

CS010 508: Hardware and Microprocessors Lab

Teaching scheme

3 hours practical per week

Credits:

Objectives

- To acquaint the students with the implementation and fundamental algorithms of d systems.
- To provide experience in design, querying and processing of data in a relational database.
- To familiarise the students with 8085, 8086, masm programming and various PC hardware components
- To provide experience in design, querying and processing of data in a relational database.

Phase I

1. Familiarization of 8085 training Kit.
2. Simple programs using 8085 Kit.

Phase II

3. Study of MASM Programming.
4. Simple programs in 8086 using MASM.

Phase III.

5. Familiarisation with PC Components.
6. Experiments based on various hardware components.
7. Experiments for communication with peripheral devices using C and MASM

NB: Students should do the experiments in all the phases. External examiner can conduct University Examinations on any of these phases.