INSTITUTE OF AERONAUTICAL ENGINEERING
(Autonomous)
Dundigal, Hyderabad - 500 043

COMPUTER SCIENCE AND ENGINEERING

Laboratory Equipment - Data Warehousing and Data Mining

This laboratory provides all hardware and software required to learn and develop analytical solution using knowledge discovery tools. 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 3902, Intel core i3-4150 @3.50 GHz / 4 GB DDR3 RAM / 500 GB / Keyboard / Mouse / 18.5" monitor	DELL	36	24500	8,82,000
2	Knowledge Analysis Environment (Open Source) - Weka 3.8.6	University of Waikato	36	-	-
3	Software (Open Source): Python 3.10.4	-	36	-	-
4	Python Distribution Platform - Anaconda	Anaconda, Inc	36	-	-
5	Data mining tool - IBM SPSS Modeler 18.2.2	IBM	36	-	-
6	Modular Computer Workstations		36	3200	1,15,200
7	Computer Chairs		36	900	32,400
8	Single I/O Outlets	D-Link	36	140	5,040
9	Patch Panel	D-Link	04	4250	17,000
10	Data Switches - SG95 (24 port)	Cisco	04	6850	27,400
11	Hub Rack – 9U	-	01	4850	4,850
12	LCD Projector with 1 Screen and One Mount Kit	EPSON	01	32,000	32,000
13	Air Conditioner (1.5 ton)	Panasonic	01	32500	32,500
14	UPS - 20 KVA Capacity	Access	01	240000	2,40,,000
				Total Cost	13,56,390
(In Words Rupees - Thirteen lakhs fifty six thousand three ninety only)					

Date:

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