



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

COMPUTER SCIENCE AND ENGINEERING

Laboratory Equipment - Linux Programming

This laboratory provides all hardware and software required to learn Linux commands and develop shell programming on process management and communication, memory management and file systems automation. The configuration of hardware and software used details are as follows:

- 1. Server Configuration:** HP Proliant ML10, Form Factor: Micro ATX Tower (4U), Processor Series: Xeon E1220 V2 Product Family, Processor Sockets: 2, Max Memory Capacity: 8 GB DDR4, Max Storage Capacity: 1 TB HDD, Supports Intel C204 series chipset, Supported Power Supplies: 300W.
- 2. Operating System:** Microsoft – Windows 11 / Linux – UBUNTU.
- 3. Connectivity:** 1000Mbps internet and LAN connected to campus server.
- 4. Laboratory Equipment:**

S.No	Item	Make	Quantity	Cost per Unit (Rs.)	Total Cost (Rs.)
1	Desktop Computer Systems: Vostro 3653 Intel core i3-6100@3.70 GHz / 4 GB DDR3 RAM /500 GB SATA HDD /Keyboard/Mouse / 18.5” Monitor	Dell	36	22000	7,92,000
2	Linux Distribution Software - Ubuntu 21.10	Canonical Ltd.	36	-	-
3	SSH client Tool - PuTTY 0.76	Simon Tatham	36	-	-
4	Modular Computer Workstations		37	3200	1,18,400
5	Computer Chairs		36	900	32,400
6	Single I/O Outlets	D-Link	36	140	5,040
7	LCD Projector with 1 Screen and One Mount Kit	EPSON	01	32,000	32,000
8	Air Conditioner	Panasonic	2	32500	65,000
9	UPS - 20 KVA Capacity	Access	01	Sharing	
Total Cost					10,12,840
(In Words Rupees – Ten lakhs twelve thousand eight hundred forty only)					

Date:

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Computer Science and Engineering