



CVR COLLEGE OF ENGINEERING

(An UGC Autonomous Institution with NAAC 'A' Grade Affiliated to JNTUH)

Vastunagar, Mangalpalli (V), Ibrahimpatnam (M), R.R. District

Ph. No: 91-8414 - 661601, 661675

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

International Journals 2022-23

S. No.	Name of the faculty	Journal name	Position of Author	Year & Month of publication	Vol No. Issue No and pages No.	Title	Name of the authors (as published)	Indexing	DOI / Paper Link
1	Dr. T. Esther Rani	AEU-International Journal of Electronics and Communications	Second	Jun-23	Online, Early access	Reduced Complexity XOR Trees for LDPC Codes and BS-LFSR Techniques to High-Speed Memory Applications	P.Sadhika, T.Ester Rani, Rameshwar Rao	Scopus, WoS	https://doi.org/10.1016/j.aeue.2023.154754
2	Dr. G. Ravi Shankar Reddy	IETE Journal of Research,	Second Author	Apr-23	vol. 69, no. 3, pp: 1578-1587	A Right Hand Circularly Polarized Dual-Band Microstrip Antenna Array	A.Bharathi & G.Ravi Shankar Reddy	Scopus, WoS	https://doi.org/10.1080/03772063.2020.1871426
3	Dr. G. Ravi Shankar Reddy	IETE Journal of Research	Second Author	Apr-23	vol. 69, no. 3, pp: 1466-1474	A Novel Compact Multiband Reconfigurable WLAN MIMO Antenna	A.Bharathi & G.Ravi Shankar Reddy	Scopus, WoS	https://doi.org/10.1080/03772063.2020.1869598
4	Mr. Karrar Hussain	International Journal of Intelligent systems and Applications in Engineering	First	Feb-23	Vol 11 No. 2, 148-152	Analysis of Wearable Sensor Electronics and Wireless Health Monitoring Systems	Karrar Hussain, Peddinti Neeraja, Bibin K. Jose, Ch Shivaram Prasad, S Selvaraju, Ananya Bhargavi	Scopus	https://ijisae.org/index.php/IJISAE/article/view/2605/1187
5	Mr. D. Bhanu Prakash	International Journal of Fuzzy System Applications	Fifth	Jul-22	vol. 11, no. 3, pp. 1-12	Designing a Fuzzy Q-Learning Power Energy System Using Reinforcement Learning	Sree A.J., Konduuru S., Kura V., NagaJyothi G., Dudi B.P., Mani Naidu S.	Scopus	https://doi.org/10.4018/IJFSA.306284
6	Dr. Dhruva R. Rinku	Advance in Materials Science and Engineering	Second	Sep-22	Vol. 2022	An Enhanced Drone Technology for Detecting the Human Object in the Dense Areas Using a Deep Learning Model	Mohamad Reda A. Refaai , Dhruva R. Rinku, I. Thamarai, S. Meera, Naresh Kumar Sripathi, and Simon Yishak	Scopus, WoS	https://doi.org/10.1155/2022/4162007
7	Mr. R. Ganesh	International Journal of Research Publication and Reviews	Fourth	Dec-22	Vol 3, no 12, pp 2090-2095	FPGA Based Object Detection for Autonomous Vehicles	Soli Preetham Reddy, Burri Sushith, Punnam Ajay, Racha Ganesh	Non Scopus	https://ijrpr.com/uploads/V3 ISSUE12/IJRPR8846.pdf
8	Mr. R. Ganesh	International Journal of Research Publication and Reviews	Fourth	Dec-22	Vol 3, no 12, pp 2106-2110	Design of Health Monitoring System using FPGA	Anjali Chindham, Donthagani Rakesh, Sabavath Virisha, Racha Ganesh	Non Scopus	https://ijrpr.com/uploads/V3 ISSUE12/IJRPR8848.pdf
9	Dr. B. Janardhana Rao	Journal of Mathematical Imaging and Vision	First	Nov-22	vol. 64, no. 9, pp: 1029-1039	Video Inpainting Using Advanced Homography-based Registration Method	B. Janardhana Rao, Y. Chakrapani, S. Srinivas Kumar	Scopus, WoS	https://doi.org/10.1007/s10851-022-01111-0
