

Department of ECE
Publications AY 2023-24

SCI: 02

S.No.	Name of authors	Title of paper	Name of Journal	Details of publications (volume no., Issue no., ISSN n., Page No., Name of Publisher)	Date /Year of publication	DOI of Publication (if not available mention NIL)	Indexing (Scopus/SC I/ESCI /UGC/ Others)
1.	Dhulipalla Venkata Rao Shaik Sajiha, Kodali Radha, Nammi Sneha, Suryanarayana Gunnam, Durga Prasad Bavirisetti	Automatic dysarthria detection and severity level assessment using CWT-layered CNN model	EURASIP Journal on Audio, Speech, and Music Processing	Volume 2024, no.33	2024/6/25	https://link.springer.com/article/10.1186/s13636-024-00357-3	SCI
2.	Gunnam Suryanarayana, Venkata Sainath Gupta T, K. Shriram Tej, C. Karthik, V. Siva Reddy, V. Bhuvana Sahithi, Y. Anitha, V. Yogitha and P. Reshma Valli	Chest CT Image based Lung Disease Classification - A Review	Current Medical Imaging	Vol 20, ISSN (Online): 1875-6603, Pages: 1-14, Bentham Science	16-10-2023	10.2174/0115734056248176230923143105	SCIE

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S.No.	Name of Co-authors	Title of paper	Name of Journal	Details of publications (volume no., Issue no., ISSN n., Page No., Name of Publisher)	Date /Year of publication	DOI of Publication (if not available mention NIL)	Indexing (Scopus/SCI/ESI/UGC/Other s)
1.	Dr.A.Jhansi Rani ,S. Navya Vijaya Lakshmi, V.Saritha	A Compact Penta Band Notched UWB Antenna Using Modified U-Slots and EBG Structures	Journal of Physics	Conference Series 2471	18-10-2023	:10.1088/1742-6596/2471/1/012001 pp:1-8	Scopus
2.	Ch Raghavendra ,Kancharla. Naveen,V. Pradeep, K. Vamsi Reddy, & V. Joshi Manikiran	Investigation and Implementation of Inverted U-Slot Reconfigurable Microstrip Patch for Monopulse Radar Applications	Telecommunications and Radio Engineering	Volume No 82, Issue No:6, Page No:1-11 (2023)	23-06-2023	nil	scopus

INTERNATIONAL CONFERENCES:84

S.No.	Name of authors	Title of the paper	Name of the conference	details of conference(name of proceedings ,place of organization, page numbers, ISBN numbers e.t.c.)	Date of the conference	DOI	Indexing /Publisher
1.	D.Venkata rao ,Kodaliradha, Saijha, S., Akhila, V., Sneha , N.	Dysarthria Diagnosis and Dysarthric Speaker Identification Using Raw Speech Model	National Conference on Communications NCC-2024	Electronic ISBN:979-8-3503-5922-0 Indian Institute of Technology Madras, and Indian Institute of Technology Tirupati,	Feb 28, 2024 - Mar 2, 2024	https://ieeexplore.ieee.org/document/10485694	IEEE
2.	D.Venkata rao ,Kodaliradha ,Sai, K.V.K., Krishna, R.T., Munneera, A.	Detecting Autism Spectrum Disorder from Raw Speech in Children using STFT Layered CNN Model	2024 International Conference on Green Energy, Computing and Sustainable Technology (GECOST)	Malaysia, Electronic ISBN:979-8-3503-5790-5	17-19 January 2024	https://ieeexplore.ieee.org/document/10474705	IEEE

3.	D.Venkat a rao , Chelluri Divakar; Ramanu Harsha; Kodali Radha; ; Nadakudi ti Madhavi; Thiruvee dhula Bharadw aj	Explainable AI for CNN- LSTM Network in PCG-Based Valvular Heart Disease Diagnosis	Proceedings of the 14th Internationa l Conference on Cloud Computing, Data Science and Engineering , Confluence	Noida, Uttar Pradesh, India, 979-8-3503- 4483-7	18th to 19th January 2024	https://ieeexplore.ieee.org/document/10463207	IEEE
4.	A.Jhansi Rani ,Raghave ndra, Ch., Geetha, S., Hemanth Kumar, B., Tejaswini , B.	Design and Simulation of Parallel Coupled Bandpass Filter for Wireless Communicatio n Applications	Proceedings of ICWITE 2024: IEEE Internationa l Conference for Women in Innovation, Technology and Entrepreneu rship	Vemana Institute of Technology,Ban galore, pp. 702- 705	16-17 February 2024.		IEEE
5.	Vijaya Sankar Anumala ,Sai Boppudi, B. , Lakshmi Ambati, R. , Geetha Sravani Beeram, S. , Venkata	Performance Evaluation of Rake Receiver using Rayleigh Fading Channel in Terms of Bit Error Rate	2023 8th Internationa l Conference on Communica tion and Electronics Systems (ICCES)	2023 8th International Conference on Communication and Electronics Systems (ICCES), Coimbatore, India, ISBN:979-8- 3503-9663-8	01-03 June 2023	10.110 9/ICCE S57224 .2023.1 019262 1	IEEE

