



MOTHER TERESA
INSTITUTE OF SCIENCE & TECHNOLOGY
Permanently Affiliated to JNTUH, Hyderabad
Recognition under Section 2(f) & 12 (B) of the UGC Act, 1956
AN ISO 9001:2008 CERTIFIED INSTITUTION
SANKETIKA NAGAR, SATHUPALLY – 507303, KHAMMAM Dist., TELANGANA



MP & MC LAB



MP & MC LABARATORY
MP & MC LAB EQUIPMENT LIST

S.NO	LAB/MAJAR EQIPMENT
1	LCD version of 8051 Micro Controller Trainer Kit; Model: ESA 51E; Make ESA
2	LCD version of 8086 Micro Processor Trainer Kit Model: ESA 86/88 E; Make: ESA
3	LCD version of 8086 Micro Processor Trainer Kit Model:8086; Make: Hi-Q
4	Embedded Microcontrollers Kits Model 89s52, Make Hi-Q
5	Interfacing Modules
6	Study Cards kits for 8259,8255,8279
7	Dual core 2.7 GHz Computer with 15.6 LED Monitor,2 GB, RAM

LIST OF EXPERIMENTS :

1. Programs for 8-bit arithmetic operations using 8085
2. Programs for 16-bit arithmetic operations using 8085
3. Programs for sorting and searching operations using 8085
4. Programs for sorting and searching operations using 8086
5. Programs for string manipulation operations using 8086
6. Interfacing ADC and DAC.
7. Parallel communication between two microprocessor kits using Mode 1 and Mode2 of 8255
8. Interfacing and programming 8279
9. Programming using arithmetic, logical and bit manipulation instructions of 8051 microcontroller
10. Serial communication between two microprocessor kits using 8251
11. Interfacing and programming 8253
12. Interfacing and programming of stepper motor and DC motor speed control
- 13 Arithmetic programs to find square and cube 58 14 Program to find LCM of a given number