10	Dr. B. Janardhana Rao	The Computer Journal	First	Mar-21	Vol. 65, 9, pp. 2315-2338	Hybridizedn Cuckoo Search with Multi-Verso Optimization-Based Patch Matching and Deep Learning Concept For Enhancing Video Inpainting	B. Janardhana Rao, Y. Chakrapani, S. Srinivas Kumar	WoS, Scopus	https://doi.org/10.1093/comjnl/bxab067
11	Dr. S. Praveen Chakravarthy	Mathematical Statistician and Engineering Applications	First	Dec-22	vol. 71, no. 4, pp. 7032-7046	A Novel Plant Specimen Detection Technique using IoT	S. Praveen Chakkavarthy, N. Sandhyarani	others	https://www.philstat.org/index.php/MSEA/article/view/1322
12	Dr. S. Praveen Chakravarthy	Mathematical Statistician and Engineering Applications	First	Dec-22	Vol.71 no.4, pp. 8220 - 8230	Smart Precision Agriculture using IoT Data Analytics	S. Praveen Chakkavarthy, Gaddam Vivek, Sahithi Vangala, Kalakuntla Vishal, K. Yasash, P. Bharath Chandra, G. Sai Kiran	others	https://www.philstat.org/index.php/MSEA/article/view/1450/957
13	Dr. S. Praveen Chakravarthy	Mathematical Statistician and Engineering Applications	First	Dec-22	vol. 74, no. 4, pp. 8231-8240	A Machine Learning Perspective to foster Accuracy and Prediction of Urbanization using Automatic Weather Station	S. Praveen Chakkavarthy, P. Bharath Chandra, G. Sai Kiran, Gaddam Vivek, Sahithi Vangala, Kalakuntla Vishal, K. Yasash	others	https://www.philstat.org/index.php/MSEA/article/view/1451
14	Dr. Swapna Thouti	Measurement: Sensors	First	Dec-22	Vol. 24, 100509,	Investigation on identify the multiple issues in IoT devices using Convolutional Neural Network	Swapna Thouti, Nookala Venu , Dhruva R. Rinku , Amit Arora, N. Rajeswaran	Scopus,	https://doi.org/10.1016/j.meesen.2022.100509
15	Ms. T. Padmavathi	Journal of Scientific and Industrial Research	First	Nov-22	vol. 81, no. 11, pp. 1224-1232	Analysis of Multi Carrier Modulation Techniques for 5G Physical Layer Communications Estimation of KPI	Padmavathi T., Cheepurupalli K.K., Madhu R.	Scopus, WoS	https://doi.org/10.56042/jsi.v8i11.42701
16	Ms. A. Malleswari	Wireless Personal Communications	First	Aug-23	vol.125, no. 3, pp. 2685-2703	Optimizing the Reduction of PAPR of OFDM System Using Hybrid Methods	Akurati M., Pentamsetty S.K., Kodati S.P.	Scopus, WoS	https://doi.org/10.1007/s11277-022-09679-x
17	Ms. S. Swetha	IETE Journal of Research	Second	Apr-23	Early access	Design of FIR Filter Using Low-Power and High-Speed Carry Select Adder for Low-Power DSP Applications	Dr.Nuka Siva Sankara Reddy S. Swetha	Scopus, WoS	https://doi.org/10.1080/03772063.2023.2196965
18	Mr. B. Ramesh	Multimedia Tools and Applications	First	Mar-23	Early access	A hybrid technique to provide effective allocation based on mac with UWSN for energy efficiency and effective communication	Ramesh B., Bhandari B.N., Pothalaiah S.	Scopus, WoS	https://doi.org/10.1007/s11042-023-14897-x
19	Mr. G. Ravi Kumar Reddy	GIS Science Journal	Second	Nov-22	Vol. 9, No. 11, 2022, PAGE NO: 760-770	Smart Fire Detection and Water Sprinkler System	T. Ramya Sree , Mr. G. Ravi Kumar Reddy	Scopus	https://gisscience.net/volume-9-issue-11-2022-2/

