



Manipal University Jaipur
School of Electrical, Electronics & Communication (SEEC) Engineering
Department of Electronics & Communication Engineering

DIGITAL ELECTRONICS & MICROPROCESSOR LAB

Lab and Lab Equipment Details

Name of the Laboratory	DIGITAL ELECTRONICS & MICROPROCESSOR LAB
Lab Descriptions	This lab provides the basic exposure to sequential and combinations circuits-based experiments and 8086 microprocessor-based programming using kit based experiments.
Lab Resources	<ol style="list-style-type: none"> 1. SCIENTECH- 3 1/2 DIGIT DIGITAL MULTIMETER 2. SCIENTECH DUAL POWER SUPPLY 3. NVIS DECADE RESISTANCE BOX 4. CADDO-SOLDERING STATION 5. SOLDERING STATION 6. DIGITAL LAB TRAINER KIT 7. PCB PROTO TYPE MACHINE 8. NVIS-DECADE CAPACITANCE BOX 9. SCIENTECH DIGITAL LAB TRAINER BOARD 10. 5MHz WITH 40 MHz FREQ COUNTER 11. NVIS LINEAR IC TESTER 12. NVIS -DECADE INDUCANTACE BOX 13. NVIS-LOGIC GATE TRAINER 14. HANDHELD DIGITAL IC TESTER LP-01A 15. LOGIC ANALYZER 32 CHANNEL LA-2025, LEAPTRONIX 16. PC BASED LOGIC ANALYZER 16 CHANNEL MODEL NO. – LAP-C (16032) 17. IM 11, NVIS-12 BIT ADC MODULE 18. IM 10, NVIS- 2 CHANNEL 8- BIT DAC MODULE 19. IM-05, NVIS - MATRIX KEYBOARD INTERFACE 5 *4 TRAINER KIT 20. NVIS -16 * 2 LCD DISPLAY MODULE 21. NV 5001 MICROCONTROLLER DEVELOPMET BOARD WITH PROGRAMMABLE 22. NVIS - 8155 PROGRAMMABLE I/O AND TIMER STUDY MODULE 23. NVIS -PROGRAMMABLE PERIPHERAL INTERFACE STUDY MODULE 24. NVIS - 8257 PROGRAMMABLE DMA CONTROLLER STUDY MODULE 25. MICROPROCESSOR TRAINER 8086

