**MICROPROCESSOR AND PERIPHERAL DEVICES**

**ELEX FINAL YEAR**

**ASSIGNMENT-2**

1. Discuss various types of addressing modes of 8085 with examples.
2. Classify 8085 instructions in various groups.Give examples of instructions for each group.
3. Explain what is (a)memory mapped i/o scheme(b) I/O mapped i/o scheme.
4. What is data transfer scheme?Explain it.
5. What is DMA? Discuss the function of DMA controller.
6. What is the difference between instruction pointer(IP) and instruction register(IR)?
7. Explain the need to demultiplex the bus AD7-AD0?
8. What is interrupt? Explain maskable and non maskable interrupt?
9. What are hardware and software interrupt?
10. What are different operating modes of 8255?