

Microprocessor System, ETCS-302
Assignment No. 2

- 1) Draw and explain the architecture of 8086.
- 2) What are important signals of Intel 8086?
- 3) What is the function of a segment register, conditional and control flags in 8086?
- 4) What is the difference between minimum and maximum modes of 8086?
- 5) Explain the concept of segmented memory? What are its advantages?
- 6) Explain the concept of pipelining in 8086. Discuss its advantages and disadvantages.
- 7) What is an effective address or offset?
- 8) What is the difference between 8086 and 8088 microprocessor?
- 9) What physical address is represented by:
(i) 4370 : 561E H (ii) 7A32 : 0028 H
- 10) Explain the function of these instructions:
(i) MOV AX, [1345] (ii) MOV AL, DB H