



**SRI CHANDRASEKHARENDRASARASWATHI VISWA MAHAVIDHYALAYA**  
**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**  
**ODD SEMESTER FOR THE ACADEMIC YEAR 2020-21 - LECTURE PLAN**  
**III YEAR PART TIME B.E**

Sno	DAY	Session	
		6pm to 7.30pm	Topic to be covered
1	10/8/2020	Electric Drives & Power Electronics & Electric Drives Lab	UNIT-I, Introduction to Electric drives, Basic concepts of ED
2	11/8/2020	Professional Elective Course III SMART GRID	Evolution of Electric grid, Need for smart grid, driving forces, opportunities, challenges and benefits, smart grid pilot project in India and abroad
3	12/8/2020	Total Quality Management	Definition of Quality, Dimensions of Quality, Quality Planning, Quality costs
4	13/08/2020	Embedded Systems & Embedded System Design Lab	Module 1 - Introduction of Embedded system - The ARM Architecture Overview
5	14/08/2020	Internet of Things IOT	introduction to IOT, characteristics of IOT, reference model, physical design of IOT
6	17/08/2020	Electric Drives & Power Electronics & Electric Drives Lab	Types of Electric Drives, AC Drives, DC Drives, Individual drives, Group drives, Requirements of variable speed drives.
7	18/08/2020	Professional Elective Course III SMART GRID	Micro grid and distributed energy resources, need for islanding
8	19/08/2020	Total Quality Management	Analysis Techniques for Quality Costs, Basic concepts of Total Quality Management
9	20/08/2020	Embedded Systems & Embedded System Design Lab	Memory formats - Memory Interface - Bus interface signals - Addressing signals Addressing timing - Data Timed Signals
10	21/08/2020	Internet of Things IOT	logical design of iot, functional blocks of IOT, communicational model.
11	24/08/2020	Electric Drives & Power Electronics & Electric Drives Lab	Various classes of duty, Mechanical Characteristics of ED,
12	25/08/2020	Professional Elective Course III SMART GRID	Power quality issues and connection of renewable energy sources
13	26/08/2020	Total Quality Management	Historical Review, Principles of TQM

14	27/08/2020	Embedded Systems & Embedded System Design Lab	ARM Controller Instruction Set overview
15	28/08/2020	Internet of Things IOT	:IOT & M2M introduction, some definitions, M2M value chains, IOT value chain
16	31/08/2020	Electric Drives & Power Electronics & Electric Drives Lab	Rating and selection of motors for various applications of ED

<b>Subject Name</b>	<b>Staff Name</b>
Embedded Systems & Embedded System Design Lab	Mr.S.Raja
Electric Drives & Power Electronics & Electric Drives Lab	Dr.R.Malathi
SMART GRID	Dr.Anisha
Total Quality Management	Mr.R.Karthikeyan
Internet of Things IOT	Mr.Thirunavukarasu