



## Anil Neerukonda Institute of Technology & Sciences (Autonomous)

(Permanent Affiliation by Andhra University & Approved by AICTE  
Accredited by NBA (ECE, EEE, CSE, IT, Mech. Civil & Chemical) & NAAC)

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### List of conference papers, books, book chapters during A.Y 2019-20

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.Murugapandiyan		Performance analysis of InAlN/GaN MOSHEMT for high power RF applications	Emerging trends in water resources and environmental engineering	: 978-981-13-2037-8	Springer Singapore
2	Ms.P.Chaya Devi		Positioning Strategies: Implementation and Applications of Major Source Localisation and Positioning Approaches over Indian Subcontinent	Emerging trends in water resources and environmental engineering	: 978-981-13-2037-8	Springer Singapore
3	Ms.B.Deepa		Design and Analysis of symmetric and Asymmetric staircase Patch Antenna	AICTE Sponsored International Conference on Computing, Communication, Electrical, and Electronics Engineering-2020	:978-93-89107-69-2	IFERP
4	Ms.P.ChayaDevi		Design and Analysis of symmetric and Asymmetric staircase Patch Antenna	Positioning Strategies: Implementation and Applications of Major Source Localisation and Positioning Approaches over Indian Subcontinent	<a href="#">978-981-15-3827-8</a>	springer
5	Ms.B.Deepa		Smart Agriculture using IoT	Design and Analysis of symmetric and Asymmetric staircase Patch Antenna	978-981-15-3827-8	springer
6	Ms.Ch.Anoosha		Smart Agriculture using IoT	Design and Analysis of symmetric and Asymmetric staircase Patch Antenna	978-981-15-3827-8	springer

7	Ms.P.Chaya Devi		Smart Agriculture using IoT	Smart Agriculture using IoT	<a href="#">978-981-15-5400-1</a>	springer
8	Ms.G.Gayatri		Arrhythmia Recognition and Evaluation of ECG Signal using Signal Processing Techniques	Smart Agriculture using IoT	<a href="#">978-981-15-5400-1</a>	springer
9	B.Deepa		Adaptive Beam Steering of Smart Linear Array Using LMS and RLS Algorithms	Smart Agriculture using IoT	<a href="#">978-981-15-5400-1</a>	springer
10	B.Deepa		Remote monitoring and control by embedded database design and web server implementation using SQLite database and Boa web server	Intelligent System Design, Advances in Intelligent, Springer	<a href="#">978-981-15-5400-1</a>	springer
11	Mr. B. Jena		Neural Network-Based Random-Valued Impulsive Noise Suppression Scheme	Intelligent System Design, Advances in Intelligent, Springer	978-1-5090-3356-0	Springer
12	Mr. B. Jena		A Comparative Study on Multilevel Thresholding using Meta-Heuristic Algorithm	ICAML 2019, IEEE Explore	978-1-7281-3908-1	IEEE Explore
13	Mr. B. Jena	Biometrics: Concepts, Methodologies, Tools, and Applications	Study of Noise Removal Techniques for Digital Images		13: 9781522509837	IGI Global
14	M.Nirmala		Design of Ultra-wideband Antenna with dual notch Characteristics at WiMAX/WLAN bands	IEEE International Conference on Intelligent Systems and Green Technology (ICISGT-19)	E-:978-1-7281-1423-1 P-:978-1-7281-1424-8	IEEE
15	Aditya Sundar	-	Performance Analysis of Classification Algorithm in Machine Learning over Air Pollution Database	Intelligent Computing and Communication	978-981-15-1084-7	Springer
16	A Durga Praveen Kumar		-Intelligent Liver Disease Prediction(ILDP) System using MachineLearning Models	intelligent control and communication	978-981-15-8438-1	Springer

17	A Durga Praveen Kumar	-	Performance Analysis of Classification Algorithm in Machine Learning over Air Pollution Database	Intelligent Computing and Communication	978-981-15-1084-7	Springer
18	Dr.R.Swaroopo rani		separation studies of ternary complexes of L-Aspartic acid and ethylenediamine of essential metal ions with dioxan-water mixtures	international conference on Recent Advances in Chemical Pharmaceutical and Life Process(RACPL-2019)(Andhra University, Visakhapatnam.)	NIL	Andhra University and Andhra pradesh
19	Mr. K. Deniel Raju		LRS Bianchi type - I generalized ghost pilgrim dark energy model in Saez-Ballestes theory of gravitation	international conference on Recent Advances in Chemical Pharmaceutical and Life Process(RACPL-2019)(Andhra University, Visakhapatnam.)		Andhra University and Andhra pradesh
20	Mr. M. Vinod Kumar		Existence of fixed points and common fixed points of generalized F-H- $\phi$ - $\psi$ - $\varphi$ -weakly contractive mappings	international conference on Recent Advances in Chemical Pharmaceutical and Life Process(RACPL-2019)(Andhra University, Visakhapatnam.)		Andhra University and Andhra pradesh
21	Mr. T. Sreenivas		A Theoretical Study Of Biomolecular Spectra: Lie Algebraic Method	international conference on Recent Advances in Chemical Pharmaceutical and Life Process(RACPL-2019)(Andhra University, Visakhapatnam.)		Andhra University and Andhra pradesh
22	Dr. G. Suryanaryana		Locally rotationally symmetric Bianchi type - I cosmological model in F(R,T) gravity	international conference on Recent Advances in Chemical Pharmaceutical and Life Process(RACPL-2019)(Andhra University, Visakhapatnam.)		Andhra University and Andhra pradesh
23	Mr. B. Ravi Kumar		On Soft ternary Gamma Semi-rings I	JOURNAL OF PHYSICS CONFERENCE SERIES	1742-6596/	Journal of Physics: Conf. Series
24	Mr. B. Ravi Kumar		On Soft Ternary Gamma-Semi rings-II		2277-3878	IJRTE

