QoS-based routing techniques in Software- Defined Networks	2023 International Conference on Sustainable Computing and Data Communicati on Systems	IEEE	Scopus	10.1109/ICSCDS 56580.2023.1010 4673	UG
42.	Y Sri Deepak Phaneendra, <b>U.Prabu,</b> Sk.Yasmine	A study on multi- controller placement problem (MCP) in	2023 International Conference on Sustainable Computing	IEEE	Scopus	10.1109/ICSCDS 56580.2023.1010 5023	UG

		Software-Defined Networks	and Data Communication Systems				
43.	Rishitha Ch, <b>Ch Rupa</b>	Edge Computing based Smart Application System for Visually Impaired Challengers	2023 International Conference on Sustainable Computing and Data Communication Systems (ICSCDS)	IEEE	Scopus	10.1109/ICSCDS56580.2023.10104994	UG
44.	Lakshmi Prasanna Divvela; <b>V Sravanthi</b> ;Pethakamsetty Hemannth;Tummalapalli Kesava Sai Avinash	Raise of Complaints on day-to-day issues by the public using Global Positioning System for finding the exact location of the problem	2023 9th International Conference on Advanced Computing and Communication Systems (ICACCS)	IEEE	Scopus	10.1109/ICACCS57279.2023.10112970	UG
45.	<b>Madhavi, M.</b> , Kusumaniswari, V., Srinivas, G.S.H., Nayak, T.P.K., Shivaji, M	Land Development Interface	9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023	IEEE	Scopus	10.1109/ICACCS57279.2023.10112760	UG
46.	<b>Sobhana, M.</b> , Chowdary, T. R., Venkatesh, M. S., & Devendra, K. S.	Smart Campus Bus Tracking Alert System Using Real-	9th International Conference on Advanced Computing and	IEEE	Scopus	<a href="https://doi.org/10.1109/ICACCS57279.2023.10112757">https://doi.org/10.1109/ICACCS57279.2023.10112757</a>	UG

		Time GPS.	Communication Systems (ICACCS)				
47.	Venkata Vishnu Vardhan Koraganji, Sarath Chandra Aluri, Raja Harinadh Kumar Jakkula, <b>Sailaja KL</b>	A Framework for Intelligent Traffic Management System for Roads under Adverse weather conditions using Smart Sensors	IEEE International Conference on Interdisciplinary Approaches in Technology and Management for Social Innovation (IATMSI-2022)	IEEE	Scopus	10.1109/IATMSI56455.2022.10119413	UG
48.	Mohan Datta Inavolu; <b>Deepa Venna</b> ; Guru Vamsi Kallepalli, Sarat Satya Surapaneni	Detection of Missing Persons Using Mobile App	2023 2nd International Conference for Innovation in Technology (INOCON)	IEEE	Scopus	10.1109/INOCON57975.2023.10101097.	UG
49.	Charan, A., <b>Suvarna Vani, K.</b> , Sai Ratnakar, B., Meghana, C.	Representation of Status of Buildings under PMAY Scheme	IEEE Conference on Interdisciplinary Approaches in Technology and Management for Social Innovation	IEEE	Scopus	<a href="https://doi.org/10.1109/IATMSI56455.2022.10119448">https://doi.org/10.1109/IATMSI56455.2022.10119448</a>	UG
50.	<b>P Ramesh Kumar, K L Sailaja</b> , Savani.	ACMapping: Agricultural Crop Mapping/Ret	International Conference on computer communication	IEEE	Scopus	10.1109/ICCCI56745.2023.10128204	UG

