

Department of Electronics and Communication Engineering

B.Tech Project Lab

B.Tech Project Lab is a one of most important laboratories in terms of utilization because students of all departments use this lab. The Projects Laboratory has a key role in promoting practical and hands-on education throughout the undergraduate careers of students at the University. Student conducts a experiment or undertake a piece of research to achieve the objective of their task. Here we provide a great platform for producing projects, which include supervisor guidelines to help students through the process. Major emphasis is on interplay between analytical and experimental methods in solution of research and development problems. It is established for the Project work practice of students and also alternatively used for the conduction of software (Matlab and Network Simulator) based lab courses. It has 43 high performance computers with useful software like Matlab, Network Simulator and Optisystem installed on it. MATLAB, is an essential tool in the practice of engineering, of great significance in the learning process. It not only helps to illustrate the theoretical results but makes students aware of the computational issues that engineers face in implementing them. Students apply their knowledge of theory by conducting experiments, operating equipment, and optimizing processes. Our goal is to provide a state-of-the-art environment where students become proficient at both the physical and creative skills needed in the workforce.

Major equipments:

Kit with accessories

TMS 320C6713 DSK with CCS-1,
Image Daughter Card for 6713 DSK-1,
Digital Camera Module-1,

Computers : 43

Make- HP 280 G2 MT
CPU- Intel(R) Core(TM) i5-6500 CPU @ 3.20GHz
3.19 GHz RAM- 8 GB RAM HDD-1TB, Keyboard, Mouse

Major software:

Purchased Software

Matlab Version R2013a (8.1.0)-50 user,
OptiSystemVersion: 15
Windows 10

Open Source Software

Ubuntu 18
Network Simulator 2.34 (Linux Based)