

G NARAYANAMMA INSTITUTE OF TECHNOLOGY AND SCIENCE (FOR WOMEN) (Autonomous)**Shaikpet, Hyderabad****ECE Department****Total Publications in 2023: 85, Scopus:04**

Sl. No.	Name of the teacher	Title of the book published	Title of the chapters published	Year of publication	ISBN number	Whether at the time of publication Affiliating Institution was same Yes/NO	Name of the publisher
1	Dr.K.Ragini	International Conference on Intelligent Computing and Communication (ICICC-22)	Implementation of 64-bit Inexact Speculative half unit based Floating point Adder	2023	978-981-99-1588-0_39	YES	Springer
2	Dr.K.Ragini	International Conference on Intelligent Computing and Communication (ICICC-22)	Analysis of Serial-in-Parallel-out finite field multiplier using various Domino Logic Styles	2023	978-981-99-1588-0_22	YES	Springer
3	P.Satyanarayana Goud	International Conference on Intelligent Computing and Communication (ICICC-22)	Dragon Fruit stem Disease Detection using Image Processing	2023	978-981-99-1588-0_41	YES	Springer
4	Y. Rakesh Kumar	International Conference on Intelligent Computing and Communication (ICICC-22)	Dragon Fruit stem Disease Detection using Image Processing	2023	978-981-99-1588-0_41	YES	Springer
5	V. Radhakrishna	International Conference on Intelligent Computing and Communication (ICICC-22)	Dragon Fruit stem Disease Detection using Image Processing	2023	978-981-99-1588-0_41	YES	Springer
6	A Sujatha Reddy	Physical Layer Secrecy of Fading Channels		2023	978-93-91462-70-3	YES	VSRD
7	Dr.K.Ragini	Designand Implementation of Reordered Normal Basis Finite Field Multiplier Using Np Domino Logic		2023	978-93-91462-71-0	YES	VSRD
8	M. Shanthi	A Handbook of Building Aninternet of Thingssystem For Smart Transportation		2023	978-93-91462-72-7	YES	VSRD
9	Dr SwapnaRaghunath	Nurturing Nature: The Art and Science of Organic Farming		2023	978-93-91462-73-4	YES	VSRD
10	Dr.B.Venkateshulu	Smart city framework utilities Based on lora		2023	978-93-91462-74-1	YES	VSRD

11	T.Srilatha	ESP32 Home Automation System With Manual and Voice control feedback using IoT		2023	978-93-91462-75-8	YES	VSRD
12	C Sridhar Babu	Smart security system for home Automation		2023	978-81-19385-50-8	YES	AEPH
13	Chindam Hari Prasad	MRI Image Segmentation For Detection Of Brain Tumors		2023	978-81-19385-51-5	YES	AEPH
14	V.Uma	IoT Based Vehicle Theft Detection and Prevention System		2023	978-81-19385-52-2	YES	AEPH
15	N. Krishna jyothi	Design And Analysis Of C-Band Antenna Based On FSS Using HFSS		2023	978-81-19385-53-9	YES	AEPH
16	N. Harini	High Security Locking System Using Arduino		2023	978-81-19385-54-6	YES	AEPH
17	P. Madhuri	Orthogonal Frequency Division Multiplexing		2023	978-81-19385-55-3	YES	AEPH
18	P Satyanaraya Goud	ECG Signal Processing For Computation Of BP Using Pan-Tompkins Algorithm And Hardware Implementation		2023	978-81-19385-56-0	YES	AEPH
19	P. Roopa Ranjani	Secure Transmission Of Medical Data for Health-Care Systems		2023	978-81-19385-57-7	YES	AEPH
20	P. Lavanya	IoT Based Pollution and Weather Monitoring System		2023	978-81-19385-58-4	YES	AEPH
21	V. Purna Chandra Reddy	Design and Simulation of Notch Band UWB MIMO Antenna For Wireless Applications		2023	978-81-19385-59-1	YES	AEPH
22	Dr.Swapna Raghunath	Research Methodologies and Intellectual Property Rights		2023	978-81-19385-60-7	YES	AEPH
23	Sarada A	Implementation Of E-Healthcare System to monitor vital signs		2023	978-81-19385-61-4	YES	AEPH
24	Parupalli Sri Padma	Mini Lift Controlled By Bluetooth		2023	978-81-19385-62-1	YES	AEPH
25	V.Radha Krishna	Kidney stone detection using convolutional Neural Networks Approach		2023	978-81-19385-63-8	YES	AEPH
26	V Shankar	Low-Power High-Performance 2-4 and 4-16 mixed decoders		2023	978-81-19385-64-5	YES	AEPH

