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List of conference papers, books, book chapters during A.Y 2021-22

S. No.	Name of the teacher	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	Dr. R. Satish	Modeling, Control and Optimization/ Next Generation Smart Grids	Evaluation of Algorithms for Fundamental and Harmonic Impacts of Integration of Renewable Energy Sources in Smart Power Distribution Networks		978-981-16-7794-6	Springer
2	Dr. Ch. V.N. Raja	Advances in Electrical Engineering	A Comparative Study in the Design of an Ann Based Controller		978-93-5570-117-6	AkiNik Publications
3	Dr. Ch. V.N. Raja	Advances in Electrical Engineering	Implementation of IT-SMC for Fault Rectification in a Grid-Connected PV System for Maximum Power Point Tracking		978-93-5570-117-6	AkiNik Publications
4	Dr. G. Raja Rao	Advances in Electrical Engineering	A New Algorithm for the Order Reduction of High Order Uncertain Systems		978-93-5570-117-6	AkiNik Publications
5	Dr. T. Narasimhulu	Advances in Electrical Engineering	A New Algorithm for the Order Reduction of High Order Uncertain Systems		978-93-5570-117-6	AkiNik Publications
6	Dr. G. Raja Rao		GSM and WiFi Module based Advanced Smart Irrigation Monitoring System using IoT	IEEE conference proceedings		IEEE digital Library
7	Dr. T. Narasimhulu		GSM and WiFi Module based Advanced Smart Irrigation Monitoring System using IoT	IEEE conference proceedings	--	IEEE digital Library

8	Prof.R.Sivaranjani	ECC based privacy-preserving mechanisms using Deep Learning for Industrial IoT: A state-of-the-art approaches			9781003032175	Taylor & Franchis,CRC Press
9	Mr.Joshua Johnson		Cross-Domain Aware Approach for Improving Word Embeddings-Application Oriented Analysis	2022 IEEE World Conference on Applied Intelligence and Computing (AIC)	Print 978-1-6654-7987-5 Online 978-1-6654-7988-2	IEEE-Scopus indexed
10	Dr.M.Ramakrishna Murty		Cross-Domain Aware Approach for Improving Word Embeddings-Application Oriented Analysis	2022 IEEE World Conference on Applied Intelligence and Computing (AIC)	Print 978-1-6654-7987-5 Online 978-1-6654-7988-2	IEEE-Scopus indexed
11	Prof.V.Sangeeta		Light Model for credit card Fraud Discovery	Advances in Micro-Electronics, Embedded Systems and IoT	Print 978-981-16-8549-1 Online 978-981-16-8550-7	Springer, SCOPUS Indexed
12	Dr.K.S.Deepthi		Multimodal Framework using CNN Architectures and GRU for Generating Image Description	ICACITE-2022(2nd International Conference on Advance Computing and Innovative Technologies in Engineering	Print 978-1-6654-3789-9 Online 978-1-6654-3790-5	IEEE-Scopus indexed
13	Dr.V.Sangeeta	Humanoid Robot for Aadhaar Services in Rural Development			: 978-981-5049-25-1 (Online) : 978-981-5049-26-8 (Print)	Bentham Science Books

14	N.Marline Joys		Comprehensive Analysis on Comparison of Machine Learning and Deep Learning Applications on Cardiac Arrest	ICDSA 2022 (3rd International Conference on Data Science and Applications)	2367-3389	IEEE
15	Mrs.N.Marline Joys	Improving the diagnostic accuracy using amplification and sequencing of the SARS-CoV-2 genome			9780128213186	Elsevier, Academic Press
16	Dr.K.S.Deepthi	Analysis of Cardiovascular Disease Prediction using Model-Agnostic Explainable Artificial Intelligence Techniques			9782668437919	IGI Global: International Academic Publisher
17	Dr. M.Ramakrishna Murty	Pneumonia Prediction Using Swarm Intelligence Algorithms			978-981-16-6265-2	Springer, Singapore
18	Prof. .R.Sivaranjani	Smart Home Energy Management System (SHEMS): Concept, Architecture, Infrastructure, Challenges, and Energy Managemen			978-0-323-85626-3	Elsevier, Academic Press
19	Prof. .R.Sivaranjani	Smart Energy Optimization Using New Genetic Algorithm in Smart Grid with			978-0-323-85626-3	Elsevier, Academic Press