	Mitravinda	reival Using Synthetic Aperture Radar (SAR) Data	on and informatics				
51.	<b>Sobhana, M.,</b> Chandra, M. K., Rakesh, K., & Vivek, K	Sustainable Farming Community using Green Marketing.		IEEE	Scopus	<a href="https://doi.org/10.1109/ICSMDI57622.2023.00017">https://doi.org/10.1109/ICSMDI57622.2023.00017</a>	UG
52.	<b>S. Vasavi, V.</b> Sravya, A. L. Likhitha, J. Yasaswini and C. HariKiran	Sea Wave Direction Forecasting System for Bay of Bengal Using Satellite Images	International Conference (NKCon),	IEEE	Scopus	<a href="https://ieeexplore.ieee.org/document/10126867">https://ieeexplore.ieee.org/document/10126867</a>	UG
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54.	<b>S. Vasavi, P.</b> Bhogeswar, S. S. Ram, S. A. Basha and A. N. Rao	Geographical Information System Based Handloomers Location Tracking	International Conference (NKCon),	IEEE	Scopus	<a href="https://ieeexplore.ieee.org/document/10126815">https://ieeexplore.ieee.org/document/10126815</a>	UG
55.	Sree Vardhan, <b>Rupa Ch, K</b> Rakesh	Virtual Circuit based Ornithopter UAV Simulation for Intruder	2023 International Conference on Recent Advances in Electrical,	IEEE	Scopus	10.1109/RAEEUCCI57140.2023.10134067	UG

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56.	P Sahithi; V <b>Sravanthi</b> ; V.G Vanetha; D Krishna Reddy	A Novel Machine Learning based Driving Decision Strategy	2023 7th International Conference on Intelligent Computing and Control Systems (ICICCS)	IEEE	Scopus	10.1109/ICICCS56967.2023.10142642	UG
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64.	Mohana Sree Venkata Sai Krishna Narala; <b>Sandee p Vemuri</b>	Prediction of Autism Spectrum Disorder Using Efficient Net	2023 9th International Conference on Advanced Computing and Communication Systems	IEEE	Scopus	<a href="https://doi.org/10.1109/ICACCS57279.2023.10112807">https://doi.org/10.1109/ICACCS57279.2023.10112807</a>	UG
65.	<b>S. Babu</b> ; Lalitha Anupama Annavarapu; Lakshmi Lahari Appala	Sepsis Detection using Neural Networks	2022 International Conference on Smart Generation Computing, Communication and Networking	IEEE	Scopus	<a href="https://doi.org/10.1109/SMARTGENCON56628.2022.10084200">https://doi.org/10.1109/SMARTGENCON56628.2022.10084200</a>	UG
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<b>68.</b>	Chinni Roshini Durga; <b>Jayavarapu Karthik;</b> Reddi Dakshayani	A Novel Approach for Smart Battery Monitoring System in Electric Vehicles using Internet of Things	2023 International Conference on Intelligent Data Communication Technologies and Internet of Things	IEEE	Scopus	<a href="https://doi.org/10.1109/IDCIoT56793.2023.10053529">https://doi.org/10.1109/IDCIoT56793.2023.10053529</a>	UG
<b>69.</b>	B.Bhavana; <b>Jay avarapu Karthik;</b> P. Lakshmi Kumari	A Novel Approach for Product Recommendation using XGBOOST	2023 International Conference on Intelligent Data Communication Technologies and Internet of Things	IEEE	Scopus	<a href="https://doi.org/10.1109/IDCIoT56793.2023.10053453">https://doi.org/10.1109/IDCIoT56793.2023.10053453</a>	UG
<b>70.</b>	Kamepalli Alekhya; P. Dharithri Sravya; N. Chaitanya Naik; <b>B. Jaya Laksmi Narayana</b>	Ambient Air Quality Monitoring System	2023 International Conference for Advancement in Technology	IEEE	Scopus	<a href="https://doi.org/10.1109/ICONAT57137.2023.10080220">https://doi.org/10.1109/ICONAT57137.2023.10080220</a>	UG
<b>71.</b>	Greeshmanth Penugonda; <b>G Anuradha;</b> Jasti Lokesh Chowdary	Handwritten Text Extraction from Application Forms using Image Processing and Deep	2023 3rd International Conference on Innovative Practices in Technology and Management	IEEE	Scopus	<a href="https://doi.org/10.1109/ICIPTM57143.2023.10117678">https://doi.org/10.1109/ICIPTM57143.2023.10117678</a>	UG