	Raghavan, S.T.P., Anumala, V.S.						
6.	Vijaya Sankar Anumala, Akhila Dokala; Lasya Sree Yannam; Virinchi Daram;	Enhancing Underwater Optical Communications Using Spatial Diversity MIMO	2023 3rd International Conference on Mobile Networks and Wireless Communications (ICMNBC)	2023 3rd International Conference on Mobile Networks and Wireless Communications (ICMNBC), Tumkur, India, ISBN:979-8-3503-1702-2	04-05 December 2023	10.1109/ICMNBC60182.2023.10435922	IEEE
7.	Vijaya Sankar Anumala, Gnaneswari Kancharla, Srinivasa Panchavadi Gopamsana, Bhaskar Reddy Yadamakanti	Early Heart Disease Detection with Extreme Data Approach using Ensemble Learning Techniques	2023 8th International Conference on Communication and Electronics Systems (ICCES)	8th International Conference on Communication and Electronics Systems (ICCES), PPG Institute of technology, Coimbatore, 979-8-3503-9664-5	1-6-2023 to 3-6-2023 Added to IEEE on August 2023	10.1109/ICCE57224.2023.10192651	IEEE
8.	Hema Kumar Goru, Kusuma Kumari Korada Gnana Deepika Paladugu	Detection and Classification of Alcoholic and Control Scalp EEG Signals using Discrete Wavelet Transform and Gradient	14th International Conference on Computing Communication and Networking Technologies	IIT-Delhi, Delhi,	July, 6th - 8th, 2023.	10.1109/ICCCNT56998.2023.10306521.	IEEE

	Janu Mayusha Gundu and Pravallika	Boosted Tree classifiers	s-2023				
9.	Gnana Deepika Paladugu , Hema Kumar Goru, Kusuma Kumari Korada, and Janu Mayusha Gundu	Alcoholism Identification From Variational Mode Decomposed EEG Signal Using Machine Learning Techniques.	14th International Conference on Computing Communication and Networking Technologies-2023	IIT-Delhi, Delhi	July, 6th - 8th, 2023.	10.1109/ICCCNT56998.2023.10307977	IEEE
10.	Hema Kumar Goru , Rukhsar Shaik , Harshitha Nadakuditi , Vasamsetti Gayathri Balakrishna Velagapudi	LBGM Classifier-Based Automated Identification and Prediction of Epileptic Seizures	14th International Conference on Computing Communication and Networking Technologies-2023	IIT-Delhi, Delhi	July, 6th - 8th, 2023.	10.1109/ICCCNT56998.2023.10307704.	IEEE
11.	Hema Kumar Goru ,Rukhsar Shaik	A Comparative Study of Naïve Bayes, LDA, and Gradient Boosting	14th International Conference on Computing	IIT-Delhi, Delhi	July, 6th - 8th, 2023.	10.1109/ICCCNT56998.2023.10307524	IEEE

	Harshitha Nadakuditi Vasamsetti Gayathri Balakrishna Velagapudi	Classifiers for Epileptic Seizure Detection Using Discrete Wavelet	Communication and Networking Technologies-2023				
12.	Hema Kumar Goru, Ilyas Khan, Ch. Yaswanth Reddy, B. Pavan Kumar	Voice-Activated Learning Framework Using Raspberry Pi for Children's Education	3rd IEEE International Conference on Artificial Intelligence for Internet of Things (AIIoT 2024)	Vellore, India	03 - 04, May 2024	10.1109/AIIoT58432.2024.10574612	IEEE
13.	Ch Raghavendra, Manoj, Yeswanth, Ashraf(Ug)	Implementation Of Dual Band Dra For 5g Applications	Fourth International Conference On Recent Trends In Machine Learning Iot Smart Cities And Applications		16-09-2023	-	Springer

14.	Ch Raghavendra ,M.Raghava,Sk.Nagur Basha,N. Sanjay	S Band Circularly Polarised Rectangular Dielectric Resonator Antenna For Sub-6ghz Frequency In Radar Application	3 Rd International Conference On Emerging Electronics And Automation (E2a-2023)	Organized By Department Of Electronics And Instrumentation Engineering, National Institute Of Technology Silchar, Assam, India On 15th To 17th December 2023.	15th To 17th December 2023		Scopus
15.	Ch Raghavendra ,S Geeta	Design And Simulation Of Parallel Coupled Bandpass Filter For Wireless Communication Applications	Eee International Conference For Women In Innovation, Technology And Entrepreneurship,	Vemana Institute Of Technology Bangalore	16-17 February 2024	10.1109/Icwite59797.2024.10503358	Ieee
16.	K. Sneha ,K.Sai vinodi, N, manikyagowtham , k. Jaswant kumar	Voice controlled floor cleaner	International conference on emerging technologies in engineering and science	International conference on emerging technologies in engineering and science	Aug-23		AIP
17.	K. Sneha ,N. Jnana Phaneendra Sathiraju, K. Harish sai	Master Street Light System Integrating Automation And Air Pollution Monitoring For Urban Sustainability	5th International Conference on Intelligent Communication Technologies and Virtual Mobile	5th International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, Tirunelveli,406-411,	11-12 March,2024	https://doi.org/10.1109/ICICV62344.2024.00070	IEEE computer society

