

Department of ECE
Publications AY 2023-24
INTERNATIONAL JOURNALS

Faculty

SCI: 24[Q1:07, Q2:11, Q306:.,Q4:00]

S.No.	Name of Faculty	Name of Co-authors	Roll numbers of students if they are co-authors UG/PG (Mention Nil if co-authors are not students)	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)	Quart ile Factor of the Journal
1.	Dhulip alla Venkata Rao	Priyanka Das, Madhav BTP	nil	A metasurface integrated shared aperture antenna for Sub-6 GHz applications	Engineering Research Express,IOP science publisher		Volume 5, Number 3	11-august-2023	DOI 10 .1088/2 631-8695/aced36	SCI	Q3

2.	Dhulip alla Venkat a Rao	Shaik Sajiha, Kodali Radha, Nammi Sneha, Suryanaray ana Gunnam, Durga Prasad Bavirisetti	nil	Automati c dysarthria detection and severity level assessme nt 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	Q2
3.	Dr Shaik Fayaz Ahamed	Dr N Satyanaray ana Murthy	Nil	Water quality monitoring and measuring physicoche mical parameters using wireless sensor networks	African Journal of Aquatic Science		Volume4 8, Issue:4, PP 366- 373,	13- 12- 2023	10.298 9/1608 5914.2 023.22 77955	SCI	Q2

4.	Dr. B LAKS HMI SIRIS HA	Shaik Fayaz Ahmed, VBKL ARUNA	Nil	Patient Data Hiding and Transmittin g during COVID-19 for Telemedicin e Application using Image Steganograp hy	Current Medical Imaging		VOL:20, ISSUE:3, ISSN:157 3-4056, PAGE NUMBE R: 1-8, BENTHA M SCIENC E PUBL LTD	11.06. 2024	10.217 4/0115 734056 276785 240229 073917	SCI	Q2
5.	K. Shri Ramtej	Naim Ben Ali, Venkata Sainath Gupta T, Srikar D, Pavel Trojovsk, Vijaya Durga Chintala	NIL	On companding techniques for PAPR reduction in DCT SC- FDMA system in the presence of CFOs	Alexandria Engineering Journal		Volume 79, Online ISSN: 2090- 2670, Pages 34- 43, Elsevier	05- 08- 2023	https:// doi.org /10.101 6/j.aej. 2023.0 7.061	SCI	Q1

6.	Vara Prasad kudumu	B. Srikanth, Lakshmikanth Paleti, K. Kranthi Kumar , Sunitha Pachala	Nil	Graph-based zero-shot learning for classifying natural and computer-generated image	<i>Multimedia Tools and Applications</i>		Volume 2024 springer	20-jan-2024	https://link.springer.com/article/10.1007/s11042-023-18026-6	SCI	Q1
7.	Md Ahsan Halimi	Priya Ranjan Meher, Sanjeev Kumar Mishra	Nil	A Low-Profile Compact Broadband CP DRA for RF Energy Harvesting Applications	IETE Journal of Research		Taylor & Francis	25-07-2023	https://doi.org/10.1080/03772063.2023.2237469	SCI	Q3
8.	Md Ahsan Halimi	Taimoor Khan, Ahmed A Kishk, Yahia MM Antar	Nil	Efficient rectifier circuit operating at N78 and N79 sub-6 GHz 5G bands for microwave energy-harvesting and power	International Journal of Microwave and Wireless Technologies		Cambridge University Press	25-10-2023	10.1017/S1759078723001162	SCI	Q3

				transfer applications							
9.	Venkata Sainath Gupta T	Sudhakar T, Niels K. Focke	Nil	A 3D Sparse Autoencoder for Fully Automated Quality Control of Affine Registrations in Big Data Brain MRI Studies	Journal of digital imaging - Journal of Imaging Informatics in Medicine		0897-1889, Springer	10-01-2024	https://doi.org/10.1007/s10278-023-00933-7	SCI	Q1
10.	Vanka Saritha	C.Chandrasekhar	Nil	A miniaturized-slotted planar MIMO antenna with switchable configuration for dual-/triple-band notches	AIP Advances		14(2), 025039	21-02-2024	10.1063/5.0190950	SCI	Q2

11.	Kodali Radha	Mohan Bansal, Ram Bilas Pachori	Nil	Speech and speaker recognition using raw waveform modeling for adult and children's speech: A comprehensive review	Engineering Applications of Artificial Intelligence		131, 0952-1976, Elsevier	02-01-2024	https://doi.org/10.1016/j.engappai.2023.107661	SCIE	Q1
12.	Kodali Radha	Mohan Bansal Venkata Rao Dhulipalla	NIL	Variable STFT Layered CNN Model for Automated Dysarthria Detection and Severity Assessment Using Raw Speech	Circuits, Systems, and Signal Processing		1531-5878, Springer	22-02-2024	https://doi.org/10.1007/s00034-024-02611-7	SCIE	Q2

13.	Dr.Pratikhya Raut	Deepak Kumar Panda, Umakanta Nanda, Chih-Chief Hsu	Nil	Simulation and Modeling of high-sensitive JL-TFET based biosensor for label free detection of biomolecules	Microsystem Technologies		1432-1858 (ISSN number), Springer publisher	04-05-2024	https://doi.org/10.1007/s00542-024-05638-7	SCI	Q2
14.	Dr. V. Narasimha Nayak	Dr. Kiran Kumar Gurralla	NA	Secrecy Enhancement in AF Relaying Assisted SWIPT-NOMA via Power Optimization and Control-Jamming	Wireless Personal Communications (Springer)		135 pages:431-450, ISSN:0929-6212, Springer	29-04-2024	https://doi.org/10.1007/s11277-024-11057-8	SCI	Q2
15.	V B K L ARUNA	Neelima Gullipalli, Veerraju Gampala, Balajee Maram	NIL	Diabetic retinopathy detection with fundus images based on deep model enabled chronologic	Multimedia Tools and Applications		ISSN 573-7721, SPRINGER	27-04-2024	10.1007/s11042-024-19241-5	SCI	Q1

				al rat swarm optimization							
16.	Dr.Pratikhya Raut	Nelaturi Nagendra Reddy, Deepak Kumar Panda	Nil	GSE AND GWE Techniques to improve ON current and Ambipolar Conduction of TFET Device - A Comprehensive review	Micro and Nano Structures		Volume no - 191, page no - 207864, Elsevier Publisher	08-05-2024	https://doi.org/10.1016/j.micrna.2024.207865	SCI	Q1
17.	Dr.SK Khaleelahmed	Dr. N Venkateswara Rao	Nil	Energy-aware power allocation using Ladybug Beetle Honey Badger Optimization in multiple-input multiple output- non-orthogonal	International Journal of Communication Systems		Volume no.37, Issue no.9, ISSN no. 1074-5351, Page No.1-19 , Wiely	20-03-2024	https://doi.org/10.1002/dac.5761	SCI	Q2

				multiple access with multiple users							
18.	BALL MUK UND MANI TRIPA THI	R Santosh, S Chandra, V Kumar, BMM Tripathi, & P Kumar	NA	The structural, stability, electronic, optical and thermodynamic properties of MoX ₂ (X= S, Se, and Te) under hydrostatic pressures : A Plasmon approach and first-principle study	Journal of Molecular Modeling		Volume 30 Issue 99 Pages 8	11-03-2024	Springer, https://doi.org/10.1007/s00894-024-05887-3	SCI	Q3

19.	Dr M Padmaja	M Kondaiah		Enhancement of Eurasian oystercatcher optimiser for spectral efficiency maximization in massive MIMO systems through optimal power allocation	International Journal of Ad Hoc and Ubiquitous Computing (IJAHUC)		Vol. 46, No. 1, , pp 1-13, https://doi.org/10.1504/IJAHUC.2024.138745 . Inderscience,	May, 2024	138745	SCIE	Q3
20.	Dr M Padmaja	V B K L ARUNA		Accelerating deep convolutional neural network on FPGA for ECG signal classification	Microprocessors and Microsystem		Volume 103, ISSN 0141-9331 https://doi.org/10.1016/j.micpro.2023.104939	Sep 2023	104939	SCI	Q2