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73.	MohanaSrivalli Vemulapalli; <b>Raghuvira Pratap</b> Adimulam; Bhimireddi sri nikhitha	Prognosis of Idiopathic Parkinson's Disease using Convolutional Neural Networks	2023 7th International Conference on Computing Methodologies and Communication	IEEE	Scopus	<a href="https://doi.org/10.1109/ICCMC56507.2023.10084077">https://doi.org/10.1109/ICCMC56507.2023.10084077</a>	UG
74.	Somagani Hema Sri; Yarlagadda Sai; Penubaku Anil; <b>A Raghuvira Pratap</b>	Virtual User Interface for Differently Abled People Using Vision Transformer Model	2023 International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics	IEEE	Scopus	<a href="https://doi.org/10.1109/IITCEE57236.2023.10091018">https://doi.org/10.1109/IITCEE57236.2023.10091018</a>	UG
75.	<b>Suresh Babu Dasari</b> ; V. Vandana; A. Bhharathee	Smart Travel Planner using Hybrid Model	Conference Paper: IDCIoT 2023	IEEE	Scopus	10.1109/IDCIoT56793.2023.10053424	UG
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80.	Sravya Sri Jandhyala; <b>Ranga Rao Jalleda</b> ; Deepthi Meenakshi Ravuri	Forest Fire Classification and Detection on Aerial Images using Inception-v3 and SSD models	International Conference on Intelligent Data Communication Technologies and Internet of Things(IDCI oT 2023) 5-7, January 2023   Bengaluru, India	IEEE	Scopus	10.1109/IDCIoT56793.2023.10053522	UG

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83.	<b>Praveen Kumar kollu</b> Marella Sai Meghana; Davuluru Abhijith; Shaik Aysha; Praveen Kumar kollu	Sentiment analysis on Amazon product reviews	7th International Conference on Computing Methodologies and Communication (ICCMC 2023)	IEEE	Scopus	10.1109/ICCMC56507.2023.10084052	UG
84.	P. Harika; <b>Ch. Anuradha</b> ; T. Chihnitha	Cloning an image using hybrid approach	IEEE 2nd SAMRTGEN CON 2022	IEEE	Scopus	10.1109/SMARTGENCON56628.2022.10084116	UG
85.	Shrivarshaa Sakhamuri; Koppula Praneeta; Pidugu Jahnavi; <b>Anuradha Chinta</b>	Mime Recognition for Indian Sign Language	2022 3rd International Conference on Issues and Challenges in Intelligent Computing Techniques	IEEE	Scopus	10.1109/ICICT55121.2022.10064616	UG

