

VRSEC : ECE
Student Publications

International Journals:04 (SCI: 01, Scopus:03)

S.No.	Name of Faculty	Name of Co-authors	Title of paper	Name of Journal	Date and year of publication	Volume, Issue, Page No.	ISSN Number	DOI of Publication (if not published yet mention NIL)	Indexing(Scopus/SCI/ESCI/UGC/Others)	Quartile Factor of the Journal
1	Prasad, Kudumu Vara,	Narala Venkateswari, Miryala Sandhyarani, Padarti Vijaya Kumar, and Kesana Mohana Lakshmi.	"Isolation and Bandwidth Enhancement of Compact Wideband MIMO for Sub-6 GHz, Ku-Band and Millimeter-Wave with UWB Applications."	PIER-C	27-09-2024	Vol. 148, 83-95	ISSN : 1937-8718	doi:10.2528/PIERC24070401	scopus	Q3
2	Dr.D.Venkata Rao	Kurma Venkata Keerthana Sai, Rompicharla Thanmayee	Automated ASD detection in children from raw speech using customized STFT-CNN	International Journal of Speech Technology	26 July 2024	Volume 27, pages 701–716, (2024	1381-2416		SCI	Q3

		Krishna, Kodali Radha, Dhulipalla Venkata Rao, Abdul Muneera	model							
3	Dr. V. Narasimha Nayak	D Kumar Reddy, DBS Rohan, P Naga Sridhar	SOP ANALYSIS OF DF RELAYING- ENABLED SWIPT-NOMA NETWORK WITH DIFFERENT JAMMING CONDITIONS	<u>Telecomm unications and Radio Engineerin g</u>	06-01- 2025	Vol. 84	1943-6009	DOI: 10.1615/Teleco mRadEng.2025 053226	Scopus	
4	Dr. V. Narasimha Nayak	D Kumar Reddy, V Narasimha Nayak, DBS Rohan, P Naga Sridhar	SOP Analysis of DF Relaying- Enabled SWIPT-Noma Network With Different Jamming Conditions	Telecomm unications and Radio Engineerin g	06-01- 2025	84	0040-2508	DOI: 10.1615/Teleco mRadEng.2025 053226	Scopus	

International Conferences:70

S. No.	Name of the Faculty	Name of co-authors	Name of the conference	Title of the paper	details of conference(name of proceedings ,place of organization, page numbers,	Dates of the conference	ISBN Number	Indexing	DOI	Name of Publisher
1.	G Hema Kumar	Srilakshmi Anjana Priya Konapala, Kavya Priya Kunaparedy, Dinesh Sai Manikanta Bevara	15th International IEEE Conference on Computing Communication and Networking Technologies	EEG-based Detection of Major Depressive Disorder using 2D Convolutional Neural Network and Gated Recurrent Units	IIT - Mandi, Himachal Pradesh, India.	June 24 - 28, 2024				IEEE
2.	DR. A. Vijayasankar	Gnaneswari Kancherla, Srinivasa Panchavedi Gopamsana ,Bhaskar Reddy Yadamakan	4th International Conference on Pervasive Computing and Social Networking (ICPCSN), Salem, India	Efficient Schizophrenia Detection Through Transfer Learning for Robust Diagnostics	Salem, India	03-04 May 2024	979-8-3503-8634-9		10.1109/ICPCSN.2024.00057	IEEE Xplore

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3.	Dr. A. Vijayasankar	Akhila Dokala, Virinchi Daram, Lasya Sree Yannam	2024 International Conference on Advances in Modern Age Technologies for Health and Engineering Science (AMATHE)	Strategies for Optimizing Underwater Optical Wireless Communication via Encoding and Detection Techniques	Shivamogga, India	16-17 May 2024	979-8-3503-7156-7		10.1109/A-MATHE61652.2024.10582209	IEEE Xplore
4.	Dr. A. Vijayasankar	Rekha Nirmala Pathapati Vallabh Sriram Charan Gupta Jupudi;	2024 2nd International Conference on Signal Processing, Communication, Power and Embedded System (SCOPEs)	Improving Parkinson's Disease Diagnosis: A Genetic Algorithm-Guided CNN Approach	Centurion University of Technology and Management, Odisha	16 May 2025	979-8-3315-0646-9		10.1109/SCOPES64467.2024.10991308	IEEE Xplore
5.	M.SUNITHA	K. Sri Santhi Priya ,N.Venkata Saiteja,G.Roshan Chowdary	Asia Pacific Conference for Innovation and Technology	Vehicle pollution monitoring system	Vidyavarthaka college of Engineering, Mysuru.	26 th to 27 th July 2024.	979-8-3503-6153-7	SCOPUS	10.1109/A-PCIT62007.2024.10673499	IEEE

