



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

Microprocessor Lab (CSN14400)

(B.Tech. IV Semester)

Assignment - 04

Q1) ALP in 8085 to multiply two 8-bit numbers stored at memory locations 2000H and 2001H respectively

- Using DAD instruction
- Without Using DAD

Store the multiplied result at the subsequent memory locations. Also check the cases whether any of the number is zero or not. If so, store 0000H at the respective locations.

Q2) ALP in 8085 to check whether the given number is prime or not.