



A J INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

A Unit of Laxmi Memorial Education Trust®

(Approved by AICTE, New Delhi. Affiliated to Visveswaraya Technological University, Belagavi)

Accredited by NBA (BE: CV, CSE, ECE, ISE, ME)

3.3.2 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five year.

Our faculty members have presented and published research article in various conferences and book chapter of edited volume. Also, our faculty have authored books. College is continuously supporting and motivating for publications. Following table illustrates the publications of our faculty in the last five years. Also, link is provided in the last column which comprises of the related document of each published article of conference proceedings and cover page illustrating ISBN with table of contents of authored books during the respective year.

Year	2023-24	2022-23	2021-22	2020-21	2019-20
Number	9	15	7	8	1

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

Sl. No.	Name of the teacher	Title of the paper	Year	Link to the Source Website
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



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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
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 of low power Multimodulus Frequency Divider using True Single-Phase Clock	2022-23	View Document
11.	N. Rashmi , F.J. Serrao, V.S. Kindalkar, K. Kumara, 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



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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
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	2022-23	View Document



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		Language Digits", Proceedings of ICCIS 2021		
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
28.	Dr. Suresha D	Confidence Analysis of a Solo Sign-On Device for Distributed Computer Networks: A Modeling Approach	2021-22	View Document
29.	Basappa B Kodad, Demian Antony D'Mello	Secure Data Deduplication(SD2eDup) in Cloud Computing: Threats, Techniques and Challenges	2021-22	View Document
30.	Dr. Sangeetha D M, Abhishek S. and Mallikarjuna G.S	Defluoridation of Water using Corn Cobs Powder -An effective Risk Reducing agent	2021-22	View Document
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



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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
37.	Dr. Vighnesha Nayak	Effect of Static Ignition Timing on the Emission and Performance Characteristics of a Four-Cylinder MPFI Engine Fueled by LPG	2020-21	View Document
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
40.	Dr. Antony P J, B.S. Vandana, Sathyavathi R. Alva	Analysis of Malignancy Using Enhanced GraphCut-Based Clustering for Diagnosis of Bone Cancer	2019-20	View Document