			Networks.				
18.	K. Sneha ,Ch.Mahe sh, A.Samuel, B.Surya Teja	Urbansafeguard:A Comprehensive Smart Streetlight Solution	5th International Conference on Intelligent Communication Technologies and Virtual Mobile Networks (ICICV 2024)	5th International Conference on Intelligent Communication Technologies and Virtual Mobile Networks (ICICV 2024),Tirunelveli, 141-147	11-12 March,2024	https://doi.org/10.1109/ICICV62344.2024.00029	IEEE Computer society
19.	K. Sneha ,Sai vinodh koritala, manikya gowtham nandula, K.Jaswanth kumar, Ganesh Potluri	Facial Identification and remote door locking system	4th International Conference on pervasive computing and social networking(ICPCSN 2024)	ieee proceedings, RP Sarathy Institute of Technology, Salem, India	3-4 May 2024		IEEE computer society
20.	B SUJITH A ,Mrudula Kilaru, Haneesha Perusomula(faculty) ,MA. Noor Jahan Parveen, Chandana Kanikich erla	IoT Based Smart Water Meter System With Sensor	2023 Second International Conference on Augmented Intelligence and Sustainable Systems (ICAISS)	ICAISS-2023 ,979-8-3503-2579-9,Trichy, India	23-25 Aug 2023	10.1109/ICAISS58487.2023.10250586	IEEE

21.	V B K L ARUNA ,G Sai Kiran Reddy, G Venkata Sai Babby Naidu, M Venkatesh, U Yuvaraj Naik	Image Processing Techniques in Localization of Diabetic Foot Ulcers	12 th Internationa l Conference of Computing, Communica tion and Sensor Networks- CCSN 2023		15-17th October 2023		LNEE Proce edings
22.	V B K L ARUNA ,P Jaswanth Sai, K Venu, B Pranav Parshura m	FPGA ENABLED DEEP LEARNING ACCELERAT OR FOR MULTICLAS S ELECTROCA RDIOGRAM CLASSIFICA TION	19TH IEEE APCCAS 2023	T-Hub, Hyderabad	Nov 19th to 22nd 2023		IEEE
23.	Dr Shaik Fayaz Ahamed ,- Prasad Kavadan a	Development of LoRaWAN based water Quality Monitoring System	2023 Internationa l Conference on Sustainable Emerging Innovations in Engineering and Technology (ICSEIET)	ABES Engineering College, Ghaziabad, UP, India	14- 15/09/202 3	DOI: 10.110 9/ICSE IET586 77.202 3.1030 3427	IEEE Xplor e

24.	Siva Reddy Vanga ,G. JAYA PRASUN AMBIKA ,A. NIHARIKA , A. PURNA GOWTHAM	Smart Monitoring and Automated PH Controlled System	2023 14th International Conference on Computing Communication and Networking Technologies (ICCCNT)	ISBN: 979-8-3503-3510-1, IIT Delhi, India	06-08 July 2023	https://doi.org/10.1109/ICCCNT56998.2023.10308161	IEEE
25.	Siva Reddy Vanga ,K Durga Shanmukhi,P Naga Pavan Kumar,M Viswanath Anand,B Ranjith Kumar	A Study of Assistive Technologies for Visually Impaired	Research Advancements and Innovations in Computing, Communications and Information Technologies	AIP Conference Proceedings,NR IIT Vijayawada,2796, 120002-1â€“120002-9	April 22 - 24, 2022	https://doi.org/10.1063/5.0148915	AIP Publishing
26.	Bandi Alekhya ,Ch.Sai Revanth, M Hadi Abbas, K V Prasad	Design of UWB MIMO for bio-medical applications	International Conference on Integrated Intelligence and Communication Systems (ICIICS-2023)	Shambasva University Kalaburagi, India	24-25th november 2023		IEEE

27.	Bandi Alekhya ,Jasti Jaya Rama Krishna Shabareesh, Kudumu Vara Prasad, Pranavi Polani, Ch. Venkata Sai Revanth, Dasi Swathi	A REVIEW ON PERFORMANCE OF MIMO WEARABLE ANTENNA	International conference on sustainable communication networks and applications	Bharath Niketan Engineering College, Theni, Tamil Nadu, India	15-17, November 2023		IEEE
28.	Lokireddy Sarala ,Chittiboina Sridevi ,.Rayapati Akash Chowdary ,.Mulam Hema Gnana Prasuna Gargeye	DeepFake Video Detection Using Machine Learning and Deep Learning Techniques	ICRITO	2024 11th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions) (ICRITO),Noida , India	14-15 March 2024	10.1109/ICRITO61523.2024.10522247	IEEE
29.	K. Shri Ramtej ,Paidikondala Vinay, Amarlapudi Sanjaybhargav, Uppala Sakhitha	LoRaWAN based Environmental Monitoring for Smart Campus	International Conference on Signal Processing and Communication (ICSC)	Jaypee Institute of Information Technology, Noida, pp. 120-124, ISBN:979-8-3503-8320-1	21-23 December 2023	https://doi.org/10.1109/ICSC60394.2023.10441519	IEEE

