

KURUKSHETRA UNIVERSITY KURUKSHETRA
Course: B.Sc. (Hons) IT
Semester-IV

Paper Code : BSIT-409

Nomenclature of Paper: Electronics & Microprocessor (I.T Lab-VII)

Note:-

1. A student is required to perform a minimum of 7 experiments from the list given below during course of study(Semester III +Semester IV).
2. Instructions for Examiners: A candidate is required to perform one experiment.
3. Maximum number of students should not exceed ten in one group during course of studies as well as annual examination.

M.M: 50

EXPERIMENT (3 hrs) : 25
PRACTICAL WORK BOOK : 15
VIVA-VOCE : 10

Time: 3 hrs

List of experiments

1. Familiarization of microprocessor 8085 Kit and Key Command.
2. Addition/Subtraction of two 16 Bit numbers on Microprocessor-Kit.
2. Multiplication/ division of two 8 Bit numbers on Microprocessor- Kit.
3. Find the smallest/largest number from a given series of numbers on Microprocessor-Kit
4. To sort a give series of using of unsigned numbers in ascending/Descending order on Microprocessor-Kit.
5. Check even parity/odd parity of binary number on Microprocessor-Kit.
6. Binary to gray conversion and vice-versa.
7. To solve the logical equation using Microprocessor-Kit.
8. Find the Factorial of a Number.
9. Generate the Fibonacci Series.
10. Generate a time delay through software on Microprocessor-Kit.
11. Program to generate Square Wave using Microprocessor-Kit.
12. DAC.
13. ADC.