



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

---

**Microprocessor Lab (CSN14400)**

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

**Assignment - 01**

1. ALP in 8085 for addition of two-8bit numbers without carry:
  - a. In a register? Where address is stored in registers.
  - b. Where address is taken direct from memory.
2. ALP in 8085 for addition of two-8bit numbers with carry.
3. ALP Subtraction of two-8bit numbers with borrow.