30.	K. Shri Ramtej ,Kondredy Nikhila Sri Sarvani, Pravallika Nalluri, Atluri Baby Srujana	Prediction of Sudden Cardiac Arrest using Machine Learning	International Conference on Automation , Computing and Renewable Systems (ICACRS)	Mount Zion College of Engineering and Technology, Tamil Nadu, pp. 965-969, Electronic ISBN:979-8-3503-4023-5	11-13 December 2023	10.1109/ICACRS58579.2023.10404350	IEEE
31.	Turimerla Pratap ,Vivek Gaddeti, Yuvaraju Bodda, Chakravarthi Kamani, Turimerla Pratap, Jasti Sateesh	Explainable Machine Learning Models for Personalized Insulin Dosage Prediction in Diabetes Mellitus Management	8th Students' Conference on Engineering & Systems (SCES-2024)	MNNIT Allahabad	22.06.2024		IEEE Conference
32.	Dr Venkata Sainath Gupta T ,Sai Kiran Malkapurapu, Venkat Guntupalli, Bhanu Nivas Manapakala	A MACHINE LEARNING BASED MARINE VESSEL/SHIP CLASSIFICATION USING PASSIVE SONAR SIGNALS - A MULTI-CLASS PROBLEM	Eighth International Symposium On Intelligent Informatics (ISI)	Smart Innovation, Systems, and Technologies Series, PES University, Bangalore	18 Dec - 20 Dec 2023		Springer

33.	Dr. P.Sarah Suhasini ,Pavan Kumar Pallinati, Naga Sahithi Kallepalli , Nitheesh Veeramallu	OBJECT DETECTION IN TRAFFIC VIDEOS	STUDENT S CONFERENCE ON ELECTRICAL, ELECTRONICS AND COMPUTER SCIENCE	IEEE xplore, Maulana Azad National Institute of Technology, Bhopal, ISBN: 979-8-3503- 4846-0	24 -25 Feb 2024	-	IEEE
34.	Dr. P.Sarah Suhasini ,Ganipisetty Aravind, Vanamali Vamsi Kiran, V Moses Sukumar	Fall Detection and Protection by Airbag System	4th International Conference on Expert Clouds and Applications (ICOECA 2024)	2024 ICOECA, RV College of Engineering, Bengaluru	18-19 , April 2024		IEEE
35.	Vanka Saritha ,Koduri Sai Deepika, Marisetty Ayyapa Swamy, Balla Nikhil	Speed Warning System Using Python	IEEE International Students Conference on Electrical, Electronics and Computer Science SCEECS 2024 ,MANIT ,Bhopal	IEEE International Students Conference on Electrical, Electronics and Computer Science SCEECS 2024 ,MANIT ,Bhopal	24,25th Feb,2024	-	IEEE

36.	Vanka Saritha ,Sabbarapu Venkat Sai Ram,Shaik Nagurvali,Rayudu Prasanth, N Siva Naga Malleshwari	A Compact Planar Antenna operating at Lower and Higher 5G bands	Wireless, Antenna & Microwave Symposium 2024	Raghu Engineering College, Visakhapatnam	03.03.2024	-	IEEE
37.	M.Sunitha ,G. Roshan Chowdary, N. Venkata Saiteja ,K Sri Santhi Priya	A REVIEW ON VEHICLE POLLUTION MONITORING SYSTEM	CONFERENCE: 2nd International Conference on Automation , Computing and Renewable Systems (ICACRS - 2023)	Mount Zion College of Engineering and Technology, Tamil Nadu.	11-13 december 2023	10.1109/ICACRS58579.2023.10405244	IEEE
38.	M.Sunitha ,M. Harsha Vardhan, K. Venkata Sai Krishna, K. Aditya Manoj	Wrong Route Vehicles Detection Using Deep Learning	International Conference on Next Generation Electronics (NEleX)	Vellore Institute of Technology, Tamil Nadu	14-16 December 2023	10.1109/NEleX59773.2023.10421458	IEEE

39.	Aniruddh Bahadur Yadav ,Sheik Kadhar Basha, Sk Arshad, Jogi Sasi Nikhila	Density Functional Theory (DFT) study on doped Tungsten DiSelenide (WSe2) as sensing material	4th International Conference on Recent Trends in Engineering , Technology and Management 2024	ICRETM 2024,Suguna College of Engineering, Coimbatore,ISBN N 978-81-965908-7-1	06-04-2024		IEEE
40.	Venkata Subbaiah G ,M Kavya Lakshmi , M N V Sainadh	Machine Learning Predictive Model for Chronic Kidney Disease Classification Using Python	Artificial Intelligence for Innovations in Healthcare Industries (ICAIHI), International Conference on	Shri Shankaracharya Institute of Professional Management and Technology Raipur, Chhattisgarh, India.DOI: 10.1109/ICAIIH I57871.2023 29-30 Dec. 2023 Volume : 1	29-30 Dec. 2023 Volume : 1	DOI: 10.1109/ICAIIH I57871.2023 29-30 Dec. 2023	IEEE
41.	Dr. V. Narasimha Nayak ,G. Greeshmesh, G. Niteesh Reddy, Y. Koushik	Securing Information Transmission in RIS-enabled NOMA Network Through Control Jamming	2023 3rd International Conference on Mobile Networks and Wireless Communications (ICMNWC)	page 1-6,Tumkur, India,Electronic ISBN:979-8-3503-1702-2	4th and 5th December 2023	10.1109/ICM NWC6 0182.2023.10435811	IEEE