6.	Dr M Padmaja	Sneha Reddy Kotha Kota, Kowshik Thulluru, ahari Vanga,	International Conference on AI Powered Technology Integration for Sustainability (AI-PTIS-2024)	Design Of Compact Sized Interdigital Band Pass Filter For Terrestrial Mobile Service	GMR Institute of Technology, Andhra Pradesh. (AIP proceedings, SCOPUS)	4th-5th July 2024	-		-	-
7.	Dr M Padmaja	Bodavula Sneha, Yarasani Kundana and Shaik Vasifa	2024 First International Conference for Women in Computing (InCoWoCo)	Deep Learning Approach for Forest Change Detection	Symbiosis Institute of Computer Studies and Research (SICSR), Symbiosis International (Deemed University), Pune, Maharashtra, India	14 – 15, November 2024	979-8-3315-1894-3	Scopus	<u>10.1109/InCoWoCo64194.2024.10863797</u>	
8.	Dr M Padmaja	Mangali Ragini, Tatineni Navyasri Rashmitha, Avula Aashritha	3rd Congress on Control, Robotics, and Mechatronics (CRM 2025)	Detecting Urban Areas in Very High Resolution Satellite Images Using CNN	SR University, Warangal, India	1-2 Feb 2025				

9.	Siva Reddy Vanga	A S Safa	and Prediction Using Satellite Images	Parallel Prefix Adders Based Linear Congruential Generator	IEEE conference, Trichirappalli, India, 2024, pp. 1-6	24-26 July 2024	979-8-3503-6908-3	Scopus	https://doi.org/10.1109/ICEE-ICT6.1591.2024.10718471	IEEE
10.	Siva Reddy Vanga	Niharika Angadala; Purna Gowtham Alajangi	2024 15th International Conference on Computing Communication and Networking Technologies (ICCCNT)	Helmet Guard: Engine Management and Accident Severity Assessment for Motorcycles	IEEE conference, Kamand, India, 2024, pp. 1-6	24-28 June 2024	979-8-3503-7024-9	Scopus	https://doi.org/10.1109/ICCCNT61.001.2024.10724091	IEEE
11.	Dr Venkata Sainath Gupta T	Kesa Vardhan chinni, rama srija karanam, narendra nagidi	International Conference on Computational Intelligence for Green and Sustainable Technologies (ICCIGST)	Deep Dive: Unveiling the Latest in Sonar Signal Classification Through the Power of Deep Learning	ICCIGST, IEEE conference, vijayawada, India	18-19 July 2024	979-8-3503-8188-7	scopus	10.1109/ICCIGST60741.2024.10717592	IEEE

12.	Dr Venkata Sainath Gupta T	Sai kiran malkapurapu, venkat guntupalli, bhanu nivas manapaka	International symposium on intelligent informatics	A Machine Learning-Based Marine Vessel/Ship Classification Using Passive Sonar Signals—A Multi-class Problem	part of book series: Smart Innovation, Systems and Technologies, PES university, bangalore, page numbers: 245-259	December 18-19, 2023	978-981-97-2146-7	scopus	https://doi.org/10.1007/978-981-97-2147-4_17	Springer
13.	Dr. V. Narasimha Nayak	G. Greeshmesh, G.Niteesh Reddy, Y. Koushik	2nd International Conference on Microwave , Antenna and Communication 2024	PLS Analysis of NOMA Network under Multiple Eavesdroppers for Collaborative and Non-Collaborative Scenarios	Dehradun, Uttarakhand, India	October 4-6, 2024				IEEE
14.	Dr.Pratikhya Raut	K. Anitha, S.Sowmya, K.Vinnu	2024 OPJU International Technology Conference (OTCON) on Smart Computing for Innovation and Advancement in Industry 4.0	Mastery Detector Through Speech	O P Jindal University, Raigarh,India	05-07 June 2024	979-8-3503-7378-3	Scopus	10.1109/OTCON60325.2024.10687555	IEEE

15.	Dr.Pratikhy a Raut	P Yamini,K Jayati Chowdary, K Nagendra Siva Kumar	4th IEEE International Conference on Artificial Intelligence and Signal Processing (AISP)-2024	PERFORMANCE ANALYSIS OF FFT(FASTFOURI ER TRANSFORM) WITH RESPECT TO DIFFERENT MULTIPLIERS	School of Electronics Engineering, VIT-AP University, Amaravati	26th -28th October 2024	2640- 5768	Scopus	10.11 09/AI SP61 711.2 024.1 08708 17.	IEEE
16.	Dr.Pratikhy a Raut	K.Anitha,S Sowmya,K. Vinnu	4th IEEE International Conference on Artificial Intelligence and Signal Processing (AISP)-2024	Speech Mastery Detection Using Advanced Natural Language Procssing (NLP) and Automatic Speech Recognition (ASR) techniques	School of Electronics Engineering, VIT-AP University, Amaravati	26th -28th October 2024	2640- 5768	Scopus	10.11 09/AI SP61 711.2 024.1 08707 38.	IEEE
17.	Dr. B Lakshmi Sirisha	N. sambasiva rao, T. Vaddavalli and S. S. Arja,	024 International Conference on Electronics, Computing, Communication and Control Technology (ICECCC)	"Design and Verification of AMBA AXI Protocol,"	Bengaluru, India, 2024, pp. 1-6	23 July 2024	979-8- 3503- 7180-2	SCOPUS	<u>10.11</u> <u>09/IC</u> <u>ECC</u> <u>C617</u> <u>67.20</u> <u>24.10</u> <u>59399</u> <u>8</u>	IEEE

