

CURRICULUM PLAN 2025-2026

Even Semester: V, III, I

Dr. Rashmi Menon

Dept. of Physics

B.Sc.(H)-Physics IIIrd year

Name of Paper and Code	Allocation of Lectures	Month-wise Schedule followed by the department
DSE 10: Microprocessor -16 Periods		
Unit – I - Introduction to 8085 Microprocessor Architecture Introduction to microprocessor: Basic computer system organization, introduction, classification and applications of microprocessors, types of memory-primary memory types (SRAM, DRAM, PROM, EPROM, EEPROM), secondary memory (SSD, Optical Drive) memory organization and addressing	16	9-Jan to 30-Jan
Introduction to 8085 Microprocessor Architecture Microprocessor 8085 Architecture: Features, architecture-block diagram, general purpose registers, register pairs, flags, stack pointer, program counter, types of buses.		6-Feb to 27-Feb
Introduction to 8085 Microprocessor Architecture Multiplexed address and data bus, generation of control signals, pin description of microprocessor 8085, basic memory interfacing concepts, Memory mapped I/O and I/O mapped I/O		13-March to 17-April