42.	Dr. V. Narasimha Nayak, DBS ROHAN, P. NAGASRIDHAR, D. KUMAR REDDY	SOP MINIMIZATION IN COOPERATIVE RELAY-BASED NOMA NETWORK WITH CONTROL JAMMER	WAMS-2024	Raghu Engineering College, Visakhapatnam, AP, INDIA	29 Feb-3 Mar 2024	10.1109/WA MS596 42.202 4.1052 8169	IEEE
43.	Dr. V. Narasimha Nayak, N. PRANATHI, K DIVYA, B. DEEPTHI	IMPROVING SECRECY RATE IN NOMA NETWORK WITH JAMMING SCHEMES	WAMS-2024	Raghu Engineering College, Visakhapatnam, AP, India,	29 Feb-3 Mar 2024	10.1109/WA MS596 42.202 4.1052 8169	IEEE
44.	Dr Venkata Sainath Gupta T, Bhanu nivas manapak a, sai kiran malkapur apu	An Explainable ML Model For MultiClass Marine Vessel Classification Using Passive Sonar Signals	International Conference on Distributed Computing and Optimization Techniques	IEEE proceedings, Belgavi	15 - 16 March 2024	10.1109/ICDC OT610 34.202 4.1051 5599	IEEE

45.	Dr.B LAKSH MI SIRISHA ,J Eswara Rao; M Devisri; B Jayendra Nayak; B Lakshmi Sirisha	Quality Assessment of Banana Fruit using Image Processing	Internationa l Conference on Information Technology (OCIT)	2023 OITS International Conference on Information Technology (OCIT) , 59427- OCIT, 2023 (PRT)	13-15 Dec. 2023	10.110 9/OCIT 59427. 2023	IEEE
46.	Dr.B LAKSH MI SIRISHA ,J Eswara Rao; M Devisri; B Jayendra Nayak; B Lakshmi Sirisha	Fruit Quality Detection Using Deep Learning for Sustainable Agriculture	(RAEEUCC I)	2024 International Conference on Recent Advances in Electrical, Electronics, Ubiquitous Communication, and Computational Intelligence	17-18 April 2024	10.110 9/RAE EUCCI 61380. 2024.1 054800 5	IEEE
47.	Dr.B LAKSH MI SIRISHA ,Enikepal li Sai Prakash; Sekharap alli Bargava Ravi Kanth; Pathi Chaitanya; B.Laksh mi Sirisha	Enhancing Emergency Alert System: Live Location Sharing and Phone Call Activation	Internationa l Conference on Innovative Mechanism s for Industry Application s (ICIMIA)	2023 3rd International Conference on Innovative Mechanisms for Industry Applications (ICIMIA)	21-23 Dec. 2023	10.110 9/ICIM IA6037 7.2023	IEEE

48.	Dr.B LAKSHMI SIRISHA ,Singari Amrutha; Manikala Venkates waramma ; Prasanthi Lanka	wastage Collector using Arduino UNO	Internationa l Conference on Innovative Mechanism s for Industry Application s (ICIMIA)	2023 3rd International Conference on Innovative Mechanisms for Industry Applications (ICIMIA)	21-23 Dec. 2023	10.110 9/ICIM IA6037 7.2023	IEEE
49.	Saimpu Aditya, Putta Nikhith Sree Sai, Degala Durga Prasad	Verilog-Based Automatic Bus Ticketing System	2024 Internationa l Conference on Automation and Computatio n (AUTOCOM)	2024 AUTOCOM, GRAPHIC ERA HILL UNIVERSITY- Dehradun, Page no.202-205, ISBN:979-8- 3503-8272-3	14-16 March 2024	https://doi.org/10.1109/AUTOCOM60220.2024.10486096	IEEE
50.	A Ravi Raja ,Merin, Prabhakar Lurdhu, Vishnubh otla, Ashok Kalaka, Sri, Tellakula Ramya, P Vijaya Kumar	Investigating the Accuracy of Sleep Stage Classification in Pediatrics: A Comprehensive Review	Internationa l Conference on Sustainable Communica tion Networks and Application, ICSCNA 2023	2023 International Conference on Sustainable Communication Networks and Application, ICSCNA 2023, Theni, ISBN 979-835031398- 7	15 November 2023throu gh 17 November 2023	10.110 9/ICSC NA584 89.202 3.1037 0610	IEEE
51.	Bindu Priya Makala ,Surasani Mahith Reddy,	Chronic Obstructive Pulmonary Disease Detection Using Machine	5th Internationa l Conference Of Emerging	Jain College of Engineering, Karnataka	24th May â€“ 26th May 2024		IEEE

	Pitchuka Venkata Charan, Nagendla Lokesh	Learning Technique	Technologies 2024				
52.	Bindu Priya Makala, Surasani Mahith Reddy, Pitchuka Venkata Charan, Nagendla Lokesh	Automatic Image Caption Generation Using Deep Learning Techniques	3rd International Conference on Power Electronics, Intelligent Control, and Energy Systems (IEEE-ICPEICES-2024)	Delhi Technological University	26th to 28th April 2024		IEEE
53.	Bindu Priya Makala, Harsha Vardhan Patri, Mahesh Babu Mothukuri, Sai Rama Krishna Gandham	U-Net Advancements in Semantic Segmentation for Autonomous Vehicles	International Conference on Advanced Computing and Communication Systems (ICACCS) 2024	Sri Eshwar College of Engineering, Coimbatore, Tamilnadu, India.	14th and 15th March 2024		