18.	Dr. B Lakshmi Sirisha	E. S. Prakash, S. B. R. Kanth, P. Chaitanya	OITS International Conference on Information Technology (OCIT)	Examsecured: Steganographic Integrity for Question Papers	OITS International Conference on Information Technology (OCIT), Vijayawada, India,	29 April 2025	979-8-3315-1040-4	SCOPUS	10.11 09/O CIT6 5031. 2024. 00120 .	IEEE
19.	Dr. B Lakshmi Sirisha	B. J. Nayak, B. s. Sndhya, J. E. Rao and M. Devisri	International Conference on Recent Advances in Electrical, Electronics,	Fruit Quality Detection Using Deep Learning for Sustainable Agriculture,"	Ubiquitous Communication, and Computational Intelligence (RAEEUCCI), Chennai, India	12 June 2024	979-8-3503-5453-9	SCOPUS	10.11 09/R AEE UCCI 61380 .2024. 10548 005.	IEEE
20.	Y Sarada Devi	Ch Yasoda, G Tulasi, V Surya Teja	4th International Conference on Sustainable Expert Systems (ICSES 2024)	Diabetes Prediction using Machine Learning Classification Algorithms	Pokhara University, Nepal	15-17 October 2024	979-8-3315-4035-7	Scopus	<u>10.11 09/IC SES6 3445. 2024. 10763 285</u>	IEEE
21.	Y Sarada Devi	Anyam Chaitanya, Katari Sanjay Kumar, Potnuru	5th International Conference on Smart Electronics and Communication (ICOSEC 2024)	Proximity Breeze: Smart Fan Control System	Kongunadu College of Engineering and Technology Trichy, Tamil	18-20, September 2024	979-8-3315-0440-3	Scopus	<u>10.11 09/IC OSE C615 87.20 24.10</u>	IEEE

		Bharath Chandra			Nadu, India				<u>722136</u>	
22.	J.Sravanthi	P.Revathi,B .Yuvaraj Kumar,P.Jai Chandra	2024 International conference on Computational Intelligence for Green and Sustainable Technologies	Traffic Monitoring system for Signal duration control based on YOLOv8	ICCIGST, IEEE conference, vijayawada, India	18-19 July 2024	979-8-3503-8188-7	SCOPUS	10.1109/ICCIGST60741.2024.10717619	IEEE
23.	Dr D Venkata Rao	Ch. Charitha Sree, Md Ahsan Halimi	IEEE International Conference on Smart Power Control and Renewable Energy (ICSPCRE	Inverted Z-Slot Loaded Dual-Band Wearable Antenna for Wireless Body Area Networks	ICSPCRE, Rourkela, India, 2024	19-20 July 2024	979-8-3503-7700-2/24		10.1109/ICSPCRE62303.2024	IEEE
24.	V B K L Aruna	Jaswanth Sai Podugu, Venu Kondragunta,Pranav Parshuram Bhavirisetty,	<u>IEEE Asia Pacific Conference On Postgraduate Research In Microelectronics And Electronics (PRIMEAsia)</u>	FPGA Enabled Deep Learning Accelerator For Multiclass Electrocardiogram Classification	PRIME ASIA, Hyderabad	45602	2159-2160	Scopus	<u>10.1109/PRIMEAsia60757.2023.00023</u>	IEEE
25.	V B K L Aruna	<u>Kanikalla, K., Naikvadith</u>	2024 International Conference on	Advancement in Early Detection of Lung Cancer Using	ICICET 2024, Maharastra	7 &8 June 2024		Scopus	<u>10.1109/ICICET</u>	IEEE