21.	V B K L ARUN A	B SRINIVAS , B ANIL KUMAR, N LAKSHMI DEVI	NIL	A fine-tuned transformer model for brain tumor detection and classificatio n	MULTIME DIA TOOLS AND APPLICAT IONS		SPRING ER	18- Jun- 24	10.100 7/s110 42- 024- 19652- 4	SCI	Q2
22.	Dr. Gunna m Suryan arayan a	Ramtej, K. S., Reddy, D. S., Prasad, P. E. S. N., Prasad, A., & Srikanth, K. M. R. K	NIL	Deep interpolatio n based hyperspectr al- multispectra l image fusion via anisotropic dependent principal component analysis.	<i>Multimedia Tools and Applications</i> ,		SPRING ER	16 April 2024	https:// doi.org /10.100 7/s110 42- 024- 19132- 9	SCI	Q2

23.	Dr. Gunnam Suryanarayana	Nimmagadda, Satyanarayana Murthy, Gangu Bharath Kumar, Ganta Anudeep, and Gedela Vinay Sai.	NIL	A Comprehensive Survey on Diabetes Type-2 (T2D) Forecast Using Machine Learning	<i>Archives of Computational Methods in Engineering</i>		SPRINGER	07 February 2024	https://doi.org/10.1007/s11831-023-10061-8	SCI	Q2
24.	Dr N Satyanarayana Murthy			Design of an edge-truncated patch antenna (ETPA) for near-range vehicular RADAR applications	AIP advances	Volume 14, Issue 1 January 2024	AIP publishing			SCIE	Q3

Student Journals:

SCI -01 [Q1:01, Q2:00, Q3:00,Q4:00]

S.No.	Name of Faculty	Name of Co-authors	Roll numbers of students if they are co-authors UG/PG (Mention Nil if co-authors are not students)	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)	Quartile Factor of the Journal
1.	Dr. Gunnam Suryanarayana	Venkata Sainath Gupta T, K. ShriramTej ,C. Karthik, V. Siva Reddy, V. Bhuvana Sahithi, Y. Anitha, V. Yogitha and P. Reshma Valli	UG - 188W1A04 M7, 4N0, 4M8, 4L3	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	Q3

Faculty
 SCOPUS:07 [Q1:01, Q2:00, Q3:05,Q4:01]
 ESCI:01[Q4]

S.No.	Name of Faculty	Name of Co-authors	Roll numbers of students if they are co-authors UG/PG (Mention Nil if co-authors are not students)	Title of paper	Name of Journal	Details of publication s(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/ESCI/UGC/Other s)	Quartile Factor of the Journal
1.	Dr M Padmaja	M Kondaiah		Design a hybrid meta-heuristic algorithm for optimal multicell-MMSE to maximize the spectral efficiency in massive MIMO systems	Journal of Optical Communications	De Gruyter	Feb-24	https://doi.org/10.1515/joc-2023-0271	scopus	Q3

2.	Dr. P. Satyanarayana	Aditya Mudigonda, Usha Devi Yalavarthi	nil	IDEAL: an inventive optimized deep ensemble augmented learning framework for opinion mining and sentiment analysis	Social Network Analysis and Mining	Volume 14, article number 89, April 2024, Springer	17-04-2024	10.1007/s13278-024-01249-2	ESCI and Scopus	Q1
3.	Dr. P. Satyanarayana	Hareesha D, Shaik Fayaz Ahmed	Nil	A novel multi-level clustering mechanism using heuristic approach for secure data transmission in WSN sector with various trust computation	Intelligent Decision Technologies	vol. 17, no. 4, pp. 1417-1433, IOS Press	20-11-2023	10.3233/IDT-220314	ESCI and Scopus	Q3

4.	K.Sneha	Vipul Agarwal	Nil	Review on millimeter wave antenna for future 5G device	International Journal of INTELLIGENT SYSTEMS AND APPLICATIONS IN ENGINEERING	ISSN:2147-67992147-6799, 11(3), 56-69, Elsevier	02-07-2023	02-07-2023	Scopus	Q3
5.	Dr Shaik Fayaz Ahamed	Hareesha, D. Satyanarayana P	Nil	A novel multi-level clustering mechanism using heuristic approach for secure data transmission in WSN sector with various trust computation	Intelligent Decision Technologies	vol. 17, no. 4, pp. 1417-1433, 2023	20-11-2023	10.3233/IDT-220314	ESCI	Q4
6.	k.premchand	p.hari krishna	nil	A dual-band FSS-based electromagnetic shield for 5G and 6G applications	International Journal of Electronics Letters	DOI: 10.1080/21681724.2023.2267208	04-10-2023	DOI: 10.1080/21681724.2023.2267208	scopus	Q3

7.	k.premchand	p.hari krishna	nil	A double- layered C- band frequency- selective surface bandstop filter for maritime communicatio n	International Journal of Electronics Letters	DOI: 10.1080/21 681724.202 4.2327092	07-03- 2024	DOI: 10.1080/ 2168172 4.2024.2 327092	scopus	Q3
8.	Bandi Alekhya	Padala Srinivas, , Mannava Srinivasa Rao , G. Vijaya Kumar , Haritha Thotakura	nil	A FLEXIBLE ECE- SHAPED HIGH GAIN ANTENNA ARRAY FOR WEARABLE APPLICATIO NS	ARPJ Journal of Engineering and Applied Sciences	VOL. 19, NO. 4, ISSN 1819- 660	FEBR UARY 2024	jeas_022 4_9402. pdf (arpnjour nals.org)	scopus	Q4

Students

SCOPUS:02 [Q1:00, Q2:00, Q3:01,Q4:01]

S.No.	Name of Faculty	Name of Co-authors	Roll numbers of students if they are co-authors UG/PG (Mention Nil if co-authors are not students)	Title of paper	Name of Journal	Details of publication s(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)	Quartile Factor of the Journal
1.	Dr.A.Jhansi Rani	S. Navya Vijaya Lakshmi, V.Saritha	208W1D4602	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	Q3
2.	Ch Raghavendra	Kancharla. Naveen,V. Pradeep, K. Vamsi Reddy, & V. Joshi Manikiran	198w1a04e5,f6,g9,g2	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	Q4

INTERNATIONAL CONFERENCES

Faculty: 22

S.No.	Name of the Faculty	Name of co-authors	Roll numbers of students if co-author is student	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	Indexing	DOI	Publisher
1.	Annapurna kanakamedala	Indira, Marlin, Anusree, Gokula krishnan, Phani sai kumar	NIL	A Novel Prediction of Alzheimer's Disease by using Artificial Intelligence	7th international conference on Intelligent Computing and control Systems (ICICCS .2023)	ISBN Number: 979-8-3503-9725-3	May 17-19 2023.	IEEE Date Added to IEEE Xplore: 08 June 2023	https://doi.org/10.1109/ICICCS5696.2023.10142268	IEEE

2.	Dr. Jasti Sateesh	Tummalapalli Mounika; Sai Baba Vemula; Puppala Lakshmi Usha; Shaik Afroz	NA	An exhaustive review on recent advancements in paper-based microfluidic device for malaria diagnosis	2023 IEEE Devices for Integrated Circuit (DevIC)	Kalyani University	08-Apr-23	Scopus	0.1109/DevIC57758.2023.10134777	IEEE
3.	B SUJITHA	NIL	NIL	Enhancement of Throughput and Energy Efficiency using Enhanced Dynamic Power Consumption MAC protocol in MANET	International Conference on Sustainable Emerging Innovations in Engineering and Technology	ABES Engineering College, Ghaziabad, UP, India	14-15, September 2023	IEEE	10.1109/ICSEIET58677.2023.10303354	IEEE conference

