KEE-652 Microprocessor

Note: Minimum ten experiments are to be performed from the following list (on 8085 / 8086 microprocessor)

1. To study 8085 / 8086 based microprocessor system

2. To perform mathematical operations (addition & subtraction) on two 8-bit numbers

3. To perform multiplication on two 8-bit numbers

4. To perform division on two 8-bit numbers

5. To develop and run a program for finding out the largest number from given two 8-bit numbers

6. To develop and run a program for finding out the smallest number from given two 8-bit numbers

7. To develop and run a program for arranging in ascending order of a given set of 8-bit numbers

8. To develop and run a program for arranging in descending order of a given set of 8-bit numbers

9. To perform conversion of temperature from degree F to degree C

10. To perform computation of square root of a given number

11. To obtain interfacing of 8255 – PPI with 8085 microprocessor

12. To perform microprocessor based traffic light control

13. To perform microprocessor based stepper motor operation through 8085 / 8086 kit 14. To obtain interfacing of DMA controller with 8085 / 8086 microprocessor


2000 FE
8086 MICROPROCESSOR TRAINER


- UP 86
UMC-8603
8086 CPU
RESET

Microprocessor INVENTORY SHEET

Sr.no	Product	Product Description	Quantity	Remark
1.	Pentium trainer kit –VMC-PPT	PC Trainer	03	Not working
2.	Traffic light controller card-VMC- TLC	Programmable	02	Working
3.	Temperature controller card-VMC-TEMP	Programmable	02	Working
4.	Stepper motor controller card-VMC-SMC	Functional	02	Working
5.	8251 Usert interface card- SC-51	Functional	02	Working
6.	Ram interface card- SC-64	Functional	03	Working
7.	8257 DMA controller card-SC-57	Functional	03	Working
8.	8255 PPI interface card-SC-55	Basic Functional	03	Working
9.	Key Board interface card-SC-79	Functional	03	Working
10.	8086 Microprocessor trainer kit- VMC-8603P	Single board, Series kit	03	Working
11.	8085 Microprocessor system trainer-VMC-8501P	Single board, Series kit	03	2 Working& 1 Not working