		<u>e, P.K., Srinivas, V., Aruna, V.B.K.L.</u>	Innovations and Challenges in Emerging Technologies, ICICET 2024, 2024	YOLOv7					<u>59348 .2024</u>	
26.	Bindu Priya Makala	M.Naveen Babu, Md.Subhan i,Ch.Santho sh	1st International Conference on Green Industrial Electronics and Sustainable Technologies (GUEST-2024)	Detection of Apple Plant Diseases using Leaf Images through Convolutional Neural Networks	GUEST 2024,NIT Manipur	25th and 26th october 2024	979-8-3315-4014-2/24/\$31.00	IEEE, Scopus	<u>DOI: 10.11 09/GI EST6 2955. 2024. 10959 757</u>	IEEE
27.	L.Sarala	C.Swapna, S.Alekhya, Sh.Nausheen	10th International Conference on Advanced computing and communication Syatems(ICACCS)-2024	Smart Farming Farmguard:Crop Protection System	Sri Eshwar College of Engineering,Co imbatore,Tamil Nadu	14th&15th March- 2024		Scopus	10.11 09/IC ACC S608 74.20 24.10 71699 5	IEEE
28.	Dr.G.L.Madhumati	V.BHARGAVI , SK.HUSSAIN SHARIF , P.BALADI	4th IEEE International Conference on Artificial Intelligence and Signal Processing	FPGA IMPLEMENTATION OF LEADING ZERO COUNTER FOR FLOATING POINT OPERATIONS	School of Electronics Engineering, VIT-AP University, Amaravati	26th -28th October 2024	2640-5768	Scopus	10.11 09/AI SP61 711.2 024.1 08706 81	IEEE

		TYA	(AISP)-2024							
29.	B Sujitha	Mouna Suma M , Divya poojitha M ,Haswanth Krishna Ch	4th International confrence on Sustainable Expert system (ICSES)	A CNN Centric Approach to Acute Lymphoblastic Luekemia Detection	ICSES IEEE conference	15-17 Oct 2024	979-8-3315-4036-4	Scopus	10.1109/ICSES63445.2024.10763005	IEEE
30.	Dr. V.Saritha	A. Ramesh Babu,Md. Ahsan Halimi,E. V. V. Nagavamsi, Md. Nashiya Naaz	2024 Second International Conference on Microwave, Antenna and Communication (MAC)	Design and Development of 2.45 GHz Operated Microwave Rectifier Circuit for Energy Harvesting Applications	DEAL, DRDO, India IIT Roorkee, India NIT Uttarakhand, India VMSB UTU (THDC-IHET), Uttarakhand, India MNNIT ALLAHABAD , India	October 4-6, 2024	979-8-3503-5010-4/24	Scopus	10.1109/MAC61551.2024.10837440	

31.	Dr.A.Jhansi Rani	Poonam.I; Sandhya.P; Gowtham.T	International Conference on Signal Processing and Advance Research in Computing (SPARC),	Advancements in Filtering Antenna Designs for Modern Wireless Communication Systems	Amity School of Engineering and Technology, Amity University, Lucknow, U.P., India	12-13 September 2024	ISBN Information: Electronic ISBN:979-8-3503-8520-5 Print on Demand(PoD) ISBN:979-8-3503-8521-2	Scopus	DOI: 10.1109/SPARC.2024.10829208	
32.	Dr.A.Jhansi Rani	Venkata Karthik Reddy. M; Hema Varshini. M; Jaya Rama Krishna Shabareesh. J	2nd International Conference on Signal Processing, Communication, Power and Embedded System (SCOPEs),	Compact Optically Transparent Forty-Element MIMO Antenna for mm-Wave 5G Applications	Centurion University ,Odisha India	19-21 December 2024.		IEEE		

33.	Mrs.K.Lakshmi Sowjanya	Sunkara Baby usha,Purushottam Vamsi Nagendra,Sammetha Urvasi Mani	22nd OITS International Conference on Information Technology	Enhancing Digital Circuit Efficiency with Memristor-CMOS Hybrid Technology	SRM,AP	12-14 December 2024	979-8- 3315- 1040-4	SCOPUS	10.11 09/O CIT6 5031. 2024. 00117	IEEE
34.	Dr G Kishore Kumar	Jayanth Kumar Mahankali, Sankula Sri Naga Sai Venkata Durga Prasad, Sabhavath Bhavana Bai, Chinnapura pu Naga Raghuram	2024 First International Conference on Electronics, Communication and Signal Processing (ICECSP)	ASIC Implementation of FIR Filter Using 16x16 Hybrid Vedic-Dadda Multiplier for ECG- Denoising	NIT- Delhi, New Delhi, India.	08-10 August 2024	979-8- 3503- 6459-0	SCOPUS	10.11 09/IC ECSP 61809 .2024. 10698 742	IEEE
35.	Dr G Kishore Kumar	Jayanth Kumar Mahankali, Shaik Henna Yasmine,	2024 International Conference on Intelligent Computing and Emerging	Approximate squaring circuits for error-resilient applications	SRM-AP, Guntur, India.	23-25 November 2024	979-8- 3315- 0843-2	SCOPUS	10.11 09/IC EC59 683.2 024.1 08374	IEEE