4.	S.Parvathi	Nil	NIL	Design, Simulation, Optimization & Performance of a MEMS Based Piezoelectric Energy	INOCON	Bangalore	3-5 Mar 2023	Scopus	https://doi.org/10.1109/INOCON57975.2023.10101260	IEEE
5.	Lokireddy Sarala	T.Mahalakshmi, Sucharita M Kandarkar, Y.S.S. Sriram,M.Arun,K N V Suresh Varma	No	Virtualization Framework for Securing Cloud to 5G Networks using Ant Lion Optimization Constructed KGMO for Mobility Supervision	ICSEIET	IEEE,ABES Engineering College, Gaziabad,UP, India	14th&15th September ,2023	IEEE	979-8-3503-2919-3	Scopus indexed,IEEE up section

6.	MOIRANGT HEM SANTOSHK UMAR SINGH	Roy, S., Ghosh, S., Sarkhel, A.	NIL	A Compact Miniaturi zed Implanta ble Antenna for 2.45 GHz ISM Band Applicati on	International Conference on Data, Electronics and Computing	ICDEC 2022: Proceedings of International Conference on Data, Electronics and Computing pp 415â€“421, Part of the book series: Algorithms for Intelligent Systems ((AIS)), 978- 981-99-1509-5	7th - 9th September 2022, Published: 22 November 2023	https:// doi.or g/10.1 007/9 78- 981- 99- 1509- 5_38	https:// doi.org/ 10.100 7/978- 981-99- 1509- 5_38	Springer, Singapore
7.	Turimerla Pratap	Venkata Rao Dhulipalla and Priyanka Kokil	NA	Compute r-aided Cataract Diagnosi s with Fundus Retinal Images under Noisy Conditio ns	IEEE International Conference on Interdisciplinary Approaches in Technology and Management for Social Innovation (IATMSI-2024)	IIIT Gwalior	14.03.202 4			IEEE Conferenc e

8.	Vanka Saritha	C.Chandrasekhar	-	Varactor Tunable Compact MIMO Antenna with reconfigurable Multi band operating and notching for Cognitive Radio Applications	Wireless, Antenna & Microwave Symposium 2024	Raghu Engineering College	02.03.2024	SCOP US	-	IEEE
9.	Vanka Saritha	C.Chandrasekhar	-	A Low Profile Planar Antenna with Dual Notches using Meander Lines	International Conference on Computing for Science, Engineering and Artificial Intelligence (CSEAI) 2023	Lendi Institute of Engineering and Technology (A) Vizianagaram,	12.12.2023	SCOP US	-	Springer

10.	Md Ahsan Halimi	No	No	A Broadband Rectifier With High Power Conversion Efficiency and High Power Handling Capability for Microwave Power Transfer Applications	2024 IEEE Wireless Antenna and Microwave Symposium (WAMS)	Raghu Engineering College, Vishakhapatnam, India	29 Feb to 3 March 2024	Scopus		IEEE
11.	Md Ahsan Halimi	T. Anusha, B Suresh, Sumon Modak	Na	An Efficient Dual-Band Rectifier for GSM/Wi-Fi Bands Operated Microwave Power	2024 IEEE Wireless Antenna and Microwave Symposium (WAMS)	Raghu Engineering College, Vishakhapatnam, India	29 Feb to 3 March 2024	Scopus		IEEE

				Transfer Applicati ons						
12.	Md Ahsan Halimi	Nareen Jan, Javed A Sheikh, Aabid Rashid Wani, Althaf A Balkhi	Na	A New Defectiv e Ground Structure Inspired High Gain Rectenna System for RF Energy Harvesti ng in Smart City Applicati ons	2024 IEEE Wireless Antenna and Microwave Symposium (WAMS)	Raghu Engineering College, Vishakhapatna m, India	29 Feb to 3 March 2024	Scopu s		IEEE

13.	Aniruddh Bahadur Yadav	HS Kalyanapu, NG Vemuri, VPSH Rayapati, GP Yella	NIL	Metal-Semiconductor “Metal structure on Graphene Doped ZnO Thin Film”	03-03-2023	2023 2nd International Conference for Innovation in Technology (INOCON)	03-03-2023	Scopus	10.1109/INOCON57975.2023.10101294v	NIL
14.	J Sravanthi	B.V. Subbayamma	No	Enhancement of Energy Efficiency using Improved Energy Efficient Routing Protocol in Wireless Sensor Networks for IoT Applications	2023 3rd International Conference on Advances in Computing, Communication, Embedded and Secure Systems (ACCESS)	Kalady, Ernakulam, India	18-20 may 2023	scopus	616-9/23/\$31.00 ©2023 IEEE DOI: 10.1109/ACCESS57397	IEEE

15.	A Ravi Raja	P Bhavitha, J Harish,D Anjali, R V H Prasad, Sridevi Dasam	--	Precision Localizat ion of Acoustic Beacons Using Active Sonar Systems: An In- Depth Analysis	2024 Fourth International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies (ICAECT)	pp. 1-7, Conference Location: Bhilai, India, Electronic ISBN:979-8- 3503-4367-0 Print on Demand(PoD) ISBN:979-8- 3503-4368-7	1-12 January 2024	SCOP US, IEEE	https://doi.org/10.1109/ICAECT602.2024.10469074	IEEE
16.	A Ravi Raja	Lakshmi Sarvani N, Naga Komala Devi G, Harsha Vardhan N, Sridevi Dasam, Shaik Fayaz Ahamed	----	Location of Acoustic Beacon with Passive Sonar system : A Compreh ensive Analysis	2024 IEEE International Students' Conference on Electrical, Electronics and Computer Science (SCEECS)	pp. 1-6, Electronic ISSN: 2688- 0288 Print on Demand(PoD) ISSN: 2688- 027X, Bhopal, India	24-25 February 2024	SCOP US, IEEE	10.1109/SCEECS6140.2024.10481836.	IEEE

17.	A Ravi Raja	P Bhavitha, J Harish, Phani Kumar Polasi, D Anjali, P Vijaya Kumar	---	Systematic Review of Diagnostic Modalities for Sleep Apnea: A Comprehensive Analysis	2023 International Conference on Sustainable Computing and Smart Systems (ICSCSS)	pp. 897-903, Electronic ISBN:979-8- 3503-3360-2 Print on Demand(PoD) ISBN:979-8- 3503-3361-9	4-16 June 2023	SCOP US, IEEE	10.110 9/ICSC SS5765 0.2023. 101696 56.	IEEE
18.	Dr. P. Satyanarayana	Umar Bashir Sofi; Bisma Farooq Ahmed; N. Naga Saranya; G. V. S. swma Rao; V. Gokula Krishnan	Nil	Enhancement of Network Security in MANET Using Refined Adaptive Harris Hawks Optimization Algorithm	2024 International Conference on Emerging Smart Computing and Informatics (ESCI)	AISSMS Institute of Information Technology, Pune, India	05-07 March 2024	IEEE and Scopus	10.110 9/ESCI 59607. 2024.1 049725 4	IEEE Conference Proceedings

				m (RAHH O) for IoT Applicati ons						
19.	Dr. P. Satyanarayan a	G. V. S. Padma Rao; Sridevi Dasam; Arun M; Dingari Kalpana; V. Gokula Krishnan	Nil	Enhance ment of Network Security in MANET s Using Improve d Averagin g Self- Optimiza tion Algorith m (IASOA) for IoT Applicati ons	2023 3rd International Conference on Mobile Networks and Wireless Communications (ICMNBC)	Sri Siddhartha Institute of Technology Tumkur- Kunigal Rd, Saraswathipur am, Tumakuru Karnataka	04-05 December 2023	IEEE and Scopu s	10.110 9/ICM NWC6 0182.2 023.10 435907	IEEE conference proceedin gs

