



MARRI LAXMAN REDDY INSTITUTE OF TECHNOLOGY AND MANAGEMENT

(AN AUTONOMOUS INSTITUTION)

(Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad)

Accredited by NAAC with 'A' Grade & Recognized Under Section 2(f) & 12(B) of the UGC act, 1956

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (AI&ML)

Laboratory Equipment – Operating Systems LABORATORY

This laboratory provides all hardware and software required to learn and develop concepts related to Operating Systems, process management, memory management, file systems, and system programming. The configuration of hardware and software used details are as follows:

1. **Server Configuration:**
2. **Operating System:** Microsoft – Windows 10s
3. **Connectivity:** 1000 Mbps internet and LAN connected to campus server.

Laboratory Equipment:

S. No	Item	Make	Quantity
1	Desktop Computer Systems: Lenovo Desktop TC NEO SOS 12JES1DG00 Processor: GEN 4 I5-13400 (3.3 GHz, 20 MB) Storage: 256 GB SSD RAM: 16 GB DDR4 Display: Lenovo S22E-20 21.5" Monitor	Lenovo	30
2	Software (Open Source): Ubuntu Linux, GCC Compiler, GDB Debugger, Shell Scripting Tools, VirtualBox	-	30
3	Computer Chairs	-	30
4	Single I/O Outlets	D-Link	30
5	Patch Panel	D-Link	02
6	Data Switches	CISCO	02
7	Hub Rack	-	-
8	LCD Projector with 1 Screen and One Mount Kit	EPSON	01
9	Air Conditioners (1.5 Ton)	Daikin	02
10	UPS – KVA Capacity	MPS	01
11	Modular Computer Workstations	-	-

Date:

HOD
Computer Science and Engineering (AI&ML)