		Anupoju Jahnvi, Chinnapura pu Naga Raghuram	Communication Technologies (ICEC)						69	
36.	Dr. Chinnapura pu Naga Raghuram	Gundugonti Kishore Kumar, Vejandla Sreeja, Chelli Tharani, Akiri Vivaswanth , N V L Narasimha Murty	2024 International Conference on Computer, Electronics, Electrical Engineering & their Applications (IC2E3)	Efficient Approximate Adder Design for Image Brightness Enhancement: Balancing Area, Power, and Delay	NIT Uttarakhand, Sri nagar Garhwal, Uttarakhand, India	06-07 June 2024	979-8-3503-8853-4	SCOPUS	10.11 09/IC 2E36 2166. 2024. 10827 439	IEEE
37.	S Teena mrudula	Ramya sri Maturi,Raju Javvadi, Vignesh Naga Manikanta sunkara	2024 5th International Conference on Smart electronics and communication	Adaptive Huffman Coding with Memory Optimization	KNCET ,TAMI LNADU	18-20 september 2024	979-8-3315-0439-7	SCOPUS	10.11 09/IC OSE C615 87.20 24.10 72223 8	IEEE
38.	Dr. V.Saritha	Sri Lakshmi Bhargavi Chitturi,Ay	2025 IEEE International Students' Conference on	A COMPACT QUAD-BAND PLANAR ANTENNA	MAULANA AZAD NATIONAL INSTITUTE	18-19 January 2025	979-8-3315-2983-3	SCOPUS	10.11 09/SC EECS 64059	IEEE

		esha Muskaan Bandlapalli. Sandhya Thothu,Tej a Sri DasariSride vi Dasam	Electrical, Electronics, and Computer Science	FOR LoRa IoT APPLICATIONS	OF TECHNOLOG Y, BHOPAL				.2025. 10940 261	
39.	Dr. BALL MUKUND MANI TRIPATHI	NHN Kumar, SK Sharif, KS Chand, R Santosh	2024 2nd World Conference on Communication & Computing (WCONF), 1-7	<u>Enhancing Microbes Prediction Accuracy Through Advanced Deep Learning Models</u>	2024 2nd World Conference on Communicatio n & Computing (WCONF), 1-7	2024-7-12		SCOPUS	doi: 10.11 09/W CON F613 66.20 24.10 69220 8.	IEEE
40.	Dr. BALL MUKUND MANI TRIPATHI	NHN Kumar, SK Sharif, KS Chand, R Santosh	2024 2nd World Conference on Communication & Computing (WCONF), 1-6	Prediction of Multiple Microbes Present in Single Image Using Advanced Deep Learning Models	024 2nd World Conference on Communicatio n & Computing (WCONF), RAIPUR, India, 2024, pp. 1-7	2024-7-12		SCOPUS	doi: 10.11 09/W CON F613 66.20 24.10 69207 6.	IEEE
41.	<u>Dr.SK Khaleelahm ed</u>	Gorla Naga Devi Sri, Mandem	<u>2024 International Conference on</u>	A CNN-BASED HANDWRITTEN ENGLISH	2024 International Conference on	15-16 November 2024	979-8- 3315- 4234-4	SCOPUS	<u>https://doi.org/10.</u>	IEEE

		Srujanasree , Shaik Shafiya	<u>Cybernation and Computation (CYBERCOM)</u>	CHARACTER RECOGNITION	Cybernation and Computation (CYBERCOM) , Dehradun, Pp:399-403,				<u>1109/ CYB ERC OM6 3683. 2024. 10803 137</u>	
42.	G Venkatasub baiah	Kodali Radha Devineni Anusree Kollipara Navya Sri	2024 first International Conference on Pioneering Developments in Computer Science and Digital Technologies (IC2SDT)	Diagnosing Cardiac abnormalities from PCG using Raw Waveform driven STFT layered convolutional neural network.	2024 first International Conference on Pioneering Developments in Computer Science and Digital Technologies (IC2SDT)	2nd - 4th August 2024	979-8- 3503- 6501- 6/24/\$31 .00 (c) 2024 IEEE	SCOPUS	DOI: 10.11 09/IC 2SDT 62151 .2024. 10696 253	IEEE
43.	Dr. V. NARASIM HA NAYAK	JK Sandilya, K Charan, MR Prasanth	2024 2nd International Conference on Recent Trends in Microelectronics , Automation, Computing and Communications Systems (ICMACC)	Exploring Jammer Techniques for Improving Secrecy in SWIPT Aided NOMA Networks	2024 2nd International Conference on Recent Trends in Microelectronic s, Automation, Computing and Communicatio ns Systems (ICMACC),18t	18th - 21st December 2024	ISBN:97 9-8- 3503- 6657-0	SCOPUS	DOI: 10.11 09/IC MAC C629 21.20 24.10 89409 6	IEEE

					h - 21st December 2024, Hyderabad, Pages:677-682					
44.	V B K L ARUNA	K.ViswaTej a,D.Supriya ,K.Bindhu Jahnavi	1st international conference on computing,scien ces and communications (ICCSC-2024)	OPTIMIZING THE EARLY DETECTION OF HEART DISEASE WITH IMPROVED FEATURE SELECTION USING MACHINE LEARNING MODEL	ABES Engineering College,UP,Ind ia	24-25 October 2024	979-8- 3503- 5364-8	SCOUPU S	10.11 09/IC CSC6 2048. 2024. 10830 387	IEEE
45.	Siva Reddy Vanga	Thontla Nagarjuna Reddy,Chal ibindi Venkatesh, Bolla Hari Sai Chandu	2024 5th IEEE Global Conference for Advancement in Technology (GCAT)	Efficient Cattle Health Monitoring Using a Compact AI Model	2024 5th IEEE Global Conference for Advancement in Technology (GCAT),NCET ,Bangalore, India. pp. 1-6	04-06 October 2024	979-8- 3503- 7668-5	IEEE, Scopus	https:/ /doi.o rg/10. 1109/ GCA T629 22.20 24.10 92405 8	IEEE