27	Y. Prakash	Analysis Of E-Shaped Substrate Integrated Waveguide Antenna		2023	978-81-19385-65-2	YES	AEPH
28	Y Rakesh Kumar	FPGA-Enabled Liver Tumor Segmentation: Speeding up Medical Image Analysis		2023	978-81-19385-66-9	YES	AEPH
29	Dr.M.Vijayalakshmi	Enhanced Data Transmission Using Li-Fi In Visible Light Communication (VLC) Technology		2023	978-81-19385-10-2	YES	AEPH
30	Ch. Anusha	Vehicle Theft Detection and Identification: A Practical Guide using Arduino and ESP32 CAM		2023	978-81-19385-11-9	YES	AEPH
31	B. Tulasi Sowjanya	Distributed Space Time Codes – Doubling Construction		2023	978-81-19385-12-6	YES	AEPH
32	Dr G Srivalli	Design of Tri-Band L Shaped Parasitic Patch Antenna		2023	978-81-19385-13-3	YES	AEPH
33	Dr Renuka Devi S M	Pothole Detection using Alexnet & RGB-D images		2023	978-81-19385-14-0	YES	AEPH
34	Dr. C. Padmaja	Home Security System Using IOT		2023	978-81-19385-15-7	YES	AEPH
35	K.Swathi	IoT Based Water Quality Monitoring System		2023	978-81-19385-16-4	YES	AEPH
36	Dr.B.Venkateshulu	Safe Guard Crop from Animal Attack		2023	978-620-6-68681-1	YES	LAP Lambert Academic
37	CH. Ganapathy reddy	digital signal processing		2023	978-620-6-68672-9	YES	LAP Lambert Academic
38	V.Uma	Media Player Controlling by hand gestures Recognition		2023	978-620-6-73773-5	YES	LAP Lambert Academic
39	Vadde Radha Krishna	Home Safety and Security System		2023	978-620-6-73765-0	YES	LAP Lambert Academic
40	Dr G Srivalli	Compact Wearable Bluetooth Antenna		2023	978-620-6-68608-8	YES	LAP Lambert Academic
41	Chindam Hari Prasad	MRI Image Segmentation for Detection of Brain Tumors		2023	978-620-6-75091-8	YES	LAP Lambert Academic
42	B Tulasi Sowjanya	Mining Safety System		2023	978-620-6-73845-9	YES	LAP Lambert Academic
43	Parupalli SriPadma	Smart Restaurant menu ordering system		2023	978-620-6-75193-9	YES	LAP Lambert Academic
44	Sujatha Allipuram Reddy	Secrecy Performance of the Wiretap Channel		2023	978-620-6-73916-6	YES	LAP Lambert Academic

45	Sujatha Allipuram Reddy	Probability Of Strictly Positive Secrecy Capacity Of Fading Channels		2023	978-620-6-73918-0	YES	LAP Lambert Academic
46	Dr. Chandrasekhar Paseddula	Support Vector based Speech Emotion Recognition		2023	978-620-6-73880-0	YES	LAP Lambert Academic
47	Dr. Chandrasekhar Paseddula	Smart and Safe Child Rescue System from Borewell		2023	978-620-6-73852-7	YES	LAP Lambert Academic
48	Dr.C.Padmaja	Driver DrowsinessSystem using Visual behaviour and Machine Learning		2023	978-620-6-73703-2	YES	LAP Lambert Academic
49	T. Srilatha	Smart Cradle System		2023	978-620-6-68593-7	YES	LAP Lambert Academic
50	T srilatha	RFID based automatic petrol pump system		2023	978-620-6-73810-7	YES	LAP Lambert Academic
51	Madhuri Pocha	PAPR Reduction in OFDM		2023	978-620-6-73803-9	YES	LAP Lambert Academic
52	K. Swathi	Agribot for Seed Sowing and Fertilizer Spray		2023	978-620-673775-9	YES	LAP Lambert Academic
53	Lakshmi Methra	Kalman Filter Design for Ballistic Missile Defence Application		2023	978-620-6-73696-7	YES	LAP Lambert Academic
54	Rakesh Kumar Y	Liver Tumor Detection from CT Scan images using DIP		2023	978-620-6-73698-1	YES	LAP Lambert Academic
55	N.Harini	Sign language to text conversion using image processing and machine learning		2023	978-620-6-73841-1	YES	LAP Lambert Academic
56	GVNSK Sravya	Surveillance Robot		2023	978-620-6-68664-4	YES	LAP Lambert Academic
57	V Shankar	Prediction of COVID-19 Severity by Applying Machine Learning Techniques		2023	978-620-6-73837-4	YES	LAP Lambert Academic
58	Shanthi M	A Guide to Navigation Control of Drone using Hand Gestures		2023	978-620-6-73739-1	YES	LAP Lambert Academic
59	Mr. Sridhar Babu C	Smart Security system using Arduino		2023	978-620-6-73815-2	YES	LAP Lambert Academic
60	P. Satyanarayana Goud	OP-AMP Based ECG signal processing for Computation of BPM		2023	978-620-673881-7	YES	LAP Lambert Academic
61	P. Satyanarayana Goud	Computation of BPM using PAN-TOMPKINS Algorithm in ECG Signals		2023	978-620-668629-3	YES	LAP Lambert Academic
62	Pathem Lavanya	Smart Queue Monitoring Robot		2023	978-620-6-68662-0	YES	LAP Lambert Academic