20.	Dr. P. Satyanarayana	Narasimhachary Sriramdas; Bondili Madhavi; Arun M; N. V. Phani Sai Kumar; V. Gokula Krishnan	Nil	Enhancement of Security in IoT Using Modified AES Algorithm for IoT Applications	2023 International Conference on Sustainable Communication Networks and Application (ICSCNA)	Bharath Niketan Engineering College (BNEC) Sri Gowri Nagar, Thimmarasana ickanoor, Aundipatty, Theni(Dt), Tamilnadu, India	15-17 November 2023	IEEE and Scopus	10.1109/ICSCNA58489.2023.10370606	IEEE conference proceedings
21.	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	SCOPUS	10.1109/ICCCNT56998.2023.10306485	IEEE XPLOPRE

22.	SUNKARA TEENA MRUDULA	ABHISHEK MALIK RAVI KISHORE MAHYUDIN SANCHEZ	N/A	Design of Automated Smart Attendance System Using Deep Learning Based Face recognition	International Conference on Science Technology Engineering and Management	9TH INTERNATIONAL CONFERENCE ON SCIENCE TECHNOLOGY ENGINEERING AND MATHEMATICS, CHENNAI ,10568825	4,5 April 2024	IEEE scopus	979-8-3503-6509-2	IEEE
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Students: 84

S.No.	Name of the Faculty	Name of co-authors	Roll numbers of students if co-author is student	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	Indexing	DOI	Publisher
1.	Dr. D.Venkata rao	Kodali radha, Sajiha, S., Akhila, V., Sneha, N.	UG	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	scopus	https://ieeexplore.ieee.org/document/10485694	IEEE

2.	Dr. D.Venkata rao	Kodali radha ,Sai, K.V.K., Krishna, R.T., Mu neera, A.	UG	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	scopus	https://ieeexplore.ieee.org/document/10474705	IEEE
3.	D.Venkata rao	Chelluri Divakar; Ramanu Harsha; Kodali Radha; ; Nadakuditi Madhavi ; Thiruve dhula Bharadwaj	UG	Explainable AI for CNN-LSTM Network in PCG-Based Valvular Heart Disease Diagnosis	Proceedings of the 14th International Conference on Cloud Computing, Data Science and Engineering , Confluence	Noida, Uttar Pradesh, India, 979-8-3503-4483-7	18th to 19th January 2024	scopus	https://ieeexplore.ieee.org/document/10463207	IEEE
4.	Dr.A.Jhansi Rani	Raghavendra, Ch., Geetha,	218W5A0422 ,208W1A04J8 ,	Design and Simulation of Parallel Coupled	Proceedings of ICWITE 2024: IEEE International	Vemana Institute of Technology,Ban	16-17 February 2024.	scopus		IEEE

		S., Hemanth Kumar, B., Tejaswin i, B.	208W1A0 4J4	Bandpass Filter for Wireless Communicatio n Applications	l Conference for Women in Innovation, Technology and Entrepreneu rship	galore, pp. 702- 705				
5.	Vijaya Sankar Anumala	Sai Boppudi, B. , Lakshmi Ambati, R. , Geetha Sravani Beeram, S. , Venkata Raghava n, S.T.P., Anumala , V.S.	198W1A0 4K0, 198W1A0 4J4, 198W1A0 4J7, 198W1A0 4O2	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	Scopus	10.110 9/ICCE S57224 .2023.1 019262 1	IEEE

6.	Vijaya Sankar Anumala	Akhila Dokala; Lasya Sree Yannam; Virinchi Daram;	208W1A0414, 208W1A0464, 208W1A0412	Enhancing Underwater Optical Communications Using Spatial Diversity MIMO	2023 3rd International Conference on Mobile Networks and Wireless Communications (ICMNWC)	2023 3rd International Conference on Mobile Networks and Wireless Communications (ICMNWC), Tumkur, India, ISBN:979-8-3503-1702-2	04-05 December 2023	Scopus	10.1109/ICMNWC60182.2023.10435922	IEEE
7.	A Vijayasan kar	Gnaneswari Kancharla, Srinivasa Panchavadi Gopamsana, Bhaskar Reddy Yadama kanti	208W1A0419, 208W1A0420, 208W1A0463	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	Scopus	10.1109/ICCES57224.2023.10192651	IEEE

8.	Hema Kumar Goru	Kusuma Kumari Korada Gnana Deepika Paladugu Janu Mayusha Gundu and Pravallika	198W1A04F6 198W1A04G8 198W1A04E7 208W5A0415	Detection and Classification of Alcoholic and Control Scalp EEG Signals using Discrete Wavelet Transform and Gradient Boosted Tree classifiers	14th International Conference on Computing Communication and Networking Technologies-2023	IIT-Delhi, Delhi,	July, 6th - 8th, 2023.	Scopus	10.1109/ICCCNT56998.2023.10306521.	IEEE
9.	Hema Kumar Goru	Gnana Deepika Paladugu, Hema Kumar Goru, Kusuma Kumari Korada, and Janu Mayusha Gundu	198W1A04F6 198W1A04G8 198W1A04E7 208W5A0415	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.	Scopus	10.1109/ICCCNT56998.2023.10307977	IEEE

10.	Hema Kumar Goru	Rukhsar Shaik Harshith a Nadakud iti Vasamse tti Gayathri Balakris hna Velagap udi	198W1A0 4H8 198W1A0 4G2 198W1A0 4I3 198W1A0 4I7	LBGM Classifier- Based Automated Identification and Prediction of Epileptic Seizures	14th Internationa l Conference on Computing Communica tion and Networking Technologie s-2023	IIT-Delhi, Delhi	July, 6th - 8th, 2023.	scopus	10.110 9/ICCC NT569 98.202 3.1030 7704.	IEEE
11.	Hema Kumar Goru	Rukhsar Shaik Harshith a Nadakud iti Vasamse tti Gayathri Balakris hna Velagap udi	198W1A0 4H8 198W1A0 4G2 198W1A0 4I3 198W1A0 4I7	A Comparative Study of Naïve Bayes, LDA, and Gradient Boosting Classifiers for Epileptic Seizure Detection Using Discrete Wavelet	14th Internationa l Conference on Computing Communica tion and Networking Technologie s-2023	IIT-Delhi, Delhi	July, 6th - 8th, 2023.	Scopus	10.110 9/ICCC NT569 98.202 3.1030 7524	IEEE

12.	Hema Kumar Goru	Iliyas Khan, Ch. Yaswant h Reddy, B. Pavan Kumar	218W5A0 416, 208W1A0 4D8, 208W1A0 4D6	Voice- Activated Learning Framework Using Raspberry Pi for Children's Education	3rd IEEE Internationa l Conference on Artificial Intelligence for Internet of Things (AIIoT 2024)	Vellore, India	03 - 04, May 2024	Scopus	10.110 9/AIIo T58432 .2024.1 057461 2	IEEE
13.	CH RAGHAV ENDRA	MANOJ, YESWA NTH,AS HRAF(U G)	208W1A0 4J2,J5,O5	IMPLEMENT ATION OF DUAL BAND DRA FOR 5G APPLICATIO NS	FOURTH INTERNAT IONAL CONFERE NCE ON RECENT TRENDS IN MACHINE LEARNIN G IOT SMART CITIES AND APPLICAT IONS		16-09- 2023	Scopus	-	Sprin ger

14.	ch Raghavendra	M.Raghava,Sk.Nagur Basha,N. Sanjay	208W1A04M4,208W1A04O6,208W1A04M9	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		scopus
15.	Ch Raghavendra	S Geeta	208W1A04M8	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	IEEE	10.1109/ICWITE5979.2024.10503358	IEEE

