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List of conference papers, books, book chapters during A.Y 2022-23

S. No.	Name of the Faculty	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	ISBN/ISSN number of the proceeding	Name of the publisher
1	B.Ch.Kiran Patrudu		Spectral Efficiency of Space-Constrained Massive MIMO Systems	ICAESCT-2022 PROCEEDINGS	978-93-5688-349-7	Dept.of ECE, ANITS
2	Ms. Perla Devi		Comparison of Weiner filter Method and Blind Deconvolution Method for Fast Moving Object Restoration	ICAESCT-2022 PROCEEDINGS	978-93-5688-349-7	Dept.of ECE, ANITS
3	Ms G.Gayatri		Development of FDM 3Dprinter using Arduino	ICAESCT-2022 PROCEEDINGS	978-93-5688-349-7	Dept.of ECE, ANITS
4	P.Murugapandiyan		AlGa _N double channel HEMTs for high-power switching applications	ICAESCT-2022 PROCEEDINGS	978-93-5688-349-7	Dept.of ECE, ANITS
5	KVG Srinivas		Achieving High Drive Currents in 4H-SiC MESFET by Asymmetric Drain Source Architecture	ICAESCT-2022 PROCEEDINGS	978-93-5688-349-7	Dept.of ECE, ANITS
6	R.Chandrasekhar		Performance Evaluation of Cooperative Non-Orthogonal Multiple Access for Next Generation Wireless Communication	ICAESCT-2022 PROCEEDINGS	978-93-5688-349-7	Dept.of ECE, ANITS
7	Srinivas Sabbavarapu;		FPGA implementation of low power DIT-FFT using Verilog for MIMO applications	ICAESCT-2022 PROCEEDINGS	978-93-5688-349-7	Dept.of ECE, ANITS

8	Srinivas Sabbavarapu;		FPGA implementation of low complex ACO based FIR filter	ICAESCT-2022 PROCEEDINGS	978-93-5688-349-7	Dept.of ECE, ANITS
9	Nitin Kumar		Smart agriculture through IOT-based smart and automated decision-making and alerting system (SADMAS)	ICAESCT-2022 PROCEEDINGS	978-93-5688-349-7	Dept.of ECE, ANITS
10	P.Devi Pradeep		CRC-Based Hardware Trojan Detection for Improved Hardware Security Using FPGA	ICAESCT-2022 PROCEEDINGS	978-93-5688-349-7	Dept.of ECE, ANITS
11	P Chaya Devi		Parking space management system based on deep learning	ICAESCT-2022 PROCEEDINGS	978-93-5688-349-7	Dept.of ECE, ANITS
12	B. Jena		Nature-Inspired Optimization Algorithm Based Multilevel Thresholding Technique using Gaussian Entropy	ICAESCT-2022 PROCEEDINGS	978-93-5688-349-7	Dept.of ECE, ANITS
13	J Bhaskara Rao and A.Sivakumar		Improved TK-FCM algorithm for brain tumour detection	ICAESCT-2022 PROCEEDINGS	978-93-5688-349-7	Dept.of ECE, ANITS
14	Ch Anoosha		Deception jamming to cancel Radar target echo using interrupted sampling repeater	ICAESCT-2022 PROCEEDINGS	978-93-5688-349-7	Dept.of ECE, ANITS
15	Swathi Nambari		Estimation of Radar Cross Section for Different Shaped and Plasma Covered Objects using Spherical Polar Scattering Geometry	ICAESCT-2022 PROCEEDINGS	978-93-5688-349-7	Dept.of ECE, ANITS
16	G.Indira Devi		Detection of diabetic retinopathy using convolutional neural networks	ICAESCT-2022 PROCEEDINGS	978-93-5688-349-7	Dept.of ECE, ANITS
17	G.Indira Devi		Object Identification from Underwater Image Sensory Stimuli Deep Learning	ICAESCT-2022 PROCEEDINGS	978-93-5688-349-7	Dept.of ECE, ANITS