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86.	Afrose Mohammad, Kavya Sharmila, CH Nikhitha Sravani, <b>S. Vasavi,</b> A.Nageswara Rao	Visualization of Water Distribution System in Vijayawada City using Real Time Geospatial Data	IEEE International Conference on Data Science and Information System	IEEE	Scopus	10.1109/ICDSIS5 5133.2022.99159 25	UG
87.	Gorijala Kusuma,Sahithi Tatineni, Suhitha Yalamanchili , <b>S. Vasavi,</b> C.Harik iran	Discharge structure for hazard and vulnerability analysis using GIS and Real time Flood data	IEEE International Conference on Data Science and Information System	IEEE	Scopus	10.1109/ICDSIS5 5133.2022.99158 96	UG
88.	<b>S. Rajeswari ;</b> Ch. Siva Vasanth ; Ch. Bhavana ; K Sethu Sandeep Chowdary	Detection and Classification of Various Types of Leukemia Using Image Processing, Transfer Learning and Ensemble Averaging Techniques	2022 2nd Asian Conference on Innovation in Technology (ASIANCON )	IEEE	Scopus	10.1109/ASIANC ON55314.2022.9 909377	UG
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90.	Jaya Vineela. P; Sai Manvitha. M; Rishitha. P; <b>Prabu. U</b>	A Comprehensive Study on Fruit Classification and Grading Techniques	3rd International Conference on Electronics and Sustainable Communication Systems (ICESC), 2022	IEEE	Scopus	10.1109/ICESC54 411.2022.988549 2	UG
91.	Likhita Chowdary Koneru; Routhu Ramya Dedeepya; Angadi Lakshmi; <b>G Kranthi Kumar</b>	Artificial Intelligence based Anxiety Detection in Patients	2022 Sixth International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I- SMAC)	IEEE	Scopus	10.1109/I- SMAC55078.202 2.9987310	UG
92.	G.V. Dhruva Kumar , <b>V. Deepa</b> , N. Vineela, G. Emmanuel, Ch. Chittibabu	LightGBM Model based Parkinson's Disease Detection by using Spiral Drawings	2022 Sixth International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I- SMAC)	IEEE	Scopus	10.1109/I- SMAC55078.202 2.9987373	UG
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<b>94.</b>	<b>M. Sobhana,</b> G. S. Sai Preethi, K. B. Sujitha and G. H. Sri,	Genetic Algorithm for feature selection in enhancing the hard disk failure prediction using artificial neural network	International Conference on Industry 4.0 Technology	IEEE	Scopus	10.1109/I4Tech55 392.2022.995274 3	UG
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<b>97.</b>	A.S.Srujan, M.Sandeep, <b>K.S.Vijaya</b> <b>Lakshmi,</b> G. Nithin Teja	Generative Adversarial Networks based Face Fractalization by using GAN	International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-	IEEE	Scopus	<a href="https://doi.org/10.1109/I-SMAC55078.2022.9986499">https://doi.org/10. 1109/I- SMAC55078.202 2.9986499</a>	UG

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98.	Charan, A., <b>Suvarna Vani,</b> K., Sai Ratnakar, B., Meghana, C.	Representatio n of Status of Buildings under PMAY Scheme	IEEE Conference on Interdisciplin ary Approaches in Technology and Management for Social Innovation	IEEE	Scopus	<a href="https://doi.org/10.1109/IATMSI56455.2022.10119448">https://doi.org/10.1109/IATMSI56455.2022.10119448</a>	UG
99.	Biradar, V.G., Pareek, P.K., <b>Vani, K.S.,</b> Nagarathna, P.	Lung Cancer Detection and Classification using 2D Convolutiona l Neural Network	IEEE 2nd Mysore Sub Section International Conference	IEEE	Scopus	<a href="https://doi.org/10.1109/MysuruCon55714.2022.9972595">https://doi.org/10.1109/MysuruCon55714.2022.9972595</a>	UG
100	<b>S Ravi Kishan,</b> Ch Hemanth Kumar, A Khayim ahmed	Development of Decision support system on online payment failures using ensemble learning	ICSCCC 2023	IEEE	Scopus	<a href="https://doi.org/10.1109/ICSCSS57650.2023.10169602">https://doi.org/10.1109/ICSCSS57650.2023.10169602</a>	UG
101	M. S. Teja, <b>Ch. Rupa,</b> G. S. D. Kumar and Y. Tejaswi	Efficient Smart Micro Scale Solar Power Management System for Rechargeable Nodes	IEEE International Conference on Electronics and Renewable Systems	IEEE	Scopus	10.1109/ICCES54183.2022.9835869	UG
102	Dharmika, <b>Ch. Rupa,</b> Haritha,	Privacy Preservation of Medical	IEEE International Conference	IEEE	Scopus	10.1109/ASIANCON55314.2022.9	UG

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103	G.Kranthi Kumar, Vemuru Senha, Vankadari Bhavana	Sugarcane Yield and Price Prediction Using Forecasting Models	International conference on artificial intelligence and knowledge discovery in concurrent engineering (ICECONF - 2023)	IEEE	Scopus	10.1109/ICECON F57129.2023.10084094	UG
104	G.Kranthi Kumar, Amulya Mallola, Mitnala Shainy Preethi, Kethavath Bharath Naik	Detection of real time Anomalous activities using YOLOv7	International Conference on Innovative Data Communication Technologies and Application (ICIDCA 2023)	IEEE	Scopus	10.1109/ICIDCA 56705.2023.10099603	UG
105	Surve, J., Umrao, D., Madhavi, M., ...Bangare, S.L., Chakravarthi, M.K.	Machine Learning Applications For Protecting The Information Of Health	2022 2nd International Conference on Advance Computing and Innovative Technologies	IEEE	Scopus	10.1109/ICACIT E53722.2022.9823642	UG



