VLSI DESIGN LAB

The lab is equipped with the following computing facilities:

1. 40 Desktops , 01 HP Z440 workstations (XeonE5- 1607/4GB/1TB/Win 8.1)
2. 64-bit Operating System: Windows 8
3. Processor : Intel® Core TM i7-3770 CPU @ 3.40GHz 3.40 GHz
4. RAM: 4GB

Tools being used for M.Tech VLSI LAB:

1. Xilinx software
2. Modelsim
3. Orcad softwares
4. FPGA Kits
5. Microwind
6. 15 User License of MATLAB
7. The following tools are being received under SMDP-C2SD Project:

S.No.	Tools	No. of Licenses
1.	**Synopsys**	10 licenses of front-end, back-end
2.	**Cadence**	10 licenses of front-end, back-end. Cadence University Bundle Analog & Digital FE & BE.
3.	**Mentor Graphics**	100 licenses of HEP-1 and HEP-2 university bundles.
4.	**Xilinx**	25 licenses of **Xilinx ISE** and **Vivado tools** university bundles.
5.	**FPGA boards**	10 nos. of XUP boards (entry-level); 5 nos. of Advanced XUP boards; 3 nos. of DSP boards; 3 nos. of Xilinx Zynq boards.