S. No.	Name of the faculty	Journal name	Position of Author	Year & Month of publication	Vol No. Issue No and pages No.	Title	Name of the authors (as published)	Indexing	DOI / Paper Link
20	Mr. G. Harish Babu	Journal of Optical Communications	Third	Dec-22		Optical fiber signal strength based on Raman optical amplifiers schemes in dense wavelength multiplexed communication systems	Rashed A.N.Z., Jahan K., Babu G.H., Eid M.M.A., Sharma J., Ahammad S.H., Hossain M.A., Dakua P.K., Panda D.K.	Scopus	https://doi.org/10.1515/joc-2022-0272
21	Mr. G. Harish Babu	Journal of Optical Communications	Third	Dec-22		Optimization of the performance parameters of the Giga passive optical networks for high transmission data rates with various modulation schemes	Khodaei A., Jahan K., Babu G.H., Ahammad S.H., Sharma J., Hossain M.A., Rashed A.N.Z., Nabil A.A.	Scopus	https://doi.org/10.1515/joc-2022-0245
22	Mr. G. Harish Babu	Journal of Optical Communications	Third	Dec-22		Signal strength in FSO communication channels based on directly measured modulated laser with dual drive Mach-Zehnder modulators (MZMs) measured	Rashed A.N.Z., Jahan K., Babu G.H., Ahammad S.H., Hossain M.A., Essam A.	Scopus	https://doi.org/10.1515/joc-2022-0234
23	Mr. G. Harish Babu	Journal of Optical Communications	Second	Dec-22		Various coding techniques under bit sequence generators operation mode effects for upgrading transceiver systems efficiency	Zaki Rashed A.N., Babu G.H., Sugaro L., Ahammad S.H., Hossain M.A., Mohammed A.E.A.	Scopus	https://doi.org/10.1515/joc-2022-0100
24	Mr. G. Harish Babu	Advances in Engineering Software	First	Jan-23	vol. 175, pp.103341	ABF de-hazing algorithm based on deep learning CNN for single I-Haze detection	Babu G.H., Venkatram N.	Scopus	https://doi.org/10.1016/j.advengsoft.2022.103341
25	Mr. G. Harish Babu	Journal of Optical Communications	Third	Dec-22		Hybrid Raman/EDFA optical fiber amplifiers configuration in amplified ultra wide band wavelength division multiplexed systems	Ahmed Nabih Zaki Rashed , Kranthi Madala , Gade Harish Babu , Shaik Hasane Ahammad , Md. Amzad Hossain , Malek G. Daher and Sara Farouk	Scopus	https://doi.org/10.1515/joc-2022-0253
26	Mr. G. Harish Babu	Journal of Optical Communications	Second	Dec-22		Nonlinear wavelength conversion cross phase modulation in fiber systems based on directly modulated laser measured	Ahmed Nabih Zaki Rashed*, Gade Harish Babu, Shaik Hasane Ahammad, Vishal Sorathiya, Md. Amzad Hossain*, Malek G. Daher and Shima Ali Ahmed	Scopus	https://doi.org/10.1515/joc-2022-0104
27	Mr. G. Harish Babu	Journal of Optical Communications	Second	Dec-22		Mach-Zehnder electro-optic modulators chirping management in high speed data communication lightwave systems	Ahmed Nabih Zaki Rashed, Gade Harish Babu , Shaik Hasane Ahammad , Md. Amzad Hossain and Huda Said Aabdelhamid	Scopus	https://doi.org/10.1515/joc-2022-0238
28	Mr. G. Harish Babu	Plasmonics	First	Jun-23	Vol. 18, No. 3, pp. 1007-1018	Meander Line Base Asymmetric Co-planar Wave Guide (CPW) Feed Tri-Mode Antenna for Wi-MAX, North American Public Safety and Satellite Applications	Gade Harish Babu, M. Srinivas, C. Gnanaprakasam, R. Thandaiah Prabu, M. Rajani Devi, Shaik Hasane Ahammad, Md. Amzad Hossain & Ahmed Nabih Zaki Rashed	Scopus	https://doi.org/10.1007/s11468-023-01826-9
29	Mr. G. Harish Babu	Journal of Optical Communications	Second	Mar-23		Study of the splicing/coupling influence of cabling to fibers test links measurements	Ahmed Nabih Zaki Rashed, Gade Harish Babu, Sanam Nagendram, Twana Mohammed Kak Anwer, Shaik Hasane Ahammad, Md Amzad Hossain, Anas Ibrahim	Scopus	https://doi.org/10.1515/joc-2023-0015
30	Mr. G. Harish Babu	Journal of Optical Communications	Second	Mar-23		Noise multiplication and bandwidth of photodetectors employed with Taylor dispersion in micro optical fiber channel system	Sanam Nagendram, Gade Harish Babu, Shaik Hasane Ahammad, Kasi Uday Kiran, Twana Mohammed Kak Anwer, Md Amzad Hossain, Ahmed Nabih Zaki Rashed, Marwa Hamed Amin	Scopus	https://doi.org/10.1515/joc-2023-0010
31	Dr. K. Lal Kishore	Computers, Materials & Continua	Second	Jul-22	Vol. 73, No. 1	FPGA Implementation of 5G NR Primary and Secondary Synchronization	Aytha Ramesh Kumar, and K. Lal Kishore	Scopus, WoS	https://doi.org/10.32604/cm.2022.021573
32	Dr. A. Rajesh	IETE Journal of Research	Third	Aug-22	Latest Article	Realization of Optical DEMUX using Machine Learning Model: A Future Paradigm for Optical-VLSI System	Suryakanta Nayak, K. P. Swain, Rajesh Arunachalam, M. Panda, S. K. Sahu and G. Palai	Scopus, WoS	https://doi.org/10.1080/03772063.2022.2102086
33	Dr. A. Rajesh	Biomedical Signal Processing and Control	Second	Jul-22	Vol. 76. pp. 103729	Ensemble of weighted deep concatenated features for the skin disease classification model using modified long short term memory	Elashiri M.A., Rajesh A., Nath Pandey S., Kumar Shukla S., Urooj S., Lay-Ekuakille A.	Scopus	https://doi.org/10.1016/j.bpc.2022.103729
34	Dr. A. Rajesh	Optical and Quantum Electronics	Third	Nov-22	vol. 55	A proposal for a Giga Pascal pressure sensor using one dimensional photonic waveguide at 850 /1310/1550 nm signal	Mishra C.S., Mondal S.R., Arunachalam R., Nayak M.R., Tripathy S.K., Palai G.	Scopus	https://doi.org/10.1007/s11082-022-04182-w
35	Dr. P. Anil Kumar	Hindawi scientific programming	First	Jul-22	Vol 2022	A Novel effective edge based image denoising algorithm	Anil kumar puli.k. Sateesh kumar, j brahmaia naik, p janardhan sai kumar, biruk aa	Scopus, WoS	https://doi.org/10.1155/2022/9675526
36	Dr. Gaurav Sharma	Biomedical Signal Processing and Control	Second	Jul-22	103705	Time series signal forecasting using artificial neural networks: An application on ECG signal	Ratna Prakarsha K., Sharma G.	Scopus	https://doi.org/10.1016/j.bpc.2022.103705



