

G NARAYANAMMA INSTITUTE OF TECHNOLOGY AND SCIENCE (FOR WOMEN)**(Autonomous) Shaik pet, Hyderabad****Number of books/book chapters/conference publications during 2019-2020 = 41**

SI. No.	Name of the teacher	Title of the book published	Title of the chapters published	Year of publication	ISBN number	Name of the publisher	Link
1	Dr.N.Kalyani	International Conference on Robotics Design and Applications using wireless sensor networks, IoT	on Autism Spectrum Disorder Recognition Techniques	2020	978-93-89107-33-3	Institute for Engineering Research and Publication	https://www.gnits.ac.in/wp-content/uploads/2023/09/124.pdf
2	Dr.A.Sharada	International Conference on Robotics Design and Applications using wireless sensor networks, IoT	Learning Approach for Stress Detection using	2020	978-93-89107-33-3	Institute for Engineering Research and Publication	https://www.gnits.ac.in/wp-content/uploads/2023/09/125.pdf
3	Dr.D.V.Lalita Parameswari	Robotics Design and Applications using wireless sensor networks, IoT	Analysis on Wisconsin Breast Cancer	2020	978-93-89107-33-3	Institute for Engineering Research and Publication	https://www.gnits.ac.in/wp-content/uploads/2023/09/128.pdf
4	Dr.G.Malini Devi	Robotics Design and Applications using wireless sensor networks, IoT	A Complete Monitor to Shishu	2020	978-93-89107-33-3	Institute for Engineering Research and Publication	https://www.gnits.ac.in/wp-content/uploads/2023/09/130.pdf
5	Bhageshwari Ratkal	International Conference on Smart Computing and Informatics	Automatic reminder list to assist people with Alzheimer's	2020	978-98-11055-44-7	Springer	https://link.springer.com/chapter/10.1007/978-981-16-0878-0_7

6	Jayashree S Patil	Network Security	--	2020	979-8671985436	National, independently published, Michigan	https://www.amazon.com/NETWORK-SECURITY-Dr-Aruna-Rao/dp/B08FKPGVXX
7	Dr.M.Seetha	Springer :ICETE & Advances in Decision Sciences, Image Processing, Security and Computer Vision	Detection and Tracking of Text from Video Using MSER and SIFT	2020	978-3-030-24318-0_82	Springer	https://link.springer.com/chapter/10.1007/978-3-030-24318-0_82#:~:text=From%20the%20results%20obtained%20from,%2C%20noise%2C%20rotation%20and%20illumination.
8	Dr.G.Malini Devi	Robotics Design and Applications using wireless sensor networks, IoT and Artificial Intelligence	Sensile Psychosis	2020	978-93-89107-33-3	Institute for Engineering Research and Publication	https://www.gnits.ac.in/wp-content/uploads/2023/09/129.pdf
9	Dr.D.V.Lalita Parameswari	Robotics Design and Applications using wireless sensor networks, IoT and Artificial Intelligence	Multiscale Object Detection for Remote sensing Imagery	2020	978-93-89107-33-3	Institute for Engineering Research and Publication	https://www.gnits.ac.in/wp-content/uploads/2023/09/127.pdf

10	Jayashree S Patil	Robotics Design and Applications using wireless sensor networks, IoT and Artificial Intelligence	Credit based consensus mechanism using block chain system for providing secure Industrial Internet of Things	2020	978-93-89107-33-3	Institute for Engineering Research and Publication	https://www.gnits.ac.in/wp-content/uploads/2023/09/126.pdf
11	Rakesh Kumar Y	Proceedings of the 3rd International Conference on Intelligent sustainable systems(ICISS 2020)	Dehaze Model to Improve object visibility under atmospheric degradation	2020	978-172817089-3	IEEE	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9316018
12	M.Madhuri Latha	IEEE International conference on Advanced Networks and Telecommunications Systems(ANTS-2020) held at Indraprastha Institute of Information Technology	Beamformed Sensing using Dominant DoA in cognitive mm wave Network	2020	978-1-7281-9290-1	IEEE	https://ieeexplore.ieee.org/document/9342783

