



**Department of Computer Science and Engineering**  
**Motilal Nehru National Institute of Technology Allahabad, Prayagraj**

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**Microprocessor Lab (CSN14400)**

**(B.Tech. IV Semester)**

**Assignment - 03**

1. ALP in 8085 to separate odd and even numbers from the given list of 10 numbers. Store odd numbers in another list starting from memory location 2100H. Store even numbers in another list starting from memory location 2200H. Starting address of the list is 2000H.
2. ALP in 8085 to transfer of data from one block of memory location to any other block of memory location (non-Overlapping).
3. ALP in 8085 to transfer of data from one block of memory location to any other block of memory location (Overlapping).