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National Journals 2022-23

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1	Dr. Humaira Nishat	CVR Journal of Science and Technology	Second	Dec-22	vol. 23, No. 1, pp. 65-69	IoT based Smart Power Management in Public Areas Along with Public Traffic Monitoring	v. Shilpa, Humaira Nishat	others
2	Mr. D. Bhanu Prakash	CVR Journal of Science and Technology	Second	Dec-22	23,1,37-43	Hyper-Parameter Optimization using Meta-heuristic Algorithms	D Bhanu Prakash, K Arun Kumar, R Prakash Kumar	others
3	Mr. R. Ganesh	CVR Journal of Science and Technology	First	Dec-22	Volume 23,Page No.52-57	Breast Cancer Classification using Convolutional Neural Networks (CNNs)	Racha Ganesh, Vedanvita.G, Vyshnavi.B and Samreen.S	Non Scopus
4	Dr. Amit Arora	CVR Journal OF SCIENCE AND TECHNOLOGY	Second	Dec-22	vol. 23, no. 1, pp. 58-64	Advanced Coal Mine Safety Monitoring and Auto Alert System using LoRa Technology	N. Lakshmi pathi, Amit Arora	others
5	Dr. S. Praveen Chakravarthy	CVR JOURNAL OF SCIENCE AND TECHNOLOGY	First	Dec-22	Vol.no. 22 pp 70 - 75	A Machine Learning Perspective for data analytics in solar powered weather station using IoT	Dr. S. Praveen Chakravarthy, P. Bharat Chandra, D.Anwar Basha, G. Saikiran	others
6	Dr. S. Praveen Chakravarthy	CVR Journal of Science and Technology	First	Dec-22	22, pp 76-81	Smart Precision Interface for Conventional Agricultural Methods	S. Praveen Chakravarthy , Gaddam Vivek , Kalakuntla Vishal , Sahithi Vangala and Juluri Sai Teja	others
7	Ms. A. Anitha	Advanced Engineering Sciences	Second	Dec-22	vol. 54, no. 3, 808-812	Design Modified dual-CLCG method using pseudorandom bit generation	Devulapally Peashanth, A. Anitha	others
8	Ms. A. Anitha	Advanced Engineering Science	Second	Dec-22	vol. 54, no. 3, 814-826	Implementation of Galois Field Fourier Transform using XOR MUX Full Adder	Kammara Dharm Teja, A. Anitha	others