16.	K. Sneha	K.Sai vinodi, N, manikya gowtham , k. Jaswant kumar	208w1a04 92, 208wqa04 a0, 208w1a04 90	Voice controlled floor cleaner	Internationa l conference on emerging technologie s in engineering and science	International conference on emerging technologies in engineering and science	Aug-23	Scopus		AIP
17.	K.Sneha	N. Jnana Phaneen dra Sathiraju , K. Harish sai	218w1a04 n5, 218w1a04 m7	Master Street Light System Integrating Automation And Air Pollution Monitoring For Urban Sustainability	5th Internationa l Conference on Intelligent Communica tion Technologie s and Virtual Mobile Networks.	5th International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, Tirunelveli,406- 411,	11-12 March,202 4	IEEE,Sc opus	https://doi.org/10.1109/ICICV62344.2024.00070	IEEE comp uter societ y
18.	K.Sneha	Ch.Mahe sh, A.Samue l, B.Surya Teja	218w1a04 k7,218w1a 04k0,218 w1a04k5	Urbansafeguar d:A Comprehensiv e Smart Streetlight Solution	5th Internationa l Conference on Intelligent Communica tion Technologie s and Virtual Mobile	5th International Conference on Intelligent Communication Technologies and Virtual Mobile Networks (ICICV 2024),Tirunelvel i, 141-147	11-12 March,202 4	IEEE,Sc opus	https://doi.org/10.1109/ICICV62344.2024.00029	IEEE Comp uter societ y

					Networks (ICICV 2024)					
19.	K.sneha	Sai vinodh koritala, manikya gowtham nandula, K.Jaswa nth kumar, Ganesh Potluri	208w1a04 92,208w1a 04a0,208w 1a0490,20 8w1a0451	Facial Identification and remote door locking system	4th Internationa l Conference on pervasive computing and social networking(ICPCSN 2024)	ieee proceedings, RP Sarathy Institute of Technology, Salem, India	3-4 May 2024	IEEE		IEEE comp uter societ y

20.	B SUJITHA	Mrudula Kilaru, Haneesh a Perusom ula(facul ty) ,MA. Noor Jahan Parveen, Chandan a Kanikich erla,(ug students)	208w1a04 32,208w1a 0429,208 w1a0422	IoT Based Smart Water Meter System With Sensor	2023 Second Internationa l Conference on Augmented Intelligence and Sustainable Systems (ICAISS)	ICAISS-2023 ,979-8-3503- 2579-9,Trichy, India	23-25 Aug 2023	IEEE	10.110 9/ICAI SS5848 7.2023. 102505 86	IEEE
21.	V B K L ARUNA	G Sai Kiran Reddy, G Venkata Sai Babby Naidu, M Venkates h, U Yuvaraj Naik	208W1A0 483, 208W1A0 482,208W 1A0499,2 08W1A04 C1	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	Scopus		LNEE Proce edings

22.	V B K L ARUNA	P Jaswanth Sai, K Venu, B Pranav Parshura m	218W1A0 4O2, 4M1,4K3	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	NIL		IEEE
23.	Dr Shaik Fayaz Ahamed	UG students - Prasad Kavadan a	208w1A0 4L6	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	IEEE, Scopus	DOI: 10.110 9/ICSE IET586 77.202 3.1030 3427	IEEE Xplor e

24.	Siva Reddy Vanga	G. JAYA PRASU NAMBIKA ,A. NIHARIKAÂ , A. PURNA GOWTHAM Â	208W1A0479, 208W1A0467, 208W1A0466	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	IEEE, Scopus	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	188W1A0432,188W1A0444,188W1A0488W1A0434,188W1A0405	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	Scopus	https://doi.org/10.1063/5.0148915	AIP Publishing

26.	Bandi Alekhya	Ch.Sai Revanth, M Hadi Abbas, K V Prasad	208w1a04k0, 208w1a04m6	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	scopus		IEEE
27.	Bandi Alekhya	Jasti Jaya Rama Krishna Shabareesh, Kudumu Vara Prasad, Pranavi Polani, Ch. Venkata Sai Revanth, Dasi Swathi	208W1AO4K0,208W1AO4O0	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	SCOPUS		IEEE

28.	Lokireddy Sarala	1.Chittiboina Sridevi 2.Rayapati Akash Chowdary 3.Mulam Hema Gnana Prasuna Gargeye	208W1A0473 208W1A04A8 208W1A0498	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	IEEE	10.1109/ICRITO61523.2024.10522247	IEEE
29.	K. Shri Ramtej	Paidikondala Vinay, Amarlapudi Sanjaybhargav, Uppala Sakhitha	208W1A04A3, 208W1A0465, 208W1A04C2	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	Scopus	https://doi.org/10.1109/ICSC60394.2023.10441519	IEEE

30.	K. Shri Ramtej	Kondredy Nikhila Sri Sarvani, Pravalika Nalluri, Atluri Baby Srujana	208W1A04F6, 208W1A04H6, 208W1A04C9	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	Scopus	10.1109/ICACRS58579.2023.10404350	IEEE
31.	Turimerla Pratap	Vivek Gaddeti, Yuvaraju Bodda, Chakravarthi Kamani, Turimerla Pratap, Jasti Sateesh	UG	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 Manapak a	208W1A0431,432,423	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	Scopus		Springer
33.	Dr. P.Sarah Suhasini	Pavan Kumar Pallinati, Naga Sahithi Kallepalli, Nitheesh Veeramallu	208W1A04H1, 208W1A04F1, 208W1A04I6	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	SCOPUS	-	IEEE

34.	Dr P. Sarah Suhasini	Ganipise tty Aravind, Vanamali Vamsi Kiran, V Moses Sukumar	208W1A0 480, 208W1A0 4C5, 208W1A0 4C4	Fall Detection and Protection by Airbag System	4th Internationa l Conference on Expert Clouds and Application s (ICOECA 2024)	2024 ICOECA, RV College of Engineering, Bengaluru	18-19 , April 2024	IEEE		IEEE
35.	Vanka Saritha	Koduri Sai Deepika, Marisett y Ayyapa Swamy, Balla Nikhil	208W1A0 4F3,208W 1A04G3,2 08W1A04 D0	Speed Warning System Using Python	IEEE Internationa l 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- Scopus	-	IEEE

36.	Vanka Saritha	Sabbarapu Venkat Sai Ram, Shaik Nagurvali, Rayudu Prasanth, N Siva Naga Malleshwari	20W!A04B0,21W5A0411,20W!A04A9	A Compact Planar Antenna operating at Lower and Higher 5G bands	Wireless, Antenna & Microwave Symposium 2024	Raghu Engineering College, Visakhapatnam	03.03.2024	SCOPUS	-	IEEE
37.	M.Sunitha	G. Roshan Chowdary, N. Venkata Saiteja, K Sri Santhi Priya	208W1A04L1, 208W1A04N1,208W1A04L8	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	IEEE, SCOPUS	10.1109/ICACRS58579.2023.10405244	IEEE

38.	M.Sunitha	M. Harsha Vardhan, K. Venkata Sai Krishna, K. Aditya Manoj	208W1A04G5,208W1A04F7,208W1A04F2	Wrong Route Vehicles Detection Using Deep Learning	International Conference on Next Generation Electronics (NEleX)	Vellore Institute of Technology, Tamil Nadu	14-16 December 2023	SCOPUS	10.1109/NEleX59773.2023.10421458	IEEE
39.	Dr. Aniruddh Bahadur Yadav	Sheik Kadhar Basha, Sk Arshad, Jogi Sasi Nikhila	208W1A04B4,208W1A04B2,208W1A0485	Density Functional Theory (DFT) study on doped Tungsten DiSelenide (WSe ₂) as sensing material	4th International Conference on Recent Trends in Engineering , Technology and Management 2024	ICRETM 2024, Suguna College of Engineering, Coimbatore, ISB N 978-81-965908-7-1	06-04-2024	Scopus		IEEE