13	Dr.Swapna Raghunath	National E-Conference on Technology for impactful and sustainable development of the society (TISDS)	Precision Agriculture for a Sustainable India – A Review	2020	978-93-90214-05-1	TISDS	https://www.gnits.ac.in/wp-content/uploads/2023/09/Dr-R-S_104.pdf
14	Dr.K.Ragini	International Conference on Robotics Design and Applications using wireless sensor Networks, IoT and Artificial Intelligence(ICR DASIA)	Design of High Speed Approximate Redundant Binary Multiplier	2020	978-9-3891-0733-3	IFERP	https://www.gnits.ac.in/wp-content/uploads/2023/09/Dr-K-R_105.pdf
15	Dr.Swapna Raghunath	International Conference on Robotics Design and Applications Using Wireless Sensor Networks, IoT and Artificial Intelligence(ICR DASIA),	Detection of Plasma Bubbles using Ground Based GNSS Receiver Data Network	2020	978-9-3891-0733-4	IFERP	https://www.gnits.ac.in/wp-content/uploads/2023/09/Dr-R-S_106.pdf

16	Dr.C.Padmaja	International Conference on Robotics Design and Applications Using Wireless Sensor Networks, IoT and Artificial Intelligence(ICR DASIA),	Design and Implementation of Smart car Parking System using LabView	2020	978-9-3891-0733-5	IFERP	https://www.gnits.ac.in/wp-content/uploads/2023/09/CP_107.pdf
17	M.Bhavana	International Conference on Robotics Design and Applications Using Wireless Sensor Networks, IoT and Artificial Intelligence(ICR DASIA)	An IoT Based Air and Noise Pollution Monitoring System	2020	978-938910733-3	IFERP	https://www.gnits.ac.in/wp-content/uploads/2023/09/MB_108.pdf

18	Deepthi Amuru	Proceedings - IEEE International Symposium on Circuits and Systems	An efficient gradient boosting approach for PVT aware estimation of leakage power and propagation delay in CMOS/FinFET digital cells	2020	978-1-7281-3320-1	Scopus	https://ieeexplore.ieee.org/document/9180600
19	Deepthi Amuru	Proceedings - IEEE International Symposium on Circuits and Systems	ATM: Approximate toom-cook multiplication for speech processing applications	2020	978-1-7281-3320-1	Scopus	https://ieeexplore.ieee.org/document/9181069
20	Dr.Renuka Devi SM	International Conference on Inventive Research in Computing Applications (ICIRCA 2020)	Detection of similar objects and localizing on each using Depth Camera	2020	978-1-7281-5374-2	IEEE	https://ieeexplore.ieee.org/document/9182902

21	Dr.Swapna Raghunath	3rd International Conference on Soft Computing and Signal Processing (ICSCSP), Malla Reddy College of Engineering and Technology	An Efficient ROTI based Equatorial Plasma Bubble Detector for Low Latitude Regions	2020	978-981-33-6912-2	Springer	https://www.gnits.ac.in/wp-content/uploads/2023/09/Dr-R-S_112.pdf
22	GVNSK Sravya	3rd International Conference on Soft Computing and Signal Processing (ICSCSP), Malla Reddy College of Engineering and Technology, Hyderabad.	An Efficient ROTI based Equatorial Plasma Bubble Detector for Low Latitude Regions	2020	978-981-33-6912-2	Springer	https://www.gnits.ac.in/wp-content/uploads/2023/09/GVNSK_113.pdf
23	P.Roopa Ranjani	3rd International Conference on Soft Computing and Signal Processing (ICSCSP), Malla Reddy College of Engineering and Technology	An Efficient ROTI based Equatorial Plasma Bubble Detector for Low Latitude Regions	2020	978-981-33-6912-2	Springer	https://www.gnits.ac.in/wp-content/uploads/2023/09/PRR_114.pdf

24	P.Chandrasekhar	International Joint Conference on Neural Network(IJCNN-2020)	Acoustic Scene Classification using Single Frequency Filtering Cepstral Coefficients and DNN	2020	978-1-7281-6926-2	IEEE	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9207257
25	Dr.Renuka Devi SM	International conference on communication and information processing(ICCI P-2020)	Pothole Detection using CNN and AlexNet	2020	978-1-4503-8809-2	Springer	https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3648822
26	N.Harini	International Conference in Engineering Research &Management(I CERM)	Third Eye for Blind using Ultrasonic Sensor	2020	https://doi.org/10.5281/zenodo.8378476	UGC	https://www.gnits.ac.in/wp-content/uploads/2023/09/NH_117.pdf
27	GVNSK Sravya	International Conference in Engineering Research &Management(I CERM)	Third Eye for Blind using Ultrasonic Sensor	2020	https://doi.org/10.5281/zenodo.8378476	UGC	https://www.gnits.ac.in/wp-content/uploads/2023/09/GVNSK_118.pdf