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International Conferences

2022-23

S. No	Name of the Faculty	Conference Name	Position of the Author	Year and Month of publication	Vol. No, Issue No, and Page No.	Title	Name of the authors (as published)	Indexing	DOI / Paper Link
1	Dr. Humaira Nishat	3rd International Conference on Artificial Intelligence and Smart Energy (ICAIS 2023)	Second	Feb-23	pp. 622-626	A Machine learning based Accurate Localization Technique for 5G Networks	S. Praveen Chakravarthy, Humaira Nishat, Deepa B, Ramya P, Pon Bharathi A	Scopus	https://doi.org/10.1109/ICAIS56108.2023.10073924
2	Dr. K. Yedukonda lu	ICISTSD 2022 - 3rd International Conference on Innovations in Science and Technology for Sustainable Development	Second	Aug-22		An Energy Efficient Clustering and Relay Selection Scheme for Cognitive Radio Sensor Networks	Chaitanya Prasad L.V.R., Kamatham Y., Sunehra D.	Scopus	https://doi.org/10.1109/ICISTSD55159.2022.10010509
3	Dr. K. Yedukonda lu	ICISTSD 2022 - 3rd International Conference on Innovations in Science and Technology for Sustainable Development	Third	Aug-22		Architecture-based Evaluation of VGG16 and ResNet Models for an Online Deep Learning Environment for Medical Applications	Chilakalapudi H.P., Venkatesan R., Kamatham Y.	scopus	https://doi.org/10.1109/ICISTSD55159.2022.10010588
4	Dr. K. Yedukonda lu	2022 International Conference on Smart Generation Computing, Communication and Networking (SMART GENCON)	Second	Apr-23		An Energy Efficient Fuzzy Level Clustering for Stable Communications in Cognitive Sensor Networks	L.V.R. Chaitanya Prasad; Yedukondalu Kamatham; Dhiraj Sunehra	Scopus	https://doi.org/10.1109/SMARTGENCON56628.2022.10083920
5	Dr. P. Srinivasa Rao	Lecture Notes in Networks and Systems	First	2023	vol. 587, pp. 277-291	Digital Skeletonization for Bio-Medical Images	Perumalla S.R., Alekhya B., Raju M.C.	Scopus	https://doi.org/10.1007/978-981-19-7874-6_21
6	Mr. Karrar Hussain	Proceedings - International Conference on Applied Artificial Intelligence and Computing, ICAIIC 2022	First	2022	pp. 42-47	Internet of Things- Cloud Security Automation Technology Based on Artificial Intelligence	Hussain K., Vanathi D., Jose B.K., Kavitha S., Rane B.Y., Kaur H., Sandhya C.	Scopus	https://doi.org/10.1109/ICAIIC53929.2022.9792664
7	Mr. Karrar Hussain	2023 Third International Conference on Artificial Intelligence and Smart Energy (ICAIS)	First	Mar-23		Analysis Application of Big Data-based Analysis of Network Security and Intelligence	Karrar Hussain, Swati Sah; Bhaskar Seth; Nuzhat Fatima Rizvi; B V. Febiyola Justin	Scopus	https://doi.org/10.1109/ICAIS56108.2023.10073823
8	Mr. D. Bhanu Prakash	Third International Conference on Innovation in Science and Technology for Sustainable Development ICISTSD-2022	First	Aug-22	pp. 68-73	Plant Leaf Classification through Deep Feature Fusion with Bidirectional Long Short-Term Memory	Bhanuprakash Dudi, V Rajesh, G Prasanna Kumar		https://doi.org/10.1109/ICISTSD55159.2022.10010620
9	Mr. D. Bhanu Prakash	2023 2nd International Conference for Innovation in Technology (INOCON)	Third	Mar-23	pp. 1-6	Records of Patient Health Data and Medical Information Monitoring Using IOT	K Sarada, K Saikumar, Bhanuprakash Dudi, Mohammed Ayad Alkhafaji, Karrar Shareef Mohsen		https://doi.org/10.1109/INOCO-N57975.2023.10101301
