



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

## COMPUTER SCIENCE AND ENGINEERING

### Laboratory Equipment - Database Management Systems

This laboratory provides all hardware and software required to learn and develop data base systems using Structured Query Language (SQL). 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	Software: Oracle Database Express Edition (XE) 18c	Oracle Corporation	36	–	–
3	Software (Open Source): MySQL8.0	Oracle Corporation	36	-	-
4	Modular Computer Workstations		36	3200	1,15,200
5	Computer Chairs		36	900	32,400
6	Single I/O Outlets	D-Link	36	140	5,040
7	Patch Panel	D-Link	04	4250	17,000
8	Data Switches - SG95 (24 port)	Cisco	04	6850	27,400
9	Hub Rack – 9U	-	01	4850	4,850
10	LCD Projector with 1 Screen and One Mount Kit	EPSON	01	32,000	32,000
11	Air Conditioner (1.5 ton)	Panasonic	01	32500	32,500
12	UPS - 20 KVA Capacity	Access	01	240000	2,40,000
<b>Total Cost</b>					<b>12,66,390</b>
<b>(In Words Rupees - Twelve lakhs sixty six thousand three hundred ninety only)</b>					

Date:

**HOD**  
**Computer Science and Engineering**