46.	Bindu Priya Makala	Rajya Lakshmi Avalareddy (228W1A0404), Pushpavathi Tokala(228W1A0462), Prudhvi Maradani(228W1A0445)	International Conference on Trends in Material Science and Inventive Materials (ICTMIM-2025)	ESP32-CAM-Based Wireless Human Detection System with PIR Sensor and Instant Alerts via GSM and Blynk App	Proceedings of the International Conference on Trends in Material Science and Inventive Materials (ICTMIM-2025), Rohini College of Engineering and Technology (RCET), Kanyakumari, Tamil Nadu, 1547-1551	7th to 9th, April 2025	979-8-3315-0148-8/25/\$31.00	IEEE, Scopus	<u>10.1109/IC TMI M65579.2025.10988057</u>	IEEE
47.	Mrs.L.Sarala	Bhuvaneshwar Sangepu, Kumar Swami Poduri, Mohan Krishna Sudhabattula	2024 International Conference on Integration of Emerging Technologies for the Digital World (ICIETDW), Chennai, India,	Enhancing Cognitive Radio Network Performance through Channel Selection Algorithm	2024 International Conference on Integration of Emerging Technologies for the Digital World (ICIETDW), Chennai, India,	13-14 September 2024	979-8-3315-4118-7	IEEE, Scopus	<u>10.1109/IC IETD W61607.2024.10941352</u>	IEEE

			2024, pp. 1-6		2024, pp. 1-6, doi: 10.1109/ICIET DW61607.2024 .10941352. Date Added to IEEE Xplore: 31 March 2025					
48.	Dr.P.Sarah Suhasini	K.Lavanya Lahari, M.Pranathi, K.Sri Krishna Adithya	4th International Conference on Emerging Electronics and Automation	Detection and Localization of Renal Cancer using Deel Learning	NIT Silchar, Assam	9-11 December 2024		Scopus		Springer
49.	Dr.P.Sarah Suhasini	Talabattula Syam Vara Prasad, Siriparapu Tatvik Shree Karthik, Gochipatha la Sanddep	12th International Conference on Signal Processing and Integrated Networks	Application of Deep Learning Algorithms for Land use and Land Cover Change Detection	Amity University, U P	20-21 February 2025		Scopus		Springer

50.	Dr.P.Sarah Suhasini	Talabattula Syam Vara Prasad, Siriparapu Tatvik Shree Karthik, Gochipatha la Sanddep	2 nd International Conference on Emerging Advances and Applications in Green Energy (ICEAAGE- 2025)	An Overview of Developments in Autonomous Weed Management Systems	P V P IT, Vijayawada	25th February 2025	978-93- 341- 9524-8			
51.	Dr. Chinnapura pu Naga Raghuram	Rahul Priyadarshi; Piyush Rawat; Tiansheng Yang; Rajkumar	The 2024 World Congress in Computer Science, Computer Engineering, & Applied Computing (CSCE'24)	Optimizing Wireless Sensor Network Node Placement Using Bacterial Foraging Optimization	The 2024 World Congress in Computer Science, Computer Engineering & Applied Computing (CSCE'24), July22-25, Las Vegas, USA. Communicatio ns in Computer and Information Science ((CCIS,volume 2254)), 27 April 2025 pp	22-25 July	978-3- 031- 86636-4	Springer Cham	DOIh ttps:// doi.or g/10. 1007/ 978- 3- 031- 85923 -6_14	Springer Cham

					566–575. DOI https://doi.org/10.1007/978-3-031-85923-6_14 Publisher: Springer					
52.	K.Sneha	Ch. Mahesh, A.Samuel, B.Surya Teja	Second international conference on advances in modern age technologies for health and engineering Science(AMAT HE 2025)	A Compact Pharaonic Ankh key array antenna for millimeter wave applications	Shivamogga, Karnayaka, India	24-25 April 2025		IEEE		IEEE
53.	K.Sneha	N.Jnana Phaneendra Sathiraju, K.harish Sai kurra, NVS	5th International Conference on Trends in Material Science and Inventive Materials(ICTM	Compact Annular slot antenna for millimeter wave MIMO applications	Rohini Engineering College and Technology, Kanyakumari, Tamilnadu	7-9 April 2025	ISBN:97 9-8-3315-0149-5	IEEE	https://doi.org/10.1109/ICTMIM65	IEEE

