INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)
Dundigal, Hyderabad - 500 043

INFORMATION TEHCNOLOGY

Lab Equipment Details - Linux Internals Laboratory

This laboratory provides all hardware and software required to learn and perform basic operations in Linux. The configuration of hardware and software used are detailed as follows:

1. **Server Configuration:** Dell Optiplex ML10, Form Factor: Tower (4U), Processor Series: Intel Core i5-9500 Product Family, Processor Sockets: 2, Max Memory Capacity: 4 GB DDR4, Max Storage Capacity: 1 TB HDD, Supports Intel H370 series chipset, Supported Power Supplies: 360W.

2. **Operating System:** Microsoft – Windows 11 & Linux – UBUNTU.

3. **Connectivity:** 1000Mbps internet and LAN connected to campus server.

4. **Laboratory Equipment:**

S. No	Specification	Make	Quantity	Cost per Unit (Rs.)	Total Cost (Rs.)
1	Vostro 3268 Intel(R) Core i3-7100 3.90Ghz / 4GB DDR4- 2400Mhz / 1TB HDD / 18.5" Monitor	Dell	24	21,600	5,18,400
2	Software (Open Source): Ubuntu 20.04.4 LTS	Canonical	24	Open Source	-
3	Modular Computer Workstations	-	36	3,200	1,15,200
4	Computer Chairs	-	24	900	30,600
5	Single I/O Outlets	D-link	24	140	3,360
6	Patch Panels	D-link	03	4,250	12,750
7	Data Switches sg-95	Cisco	03	6,850	20,550
8	Hub Rack – 9U	-	01	4,850	4,850
9	LCD Projector with 1 Screen and One Mount Kit	Casio	01	37,000	37,000
10	Air Conditioners	Panasonic	02	32,500	65,000
11	Uninterrupted Power Supply - 12 KVA Capacity	Access	01	1,69,169	1,69,169
				Total Cost	**9,76,879**
	(**Rupees Nine Lakhs Seventy Six Thousand Eight Hundred and Seventy Nine**)				

Date: 10-04-2022

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