

## **Lab Experiment-6**

### **(Batch-1)**

1. Implement and demonstrate 2 1-bit input ALU using mux and combinational circuits, which can perform AND, OR, NAND, XOR, ADD/SUB (use full adder circuit that can perform both tasks Add/Sub).
2. Implement and demonstrate Common Bus System using 8, 4-bit registers and appropriate number of multiplexers.