10	Mr. D. Bhanu Prakash	AIP Conference Proceedings	Second	May-23	vol. 2477, no. 1	A real time image inverse and training process for future multi-media application with RFO machine learning technique	Ch Narendra, Dudi Bhanu Prakash	other	https://doi.org/10.1063/5.0151196
11	Ms. K. A. Jyotsna	2022 IEEE International Symposium on Smart Electronic Systems (iSES)	First	Feb-23	pp. 263-266	Design of 32-Bit ARM Processor Data Path Units utilizing DVS Current Mode Technique	K.A.Jyotsna,S.Suraj siddarth,P.Satish Kumar,B.K.Madhavi	Scopus	https://doi.org/10.1109/iSES54909.2022.00060
12	Ms. K. A. Jyotsna	2023 9th International Conference on Advanced Computing and Communication Systems (ICACCS)	Second	Mar-23	pp. 690-698	A Compressive Overview of Facial Feeling Responses Utilizing AI and Profound learning	Vijayalakshmi Ch, KA Jyotsna, G Jyothi, J Anitha, N Rajeswaran	Scopus	https://doi.org/10.1109/ICACCS57279.2023.10112781
13	Mr. L. Manjunath	2022 International Conference on Signal and Information Processing, IConSIP 2022	Second	Aug-22	pp. 1- 4	Artificial Intelligence and Internet of Things Analysis of Solar-based Internet of Energy Battery Management System Electric Vehicles	Singh S., Manjunath L., Sandhya C., Khubalkar D., Sharma S., Ramachandran G., Sureshkumar G.	Scopus	https://doi.org/10.1109/IConSIP49665.2022.10007459
14	Mr. L. Manjunath	Proceedings - 5th International Conference on Smart Systems and Inventive Technology, ICSSIT 2023	Second	Jan-23	pp. 1180-1186	Super Artificial Intelligence Medical Healthcare Services and Smart Wearable System based on IoT for Remote Health Monitoring	Elango S., Manjunath L., Prasad D., Sheela T., Ramachandran G., Selvaraju S.	Scopus	https://doi.org/10.1109/ICSSIT5814.2023.10060928
15	Ms. P. Kavitha	International Conference on Futuristic Technologies (INCOFT-2022)	Second	Apr-23	pp. 1-5	Design of design of J-Pole antenna for receiving ADS- B signals	B K B S Chandra Sekhar, P. Kavitha, Bh. Srinivas, Ch. Mahesh	Scopus	https://doi.org/10.1109/INCOFT55651.2022.10094397
16	Dr. Dhruva R. Rinku	ICT for Sustainable Development Goa	First	Nov-22	pp. 11-18	Exploring the Scheduling techniques for the RTOS	Dhruva R Rinku, M Asha Rani, Y Suhruth Krishna	Scopus	https://doi.org/10.1007/978-981-19-5331-6_2
17	Dr. S. Praveen chakravarthy	Sparse Channel Estimation Using Orthogonal Matching Pursuit (OMP) Algorithm for Next Generation Wireless Communications	First	Dec-22	pp. 1-6	Sparse Channel Estimation Using Orthogonal Matching Pursuit (OMP) Algorithm for Next Generation Wireless Communications	S.Praveen Chakravarthy, Gaddam Vivek, Anwar Baasha, Bharat Chandra, Sahithi Vangala, G. Saikiran	Scopus	https://doi.org/10.1109/C2I456876.2022.10051352
18	Dr. S. Praveen chakravarthy	6th Smart Cities Symposium (SCS 2022)	First	May-23	Vol 2022, pp. 357-361	Convolutional neural network (CNN) for image detection and recognition in medical diagnosis	Chakravarthy, S. Praveen, C. Gunasundari, K. Selva Bhuvaneswari, Bhisham Sharma, and Subrata Chowdhury	Scopus	https://doi.org/http://doi.org/10.1049/icp.2023.0579

