

CC421 ILOs

ILO #	Description
1	Understand the general working of computers.
2	Comprehend the internal structure of computers, CPU, memory and buses.
3	Comprehend the concept of pipelining and pre-fetch queue.
4	Know the 8088/8086 internal four types of registers, general purpose, index and pointers, segment, as well as flag registers.
5	Differentiate between logical and physical memory in accordance to the memory structure of 8086/8088 Intel's processors.
6	Define different memory segments in Intel's 8086/8088 processors.
7	Hardware specifications and pin configuration of Intel's 8086/8088 microprocessors

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8	Know the different addressing modes of Intel's processors.
9	Know how machine language is coded and produce machine language for different instructions.
10	Understand how memory and I/O can be interfaced with microprocessors.
11	Write assembly codes using loop and call instructions.
12	Use a microprocessor kit to exercise the above gained skills by writing assembly codes to drive and tests different application boards.