54.	R V H PRASAD ,S y e d A s h f a q A h a m a d, Ch. V. S. A. E s w a r B h a t t a, Hemanth Keerthi ,	Eye F a t i g u e D e t e c t i o n u s i n g M a c h i n e L e a r n i n g a n d D e e p L e a r n i n g C l a s s i f i e r s	2024 MIT Art, Design & Technology School of Computing International Conference	MIT Art Design and Technology University, School of Computing, Pune India	25-27 April 2024		IEEE
55.	R V H PRASAD ,Md. Isshaad, T. Vishnu Vardhan Reddy, M. Manashs he	Devlopment of a Real-Time Weight Monitoring System for Premature Infants	4th International Conference on Pervasive Computing and Social Networking (ICPCSN 2024)	ICPCSN 2024, R P Sarathy Institute of Technology, Salem, India.	03-04 May 2024		IEEE
56.	R V H PRASAD ,Nishmik a Pothana	Verification of Coverage-Driven and Assertion based AXI4 Protocol VIP using UVM	2023 First International Conference on Cyber Physical Systems, Power Electronics and Electric Vehicles (ICPEEV)	Conference Location: Mahindra University, Hyderabad, India; Electronic ISBN:979-8-3503-2356-6 Print on Demand(PoD) ISBN:979-8-3503-2357-3	28-30 September 2023	10.1109/ICPEEV58650.2023.10391880	IEEE

57.	R V H PRASAD ,Pemula Jaxa Hruday, A Bharath Venkata Siva Kiran	Horticulture Robot for Precision Plant Health Management	10th International Conference on Communication and Signal Processing	ICCSP 2024, Adhiparasakthi Engineering College (APEC), Melmaruvathur, Tamilnadu, India.	12-14 April 2024	10.1109/ICCS P60870 .2024.10544096	IEEE
58.	Ball Mukund Mani Tripathi ,Mallemoggala Abhiram	Performance Evaluation of 9T and 6T SRAM Cells at 7nm Technology	2023 14th International Conference on Computing Communication and Networking Technologies (ICCCNT)	Pages 1-4	23-11-2023	10.1109/ICCCNT56998.2023.10306485	IEEE XPLO PRE
59.	Sunkara Teena Mrudula ,Dumpeti Moses Manohar, Tirumani Prakash, Gonnuri Prudhvi	Detection Of Breast Cancer By Means Of Neural Networks	International Conference On Recent Trends In Innovation And Technology	Rajamahendravaram,1-9,2456-5083	19,20 April	10.48047/Ijje mr/V13 /Issue 04/1	Elsevier
60.	Dr. K Vara Prasad ,N. Venkateswari, Maneesh	Design of UWB MIMO Antennas with Enhanced Isolation for Wearable Applications	Proceedings - 2024 5th International Conference on Intelligent	Francis Xavier Engineering College, Tamil Nadu	11-12 March 2024	NIL	Scopus

	a, V. Gopichand		Communication Technologies and Virtual Mobile Networks, ICICV 2024				
61.	K.V.Ratna Prabha, Abhiram Niswas Dunna, Venkata Ratna Prabha K, Sai Sandhya Bejawada, Sai Likitha Sree Boorsu, Bindu Priya, A. Ravi Raja	Detection and Recognition of License Plates Using Deep Learning-Based Technology and Flask	2023 International Conference on Self Sustainable Artificial Intelligence Systems (ICSSAS)	M. P. Nachimuthu M. Jaganathan Engineering College Chennimalai, Erode, India	18-20 October 2023	10.1109/ICSSAS57918.2023.10331898	IEEE
62.	Dr. K Vara Prasad, Sai Kumar, D.H., Mohith T, Sameer, M.	Classroom Attendance Monitoring using Haar Cascade and KNN Algorithm	2nd International Conference on Intelligent Data Communication Technologies and Internet of	Bengaluru, India	04-06 January 2024	10.1109/IDCIoT59759.2024.10467696	IEEE

	Lohith, K.		Things, IDCIoT				
63.	Venkata Ratna Prabha K,Venkat a Bhavana S,Suryap ushpanjal i G,Rajesw ari T, Chinni Hima Bindu, K. Rama Devi	Ensemble Transfer Learning Techniques for Classification of Autism Spectrum Disorder	2024 2nd Internationa l Conference on Device Intelligence, Computing and Communica tion Technologie s (DICCT)	Dehradun, India	15-16 March 2024	<u>10.1109/DICC T61038 .2024.1 053284 0</u>	IEEE
64.	Dr. G L Madhumati ,Hema Kumar Goru, iyas Khan; Chandaluri Yaswanth Reddy; Boni Pavan Kumar	Voice- Activated Learning framework Using Raspberry Pi for Children's Education	2024 3 rd International Conference on Artificial Intelligence For Internet of Things (AIIoT)	Vellore, India	03 - 04, May 2024	DOI: 10.1109/ AIIoT 58432. 2024. 0574612	IEEE