18	Nirmala M		A Review of RCS Reduction Techniques Using Metasurface	ICAESCT-2022 PROCEEDINGS	978-93-5688-349-7	Dept.of ECE, ANITS
19	K.Yashoda;		Detection of counterfeit currency using knn supervised algorithm	ICAESCT-2022 PROCEEDINGS	978-93-5688-349-7	Dept.of ECE, ANITS
20	Vidyavathi Thota		Design and Analysis of Fractal Koch-like sided bow-tie antenna for Wireless Communication Applications	ICAESCT-2022 PROCEEDINGS	978-93-5688-349-7	Dept.of ECE, ANITS
21	Koduri Sreelakshmi		A compact dual band microwave rfid tag antenna based on SRR	ICAESCT-2022 PROCEEDINGS	978-93-5688-349-7	Dept.of ECE, ANITS
22	V.Vijaya Kumar raju		Clutter and Random Noise Elimination of Buried Objects using GPR	ICAESCT-2022 PROCEEDINGS	978-93-5688-349-7	Dept.of ECE, ANITS
23	Nagamani D		Comparison of Weiner filter Method and Blind Deconvolution Method for Fast Moving Object Restoration	ICAESCT-2022 PROCEEDINGS	978-93-5688-349-7	Dept.of ECE, ANITS
24	Mrs Deepa Bammidi		Automation of vehicle to vehicle distance measurement using IOT	ICAESCT-2022 PROCEEDINGS	978-93-5688-349-7	Dept.of ECE, ANITS
25	P. S. MayuraVeena		Detection and of lung cancer and identification of tumor stage in image processing using segmentation	ICAESCT-2022 PROCEEDINGS	978-93-5688-349-7	Dept.of ECE, ANITS
26	V.Shireesha		Ship Detection Using Synthetic Aperture Radar Imagery	ICAESCT-2022 PROCEEDINGS	978-93-5688-349-7	Dept.of ECE, ANITS
27	D.Nagamani		Ship Detection Using Synthetic Aperture Radar Imagery	ICAESCT-2022 PROCEEDINGS	978-93-5688-349-7	Dept.of ECE, ANITS
28	Vijay Kumar Sahu		Pattern Synthesis of Equally Spaced Linear Array of Microstrip Patch	ICAESCT-2022 PROCEEDINGS	978-93-5688-349-7	Dept.of ECE, ANITS

			Antenna using Modified Genetic Algorithm			
	V. Rajya Lakshmi		Pattern Synthesis of Equally Spaced Linear Array of Microstrip Patch Antenna using Modified Genetic Algorithm	ICAESCT-2022 PROCEEDINGS	978-93-5688-349-7	Dept.of ECE, ANITS
29	Somasekhar Borugadda		Study on Spectral Efficiency and Energy Efficiency Trade off in Massive MIMO	ICAESCT-2022 PROCEEDINGS	978-93-5688-349-7	Dept.of ECE, ANITS
30	P Chaya Devi;		A Review on Blood Cell Subtype Classification	ICAESCT-2022 PROCEEDINGS	978-93-5688-349-7	Dept.of ECE, ANITS
31	Rama Devi Bylapudi		Design of Vivaldi Antenna loaded with Dumbbell shaped slots for C-band Applications	ICAESCT-2022 PROCEEDINGS	978-93-5688-349-7	Dept.of ECE, ANITS
32	B. Jagadeesh		A novel approach for traffic sign detection based on image processing and traffic sign recognition based on random forest classifier	ICAESCT-2022 PROCEEDINGS	978-93-5688-349-7	Dept.of ECE, ANITS
33	N.Ashok Kumar		Statistical Accuracy Measures Comparison of Kinematic Navigation Algorithms	ICAESCT-2022 PROCEEDINGS	978-93-5688-349-7	Dept.of ECE, ANITS
34	K . Sreelakshmi		A compact dual band microwave rfid tag antenna based on srr	ICAEST-2022 PROCEEDINGS	978-93-5688-349-7	Dept. of ECE, ANITS
35	Ch.Padmasree		DC solenoid door lock keypad using ARDUINO UNO	ICAEST-2022 PROCEEDINGS	978-93-5688-349-7	Dept. of ECE, ANITS
36	B.Jena		Brain Tumour Detection by Multilevel Thresholding Using Opposition Equilibrium Optimizer	Ambient Intelligence in Health Care. Smart Innovation, Systems and Technologies, vol 317. Springer, Singapore.	978-981-19-6068-0	springer

37	Rama Devi Bylapudi		Design and Analysis of Fractal Koch-like sided bow-tie antenna for Wireless Communication Applications	ICAESCT-2022 PROCEEDINGS	978-93-5680-349-29	Dept.of ECE, ANITS
38	G.Indira Devi		Impact of Bioinformatics Microarray Gene Structural Rate Analysis (MGSRA) in Gene Therapy using Sequential Gene Pattern Matching (SGPM) for Preventive Medicine	International Conference on Inventive Research in Computing Applications (ICIRCA)	978-1-6654-9707-7	IEEE Explore
39	Dr. A. Lakshmi Narayana		Performance Evaluation of OFDM and FBMC with reduction of PAPR considering Companding Techniques	ICAESCT-2022 PROCEEDINGS	978-93-5680-349-7	Dept.of ECE, ANITS
40	Dr J Bhaskara Rao		“High-density impulse noise removal using Modified Probabilistic Decision-Based Trimmed Median Filter”	First International Conference on Technologies, Sustainable Development Goals and Academia 2022 (ICTSGA-1)	NIL	
41	S .Joshua Johnson		Cross-Domain Aware Approach for Improving Word Embeddings-Application Oriented Analysis	2022 IEEE World Conference on Applied Intelligence and Computing (AIC)	ISBN:978-1-6654-7988-2	IEEE
42	Dr.M.Ramakrishna Murthy		Cross-Domain Aware Approach for Improving Word Embeddings-Application Oriented Analysis	2022 IEEE World Conference on Applied Intelligence and Computing (AIC)	ISBN:978-1-6654-7988-2	IEEE
43	Dr.K.Selvani Deepthi		Multimodal Framework Using CNN Architectures and GRU for Generating Image Description	2022 2nd International Conference on Advance Computing and Innovative Technologies	10.1109/ICACITE53722.2022.9823588	IEEE
44	Dr.K.Selvani Deepthi		GSM and Wi-Fi Module Based Advanced Smart Irrigation Monitoring System using IoT	2022 IEEE International Conference on Data Science and Information System (ICDSIS)	10.1109/ICDSIS55133.2022.9915921	IEEE

