

Syllabus: Computer Science

Paper II



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1.	INTRODUCTION TO MICROPROCESSORS AND ORGANISATION OF 8085 : Introduction, evolution of Microprocessor, Block Diagram and Study of various block, generic microprocessor. Block diagram of 8085, Function of various pin of 8085, Features of 8085, Hardware and Software Interrupts Registers, Flags, Register,
2.	INSTRUCTION SET AND PROGRAMMING OF 8085 : Addressing modes of 8085, programming model of 8085, Instruction groups, stack and stack pointer, assembly language programme.
3.	INTRODUCTION TO INTEL X-86 FAMILY : Introduction to advanced Microprocessor, Introduction to X-86 family, Major attributes of the X-86 family, Block diagram of 8086, architecture of 8086, Feature of 8086, advantage of 8086,
4.	INTRODUCTION TO MICRO CONTROLLER : Introduction, Architecture and Programming, 8051, Family, Application of Microcontroller, Features of 8051, Introduction of 8052, difference between 8051 & 8052.
5.	NETWORKING TECHNOLOGY Introduction of Network, Types, Types of Transmission Media, Network topologies, Protocol, Introduction to connectivity devices, Modem, Hub, Repeaters, Routers, Types of Cables, UTP, Optical Fiber Cable,