28	Dr.B.Venkatesh ulu	Proceedings of theFourth International Conference on Trends in Electronics and Informatics (ICOEI 2020)	Performance Evaluation Of 2 X 2 MIMO Reconfigura ble Testbed Communicat ion System	2020	978-1-7281-5518-0	IEEE	https://ieeexplore.ieee.org/abstract/document/9142969
29	Allipuram Sujatha Reddy	26th National Conference on Communications , NCC 2020	Mitigating Jamming Attacks in MIMO system with Bursty traffic	2020	978-1-7281-5120-5	Scopus	https://ieeexplore.ieee.org/abstract/document/9056030
30	PN.Ramya	Second International Multidisciplinar y Conference on Latest Research Trends (LRT- 2020)	Integrated IoT Based System for Accident Reporting and Automatic Toll Collection using RFID	2020	978-93-88683-18-0	Springer	https://www.gnits.ac.in/wp-content/uploads/2023/09/81.pdf

31	V.Sesha Bhargavi	International Conference on Continuity, Consistency and Innovation in Applied Sciences and Humanities (ICCIASH-2020)	Real Time Health Risk Assessment during Pandemic	2020	978-93-88096-42-3	St.Martin's Engineering College, Secunderabad	https://www.gnits.ac.in/wp-content/uploads/2023/09/82.pdf
32	Dr. I. RaviPrakash	International Conference on Advances in Computational Intelligence and Informatics ICACII 2019: Advances in Computational Intelligence and Informatics	An Efficient Intrusion Detection System with Convolutional Neural Network	2020	978-981-15-3337-2	Springer	https://link.springer.com/chapter/10.1007/978-981-15-3338-9_22
33	Dr.Rajkumar L Biradar	2020 4th International Conference on Electronics, Communication and Aerospace Technology (ICECA)	PAPR Reduction in Space Time Coded MIMO-OFDM Systems using SCS-SLM Technique	2020	978-1-7281-6387-1	IEEE	https://ieeexplore.ieee.org/abstract/document/9297519

34	Ms.G.Swetha	2020 4th International Conference on Electronics, Communication and Aerospace Technology (ICECA)	Implementation on Non linear adaptive equalizer for MIMO OFDM in Wireless Communication	2020	978-1-7281-6387-1	IEEE	https://ieeexplore.ieee.org/document/9297435
35	Dr.G.Srivalli	World Conference on Applied Sciences, Engineering and Management	A broadband MIMO array with Gap Couping for 5G Applications	2020	978-81-930222-8-3	Goole Scholer	https://www.gnits.ac.in/wp-content/uploads/2023/09/1_Gap-Coupled-Four-Element-MIMO-Array-for-5G-Applications.pdf
36	Dr.M.Vijaya Lakshmi	International conference on robotics design and applications using wireless sensor networks,IOT,Artifitial intelligence	Improved training based channel estimation technique for MIMO-OFDM system	2020	978-93-89107-33-3	Goole Scholer	https://www.gnits.ac.in/wp-content/uploads/2023/09/Improved-Training-Based-Channel-Estimation-Technique-for-MIMO-1.pdf

37	Dr.M.Vijaya Lakshmi	International conference on robotics design and applications using wireless sensor networks,IOT,Artificial intelligence	Training Based Channel Estimation Technique Using Improved LMS Algorithm for MIMO-OFDM System	2020	978-93-89107-33-3	Goole Scholer	https://www.gnits.ac.in/wp-content/uploads/2023/09/4_-Training-Based-Channel-Estimation-Technique-Using-Improved-LMS.pdf
38	Dr.M.Vijaya Lakshmi	International conference on robotics design and applications using wireless sensor networks,IOT,Artificial intelligence	Performance of QAM System with Convolutional Codes	2020	978-93-89107-33-3	Goole Scholer	https://www.gnits.ac.in/wp-content/uploads/2023/09/5_Performance-of-QAM-System-with-Convolutional-Codes.pdf
39	Dr.P.Shobharani	AICTE Sponsored National E-Conference on Technology for Impactful and Sustainable Development of the Society (TISDS)	Precision Agriculture for a Sustainable India – A Review	2020	978-93-9021-405-1	G. Pullaiah College of Engineerin	https://www.fcrits.in/research/publications/

40	Dr. Medha Bhushan	Advances in Energy Materials	Studies on Synthesis and Various Characteristics of Green Materials for Energy Conversion Applications	2020	978-3-030-50108-2	Springer publications	Studies on Synthesis and Various Characteristics of Green Materials for Energy Conversion Applications SpringerLink
41	Dr. K. Syamala Devi	AICTE Sponsored National E-Conference on Technology for Impactful and Sustainable Development of the Society (TISDS)	Precision Agriculture for a Sustainable India – A Review	2020	978-93-9021-405-1	G. Pullaiah College of Engineerin	http://www.gpcet.ac.in/wp-content/uploads/2023/05/TISDS_brochure.pdf