1. **Booth's Multiplication,**

2. **IEEE754 Floating point standards**

3. **what is flip flop and its types**

4. **what is register and its types**

5. **Register Transfer Language, Register Transfer,**

6. **Bus and Memory Transfers, Common Bus System,**

7. **Two Bus Organization, Three Bus Organization,**

8. **Micro operations and its type Arithmetic Micro operations, Logic Micro operations,**
Shift Micro operations, Arithmetic &Logic unit design.