

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

Department of Electronics and Communication Engineering

CENTRE FOR INNOVATION IN RESEARCH AND TEACHING

CONSOLIDATED LIST FOR THE ACADEMIC YEAR 2021-2022

S.No.	DATE	FACULTY NAME	TITLE
1.	10.08.2021	Dr.R.Nandakumar	Object Detection for Blind people Using Open CV method
2.	17.08.2021	Mr.P.Govindaraju	Lora based wireless weather station monitoring
3.	07.09.2021	Dr.S.Premalatha	Electromagnetic-Real World Signals
4.	21.09.2021	Dr.S.Jayachitra	Nanotechnology in Medicine and health care
5.	05.10.2021	Ms.B.Latha	WIFI Based Location Identification
6.	02.11.2021	Mr.T.Marthandan	ECG signal analysis using edge and IOT Devices
7.	16.11.2021	Mr.M.V.Mahesh	AI based Dry Plant Detection & Moisture Control Using Raspberry PI
8.	07.12.2021	Mr.M.Udhayakumar	Cold supply chain risk monitoring and safety alerting system using IoT
9.	02.03.2022	Mr.B.Vinothkumar	Real Time Vehicle Security System through Face Recognition
10.	16.03.2022	Mrs.V.Sindhuja	Smart Connected Vehicles Using IoT
11.	12.04.2022	Ms.P.Mohana Sunthari	Microstrip Patch Antenna for Medical Applications
12.	24.04.2022	Mr.M.M.Arunprasath	Challenges of Internet of Things
13.	10.05.2022	Ms.M.Jeyabharathi	Meander Infused MIMO for 5G Applications

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THIRUCHENGODE**

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CENTRE FOR INNOVATION IN RESearch AND TEACHING (CIRT)

Consolidate Report

Academic Year: 2020 – 2021

S. No	DATE	FACULTY NAME	TOPIC PRESENTED
1.	13.08.2020	Mrs.B.LATHA,AP/ECE	Internet of Medical Things (IOMT)
2.	20.08.2020	Mr.M.V.MAHESH, AP/ECE	Removal of Scaling in Drip irrigation system
3.	27.08.2020	Mr.T.MARTHANDAN, AP/ECE	Vertical Farming practices in urban areas using IOT
4.	02.09.2020	Ms.P.MOHANA SUNTHARI, AP/ECE	Microstrip patch antenna for medical application
5.	16.09.2020	Mr.M.UDHAYAKUMAR, AP/ECE	VLSI Scaling methods and low power CMOS buffer circuits
6.	15.12.20	Mr. J.DIVAKARAN, AP/ECE	Routing Protocol for low power lossy network in WSN
7.	22.12.20	Dr.S.PREMALATHA, ASP/ECE	Incorporating Universal Human Values in Education
8.	07.01.21	Dr.W.DEVA PRIYA, AP/ECE	Augmented Reality Framework for Plant Disease Detection
9.	21.01.21	Dr.R.NANDAKUMAR, Prof/ECE	Feature Extraction for the classification of Human Chromosomes from G Band Images using Wavelets
10.	04.02.21	Mr. B.VINOTH KUMAR,AP/ECE	Real Time Monitoring System for Aquaculture using IOT

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
CENTRE FOR INNOVATION IN RESearch AND TEACHING (CIRT)
ACADEMIC YEAR 2019 – 2020

S. No	DATE	FACULTY NAME	TOPIC PRESENTED
1.	13.06.19	Mr.M.V.Mahesh & Mrs.S.Premalatha	21 st Century Teaching and Learning Process
2.	09.07.19	Ms.B.Latha & Mr.V.Praveen Kumar	Fostering Ethics, Moral Values and Character Building
3.	14.08.19	Mr.J.Divakaran	MEMS – Micro Electro Mechanical Systems
4.	20.09.19	Mr.K.Venkatachalam & Mr.A.Ravi	Embedded System Project Design
5.	17.12.19	Ms.P.Janani & Ms.P.Mohanasunthari	Active Co-operative Learning
6.	22.01.20	Mrs.S.Premalatha & Mr.B.Vinoth kumar	Speech Processing

ACADEMIC YEAR 2018 – 2019

S. No	DATE	FACULTY NAME	TOPIC PRESENTED
1.	19.06.18	Mr.P.Pradeep	Comparative Analysis of different modulation techniques for Free space Optical communication.
2.	03.07.18	Mr.B.Vinoth Kumar	Object Recognition
3.	17.07.18	Mr.M.Udhayakumar	Designing of Logic circuits using 180nm CMOS transistors.
4.	07.08.18	S.Nandhakumar	Cloud Computing
5.	21.08.18	Mrs.M.Shrikalaa	Conversion of a Novel Stegano image into a 3D stereo Image
6.	04.09.18	Mr.K.R.Gokulanand	Active utilization of Grey water in residential buildings using IoT
7.	18.09.18	Ms.P.Mohana Sunthari	Multiband Microstrip Patch Antenna for 5G Wireless Applications using MIMI techniques.
8.	09.10.18	Ms.B.Latha	How to write a Successful Funding Proposal.
9.	23.10.18	Mr.A.Ravi	Automatic Tollgate Collection
10.	18.12.18	Mrs.V.Sindhuja	Automatic Segmentation of Right Ventricle from Cardiac MRI
11.	08.01.19	Mrs.S.Dhanalakshmi	Low Power Reversible Sequential Circuits
12.	22.01.19	Ms.P.Janani	Routing Protocol for low power lossy network in WSN

ACADEMIC YEAR: 2017 – 2018

S. No	DATE	FACULTY NAME	TOPIC PRESENTED
1.	04.07.17	Mrs.W.Deva Priya	Application of Mathematical Models in Digital Image Processing
2.	18.07.17	Mr.G.Gowtham Raj	Mentor Graphics Tool
3.	01.08.17	Dr.A.N.Nandakumar	Research Methodology
4.	22.08.17	Ms.B.Latha	Digital Image Processing
5.	05.09.17	Mr.M.V.Mahesh	Smart Agricultural Techniques
6.	19.09.17	Mr.J.Divakaran	Cognitive Satellite Geodesy Image Processing and Remote Sensing
7.	03.10.17	Dr.R.Nandakumar & V.Praveen Kumar	Introduction to Image Processing
8.	24.10.17	Mr.R.Tamilmani	Design and Implementation of Dynamic circuits using FPGA
9.	19.12.17	Mr.T.Marthandan	Smartnode usage in tactical detection and classification of intrusion in borders
10.	02.01.18	Mr.K.R.Gokulanand	Engineering Challenges for Smart and digital India: Internet of things(IOT) and applications
11.	23.01.18	Ms.P.Saranya	Design of finite field low power Multiplier for cryptographic Applications
12.	06.02.18	Dr.N.R.Rajalakshmi	Managing load balanced machine in cloud data center
13.	21.02.18	Dr.R.Venkatesh	Image processing and Biomedical Applications

14.	07.03.18	Mr.S.Karthik	Electric And Autonomous Vehicle Training
15.	20.03.18	Ms.E.L.Dhivyapriya	Designing a Smart Home using Ardino and Wi-Fi module
16.	03.04.18	Mrs.S.Premalatha	Introduction to Speech Signal Processing
17.	17.04.18	Mr.T.Senthil	Feature Recognition of Medical Images using Deep Learning Algorithm.