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19	Dr. S. Praveen chakkravarty	1st International Conference on Computer, Power and Communications, ICCPC 2022 - Proceedings	Second	Mar-23	pp. 318–329	An Effective Addressal of Traffic using Tensor Flow	S. Swathi; S. Praveen Chakaravarthy; Allan J Wilson; A. Pon Bharathi	Scopus	https://doi.org/10.1109/ICCPGS5978.2022.10072253
20	Dr. Swapna Thouti	2023 9th International Conference on Advanced Computing and Communication Systems (ICACCS)	Third	May-23	pp. 1859-1863	High Gain More Stable Self Biased Two Stage Differential Amplifier for Bio-signal Processing	Pattem Sampath Kumar; Vijayalakshmi Ch; Swapna Thouti; G Prasanna Kumar; N. Rajeswaran	Scopus	https://doi.org/10.1109/ICACCS57279.2023.10112830
21	Ms. T. Padmavathi	Proceedings - 5th International Conference on Smart Systems and Inventive Technology, ICSSIT 2023	Second	Mar-23	pp. 17-22	Analysis of Ethical Issues Associated with Wearable Medical Devices	Venkatachalam S., Padmavathi T., Vinodh N., Thilagavathi J., Joshi G., Ramachandran G., Rajasekaran B.	Scopus	https://doi.org/10.1109/ICSSIT55814.2023.10061037
22	Mr. R. Prakash Kumar	3rd International Conference on Innovations in Science and Technology for Sustainable Development 2022	First	Jan-23	pp. 115-121	A Review on Efficient state-of-the-art Image Dehazing Techniques	Prakash Kumar R., Manja Naik N.	Scopus	https://doi.org/10.1109/ICISTSD55159.2022.10010424
23	Dr. V. Silpa Kesav	2023 International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics (IITCEE)	Second	Apr-23	pp. 1117 - 1122	Design of 8-bit Register Using OAI Logic at Subthreshold	D Lahari, SilpaKesav Velagaleti, Valli Nikitha	Scopus	https://doi.org/10.1109/IITCEES7236.2023.10091008
24	Dr. V. Silpa Kesav	2023 2nd International Conference for Innovation in Technology (INOCON)	First	Apr-23	pp. 1-7	Design of 8-bit ALU Using OAI Logic at Subthreshold Voltage	Silpa Kesav Velagaleti, D Lahari	Scopus	https://doi.org/10.1109/INOCON57975.2023.10100982
25	Dr. V. Silpa Kesav	2023 2nd International Conference for Innovation in Technology (INOCON)	First	Apr-23	pp. 1-6	A Low Power APB with an Area Efficient Structure	S. Velagaleti	Scopus	https://doi.org/10.1109/INOCON57975.2023.10100979
26	Dr. V. Silpa Kesav	2023 2nd International Conference for Innovation in Technology (INOCON)	First	Apr-23	pp. 1-5	An Integrated Security System for Bank Lockers Using Gated D-Latch	S. Velagaleti	Scopus	https://doi.org/10.1109/INOCON57975.2023.10101343
27	Mr. B. Shankar	2022 IEEE 3rd Global Conference for Advancement in Technology, GCAT 2022	Second	Dec-22	pp. 1-4	A Novel Approach for Improving Image Compression Ratio	Dharavath K., Bhukya S.	Scopus	https://doi.org/10.1109/GCAT55367.2022.9972021
28	Mr. K. Arun Kumar	ICIPCN 2022: Third International Conference on Image Processing and Capsule Networks, Lecture Notes in Networks and Systems	Third	Jul-22	Vol. 514, pp. 296-304	Analysis of IoT Cloud Security Computerization Technology Based on Artificial Intelligence	P. A. Padmaavathy, S. Suganya Bharathi, K. Arun Kumar, Ch. V. Sivaram Prasad & G. Ramachandran	Scopus	https://doi.org/10.1007/978-3-031-12413-6_23
29	Mr. G. Santhosh Kumar	2022 4th International Conference on Inventive Research in Computing Applications (CIRCA)	Fourth	Dec-22	pp. 1226-1229	Future IoT Application using Artificial Intelligence-Based Sensors:Agriculture	S Venkatachalam.Neeraja,S Kavitha ,B Rajasekaran,G Santhosh & Bibin K Jose	Scopus	https://doi.org/10.1109/ICIRCA54612.2022.9985712
30	Ms. M. Santhoshi	Proceedings - International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2022	Fourth	Jan-23	pp. 164-170	Analysis of Artificial Intelligence in Medical Sectors	Thilagavathi J., Lavanya K., Elango S., Santhoshi M., Muthumanickam T., Ramachandran G.	Scopus	https://doi.org/10.1109/ICAIS55157.2022.10010820
