

**DEPARTMENT: CSE SEMESTER: 4** 

SUBJECT NAME: COMPUTER ORGANIZATION and ARCHITECTURE

**SUBJECT CODE: 3140707** 

**FACULTY NAME: PROF. PROF. S Y JOSHI** 

## **Assignment: 1**

- 1. Explain Gray Code
- 2. Define RTL. Explain how register transfer takes place in basic computer system.
- 3. What is a bus? Explain three state buffer.
- 4. What is computer organization? Explain
- 5. Explain how complement number system is useful in computer systems. Discuss any one complement number system with example.
- 6. Explain instruction cycle with flow chart
- 7. Explain control unit of basic computer.
- 8. Explain the common bus system.

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