

## Project Laboratory

There is Adage that

*“If you don’t know where you want to go,  
you won’t know which road to take  
and  
you won’t know if you have arrived.”*

This provides a facility for students to build the models for the problems, test them and understand the concepts, apply their creative thinking to solve them and explore them further. The Project Laboratory offers the students, the opportunity to gain **valuable hands-on** experience with state-of-the-art environment. Students become proficient in both the physical and creative skills needed in the field of Electronics & Instrumentation engineering.

- Provides a platform in promoting practical learning experience (hands-on-experience)
- Helps them to develop creative proposals, and execute capstone projects
- Provides all in-house support for extended hours

Students can

- Do Micro Projects during I, II year of study
- Do Mini Projects as a part of curriculum requirement in the Laboratories
- Do Capstone Projects in the final year of study
- Do Inter Departmental Projects
- Do research work



## Major Equipment

- Weldon single phase welding machine
- Mini lathe machine -2 feet
- Mixed Signal Oscilloscope (Inbuilt 16 channel)
- Mixed Signal Oscilloscope (Inbuilt 2 channel)
- PCB prototype machine
- Bosch Grinding Machine and Jig Saw Machine
- Beetech Soldering Station
- Drilling Machine
- Boring Tool

### Utilization

- Integrated with curriculum
- Project and Product development by students

### Odd Semester

- U15EIP701-Project Phase I
- U17INI3600 - Engineering Clinics -
- U18INI1600- Engineering Clinics – I

### Even Semester

- U15EIP801-Project Phase II
- U17INI4600- Engineering Clinics – II
- U18INI2600- Engineering Clinics – II