		Integration of Renewable Energy Sources				
20	Mrs.T.Anitha	Recent Regulatory Control Changes related to energy storage in Asia: impact on the business cases			978-0-323-85626-3	Elsevier, Academic Press
21	Dr.K.S.Deepthi	Role of Explainable Artificial intelligence (XAI) in prediction of Non communicable Diseases (NCDs)			9781668437919	International Academic Publisher,Scopus Indexed
22	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
23	K.YASHODA		A COMPARISION STUDY OF LOW LIGHT IMAGES USING FUSION BASED METHODS	First International Conference on Technologies, Sustainable Development Goals and Academia 2022		ICTSGA
24	J Bhaskara rao		Improved TK-FCM Algorithm for Brain Tumor Detection	First International Conference on Technologies, Sustainable Development Goals and Academia 2022		ICTSGA
25	J Bhaskara rao		National conference on Applications of IoT and Deep Learning (NCAID_2k22)	SELF-TUNING ALGORITHM FOR NOISE SUPPRESSION IN		NCAID

				COLOUR IMAGES		
26	A.Siva Kumar		National conference on Applications of IoT and Deep Learning (NCAID_2k22)	SELF-TUNING ALGORITHM FOR NOISE SUPPRESSION IN COLOUR IMAGES		NCAID
27	Dr K V G Srinivas		FPGA IMPLEMENTATION OF CANONICAL SIGNED DIGIT ALGORITHM BASED FLOATING POINT MULTIPLICATION	First International Conference on Technologies, Sustainable Development Goals and Academia 2022		ICTSGA
28	V.V.K.Raju		DETECTION OF COVID-19 FROM CHEST X-RAY IMAGES USING DEEP CONVOLUTION NEURAL NETWORKS	First International Conference on Technologies, Sustainable Development Goals and Academia 2022		ICTSGA
29	Vijay Kumar Sahu		DETECTION OF COVID-19 FROM CHEST X-RAY IMAGES USING DEEP CONVOLUTION NEURAL NETWORKS	First International Conference on Technologies, Sustainable Development Goals and Academia 2022		ICTSGA
30	P.Murugapandiyam		In _{0.13} Al _{0.83} Ga _{0.04} N/AlN/GaN/In _{0.04} Ga _{0.96} N HEMT for High Power Millimeter Wave Electronics	2021 IEEE Madras Section Conference (MASCON)		IEEE
31	MR B. Jena		Adaptive Grey wolf Optimization Algorithm with Gaussian Mutation	ICAC 2021, Lecture Notes in Networks and Systems		Springer
32	Mr.P.Devi Pradeep		CANCER PREDICTION WEB APP USING MACHINE LEARNING AND DEEP LEARNING	ICTSGA conference(International Conference on Technologies, Sustainable		IEEE

				Development Goals and Academia 2022 (ICTSGA-1))		
33	Ms.M.Nirmala		A Decoupled Dual Element Reconfigurable MIMO Antenna with Improved Isolation for Wireless Applications	12th International Conference on Computing Communication and Networking Technologies (ICCCNT-2021)	Electronic :978-1-7281-8595-8 Print on Demand(PoD) :978-1-7281-8596-5	IEEE
34	T Ramathulasi, T Anitha, Anupama Angadi, P.Saraswathi	Sustainable Networks in Smart Grid	Recent regulatory control changes related to energy storage in Asia:impact on the business cases	Elsevier	978-0-323-85626-3	Elsevier
35	Appala Srinivasu Muttipati Poosapati Padmaja	Discovering Identical Frequent Sub-Graphs in Object-Oriented Design: using Graph Partitioning and Closed Sub-graph Approach	Design: using Graph Partitioning and Closed Sub-graph Approach		978-620-3-47264-6	Lap Lambert Academic Publishing
36	Dr. Ram Prasad Reddy Sadi	AI Applications	AI Applications		978-93-94304-16-1	GCS Publishers
37	Dr. Ram Prasad Reddy Sadi	Statistics for Engineers with R Programming	Statistics for Engineers with R Programming		9798886842715	Notion Press
38	Mr. Ch.Demudu Naidu	Filtering methods to remove noise in digital color images	Filtering methods to remove noise in digital color images		978-93-94304-34-5	GCS Publishers
39	Anupama Angadi	Algorithms for Intelligent Systems (AIS) Series	An Improved Locality Sensitive Hashing-based Recommender Approach in a Distributed Environment	Proceedings of ICRTCIS 2021		Springer
40	Anupama Angadi		Semi-Supervised Label Propagation Community Detection on Graphs with GNN	Proceedings of ICAITPR2022.		IEEE

