



A J INSTITUTE OF ENGINEERING AND TECHNOLOGY

NH-66, Kottara Chowki, Mangaluru -575006, Karnataka, INDIA

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List of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings with Source Website link of Book.

Sl. No.	Name of the teacher	Title of the Book/ Book Chapter	Year	Website Link
1.	Dr. Kiran Kumar V G	Futuristic Trends in Electronics & Instrumentation Engineering Volume 3 Book 1	2023-24	View Document
2.	Dr. Ranjan Kumar Mahapatra , NSV Shet, Sankata Bhanjan Prusty, Dr. Gnane S Satapathi , B Manjukiran	Critical Review on Heart Disease Prediction: A Machine Learning Approach	2023-24	View Document
3.	Naveen Kumar S M, Manu Vijay, Dr. Amarnath Shetty , Sagar, Shashank P	Analysis and Design of Single Vent Box Curvet for different loading Condition by using STAAD PRO software	2023-24	View Document
4.	Prakash K Shetty	Face Mask Detection and alert system using Artificial Intelligence for COVID-19 Patients	2023-24	View Document
5.	Dr. Gnane Swarnadh Satapathi , Neelapala, Anil Kumar, and Satya Anuradha Mosa	Severity Analysis Automation for Detection of Non-Proliferative Diabetic Retinopathy	2023-24	View Document
6.	Dr. Antony P J , D.S. Radhika Shetty	Transfer Learning Techniques in Medical Image Classification,	2023-24	View Document
7.	Subramany V Odeyar, d Chaithra K N, Venugopal Rao A S, Anupama K	Advanced Exploration of Machine Learning in Cybersecurity: A Comprehensive Analysis	2023-24	View Document
8.	B Manjukiran, Ranjan Kumar Mahapatra, Gnane Swarnadh Satapathi	Non Invasive Blood Glucose Level Detection	2023-24	View Document



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9.	Dr. Ranjan Kumar Mahapatra, Gnane Swarnadh Satapathi, Manjukiran B	Design and Analysis of Microstrip Wideband Filter	2023-24	View Document
10.	Dr. Antony P J, Dr. Laxmi Gulappagol	Design and Analysis if low power Multimodulus Frequency Divider using True Single-Phase Clock	2022-23	View Document
11.	N. Rashmi, F.J. Serrao, V.S. Kindalkar, K. Kuma ra, N.B. RithinKumar, M.B. Savitha, Joyline G. D'sa	Investigations on structural, optical and electrical properties of microwave-assisted rGO: ZnO nanocomposite thin films	2022-23	View Document
12.	Dr. Laxmi Gulappagol, Khushi PaL, Kittu Kumari Singh, Yashika A Krishnani and Yuktika A Krishnani	A Survey Paper on SAATHI: Women-Safety-Device Using IoT	2022-23	View Document
13.	Suresha D; Aravinda CV; Roheet Bhatnagar	Distance Estimation in Video using Machine Learning	2022-23	View Document
14.	Mrs.Vidya Myageri	Brain Tumor Detection using deep Learning	2022-23	View Document
15.	Dr. Ranjan Kumar Mahapatra, Gnane Swarnadh Satapathi, Manjukiran B	Compact wideband microstrip circular patch antenna for 6G application	2022-23	View Document
16.	Dr. Vighnesha Nayak	Performance, Combustion and Emission Study for a Single Cylinder CI Engine with Cardanol oil Biodiesel.	2022-23	View Document
17.	Dr. Vighnesha Nayak	Cyclic Variation and Combustion Analysis of Single Cylinder CI Engine with Cardanol Oil Biodiesel	2022-23	View Document
18.	Dr. Ranjan Kumar Mahapatra, Gnane Swarnadh Satapathi	Design and analysis of microstrip patch antenna	2022-23	View Document



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19.	Dr. Ranjan Kumar Mahapatra, Gnane Swarnadh Satapathi,	Analysis of Modulation schemes Using Rayleigh and AWGN channel for wireless sensor nodes in Internet of Things	2022-23	View Document
20.	Dr.Naganna Chetty	Climate Policy and e-Participation Resilience: Insights from Social Media	2022-23	View Document
21.	Sudheer Kini K	Bending Deflection Solutions of Thick Beams Using a Third-Order Simple Single Variable Beam Theory	2022-23	View Document
22.	Dr.Suresha D	KGAN:A Generative Adversarial Network Augmented Convolution Neural Network Model for Recognizing Kannada Language Digits", Proceedings of ICCIS 2021	2022-23	View Document
23.	Dr Sangeetha D M	Modern Materials for Engineering and research	2022-23	View Document
24.	Dr Sangeetha D M	GC-RASM 2022	2022-23	View Document
25.	Dr. Gnane swarnadh Satapathi,Neelapala Anil kumar, Mosa Satya Anuradha	System on chip based Automated Optic Disk Segmentation in Retinal Images	2021-22	View Document
26.	Mr Ganesh U G, Mr Shreyas H	NVSSLMS Algorithm Adaptive Method Implementation for Acoustic Echo Cancellation	2021-22	View Document
27.	Ramanath Kini M G; Laxmi Gulappagol; Vidya Dudhanikar	Geofencing Technology for Sustaining Vehicular Noise Pollution in Urban Areas	2021-22	View Document
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29.	Basappa B Kodad, Demian Antony D'Mello	Secure Data Deduplication(SD2eDup) in Cloud Computing: Threats, Techniques and Challenges	2021-22	View Document
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31.	Dr Sangeetha D M	GC-RASM 2021	2021-22	View Document
32.	Mr. Pradeep Kumar, Shreelatha, Sameeksha Shetty, Harshitha C Prabhu, Chaitrali	An Approach to Analysis on Covid-19 Data Through Web Scraper and Voice Assistant – A Survey	2020-21	View Document
33.	Mrs. Sushma , Mrs. Snitha Shetty , Mrs. Aparna Shetty , Mrs. Saranya Babu and Mrs. Sharon D'souza	Text Identification System for Translation of English Language.	2020-21	View Document
34.	Dr. Gnane Swarnadh Satapathi, Manjukiran, Prakash Shetty	Slantlet Radar Waveform for Effective Side-Lobe Suppression.	2020-21	View Document
35.	Prakash K Shetty, Azem Iqbal Vora, Prashant Kumar Soori	Towards Sustainable Cooling Strategy for Developing Nations: Opportunities for an Off-grid Solar DC Refrigerator	2020-21	View Document
36.	Sahana K Adyanthaya	Text Recognition from Images: A Study	2020-21	View Document
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38.	Prof. Amarnath Shetty	Handbook of Environmental Engineering (vol-1) -Solid waste management	2020-21	View Document
39.	KG Pradeep Kumar, K Karunakara, GS Thyagaraju and Sunanda Dixit	Detection of Diabetic Retinopathy using Deep Mining	2020-21	View Document
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