



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

Electronics and Communication Engineering

Laboratory Equipment - VLSI Design Laboratory

This laboratory provides all hardware and software required to design and development of design and simulation of the integrated circuits using cadence software. The configuration of hardware and software used are detailed as follows:

- 1. Server Configuration:** HP Proliant 336 R730, Form Factor: 2U Rack Server, Processor Series: Intel® Xeon® CPU E5504, Product Family, Processor Sockets: 2, Max Memory Capacity: 8GB DDR4, Max Storage Capacity: 1 TB HDD, Supports Intel C610 series chipset, Supported Power Supplies: 495W, 750W, 1100W.
- 2. Operating System:** 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: Optiplex 3050 desktop Intel core-i7-700 processor / 4GB DDR4-1TB SATA HDD / keyboard and mouse / NO ODD / 22" Monitor.	DELL	09	51,000	4,59,000
2	Desktop Computer Systems: Vostro BTX 3470 desktop Intel core-i3-8100 processor / 4GB DDR4-500GB SATA HDD / keyboard and mouse / NO ODD / 22" Monitor.	DELL	15	26,000	3,90,000
3	Application software: Cadence standard bundle Analog and Digital FE & BE	Cadence	30 Users	9,00,000	9,00,000
Total Cost (Rs.)					17,49,000
In Words -Rupees seventeen lakh forty nine thousands Only					

Date:

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