41	Anupama Angadi		Image-based Content Recommendation System with CNN	Fifth International Conference on I-SMAC(IoT in Social, Mobile, Analytics, and Cloud)	978-1-6654-2641-1	IEEE
42	Anupama Angadi	International Conference on Applied Artificial Intelligence and Computing	Exploring Graph Embeddings For Making Recommendations Using Graph Neural networks	ICAAIC-2022		IEEE
43	Satish Kumar P		Hybridization of Modified Cuckoo-Moth Flame Optimization for Effective Route Recovery of Networks	Proceedings of ICMEET-2021		Springer
44	Dr.M.Rekha Sundari		Boost your career	National Conference on Emerging Trends in Computer Science Engineering and Information Technolog		Gopalan College of Engineering and Management
45	Dr.M.Rekha Sundari		Fatality prediction in Road Accidents using Neural Networks	10th International Conference on Recent trends in Computing ICRTC-2022		Springer
46	Dr.M.Rekha Sundari		Project based learning: A teaching Pedagogy			IUCEE foundation
47	Prasadu Reddi		New Analytic Framework of Public Mental Health Prediction using Data Science	Proceedings of ICSTSN 2022		AU
48	Mrs. A.BhanuSri		HandWriting Recognition and plagiarisam checking			AU
49	Mrs.K.Swathi		Captivating You tube recommendations	NCAID_2K22		AU

50	Miss. D.Chandrika		Crop Recommendation System			AU
51	Dr.V.Suresh		Sign Language Detection			AU
52	Dr.V.Suresh		Skin Cancer Classification Using CNN			AU
53	Mrs. G.Vijaya Lakshmi		Leaf Fungicide Recommendation using EfficientNetV2B0			AU
54	Mrs.M.Swathi		Indoor Marker-Based Localization Using Augmented Reality			AU
55	Dr.B.N.D Narasingarao	Geotechnical Characteristics of Thermal Powertech Flyash from Krishnapatnam, Nellore	-	-	978-981-16-2259-5	Springer
56	Dr. Md. Sabirunnisa Gouse	Diasporic Insights in Jhumpa Lahiri's Short Story Unaccustomed Earth		Identity Anthology	- 978-93-90750-10-8	Writers Villa Publications
57	Dr. Y.Bheem Shankar Rao	An Investigation of FT-IR and UV Spectra of 4-Amino-2-(Imino) Thiazole Derivatives			978-93-90833-92-4	Scripown Publications
58	Lenin VR	Multidisciplinary subjects for research	Numerical investigation of heat transfer enhancement in a narrow rectangular channel with surface modification		:978-1-300-51637-8	Redshine Publisher

59	Lenin V R	Advances in Renewable Energy Engineering	Adsorption based greenhouse systems for sustainable agriculture		: 978-93-5570-175-6	AkiNik Publications
60	K Naresh Kumar	carbon fiber friction materials	design and development of MWCNT grafted carbon fiber reinforced friction materials		:978-620-3-92815-0	Lap Lambert
61	A.Venkatesh, N.Shankar, S Phani Kumar		Dynamically adaptive gain super twisting sliding mode control for extending the ranges of hydrogen fuel cell based electric vehicles	IEEE international conference o electronics, computing and communication technologies	:978-1-6654-2849-1/21	IEEE
62	M.Sailaja, N.Ganesh, R.Pallavi		Study on Effect of Wire EDM Process Parameters in Machining of INCONEL-625	Virtual International Conference on Research Contributions in Mechanical Engineering (ICRCME-2022)	: 978-1-5136-9400-9	Seshadri Rao Gudlavalleru Engineering College
63	Ch.Maheswara rao		Study on Effect of Wire EDM Process Parameters in Machining of INCONEL-626	Virtual International Conference on Research Contributions in Mechanical Engineering (ICRCME-2022)	: 978-1-5136-9400-9	Seshadri Rao Gudlavalleru Engineering College
64	B.B.Ashok Kumar, G.Karuna Kumar, B.Nitish Bharadwaj, G.Dilip Kumar		Optimal Setting of Wire-EDM Process Parameters by Assignments of Weights Method	Virtual International Conference on Research Contributions in Mechanical Engineering (ICRCME-2022)	: 978-1-5136-9400-9	Seshadri Rao Gudlavalleru Engineering College
65	K.Gowri Shankar, D.Laxman, Ch.Sandeep		Application of taguchi's quality loss function analysis during machining of AA6061-T6 alloy	Virtual International Conference on Research	: 978-1-5136-9400-9	Seshadri Rao Gudlavalleru Engineering College