40.	Venkata Subbaiah G	M Kavya Lakshmi , M N V Sainadh	208W1A04G1, 208W1A04G2	Machine Learning Predictive Model for Chronic Kidney Disease Classification Using Python	Artificial Intelligence for Innovations in Healthcare Industries (ICAIIHI), International Conference on	Shri Shankaracharya Institute of Professional Management and Technology Raipur, Chhattisgarh, India.DOI: 10.1109/ICAIIHI57871.2023 29-30 Dec. 2023 Volume : 1	29-30 Dec. 2023 Volume : 1	SCOPUS	DOI: 10.1109/ICAIIHI57871.2023 29-30 Dec. 2023	IEEE
41.	Dr. V. Narasimha Nayak	G. Greeshmesh, G. Niteesh Reddy, Y. Koushik	218W1A04L4,218W1A04L2,218W1A04P9	Securing Information Transmission in RIS-enabled NOMA Network Through Control Jamming	2023 3rd International Conference on Mobile Networks and Wireless Communications (ICMNBC)	page 1-6,Tumkur, India,Electronic ISBN:979-8-3503-1702-2	4th and 5th December 2023	Scopus	10.1109/ICMNBC60182.2023.10435811	IEEE

42.	Dr. V. Narasimha Nayak	DBS ROHAN, P. NAGA SRIDHAR, D. KUMAR REDDY	208W1A04K6,208W1A04N5,208W1A04K5	SOP MINIMIZATION IN COOPERATIVE RELAY-BASED NOMA NETWORK WITH CONTROL JAMMER	WAMS-2024	Raghu Engineering College, Visakhapatnam, AP, INDIA	29 Feb-3 Mar 2024	SCOPUS	10.1109/WA MS596 42.202 4.1052 8169	IEEE
43.	Dr. V. Narasimha Nayak	N. PRANATHI, K DIVYA, B. DEEPTHI	218W5A0405, 218W5A0402, 218W5A0406	IMPROVING SECRECY RATE IN NOMA NETWORK WITH JAMMING SCHEMES	WAMS-2024	Raghu Engineering College, Visakhapatnam, AP, India,	29 Feb-3 Mar 2024	Scopus	10.1109/WA MS596 42.202 4.1052 8169	IEEE

44.	Dr Venkata Sainath Gupta T	Bhanu nivas manapak a, sai kiran malkapur apu	208W1A0432, 208W1A0431	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	Scopus	10.1109/ICDCOT61034.2024.10515599	IEEE
45.	Dr.B LAKSHMI SIRISHA	J Eswara Rao; M Devisri; B Jayendra Nayak; B Lakshmi Sirisha	208w1a04D3, 218w5a0414,218w5a0417	Quality Assessment of Banana Fruit using Image Processing	International Conference on Information Technology (OCIT)	2023 OITS International Conference on Information Technology (OCIT) , 59427-OCIT, 2023 (PRT)	13-15 Dec. 2023	scopus	10.1109/OCIT59427.2023	IEEE

46.	Dr.B LAKSHMI SIRISHA	J Eswara Rao; M Devisri; B Jayendra Nayak; B Lakshmi Sirisha	208w1a04 D3, 218w5a04 14,218w5a 0417	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	scopus	10.110 9/RAE EUCCI 61380. 2024.1 054800 5	IEEE
47.	Dr. LAKSHMI SIRISHA B	Enikepal li Sai Prakash; Sekharap alli Bargava Ravi Kanth; Pathi Chaitanya; B.Laksh mi Sirisha	218W1A0 422,410,4 49	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	scopus	10.110 9/ICIM IA6037 7.2023	IEEE

48.	Dr. LAKSHMI SIRISHA B	Singari Amrutha ; Manikala Venkateswaramma; Prasanthi Lanka	208W1A04B5, 406, 218W1A0412	wastage Collector using Arduino UNO	International Conference on Innovative Mechanisms for Industry Applications (ICIMIA)	2023 3rd International Conference on Innovative Mechanisms for Industry Applications (ICIMIA)	21-23 Dec. 2023	SCOPUS	10.1109/ICIMIA60377.2023	IEEE
49.	Dr.SK Khaleel ahmed	Saimpu Aditya, Putta Nikhith Sree Sai, Degala Durga Prasad	208W1A04H8, 208W1A04H7, 208W1A04E0	Verilog-Based Automatic Bus Ticketing System	2024 International Conference on Automation and Computation (AUTOCOM)	2024 AUTOCOM, GRAPHIC ERA HILL UNIVERSITY-Dehradun, Page no.202-205, ISBN:979-8-3503-8272-3	14-16 March 2024	Scopus	https://doi.org/10.1109/AUTOCOM60220.2024.10486096	IEEE

50.	A Ravi Raja	Merin, Prabhakar Lurdhu, Vishnubhotla, Ashok Kalaka, Sri, Tellakula Ramya, P Vijaya Kumar	208W1A04O2,208W1A04O3, 208W1A04L4	Investigating the Accuracy of Sleep Stage Classification in Pediatrics: A Comprehensive Review	International Conference on Sustainable Communication Networks and Application, ICSCNA 2023	2023 International Conference on Sustainable Communication Networks and Application, ICSCNA 2023, Theni, ISBN 979-835031398-7	15 November 2023 through 17 November 2023	Scopus	10.1109/ICSCNA58489.2023.10370610	IEEE
51.	BINDU PRIYA MAKALA	SURASANI MAHITH REDDY, PITCHUKA VENKATACHARAN, NAGENDLA LOKESH	208W1A04I3, 208W1A04H4, 208W1A04G6	CHRONIC OBSTRUCTIVE PULMONARY DISEASE DETECTION USING MACHINE LEARNING TECHNIQUE	5th INTERNATIONAL CONFERENCE OF EMERGING TECHNOLOGIES 2024	Jain College of Engineering, Karnataka	24th May – 26th May 2024	ieee		IEEE

52.	BINDU PRIYA MAKALA	SURAS ANI MAHIT H REDDY, PITCHU KA VENKA TA CHARA N, NAGEN DLA LOKES H	208W1A0 4I3, 208W1A0 4H4, 208W1A0 4G6	Automatic Image Caption Generation Using Deep Learning Techniques	3rd Internationa l Conference on Power Electronics, Intelligent Control, and Energy Systems (IEEE- ICPEICES- 2024)	Delhi Technological University	26th to 28th April 2024	IEEE		IEEE
53.	BINDU PRIYA MAKALA	Harsha Vardhan Patri, Mahesh Babu Mothuku ri, Sai Rama Krishna Gandha m	208W1A0 4N7, 208W1A0 4M8, 208W1A0 4K9	U-Net Advancements in Semantic Segmentation for Autonomous Vehicles	Internationa l Conference on Advanced Computing and Communica tion Systems (ICACCS) 2024	Sri Eshwar College of Engineering, Coimbatore, Tamilnadu, India.	14th nd 15th March 2024	Scopus		

54.	R V H PRASAD	Syed A shfaq Ahmad, Ch. V. S. A. Eswar Bhatta, Hemanth Keerthi ,	208W1A0 457, 208W1A0 402, 208W1A0 427	Eye Fatigue Detection using Machine Learning and Deep Learning Classifiers	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 & SCOPUS		IEEE
55.	R V H PRASAD	Md. Isshaad, T. Vishnu Vardhan Reddy, M. Manash he	208W1A0 497, 208W1A0 4C0, 208W1A0 496	Development 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 & SCOPUS		IEEE

56.	R V H Prasad	Nishmika Pothana	218W1D7708	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	Scopus	10.1109/ICPEEV58650.2023.10391880	IEEE
57.	R V H PRASAD	Pemula Jaxa Hruday, A Bharath Venkata Siva Kiran	208W1A04N8, 218W5A0420	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	IEEE & SCOPUS	10.1109/ICCS P60870.2024.10544096	IEEE

58.	BALL MUKUN D MANI TRIPATHI	Mallema ggala 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	SCOPUS	10.110 9/ICCC NT569 98.202 3.1030 6485	IEEE XPLO PRE
59.	SUNKAR A TEENA MRUDUL A	DUMPE TI MOSES MANOH AR, TIRUM ANI PRAKA SH, GONNU RI PRUDH VI	208W1A0 4E1,208W 1A04I4,20 8W1A04E 7	DETECTION OF BREAST CANCER BY MEANS OF NEURAL NETWORKS	INTERNAT IONAL CONFERE NCE ON RECENT TRENDS IN INNOVATI ON AND TECHNOL OGY	RAJAMAHEN DRAVARAM,1 -9,2456-5083	19,20 APRIL	SSRN	10.480 47/IJIE MR/V1 3/ISSU E 04/1	ELSE VIER