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106	Vandana Vipparthi; <b>D Rajeswara Rao</b> ; Sravani Mullu; Vamsipriya Patlolla	Diabetic Retinopathy Classification using Deep Learning Techniques	2022 3rd International Conference on Electronics and Sustainable Communication Systems (ICESC). IEEE, 2022.	IEEE	Scopus	10.1109/ICESC54411.2022.9885687	UG
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108	I. Harshitha; <b>G. Anuradha</b> ; Ch. Swaroop; B. Jessica	Solving Food Issues in Government Schools and Tracking the School Location Through QGIS Mapping	2023 2nd International Conference for Innovation in Technology	IEEE	Scopus	<a href="https://doi.org/10.1109/INOCON57975.2023.10101199">https://doi.org/10.1109/INOCON57975.2023.10101199</a>	UG
109	Suma Anusha Mulugu; Namitha Mukkamala; Bhavana	Detection of Lung Cancer and Treatment Suggestion	2022 International Conference on Recent Trends in	IEEE	Scopus	<a href="https://doi.org/10.1109/ICMACC54824.2022.10093624">https://doi.org/10.1109/ICMACC54824.2022.10093624</a>	UG

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<b>110</b>	CH Nikhita Sravani, <b>Rajesh Singamaneni</b> , Koppula Praneetha, Jhansi lakshmi Yenigalla	An innovative deep learning framework for healthcare cost prediction	2023 International Conference on computing methodologies and communication	IEEE	Scopus	Doi:10.1109/ICC MCS6507.2023.10083524	UG

**Book Chapters (20)**

S.No.	Authors name	Title of the paper	Publication Details	Publisher	(SCIE/E SCI/Scopus/WOS)	DOI	UG/PG
1.	Lavanya Vuyyuru, Jyothika Vempatapu, Aysha Shaik, <b>S. Vasavi</b> , C. Harikiran	Risk Prediction Near Dams of Krishna River Using GIS and Real Time Flooding Data	LNNS, Vol 615, pp 533-546	Springer	Scopus	<a href="https://doi.org/10.1007/978-981-19-9304-6_49">https://doi.org/10.1007/978-981-19-9304-6_49</a>	UG
2.	Bhavana Vennam Sravani Boyina Gurrani Kiran <b>S.Vasavi</b> A. Nageswara Rao	Optimal route locator mobile App for timber depots Using Shortest Path Algorithms	LNNS, Vol 615, pp 519-531	Springer	Scopus	<a href="https://doi.org/10.1007/978-981-19-9304-6_48">https://doi.org/10.1007/978-981-19-9304-6_48</a>	UG
3.	K. Aswarth, <b>S.Vasavi</b>	A Framework for Smart Mobile Application for Vehicle Health Monitoring	978-1-68108-956-0 159-179	Bentham	Scopus	10.2174/9781681089553122010013 <a href="https://benthamscience.com/ebook_volume/3418">https://benthamscience.com/ebook_volume/3418</a>	UG
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6.	Devi sree, Rupa, Gayathri	Novel Substantial Cipher against Passive Attacks Using Fuzzy Logic based Approach of the paper	28, Apr, 2023	Springer	Scopus		UG
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9.	Sasank Dattu, T., Bhargav Reddy, D., Charan Teja, M., Sailaja, K.L., Ramesh Kumar, P.	Coastline Change Detection Using K-means Clustering and Canny Edge Detector on Satellite Images	2367-4520 637–646	Springer	Scopus	<a href="https://doi.org/10.1007/978-981-19-3035-5_47">https://doi.org/10.1007/978-981-19-3035-5_47</a>	UG
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