				Contributions in Mechanical Engineering (ICRCME-2022)		
66	Ch.Maheswara rao,		Application of taguchi's quality loss function analysis during machining of AA6061-T6 alloy	Virtual International Conference on Research Contributions in Mechanical Engineering (ICRCME-2022)	: 978-1-5136-9400-9	Seshadri Rao Gudlavalleru Engineering College
67	G.Uma Maheswara rao, Ch.VarshiniShreyesha, K.Karthik		Enhancements in Mechanical Characteristics of Hybrid Aluminium Metal Matrix Composite (Al7075/B4C/SiC)	The National Conference on Advances in Mechanical Sciences (AIMS 2022)		Mahendra Institute of Technology, Tiruchengode
68	Ch.Maheswara rao,		Enhancements in Mechanical Characteristics of Hybrid Aluminium Metal Matrix Composite (Al7075/B4C/SiC)	The National Conference on Advances in Mechanical Sciences (AIMS 2022)		Mahendra Institute of Technology, Tiruchengode
69	P.Ramya, B.Pavan Kumar, G.Yernaaidu		Effect on Tribological Properties Owing to Inclusion of SiC/Al ₂ O ₃ Reinforcements in Al-6061	The National Conference on Advances in Mechanical Sciences (AIMS 2022)		Mahendra Institute of Technology, Tiruchengode
70	Ch.Maheswara rao,		Effect on Tribological Properties Owing to Inclusion of SiC/Al ₂ O ₃ Reinforcements in Al-6062	The National Conference on Advances in Mechanical Sciences (AIMS 2022)		Mahendra Institute of Technology, Tiruchengode
71	B.Krishna Prafulla, P.Srinivas Kalyan, C.V.Satish		Experimental Studies on Mechanical Properties of Al6061/SiC/Al ₂ O ₃ Composite	The National Conference on Advances in Mechanical		Mahendra Institute of Technology, Tiruchengode

				Sciences (AIMS 2022)		
72	Ch.Maheswara rao,		Experimental Studies on Mechanical Properties of Al6061/SiC/Al2O3 Composite	The National Conference on Advances in Mechanical Sciences (AIMS 2022)		Mahendra Institute of Technology, Tiruchengode
73	K.S.Lalitha Soujanya, K.Chaitanya Kumar, SG.Simeon		Improvements in Wear Behavioural Characteristics of Al7075/B4C/SiC Composite by Stir Casting Process	The National Conference on Advances in Mechanical Sciences (AIMS 2022)		Mahendra Institute of Technology, Tiruchengode
74	Ch.Maheswara rao,		Improvements in Wear Behavioural Characteristics of Al7075/B4C/SiC Composite by Stir Casting Process	The National Conference on Advances in Mechanical Sciences (AIMS 2022)		Mahendra Institute of Technology, Tiruchengode
75	M.Prasanth kumar, B.Hemanth, VVS.Bhaskara raju		Optimization of influencing factors in mechanical testing of different Hot-air aged vibration damping materials using taguchi technique	International conference on advances in engineering science and technology (ICAEST 2022)	:978-1-68576-326-8	IEEE
76	J.Eswara Manikanta, B.Naga Raju		Nanoparticle enriched cutting fluids in metal cutting operation: a Review	CAMSE 2021		Dr.B.R.Ambedkar National Institute of Technology, Jalandhar
77	B.Nagaraju		Investigation of mechanical and machining characteristics of coconut shell ash reinforce aluminium composites	ICERTT-2K21		Bule Hora University college of engineering and technology