60.	Dr. K Vara Prasad	N. Venkates wari, Maneesh a, V. Gopi chand	208W1A0 4N2, 208W1A0 4M1, 208W1A0 4P3	Design of UWB MIMO Antennas with Enhanced Isolation for Wearable Applications	Proceedings - 2024 5th Internationa l Conference on Intelligent Communica tion Technologie s and Virtual Mobile Networks, ICICV 2024	Francis Xavier Engineering College, Tamil Nadu	11-12 March 2024	Presente d	NIL	Scopu s
61.	K.V.Ratna Prabha	Abhiram Niswas Dunna, Venkata Ratna Prabha K,Sai Sandhya Bejawad a,Sai Likitha Sree Boorsu,B	208W1A0 4E2, 208W1A0 4D3, 208W1A0 4D7,	Detection and Recognition of License Plates Using Deep Learning- Based Technology and Flask	2023 Internationa l Conference on Self Sustainable Artificial Intelligence Systems (ICSSAS)	M. P. Nachimuthu M. Jaganathan Engineering College Chennimalai, Erode, India	18-20 October 2023	Scopus	10.110 9/ICSS AS579 18.202 3.1033 1898	IEEE

		indu Priya,A. Ravi Raja								
62.	Dr. K Vara Prasad	Sai Kumar, D.H., Mohith T, Sameer, M. Lohith, K.	208W1A0 4 208W1A0 4	Classroom Attendance Monitoring using Haar Cascade and KNN Algorithm	2nd Internationa l Conference on Intelligent Data Communica tion Technologie s and Internet of Things, IDCIoT	Bengaluru, India	04-06 January 2024	Scopus	10.1109/IDCIoT59759.2024.10467696	IEEE

63.	K.V.Ratna Prabha	Venkata Ratna Prabha K,Venka ta Bhavana S,Suryap ushpanja li G,Rajes wari T, Chinni Hima Bindu, K. Rama Devi	208W1A0 455 208W1A0 421 218W15A 0424	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	Scopus	<u>10.110</u> <u>9/DICC</u> <u>T61038</u> <u>.2024.1</u> <u>053284</u> <u>0</u>	IEEE
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64.	Dr. G L Boni Pavan Kumar Madhumati	Hema Kumar Goru, Iliyas Khan; Chandaluri Yaswanth Reddy; Boni Pavan Kumar	8W5A0416, 08W1A04D8, 08W1A04D6	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/AIIoT58432.2024.0574612	IEEE
65.	Dr G.L. Madhumati	L.J.N.Sree Lakshmi	28W1D7701 PG ADP)	Design of Dadda Multiplier with Minimum Area Delay Power 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 Jonnalag adda, Ram Kumar Avutapal li, Venkata Jayasri Pranitha Bobbadi, Keerthi Bagati		Design Of Wallace Multiplier Using Novel Approximate 4: 2 Compressors	2023 2nd International Conference on Paradigm Shifts in Communicatio ns Embedded Systems, Machine Learning and Signal Processing (PCEMS)	NIT Nagpur	05-06 April 2023	Scopus	10.1109/ PCEM S58491 .2023.1 013606 3	IEEE
67.	Dr G Kishore Kumar	Kandi Naveen, Vishnubh atla Sai Lakshmi Manonm ai, Murala Sri Jaya Nikhitha, Vasiredd y Pradeep		VLSI Architecture of a High Speed Polar Code Decoder using Finite Length Scaling LDPC Codes	2023 Second Internationa l Conference on Electrical, Electronics, Information and Communica tion Technologie s (ICEEICT)	Trichirappalli	05-07 April 2023	Scopus	10.1109/ ICEEI CT5692 4.2023. 101570 91	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	Scopus	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	Scopus	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	Scopus		IEEE
71.	K.Premchand	P.Meghana	208W1A04 H5	Tri-Band Slotted Monopole Antenna for Vehicular Applications	2024 3rd International Conference for Innovation in Technology (INOCON)	SVIT, bangalore	1-3 march 2024	Scopus		IEEE

72.	K.Premchand	G.Balakrishna, N. Omvenkata Vamsi, J.Waran Job	218W5A0421	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	Scopus		IEEE
73.	Dr Shaik Fayaz Ahamed	VEERANALAKOTISAIKRISHNA, VARIGANJI RAJESH, BOKKASRI PRAKASH RAJU	218W5A0409, 208W1A04C7, 218W5A0413	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	scopus		IEEE

74.	Y Sarada Devi	Pallavi Golla, D. V. S. Akash, S. Pranay Sai, Ramasamy Mariappan	208W1AO481 218W5AO410 208W1A04B9	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	Scopus		ISSRD
75.	Y Sarada Devi	Aishwarya	218W5A0424	Color detector for color blindness people	International Conference Management technology & Entrepreneurial Challenges in Dynamic Business Environment	ACHARYA INSTITUTE OF TECHNOLOGY Bengaluru	20th & 21st March 2024	Scopus		IEEE

					t - MTEC 2024					
76.	B. Pujitha	K Raga Sravya , N Krishnas ai, Ch Devi aparna Siva Kumari	208W1A0 425,208W 1A0445,20 8W1A040 6	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.	Scopus	https://doi.org/10.1109/ESIC60.2024.10481535	IEEE

77.	B.Pujitha	Kagitha Samitha , Nulu Shiva Sai Prathyusha, Pinniboyina Vasanthi	218W1A04L8,218W1A04N8,218W1A04O1	Crop Prediction from Soil Parameters using Light Ensemble Learning Model	11 th International Conference on Signal Processing and Integrated Networks (SPIN 2024)	Amity University, Uttar pradesh	21-22 March, 2024	Scopus	https://doi.org/10.1109/SPIN60856.2024.10512319	IEEE
78.	Dr.N S Murthy	Kalli Likhitha, Gurindapalli Srilatha, Sajja Monika Sree	208W1A0486 208W1A0484 208W1A04B1	Internet of Things based health monitoring system for asthma patients	Hinweis Second International Conference On Recent Trends in Machine Learning And Image Processing, MLIP-2023		December 22-23, 2023	Scopus		

79.	Dr.N S Murthy	Kalli Likhitha, Gurindapalli Srilatha, Sajja Monika Sree	208W1A0486 208W1A0484 208W1A04B1	Lung Cancer Prediction and classification using Machine learning Algorithms	4th International Conference On Expert Clouds And Applications (ICOECA-2024)	R V College Of Engineering, Bengaluru	April 18,19 2024	IEEE		IEEE
80.	Dr. G. Suryanaraya	Khan Irfana Begum, Ch. Chulika Devi, Ch. Yaswanth	208W1A0428 208W1A0410 208W1A0411	Deep Learning method on X-ray image super-resolution based on residual mode encoder decoder network	Book Chapter	NA	January 20, 2023	Scopus	10.1049/PBHE059E	IET

81.	Dr. G. Suryanarayana	Khan Irfana Begum, Ch. Chulika Devi, Ch. Yaswanth	208W1A0428 208W1A0410 208W1A0411	Super resolution imaging based on residual network with 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
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82.	Dr. G. Suryanara yana	N.V.MA HESHW ARA REDDY J.PREM A VANI B.TEJAS WI	208W1A0 4N3 208W1A0 4L3 208W1A0 4J7	Empirical mode fusion of MRI_PET images using deep convolutional neural networks	Book Chapter	NA	Jan, 2023	Scopus	10.1049 /PBHE 059E	IET
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83.	Dr. G. Suryanarayana	N.V.MAHESHWARA REDDY J.PREMA VANI B.TEJASWI	208W1A04N3 208W1A04L3 208W1A04J7	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	Scopus		IEEE
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84.	NSN Malleswar i	Vanka Sarita;So mineni Archana; Bhairava bhotla Krishna Deep;Ina mpudi Mohith	208W1A0 4I2, 208W1A0 4D4, 208W1A0 4E8	Y-Patch MIMO Antenna Design for Dual-Band Wireless Applications	2024 Internationa l Conference on Advances in Modern Age Technologie s for Health and Engineering Science (AMATHE)		16-17 May 2024	Scopus(Not yet)	10.1109 /AMAT HE616 52.2024	IEEE
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Book Chapters