		Siddhartha	IM-2025)						<u>579.2</u> <u>025.1</u> <u>09880</u> <u>85</u>	
54.	<u>Dr.Ch.Raghavendra</u>	CH.V.Sri Charan,K. Vyshnavu Babu,J.Sreeja	4th International Conference on Intersiplinary Research in Technology and Management	Microstrip Patch Antenna Utilising AMC Technology for Sub 6GHz Applications	IEM Chennai	5-7 Dec 2024		IEEE		IEEE
55.	<u>Dr.Ch.Raghavendra</u>	V.Ajay,K. VenkataChalam,V.Vamsi	4th International Conference on Intersiplinary Research in Technology and Management	Dsign and Implementation of Two Elementry DRA Array For wireless Communication Applications	IEM Chennai	5-7 Dec 2024		IEEE		IEEE
56.	<u>Dr.Ch.Raghavendra</u>	K Saranya,CH .Karthik,L Vineeth,G. Paradasara dhi	4th International Conference on Artificial Intelligence and Computational Electronics and communicaion systems	Miniaturization of circularlt polarised crossed dipole with High Input Impedance usinfg AMC For Sub 6GHz	Manipal Insistitute of Technology Jaipur	12-14 Dec2024		IEEE		IEEE
57.	Mr. G. Hema Kumar	Naga Lakshmi Bellamkonda, Hema	5th International Conference on Pervasive Computing and	A Feature Exchange and Integration-Based CNN-BiLSTM	R P Sarathy Institute of Technology, Salem, Tamil	14-16, May 2025	Presented	IEEE		IEEE

		Kumar Goru, Bhavani Solasuttu, Vasudeva Rao Gangu	Social Networking ICPCSN 2025	Network for EEG Denoising	Nadu, India					
58.	Mr. G. Hema Kumar	Lakshmi Nandini Thota, Hema Kumar Goru, Chandini Kaki, Krupa Sagar Thota	5th International Conference on Pervasive Computing and Social Networking ICPCSN 2025	A Hybrid CNN-GRU model with Attention Mechanism for the detection of Epileptic seizures in EEG Signals	R P Sarathy Institute of Technology, Salem, Tamil Nadu, India	14-16, May 2025	Presented	IEEE		IEEE
59.	Mr. G. Hema Kumar	Gnaneswari Sirigudi, Hema Kumar Goru, Nanda Kishore Reddy Gadi, Sai Meghana Penumaka,	3rd International Conference on Inventive Computing and Informatics ICICI 2025	Multi-channel EEG Signal Analysis for Mental Arithmetic Task Classification Using Hybrid CNN- LSTM Model	S.E.A College of Engineering and Technology, Bangalore, Karnataka, India	4-6, June 2025	Presented	IEEE		IEEE

60.	Mr. G. Hema Kumar	Naga Lakshmi Bellamkonda, Hema Kumar Goru, Bhavani Solasuttu, Vasudeva Rao Gangu	6th International Conference on Data Intelligence and Cognitive Informatics ICDICI-2025	A Hybrid Residual CNN and Multi-Head Self-Attention Network for Denoising Muscle Artifacts in EEG Signals	SCAD College of Engineering and Technology, Tirunelveli, Tamil Nadu, India	9-11 July 2025	Accepted & Registered	IEEE		IEEE
61.	Mr. G. Hema Kumar	Lakshmi Nandini Thota, Hema Kumar Goru, Chandini Kaki, Krupa Sagar Thota	6th International Conference on Data Intelligence and Cognitive Informatics ICDICI-2025	A Deep Hybrid ResCNN and SE-Attention Enhanced BiGRU Framework for Robust Epileptic Seizure Detection from EEG Signals	SCAD College of Engineering and Technology, Tirunelveli, Tamil Nadu, India	9-11 July 2025	Accepted & Registered	IEEE		IEEE
62.	Bindu Priya Makala	Nagisetty Keerthana(228W1A04H0), Shaik Yasin(228W1A04I5), Vadrevu Sai Suchitha(22	Third International Conference on Augmented Intelligence and Sustainable Systems (ICAISS-2025)	Tooth Segmentation Using U-Net	CARE College of Engineering, Trichy, Tamilnadu	21-23 May 2025	979-8-3315-0723-7	IEEE		IEEE

