

Assignment No. I

Subject:- Microprocessors

NEC-503

- Q.1 Draw the functional block diagram of a microprocessor & explain briefly.
- Q.2 what is the function of accumulator? Why the program counter and stack Pointers is are of 16 bit registers in 8085?
- Q.3 what do you mean by addressing modes, explain direct and indirect addressing modes of 8085.
- Q.4 With a neat diagram describe the internal architecture of 8085. State the function of Each block.
- Q.5 Explain the 8085 bus structure.
- Q.6 Discuss about evolution of Microprocessor & explain Operation performed by 8085 Microprocessor.
- Q.7 Explain the function of the following signals of 8085
i. ALE ii. IO/M iii. DMA signals iv. READY v. CLK OUT.

Last Date of Submission is : - 12/08/2016 (Positively by Lunch)

**Mr. Ajay Dwivedi
Asst. Prof.
EC Dept.**