Faculty:10

S.No.	Name of Faculty	Name of Co-Author(Mention if it is student UG/PG)	Title of Book Chapter	Name of Proceedings of Conference if any	Title of paper	Date & Year	Place of Organising/institute name	Indexing	Vol Number/ISBN number	Name of publisher
1.	Dr. B.M.Tripathi	Y. Madhukar, K. Vijay Krishna, K. Raghava Reddy,		ICICAE PHAM - 2023	COMPARATIVE PERFORMANCE ANALYSIS OF LOGIC GATES USING CMOS AND FINFET TECH	April 27-29, 2023	JCET, KERALA	SCOPUS	ISBN:- 978-93-5406-579-8	OSIET, Chennai

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2.	Dr. B.M.Tripathi	Y. Madhukar, K. Vijay Krishna, K. Raghava Reddy,	Proceedings of the International Conference on Innovation, Creativity and Computing Applications in Engineering, Pharmacy, Architecture and Management,		CMOS AND FINFET-BASED MULTIBIT FULLADDER CIRCUITS: COMPARISON AND ANALYSIS	27th - 29th April 2023	27th - 29th April 2023 Palakkad, India	SCOPUS	27th - 29th April 2023	Organization of Science and Innovative Engineering & Technology
3.	Dr.Pratiksha Raut	NA	Analysis of RF with DC and Linearity Parameter and Study of Noise	Nanodevices for Integrated Circuit Design	Nanodevices for Integrated Circuit Design	17-Oct-23	VR Siddhartha Engineering College, Kanuru, Vijayawada, Andhra Pradesh, India	93-115	https://doi.org/10.1002/9781394186396.ch6	John Wiley & Sons, Inc.

			Characteristics of Gate-All-Around Junctionless FET (GAA-JLFET) and Its Applications							
4.	Dr. B.M.T RIPATHI	NA	Subthreshold Transistors: Concept and Technology	NA	NA	08-11-2023	NA	SCOPUS	NA	Wiley
5.	Dr. B.M.T RIPATHI	NA	Negative Capacitance Field Effect Transistors: Concept and Technology	NA	NA	Oct-23	NA	SCOPUS	NA	CRC PRESS

6.	Dr.Pratikhya Raut	-	Analysis of RF with DC and Linearity Parameter and Study of Noise Characteristics of Gate-All-Around Junctionless FET (GAA-JLFET) and Its Applications	-	Nanodevices for Integrated Circuit Design	17-Oct-23	-	https://doi.org/10.1002/9781394186396.ch6	Chapter 6	WILEY
7.	Sarada Devi Y	A. Vijayasankar, D. Venkatarao	Computational Methods in Psychiatry	no	Work from Home and its Impact on Lifestyle of Humanoid in the Context	01-Dec-23	Book Chapter	Google Scholar	978-981-99-6637-0	Springer, Singapore

					t of COVI D-19					
8.	A Ravi Raja	Sri Tellakula Ramya M. Rajalakshmi Duddukuru Sai Lokesh	A convoluti onal neural network for scoring of sleep stages from raw single- channel EEG signals	Deep Learnin g in Medical Image Processi ng and Analysi s (Title of the Book)	A convol utional neural networ k for scoring of sleep stages from raw single- channe l EEG signals	202 3	IET - Online submission	Scopus	978- 18395379 4-3, 978- 18395379 3-6	Institution of Engineeri ng and Technolo gy (IET)

9.	Dr.A.jhansi Rani	Sridevi Kadiyam (Scholar)	High Performance Computing, Smart Devices and Networks, Lecture Notes in Electrical Engineering 1087 Performance Evaluation of Concentric Hexagonal Array for Smart Antenna Applications	3rd International Conference on Computer Vision, High Performance Computing, Smart Devices and Networks (CHSN-2022)	Performance Evaluation of Concentric Hexagonal Array for Smart Antenna Applications	28-29, December 2022.	Jointly organized by Jawaharlal Nehru Technological University Kakinada, Prof. CHSN Research Foundation, Kakinada, Institute of Bioinformatics and Computational Biology (IBCB), Visakhapatnam BioAxis DNA Research Centre (P) Ltd, Hyderabad	Scopus	LNEE, volume 1087	springer, https://doi.org/10.1007/978-981-99-6690-5_23 pp 313-323
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10.	BALL MUKUND MANI TRIPATHI	NA	Advance d MOS Devices and their Circuit Applicati ons	NA	Compa ct analyti cal model for graphe ne field effect transist or: Drift- diffusi on approa ch	202 4	NA	SCOP US	DOI: 10.1201/9 78103267 0270-5	CRC PRESS
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Students:06

S.No.	Name of Faculty	Name of Co-Author(Mention if it is student UG/PG)	Title of Book Chapter	Name of Proceedings of Conference if any	Title of paper	Date & Year	Place of Organising/institute name	Indexing	Vol Number/ISSN 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	SCOPUS	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, Communication	AIP Conference Proceedings	A technical review on the methodologies of fall	JULY 14 2023	NRI Institute of Technology, Vijayawada	010001 (2023)	2796/Issue 1	AIP publishing

			nication s and Informa tion Technol ogies		detecti on					
3.	Gunnam Suryanaraya na	N.V. Maheswar Reddy, J. Premavani, B. Tejaswi		Deep Learn ing in Medic al Image Proce ssing and Analy sis,20 23	Empiri cal mode fusion of MRI- PET images using deep convol utional neural networ ks	Oct- 23	Departm ent of Engineeri ng, Manchest er Metropol itan Universit y, UK	Scopus, IET	9.78184E +12	IET: The Institution of Engineeri ng and Technolo gy
4.	Gunnam Suryanaraya na	Khan Irfana Begum, Ch. Chulika, Ch. Yashwanth		Deep Learn ing in Medic al Image Proce ssing and Analy sis,20 23	Deep learnin g metho d on X-ray image super- resolut ion based on	Oct- 23	Departm ent of Engineeri ng, Manchest er Metropol itan Universit y, UK	Scopus, IET	9.78184E +12	IET: The Institution of Engineeri ng and Technolo gy

					residual model encoder-decoder network					
5.	Dr. Jasti Sateesh	Subhash Turaka, Valanukonda Bhavya Bhargavi, Naga Nikhila Nandam, Shahed Baba Syed, Nanda Sai Donepudi, Dhanya Yalamanchili, Koushik Guha 188W1A04M5 , 188W1A04M6 , 188W1A04K5 , 188W1A04M2	MEMS and Microfluidics in Healthcare A		Review on Recent Trends in the Segregation of Red Blood Cells Using Microfluidic Devices	Lecture Notes in Electrical Engineering book series (LN EE, volume 989) , 978-981-19-8714-4	14-03-2023	Scopus	https://doi.org/10.1007/978-981-19-8714-4_3	

6.	Dr. Jasti Sateesh	Mareedu Nagavalli, Tatineni Sharmila Swaroopa, Pannangi Sri Vidya Gayathri, Vuyyuru Dinesh Kumar Reddy, Nanda Sai Donepudi, Dhanya Yalamanchili, Koushik Guha 188W1A0490, 188W1A04A7, 188W1A0499,	MEMS and Microfluidics in Healthcare A		Road Map to Paper-Based Microfluidics Towards Affordable Disease Detection	Lecture Notes in Electrical Engineering book series (LN EE, volume 989), 978-981-19-8714-4	14-03-2023	Scopus	https://doi.org/10.1007/978-981-19-8714-4_4	
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