

### Department Of Electronics And Communication Engineering SIMULATION LABORATORY – II

Simulation Laboratory II set with network powered by high-speed broadband in a comfortable and professional atmosphere for Project-based learning where students work on interesting projects that are based on difficulties and challenges, they may encounter in the real world. The laboratory course with respect to curriculum involves collaborative work and interaction among students as a project-based learning activity. The Systems hardware configuration with HP- RCTO i5, 1TB HDD, 8GB RAM, HP - DX 2480 Intel Dual Core, 160 GB HDD, 2GB RAM and HP Pro -Core i3, 500GB HDD, 4GB RAM and software NETSIM version and LAN trainer kit is utilized by the students for designing and implementing LAN routing protocols for various OSI Layer. The Lab is equipped FPGA (cyclone- II) development Board, Digital I/O Card IV, DE2 FPGA Board, 5 Megapixel Interface Board, 4.3 Inch LCD Touch Panel Interface Board used by the students to do their VLSI laboratory. The MATLAB higher version is used by the students for the control system laboratory and Digital image processing laboratory. The Simulation II Laboratory offers a solitary setting for developing our students' essential competencies and software abilities while producing a large number of qualified professionals with employable talents.