45	G Suryakala Eswari		Presented in An Approach for finding Community Structures using Social Network -	ICAISC-2022 (SCOPUS).		Greenze Scientific Society
46	G Suryakala Eswari		Presented in An IoT based Smart Medicine Reminde	ICAISC-2022 (SCOPUS).		Greenze Scientific Society
47	Dr.K.Selvani Deepthi	Foundations of Data Science Theory and Applications			978-93-94304-19-2	GCS Publisher
48	N MARLINE JOYS KUMARI		Lecture Notes in Networks and Systems-BRAINTUMOR SEGMENTATION USING U-NET	International Conference on Smart Technologies in Data Science and Communication	9789811968792	Springer Nature, Singapore
49	Dr.Rohini A		An Approach for Hand Written Recognition using Bayesian Network	International Health Informatics Conference (I HIC 2022)	1613-0073 Vol(2786)	CEUR workshop Proceedings
50	Dr.Rohini A		Deep Learning based Approach for Land Surface Identification	International Health Informatics Conference (I HIC 2022)	1613-0073 Vol(2786)	CEUR workshop Proceedings
51	Dr.Rohini A		Analyze Ego-Centric Nodes in Social Network Using Machine Learning Technique	International Conference on Ambient Intelligence in Health Care	E.ISSN: 2190-3026 PP:169-177 Vol(317)	Smart Innovation System and Technologies
52	Nakka Marline Joys Kumari	Digital Innovation for Healthcare in COVID-19 Pandemic: Strategies and Solutions, 2022	Improving the diagnostic accuracy using amplification and sequencing of the SARS-CoV-2 genome		9780128213186	Science direct Academic Press, 2022,
53	Nakka Marline Joys Kumari	Advanced Wireless Communication and Sensor Networks: Applications and Simulations	Wireless Sensor Networks for Energy, E-Health, Building Maintenance and Agriculture Areas, and Simulation Results		9781032347189	Taylor & Francis Group, LLC,
54	Dr.Rohini A	Smart Innovation System and Technologies	Link Performance in Community Detection Using Social Network		E.ISSN: 2190-3026 PP:159-167 Vol(317)	Smart Innovation System and Technologies-springer

55	Mrs. Sree Lahari	Grenze Scientific Society	AI-IoT Based Health Care Reminder for Medication			Grenze Scientific Society
56	Dr.Rohini A		An Approach for finding Community Structures using Social Network	International Conference on Recent Advancements in Artificial Intelligence and Soft Computing - ICAISC-2022	Grenze Scientific Society (SCOPUS)	Grenze Scientific Society
57	Dr.V.Sangeeta	Wiley Online Library	Plant Pythology Detection using Deep Learning		DOI.ORG/10.1002/9781119865513.ch5	Wiley Online Library
58	Dr.Ch.DemuduNaidu	Filtering Methods to remove noise in digital color images			978-93-94304-34-5	GCS PUBLISHERS
59	Dr. Ram Prasad Reddy Sadi	IoT and Analytics in Renewable Energy Systems (Volume 2), AI, ML and IoT Deployment in Sustainable Smart Cities	Intelligent Coconut Harvesting System			CRC Press
60	Ravi Gorli, MV Kishore		Autamation of Image Processing with Artifitial and Pattern Recogniton methods	Intelligent Technologies for Scientific and Reserach and Engineering	9789390627226	Bentham Science Pulications
61	Prof.R.Srikanth		Microwave assisted pyrolysis of biomass feedstock fundamentals and the effect of process parameters	International Conference, ICE4CT		
62	Prof.R.Srikanth		Biodegradation of LDPE by paenibacillus and serratia isolated from marine soil sample	International Conference, ICATCHCOME 2023		
63	Mr.B.Pradeep Santosh Kumar		Synthesis of gold nano particles for electronic gadgets	ICAESCT-2022		
64	Mr.B.Pradeep Santosh Kumar		A Novel approach in synthesis of ZnO nanowires and its vital applications	ICAESCT-2022		