



# 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)

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## 2.3 Teaching Learning Process - Participative Learning

### Summary of Seminar Presentation - A Y: 2023-24

#### Department of Electronics & Communication Engineering

Sl No	USN	Name	Title
1	4JK20EC001	Abhijeeth C	An Industrial Cloud Based IOT System For Real Time Monitoring And Controlling Of Wastewater
2	4JK20EC002	Abhinethri C T	A Review On E-Waste: Fostering The Need For Green Electronics
3	4JK20EC003	Adithya G V	An Overview Of Smart Irrigation System Susing Iot
4	4JK20EC004	Akash	Design, Modeling And Hardware Implementation Of Regenerative Breaking In Electric Two Wheeler
5	4JK20EC006	Amal Dominic	An Intelligent Iot Based System Design For Controlling And Monitoring Greenhouse Temperature.
6	4JK20EC007	Amith Melric Veigas	Smart Home Automation Using Intelligent Electricity Dispatch
7	4JK20EC008	Ankitha	Design And Implementation Of Microstrip Patch Antenna For 5G Applications
8	4JK20EC009	Aswin Shaji	Low Cost CNN For Automatic Violence Recognition On Embedded System
9	4JK20EC010	Athmiya Raj A G	IOT Based Automatic Electronic System For Monitoring And Control Of Street Lighting
10	4JK20EC011	Bhavish B Malli	Discovering Hazards In Iot Architectures: A Safety Analysis Approach For Medical Use Cases.
11	4JK20EC012	Chethan	Design Of An Elliptically-Slotted Patch Antenna For Multi-Purpose Wireless Wi-Fi And Biosensing Applications
12	4JK20EC013	Deeptha Suresh A	FPGA-Based Implementation Of Ship Detection For Satellite On-Board Processing
13	4JK20EC014	Dhanush V Kotian	Critical Review Of Recent Developments Of Wireless Power Transfer Technology For Unmanned Aerial Vehicle
14	4JK20EC015	Durgesh	Iot-Enhanced Smart Road Infrastructure Systems For Comprehensive Real-Time Monitoring
15	4JK20EC016	Geetha D P	Autocon-Iot: Automated And Scalable Online Conformance Testing For Lot Applications
16	4JK20EC017	Hardik	An Efficient Lora-Enabled Smart Fault Detection And Monitoring Platform For The Power Distribution System Using Self-Powered Iot Devices
17	4JK20EC018	Harshith	Design And Analysis Of Hybrid IOT Adder For Low Power Applications
18	4JK20EC019	Hemanth Kumar H N	Low-Price Prosthetic Hand Controlled By Emg Signals

Principal

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19	4JK20EC020	Hitaishini C U	VLSI Implementation Of Lossless ECG Compression Algorithm
20	4JK20EC021	Jhnanika N M	Wild Animals Intrusion Detection Using Deep Learning Techniques
21	4JK20EC023	Keerthan Tilak Mendon	End-To-End Encryption In Resource-Constrained Iot Device
22	4JK20EC024	Manish Shetty	A Low-Cost Assistive Wheelchair For Handicapped & Elderly People
23	4JK20EC025	Manjusha M	Egcrypto: A Low-Complexity Elliptic Galois Cryptography Model For Secure Data Transmission In Iot
24	4JK20EC026	Mohan Singh Khati	Cryptographic System For Data Applications, In The Context Of Internet Of Things
25	4JK20EC027	Muhammed Rabeeh Rahman K V	Iot-Based Healthcare And Monitoring Systems For The Elderly
26	4JK20EC028	Navya B R	Solar Tracking System For Optimal Power Generation In Embedded System
27	4JK20EC029	Prashanth S M	Embedded System Vehicle Based On Multi-Sensor Fusion
28	4JK20EC030	Rasim Musthafa	A Generic Crypto Tolling Architecture
29	4JK20EC031	Roshan P S	Overlap Aware Compressed Signal Classification
30	4JK20EC032	Sahil Monna Pinto	Low Power Neural Network By Reducing SRAM Operating Voltage
31	4JK20EC033	Sandesh	Study Of Cryptographic Techniques Adopted In Blockchain
32	4JK20EC034	Seema J Rai	The Impact Of AI Applications On Smart Decision-Making In Smart Cities As Mediated By The Internet Of Things And Smart Governance
33	4JK20EC036	Soundarya B S	Iot Based Approach For Load Monitoring And Activity Recognition In Smart Homes
34	4JK20EC037	Spoorthi	Design And Development Of A Low-Cost 5-DOF Robotic Arm For Lightweight Material Handling And Sorting Applications
35	4JK20EC038	Swasthik Kamath	Artificial Intelligence Image Recognition Method Based On Convolutional Neural Network Algorithm
36	4JK20EC039	Valarie Neeshma Sequeira	Automated Breast Mass Classification System Using Deep Learning And Ensemble Learning In Digital Mammogram
37	4JK20EC040	Sanjana	Implementation Of Iot Based Smart Assistance Gloves For Disabled People
38	4JK20EC041	Prajwal	Exploring And Characterizing Large Language Models For Embedded System Development And Debugging
39	4JK21EC401	Manikya	A Novel Hybrid Cryptographic Framework For Secure Data Storage In Cloud Computing:

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			Integrating AES-OTP And RSA With Adaptive Key Management And Time-Limited Access Control
40	4JK21EC402	Saiprasad B S	Design Of An Iot-Based Monitoring System As A Part Of Prevention Of Thermal Events In Mining And Landfill Waste Disposal Sites: A Pilot Case Study

  
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