INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)
Dundigal, Hyderabad - 500 043

INFORMATION TEHCNOLOGY

Lab Equipment Details - Computer Programming Laboratory –V

This laboratory provides all hardware and software required to learn and develop programming in C and Python programming languages. 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 3902 Intel(R) Core i3-4160 3.60Ghz / 4GB DDR3 1600Mhz/500GB HDD/18.5" Monitor	Dell	33	21,502	7,09,566
2	Software (Open Source): Python 3.10.4	-	33	-	-
3	Software (Open Source): Dev C++	-	33	-	-
4	Modular Computer Workstations	-	33	3,200	1,05,600
5	Computer Chairs	-	33	900	29,700
6	Single I/O Outlets	D-link	36	140	5,040
7	Patch Panels	D-link	03	3,850	11,500
8	Data Switches sg-95	Cisco	04	6,850	27,400
9	Hub Rack – 9U	-	01	4,850	4,850
10	LCD Projector with 1 Screen and One Mount Kit	Casio	01	37,000	37,000
11	Air Conditioners	Daikin	02	38,000	76,000
12	Uninterrupted Power Supply – 12 KVA Capacity	Access	01	1,69,169	1,69,169
				Total Cost	**11,75,825**
	(Rupees Eleven Lakhs Seventy Five Thousand Eight Hundred and Twenty Five)				

Date: 10-04-2022

HOD

INSTITUTE OF AERONAUTICAL ENGINEERING

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INFORMATION TEHCNOLOGY

Lab Equipment Details - Computer Programming Laboratory – VI

This laboratory provides all hardware and software required to learn and develop programming in C and Python programming languages. The configuration of hardware and software used are detailed as follows:

1. **Server Configuration:** Dell Power Edge R730xd, Form Factor: 2U Rack Server, Processor Series: Intel® Xeon® E5 2600 V4 Product Family, Processor Sockets: 2, Max Memory Capacity: 3 TB DDR4, Max Storage Capacity: 131.6TB HDD, Supports Intel C610 series chipset, Supported Power Supplies: 495W, 750W, 1100W.

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 3902 IntelI Core i3-4160 3.60Ghz / 4GB DDR3 1600Mhz/500GB HDD/18.5" Monitor	Dell	33	21,502	7,09,566
2	Software (Open Source): Python 3.10.4	-	33	-	-
3	Software (Open Source): Dev C++	-	33	-	-
4	Modular Computer Workstations	-	33	3,200	1,05,600
5	Computer Chairs	-	33	900	29,700
6	Single I/O Outlets	D-link	36	140	5,040
7	Patch Panels	D-link	03	3,850	11,500
8	Data Switches sg-95	Cisco	04	6,850	27,400
9	Hub Rack – 9 u	-	01	4,850	4,850
10	LCD Projector with 1 Screen and One Mount Kit	Casio	01	37,000	37,000
11	Air Conditioners	Panasonic	02	38,000	76,000

12	Uninterrupted Power Supply – 12 KVA Capacity **(Shared With Lab no: 2103)**	Access	01	-	-
				Total Cost	**10,06,656**
					(Rupees Ten Lakhs Six Thousand Six Hundred and Fifty Six)

Date: 10-04-2022   HOD