

- **LABORATORY NAME: Electronic Design & Automation Lab (124)**

- **DISCRIPTION OF LAB:**

The main objective of the Electronic Design & Automation Lab is to enable the students to gain practical knowledge various types of Design and Automation tools and to develop their own programs and implement the same in Hardware by using Kits for various applications in Electronics Engineering. EDA Lab is also equipped with VLSI trainer kits and software's for students to learn and develop VLSI programming skills.

- **AVAILABLE RESORCE HARDWARE/KITS:**

1. HP 280G3 Desktop Intel Core i5 8400, 8GHz (4.0 GHz, 6 core,9 MB cache) 8 GB DDR4 2600 Memory, Windows 10 pro 64 bit, wired keyboard, USB Mouse, 18.5 TFT" Wide screen flat panel LCD monitor.
2. MG Automation Technologies Bays -B ARTIX -7 FPGA Trainer Board.
3. Nexys 4 DDR Artix-7 FPGA trainer board by Xilinx
4. STK-2148, Basic trainer kit with accessories and segment LCD, KBD etc.

- **AVAILABLE RESORCE SOFTWARE:**

1. Mentor Graphics higher education program
 - Mentor Graphics HEP-1
 - Mentor Graphics HEP-2
 - Mentor Graphics HEP-4
 2. Xilinx Vivado software
 3. Intellisense MEMS Simulation Software
- **Any Other: EDA lab is fully utilized by Electronics and Other department students on regular basis.**

- **Photo of Laboratory**