65.	Dr. G L Madhumati, L.J.N.Sree Lakshmi	Design of Dadda Multiplier with Minimum Area Delay Power (ADP) Product by using an Approximate Novel Compressor	The 15 th International IEEE Conference on Computing, Communication and Networking Technologies (ICCCNT)	IIT - Mandi, Himachal Pradesh, India.	June 24 - 28, 2024		IEEE
66.	Dr G Kishore Kumar, Srinivas Pavan Jonnalagadda, Ram Kumar Avutapalli, Venkata Jayasri Pranitha Bobbadi, Keerthi Bagati	Design Of Wallace Multiplier Using Novel Approximate 4: 2 Compressors	2023 2nd International Conference on Paradigm Shifts in Communications Embedded Systems, Machine Learning and Signal Processing (PCEMS)	NIT Nagpur	05-06 April 2023	10.1109/PCEMS58491.2023.10136063	IEEE
67.	Dr G Kishore Kumar, Kandi Naveen, Vishnubhatla Sai Lakshmi Manonmani, Murala Sri Jaya Nikhitha, Vasireddy Pradeep	VLSI Architecture of a High Speed Polar Code Decoder using Finite Length Scaling LDPC Codes	2023 Second International Conference on Electrical, Electronics, Information and Communication Technologies (ICEEICT)	Trichirappalli	05-07 April 2023	10.1109/ICEEICT56924.2023.10157091	IEEE

68.	Dr G Kishore Kumar ,Pathallapalli Hareesha, Thamballa Dheeraj, Parisa Sai Soniya	Modified Karatsuba Approximate Multiplier for error-resilient applications	2023 Seventh International Conference on Image Information Processing (ICIIP)	Solan	22-24 November 2023	10.1109/ICIIP61524.2023.10537768	IEEE
69.	Dr G Kishore Kumar ,Parisa Sai Soniya, Pathallapalli Hareesha, Thamballa Dheeraj, Sruthi Eate, Katikala Haveela Evangeline	Hybrid Karatsuba Approximate Multiplier Utilizing a 4x4 Approximate Multiplier	2023 OITS International Conference on Information Technology (OCIT)	NIT Raipur	13-15 December 2023	10.1109/OCIT59427.2023.10430657	IEEE

70.	Dr CH Naga Raghuram ,Gundugunti Kishore Kumar, Vejandla Sreeja, Chelli Tharani, Akiri Vivaswanth and N V L Narasimha Murty	Efficient Approximate Adder Design for Image Brightness Enhancement: Balancing Area, Power and Delay	An International Conference on Computer, Electronics and Electrical Engineering and Their Applications (IC2E3-2024)	NIT Uttarakhand	JUNE 6th - 7th, 2024		IEEE
71.	K.Premchand ,P.Meghana	Tri-Band Slotted Monopole Antenna for Vehicular Applications	2024 3rd International Conference for Innovation in Technology (INOCON)	SVIT, bangalore	1-3 march 2024		IEEE
72.	K.Premchand ,G.Balakrishna, N. Om venkata Vamsi, J.Waran Job	Double C-Slot Monopole Antenna with Defected Ground Structure for Multi-Band Applications	2024 3rd International Conference for Innovation in Technology (INOCON)	SVIT, bangalore	1-3 march 2024		IEEE

73.	Dr Shaik Fayaz Ahamed ,Veeranala Koti Sai Krishna, Variganji Rajesh, Bokka Sri Prakash Raju	Voice activated assistant for smart home control	4th International conference on Expert Clouds and Applications (ICOECA-2024)	RV college of Engineering, Bangalore	18-19, April 2024		IEEE
74.	Y Sarada Devi ,Pallavi Golla, D. V. S. Akash, S. Pranay Sai, Ramasamy Mariappan	VANET Routing Protocol Using Particle Swarm Optimization	International Conference on Communication, Electronics and Electrical Engineering (ICCEEE) Chennai, India e ISBN : 9781003488682	International Society for Scientific Research and Development (ISSRD)	7th April 2024		ISSRD
75.	Y Sarada Devi ,Aishwarya	Color detector for color blindness people	International Conference Management technology & Entrepreneurial Challenges in Dynamic Business Environmen	ACHARYA INSTITUTE OF TECHNOLOGY Bengaluru	20th &21st March 2024		IEEE

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76.	B.Pujitha, K Raga Sravya , N Krishnasa i, Ch Devi aparna Siva Kumari	DETECTION OF BONE FRACTURE USING DEEP LEARNING	4th Internationa l conference on Emerging systems and intelligent computing	KIIT university, bhubaneswar	February 09 to 10th 2024.	https://doi.org/10.1109/ESIC604.2024.10481535	IEEE
77.	B. Pujitha ,Kagitha Samitha , Nulu Shiva Sai Prathyush a, Pinniboyi na Vasanthi	Crop Prediction from Soil Parameters using Light Ensemble Learning Model	11 th Internationa l Conference on Signal Processing and Integrated Networks (SPIN 2024)	Amity University, Uttar pradesh	21-22 March, 2024	https://doi.org/10.1109/SPIN60856.2024.10512319	IEEE
78.	Dr.N S Murthy ,Kalli Likhitha, Gurindap alli Srilatha,S ajja Monika Sree	Internet of Things based health monitoring system for asthma patients	Hinweis Second Internationa l Conference On Recent Trends in Machine Learning And Image Processing, MLIP-2023		December 22-23, 2023		