25	Mr. B. Ravi Kumar		Naïve properties of Automatic theorem proving using Upper rough approximations			
26	Mrs. Ch. Uma Swetha		On solving transportation problem with trapezoidal approximation of LR - flat Fuzzy numbers			
27	Dr.G.Suryanarayana		LRS B ianchi type – I Generalized Ghost pilgrim dark energy in saez-Ballestr theory with linearly varying deceleration parameter.			
28	Dr.G.Suryanarayana		Kaluza-Klein holographic cosmological models in Brans-Dicke theory of gravitation			
29	Dr. J. Vijaya Kumar		An Improved Control Scheme of Electric Spring for Voltage Regulation in Distribution System with Renewable Energy Sources	National conference on Engineering Trends in Smart Grid Technologies		
30	Dr.N. Patnaik		Comparative Performance Analysis of DTC fed Three-Phase and Five-Phase Induction Motor		2644-1802	
31	Dr T Narasimhulu, Prof G Raja Rao, Prof P Mallikarjuna		Comparative Analysis of Control Design for Uncertain MIMO Systems		2644-1802	
32	Dr T Narasimhulu, Prof G Raja Rao, Prof P Mallikarjuna		Design of a Sliding Mode Controller for Uncertain Systems			
33	Dr T Narasimhulu, Prof G Raja Rao, Prof P Mallikarjuna		Design of Controller for Multi Input and Single Output systems			
34	Dr. N. Patnaik		Fuel Cell Based Sapf System with Dual Mode Operation		2644-1802	

35	Dr. J. Vijaya Kumar		Soft Computing for Integration and Location of Wind Power Generation in a Distributed System			
36	P. Mallika Rani		2-Stage Cross Current Extraction of Pectin from Mixed Fruit Pomace Waste	International Conference on Water, Energy, And Environmental Sustainability 2020	-	NIT-Durgapur
37	R. Srikanth		A feasibility study on the production of methyl ester from second and third generation feed stocks	Recent Advances in Materials and Manufacturing (ICRAMM 2019)	9.78163E+12	ELSEVIER
38	T Kranthi		Novel Approach of DNA Sequencing Algorithm to Image Security	International conference of Signal processing	:978-1-5090-4620-1	IEEE
39	G.Gowri Pushpa		Novel Approach of DNA Sequencing Algorithm to Image Security	International conference of Signal processing	:978-1-5090-4620-1	IEEE
40	Dr.V.Usha Bala		Smart Water Monitoring and Purifying System	International Conference on Impact of Emerging Technology in Engineering & Management ICIETEM 2019	ISSN: 2348 – 8387	SSRG
41	G Jagadesh		A Novel approach to hide audio data in cover image using Green color based key positioning Image steganography	ICCUBEA		ELSEVIER
42	Dr.M.Ramakrishna Murty`		Identification of Natural Disaster Affected Area Using Twitter	Springer AISC Springer ICETC-2019	DOI: 10.1007/978-3-030-24322-7-92	Springer Nature Singapore Pte Ltd
43	G.Santoshi		Multiple Hand-Gestures for Cursor Movement Using Convolution Neural Networks	Intelligence systemm design	-978-981-15-5400-1	Springer, Singapore
44	Jagadish Gurrala		A Secure framework for Communicating Multimedia Data in Cover Images Using Hybrid Steganography Algorithms in Wireless Local Area Network	Advances in communication technologies	ISSN: 2278-3075	IJITEE

45	G.Gowripushpa		Multiple Hand-Gestures for Cursor Movement Using Convolution Neural Networks	Intelligence system design	-978-981-15-5400-1	Springer, Singapore
46	Dr.R.Sivaranjani	Theory and practice	Secure Multi party key agreements		978-620-0-32764-2	LAMBERT Academic Publishing
47	Dr.R.Sivaranjani	Intelligent Decision Support Systems Applications in Signal Processing	coronary Heart Disease prediction using generic algorithm based decision tree		978-3-11-062110-5	degruyter
48	P.Naga Srinivasu	Bio-inspired Neurocomputing	An Automated segmentation of Brain MR Image through Fuzzy Recurrent Neural Network		ISSN 978-981-15-5495-7	Springer Nature Singapore Pte Ltd
49	P.Viswarupachary		size influence on zeta potential and electrical studies in SBNN ferroelectric materials for device applications	ICAFMD-2019		NIT Warangal
50	Dr. B.Hymavathi	Nanostructured	Cr doped CdO thin films for optoelectronic devices		978-620-2-68368-5	Lambert Academic Publishing, Mauritius