		8W1A04J1)								
63.	Bindu Priya Makala	M.Naveen Babu, Md.Subhan i,Ch.Santho sh	3rd International Conference on Inventive Computing and Informatics(ICI CI 2025)	Deep Learning- Based Paddy Leaf Disease Classification Using EfficientNetB5	S. E. A College of Engineering and Technology, Bangalore, Karnataka, India	4-6, June 2025	979-8- 3315- 3829-3	IEEE		IEEE
64.	Lakshmi Sowjanya Koneru	Yampalaku Pallavi,Dr. Prakash Kodali	International Conference on Computational Robotics, Testing and Engineering Evaluation – ICCRTEE 2025	A Novel Design of Power-Efficient and Accurate Approximate Multiplier using Approximate Compressors and Approximate Adders	kalasalingam Academy of Research and Education, Deemed to be University, Anand Nagar, Krishnankoil,Sr ivilliputtur	28th-30th, May 2025				IEEE
65.	Dr. Ravi Raja A	Venkata Ratna Prabha K. Dasam S, Yallamanda iah S.; Usha Rani M, Pushpavath	4th International Conference on Innovative Sustainable Computational Technologies	Raspberri-Pi A cost effective system for real time number plate recognition using rear view camers	Graphic Era University	27-12-24 to 28-12-24	Accepte d and Presente d	IEEE and Scopus		IEEE

		i, Aravapalli V.								
66.	Dr. Ravi Raja A	Yasodha Namo Venkat Ruth Violet Yallamanda iah Sridevi Dasam	3rd International Conference on Inventive Computing and Informatics (ICICI-2025)	Innovations in Brain Volume Estimation A multi-method perspective	SEA college of Engineering and Technology	6/4/2025 to 6/6/2025	Accepted and Presented	IEEE and Scopus		IEEE
67.	Dr. Ravi Raja A	Ram mohith Sk Shaman Harshith Judy Simon Kapileswar	2025 International Conference on Electronics and Renewable Systems (ICEARS)	A Review of Skin Cancer Detection : Methodologies, Evaluation Metrics, Research Challenges and Future Scope	St Mother Theresa Engineering College	11 Feb 2025 to 13 Feb 2025	979- 8331509 67-5	IEEE and Scopus	10.11 09/IC EAR S642 19.20 25.10 94083 7	IEEE
68.	Dr. Ravi Raja A	Satya Vyshnavi Sai Kumar Gayathri Judy Simon Sridevi Dasam	7th International conference on Intelligent sustainable systems ICISS	PSO-Optimized AlexNet for Automated Sleep Stage classification using Single Channel EEG	SCAD College of Engineering College	3/12/2025 to 3/14/2025	Accepted and Presented	IEEE and Scopus		IEEE

69.	Siva Naga Malleswari N	Pakala Munisankar , Ippili Mouneshha Kondaveti Rohini	Intelligent and Innovative Technologies in Computing, Electrical and Electronics (IITCEE), International Conference	Convolution Neural Networks for Multi-Channel EEG Based Sleep Stage Classification	BNM Institute of Technology, Bengaluru, India	16/01/25 to 17/01/2025		IEEE and Scopus	<u>10.11</u> <u>09/II</u> <u>TCEE</u> <u>64140</u> <u>.2025</u>	IEEE
70.	Dr. K. Shri Ramtej	Banudevapuram Sai Spandana; Jupudi Keerthana; Tangudu Rajitha	7th International Conference on Signal Processing, Computing and Control (ISPCC)	Enhanced Central Sleep Apnea Detection Using a Hybrid Deep Learning Model with EEG Signals	Jaypee University of Information Technology, Solan, India, pp. 758 - 763	06-08 March 2025	979-8-3315-3893-4	Scopus	10.11 09/IS PCC6 6872. 2025. 11039 602	IEEE

S.No .	Name of Faculty	Name of Co-Author(Mention if it is student UG/PG) and roll number	Title of Book Chapter/ Lecture series	Name of Proceedings of Conference if any/mention Nil if not from conference	Title of paper	Date & Year	Place of Organising/institute name if any	Indexing	Vol Number/ ISBN number	Name of publisher
1	S Teena Mrudula	M Ramya Sri, J Raju, Vignesh Naga Manikanta	Computer Science Engineering Volume2	international conference on computing and intelligent information systems	FPGA based GSM controlled pacemaker system using verilog	19-20 April 2024	BNMIT ,Bangalore	scopus	volume 2 /9781003 565024	Taylor & Francis Group
2	Sunkara Teena Mrudula	Jayaprakash Devanaboina, Muzammil Shareef Shaik , Leela Krishna Gumma ,	Data Science & Exploration In Artificial Intelligence		Automated no parking vehicle detection system			scopus	volume1 9781003 587392	Taylor & Francis Group

3	<u>Dr.Ch.Ragha</u> <u>vendra</u>	M.Raghava, SK.Basha,N.S anjay	Emerging Electronics and Automation	Third International Conference on E2A 2023	S-Band Circularly Polarised Rectangular DRA for Sub-6GHz Frequency in Radar Applications	16-12- 2024	NIT-Sichar	Scopus	<u>ISBN</u> <u>978-981-</u> <u>97-6801-</u> <u>1</u> <u>ISBN</u> <u>978-981-</u> <u>97-6802-</u> <u>8</u>	Springer Nature
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