79.	Dr.N S Murthy ,Kalli Likhitha, Gurindapalli Srilatha,Sajja Monika Sree	Lung Cancer Prediction and classification using Machine learning Algorithms	4th International Conference On ExpertClouds And Applications (ICOECA-2024)	R V College Of Engineering, Bengaluru	April 18,19 2024		IEEE
80.	Dr. G. Suryanarayana ,Khan Irfana Begum, Ch. Chulika Devi, Ch. Yaswanth	Deep Learning method on X-ray image super-resolution based on residual mode encoder decoder network	Book Chapter	NA	January 20, 2023	10.1049 /PBHE 059E	IET
81.	Dr. G. Suryanarayana ,Khan Irfana Begum, Ch. Chulika Devi, Ch. Yaswanth	Super resolution imaging based on residual networkwith generalised unsharp masking	6th “International Conference on Recent Trends in Advanced Computing Theme: Cutting Edge Technologies in Computing SDG (ICRTAC 2023)”	VIT, Chennai	Dec,2023	Scopus	IEEE

82.	Dr. G. Suryanarayana, N.V. Maheshwara Reddy, J. Prema Vani, B. Tejaswini	Empirical mode fusion of MRI_PET images using deep convolutional neural networks	Book Chapter	NA	Jan, 2023	10.1049/PBHE059E	IET
83.	Dr. G. Suryanarayana, N.V. Maheshwara Reddy, J. Prema Vani, B. Tejaswini	MRI-CT Fusion Based on Phase Congruency of Intrinsic Functions and Laplacian of Residuals	6th "International Conference on Recent Trends in Advanced Computing Theme: Cutting Edge Technologies in Computing SDG (ICRTAC 2023)"	VIT, Chennai	Dec, 2023		IEEE

84.	NSN Malleswari, Vanka Sarita; Somineni Archana; Bhairava bhotla Krishna Deep; Inampudi Mohith	Y-Patch MIMO Antenna Design for Dual-Band Wireless Applications	2024 International Conference on Advances in Modern Age Technologies for Health and Engineering Science (AMATHE)		16-17 May 2024	10.1109/AMATHE61652.2024	IEEE
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Book Chapters

S.No.	Name of Authors	Title of Book Chapter	Name of Proceedings of Conference if any	Title of paper	Date & Year	Details (Place of Organising/institute name, Vol Number/ISBN number)	Name of publisher
1.	Ch Raghavendra, A.R.V. Manoj Kumar	Lecture Notes In Network And Systems	ICIMISC 2023	Implementation Of Dual Band Dra For 5g Applications	23-May-24	CMRIT HYDERABAD, 978-981-99-9442-7	SPRINGER
2.	V B K L ARUNA, D Mounika, B Swathi Kalyani, Ch Kondababu	Recent Advancements And Innovation In Computing, Communications And Information Technologies	AIP Conference Proceedings	A Technical Review On The Methodologies Of Fall Detection	JULY 14 2023	NRI Institute Of Technology, Vijayawada, 2796/Issue 1	AIP Publishing

3.	Gunnam Suryanarayana ,N.V. Maheswar Reddy, J. Premavani, B. Tejaswi		Deep Learning In Medical Image Processing And Analysis,2023	Empirical Mode Fusion Of MRI-PET Images Using Deep Convolutional Neural Networks	Oct-23	Department Of Engineering, Manchester Metropolitan University, UK,	IET: The Institution Of Engineering And Technology
4.	Gunnam Suryanarayana ,Khan Irfana Begum, Ch. Chulika, Ch. Yashwanth		Deep Learning In Medical Image Processing And Analysis,2023	Deep Learning Method On X-Ray Image Super-Resolution Based On Residual Mode Encoder-Decoder Network	Oct-23	Department Of Engineering, Manchester Metropolitan University, UK	IET: The Institution Of Engineering And Technology
5.	Dr. Jasti Sateesh ,Subhash Turaka, Valanukonda Bhavya Bhargavi, Naga Nikhila Nandam, Shahed Baba Syed, Nanda Sai Donepudi, Dhanya Yalamanchili, Koushik Guha	MEMS And Microfluidics In Healthcare A		Review On Recent Trends In The Segregation Of Red Blood Cells Using Microfluidic Devices	14-03-2023	Lecture Notes In Electrical Engineering Book Series (LNEE, Volume 989), 978-981-19-8714-4, https://doi.org/10.1007/978-981-19-8714-4_3	SPRINGER
6.	Dr. Jasti Sateesh ,Mareedu Nagavalli, Tatineni Sharmila	MEMS And Microfluidics In Healthcare A		Road Map To Paper-Based Microfluidics Towards Affordable	14-03-2023	Lecture Notes In Electrical Engineering Book Series (LNEE, Volume 989), 978-	SPRINGER

	Swaroop, Pannangi Sri Vidya Gayathri, Vuyyuru Dinesh Kumar Reddy, Nanda Sai Donepudi, Dhanya Yalamanchi li, Koushik Guha			Disease Detection		981-19-8714- 4,Https://Doi. Org/10.1007/9 78-981-19- 8714-4_4	
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