



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

INFORMATION TECHNOLOGY

Lab Equipment Details - Data Structures Laboratory

This laboratory provides all hardware and software required to learn and develop programming on linear and non linear data structures in Python programming language. The configuration of hardware and software used are detailed 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	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): Python 3.10.4	-	24	-	-
3	Modular Computer Workstations	-	24	3,200	76,800
4	Computer Chairs	-	24	900	30,600
5	Single I/O Outlets	D-link	24	140	3,360
6	Patch Panels	D-link	02	4,250	8,500
7	Data Switches sg-95	Cisco	02	6,850	13,700
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	Uninterrupted Power Supply – 7.5 KVA Capacity	Access	01	75,815	75,815
Total Cost					7,69,025
(Rupees Seven Lakhs Sixty Nine Thousand and Twenty Five)					

Date: 10-04-2022

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