31	Ms. G. Snehalatha	2022 International Conference on Futuristic Technologies (INCOFT)	First	Apr-23	pp. 1-6	Stochastic Flash Analog to Digital Converter Compared with Conventional Resistor ladder Flash Analog to Digital Converter	G. Snehalatha; M. Anjikumar		https://doi.org/10.1109/INCOFT55651.2022.10094440
32	Ms. G. Snehalatha	2nd International Conference on Intelligent Technologies by IEEE Bangalore Section	First Author	Aug-22	pp. 1-9	Comparative Study and Review on Successive Approximation/Stochastic Approximation Analog to Digital Converters for Biomedical Applications	G.Snehalatha, Dr. J. Selvakumar and Dr. Esther Rani Thuraka	Scopus	https://doi.org/10.1109/CONIT55038.2022.9847947
33	Ms. T. Subha Sri Lakshmi	2nd International Conference on Intelligent Technologies (2nd CONIT 2022),	First	Aug-22		Performance Analysis of Shift-and-Add Architecture using RBA Adder for Low Latency Biomedical Signal Processing Applications	Subha Sri Lakshmi Thiruveedhi, Radhika P, Yedukondalu Kamatham		https://doi.org/10.1109/CONIT55038.2022.9847999
34	Ms. T. Subha Sri Lakshmi	2022 International Conference on Futuristic Technologies (INCOFT)	First	Apr-23		ASIC Implementation and Comparison of Recursive Filter using Different Adders for ECG Application	Subha Sri Lakshmi Thiruveedhi; P Radhika; Yedukondalu Kamatham; Arjula Roshini		https://doi.org/10.1109/INCOFT55651.2022.10094515
35	Dr. P. Anil Kumar	Lecture Notes in Electrical Engineering	Second	2022		Performance Evaluation of Various Precipitation Algorithms Over the Indian Subcontinent Region	Giri Prasad P., Anil Kumar P., Varadarajan S.		https://doi.org/10.1007/978-981-16-2761-3_47
36	Dr. Gaurav Sharma	International Congress on Advances in Mechanical and Systems Engineering (CAMSE-2022), Materials Today: Proceedings	Third	Jul-22		Alternative raw material selection and impact of goods and service tax in food industry	Bharti Sharma, Rakhi Arora, Gaurav Sharma	Scopus	https://doi.org/10.1016/j.matpr.2022.09.221
37	Dr. Gaurav Sharma	Materials Today: Proceedings	Third	2022		Food Industry: Experiencing positive impact after goods and service tax implementation	Sharma B., Arora R., Sharma G.	Scopus	https://doi.org/10.1016/j.matpr.2022.09.221
38	Ms. R. Prameela Devi	International Conference on Edge Computing and Applications, ICECAA 2022 - Proceedings	Second	Nov-22	pp. 575-578	Analysis of Hydroponic System Crop Yield Prediction and Crop IoT-based monitoring system for precision agriculture	Sathanapriya M., Devi R.P., Sandhya C., Pokuru A., Rahman T.H., Jose B.K., Gadde S.	Scopus	https://doi.org/10.1109/ICECAA55415.2022.9936473



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Books/Book Chapters

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S. No	Name of the Faculty	Title of Book/Chapter Name	Position of the Author	Year and Month of publication	Vol. No, Issue No, and Page No.	Publisher	Name of the authors (as published)	Indexing
1	Dr. L. Nageswara Rao	A Compact Orthomode Transducer in K-Band for Satellite Communications	Second	Sept., 2022	pp. 163-170	Algorithms for Intelligent Systems (SPRINGER)	V. Santhosh Kumar, NageswaraRao Lavuri & Abdul Subhani Shaik	Scopus
2	Mr. Karrar Hussain	Design of Various SRAM Attainment for FINFET	Second	2023	pp. 115-122	Lecture Notes on Data Engineering and Communications Technologies	Thiagarajan K., Hussain K., Kumar G.S., Senthilkumar C., Maniar R.	Scopus
3	Dr. S. Praveen Chakravarthy	DEMYSTIFYING INTERNET OF THINGS	First	Jan-23	vol. 1. pp.	Charulatha Publications	S. Praveen Chakravarthy, V. Arthi	other