



RAMCO INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi & Affiliated to Anna University

NAAC Accredited with 'A+' Grade & An ISO 9001: 2015 Certified Institution

NBA Accredited UG Programs: CSE, EEE, ECE and MECH

Department of Electronics and Communication Engineering

Academic Year: 2024-2025 (Odd Semester)

Innovative Practices Description

Degree, Semester & Branch: V Semester B.Tech. IT

Course Code & Title: CS3691 Embedded Systems and IoT

Name of the Faculty member: Mr.G.Sivakumar



UNIT I

Date: 22.08.2024

Name of the Topic	Name of the Innovative Practice
Timers and Serial Port	Think Pair Share







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UNIT II

12.09.2024

Name of the Topic	Name of the Innovative Practice
Priority Based Scheduling Policies, Revision	Open Book Test



Signature of Faculty Member

HOD



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UNIT III IOT AND ARDUINO PROGRAMMING

Date:19.09.2024

Name of the Topic

Name of the Innovative Practice

IoT Devices Versus
Computers

Zero Minute Speech





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UNIT IV IOT COMMUNICATION AND OPEN PLATFORMS

Date:23.10.2024

Name of the Topic

Name of the Innovative Practice

Open Platform (like Raspberry Pi) – Architecture

Brain Storming





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UNIT V APPLICATIONS DEVELOPMENT

Date:15.11.2024

Name of the Topic

Name of the Innovative Practice

Development of IoT Applications – Smart Cities

Flipped Classroom