63	G.Madhavi	Optical Ethernet		2023	978-620-6-73791-9	YES	LAP Lambert Academic
64	Prakash Yelaki	Automatic Medication dispersion		2023	978-620-6-73777-3	YES	LAP Lambert Academic
65	Anusha Chilupuri	Developing Application Using ESP32CAM with Arduino		2023	978-620-6-73720-9	YES	LAP Lambert Academic
66	G. Krishna Kishore	Fingerprint based bank locker system using arduino uno		2023	978-620-6-73717-9	YES	LAP Lambert Academic
67	G. krishna kishore	Wi Fi Based Smart Doorbell Security System Using IoT		2023	978-620-6-74022-3	YES	LAP Lambert Academic
68	G. krishna kishore	Alzot: An Iot Based Health Care Assistant For Alzheimer's Patient		2023	978-620-6-74023-0	YES	LAP Lambert Academic
69	Purna Chandra Reddy V	Detection Of Diabetic Retinopathy Using Local Binary Pattern		2023	978-620-6-74004-9	YES	LAP Lambert Academic
70	Renuka Devi S M	Fault Identification in Solar PV Panels Using Machine Learning		2023	978-620-6-68551-7	YES	LAP Lambert Academic
71	Dr.M.Vijayalakshmi	Solar Powered Vacuum And Wet Cleaner Robot		2023	978-620-6-18433-1	YES	LAP Lambert Academic
72	Vadde Radha Krishna	IoT Based Smart Shopping Cart using RFID		2023	978-620-6-18417-1	YES	LAP Lambert Academic
73	Sarada A	Electricity Generation from Speed Breakers		2023	978-620-6-18386-0	YES	LAP Lambert Academic
74	Parupalli SriPadma	Super Resolution of Images		2023	978-620-6-73862-6	YES	LAP Lambert Academic
75	P Roopa Ranjani	Third Eye for Blind Using ARDUINO		2023	978-620-6-68569-2	YES	LAP Lambert Academic
76	Dr.K.Ragini	International Conference on Electronics, Communication and Computing Systems (ICECCS_2023)	Design of a RISC-V Processor Using Booth Algorithm	2023	-	YES	ICECCS
77	Dr. C. Padmaja	3rd International Conference on Recent Trends in Engineering Technology and Management 2023	Machine Learning based Analysis on Behavioural difference between Depression and Anxiety	2023	-	YES	ICRTETM
78	Dr. C. Padmaja	International conference on Intelligent Electronics and Communication Devices (IECOM23)	Non-Orthogonal Pilot based Channel Estimation in Massive MIMO FDD System	2023	978-93-5917-433-4	YES	IEEE

79	Sai Spandana Pudipeddi	8th International Conference on Micro-Electronics, Electromagnetics and Telecommunications	Specific Absorption Rate Evaluation in Layered Human Head Models using Transparent Conducting Film	2023	-	YES	Scopus
80	M Madhuri Latha	International Symposium on Personal, Indoor and Mobile Radio Communications	DoA Estimation using Cascaded Neural Networks and Angle Classification for Coherent Signals	2023	978-1-6654-6483-3	YES	IEEE & Scopus
81	Dr. Renuka Devi S M	IEEE Sponsored International Conference on Multidisciplinary Research in Technology and Management (MRTM 2023)	Physical video game	2023	-	YES	IEEE
82	Dr. Renuka Devi S M	1st International Conference on Emerging Technologies in Engineering and Science	Piano Note Recognition Using FFT	2023	-	YES	Scopus
83	Dr Renuka Devi S M	4th International Conference on Image Processing and Capsule Network	An Enhanced Real-Time System for Wrong-Way and Over Speed Violation Detection Using Deep Learning	2023	978-981-99-7092-6	YES	Scopus
84	Dr Renuka Devi S M	International Conference on Sustainable Communication Networks and Application (ICSCNA)	Comparison of COVID-19 Diagnosis by CNN Model and ResNet using Chest X-Ray	2023	-	YES	IEEE
85	Dr Renuka Devi S M	3rd International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES -2023).	A real-time multiple traffic violation detection system using deepSORT	2023	-	YES	IEEE