

K. K. Wagh Institute of Engineering Education & Research, Nashik

Department: Electronics & Telecommunication

Report of Project based learning exhibition

A.Y.2019-20 SEM I



Department of Electronics and Telecommunication department organized project based learning exhibition on 5th Oct 2019 from 11.00 am to 3.00 pm.

Along with regular studies students of SE, TE, BE are implementing innovative ideas as a micro, mini projects. Students select topics and discuss it with their teachers. Required resources are provided by department like components, circuit simulation software's PCB lab, reference books etc.

Students design, simulate, test and implement projects in laboratories. Students prepare technical report of the project and give presentation of their project. Assessment of the project is done by the faculty members based on criteria like topic selection, design of the circuit, implementation, understanding of the concept, result and conclusion etc. Project based learning exhibition is organized to provide the students with a platform to showcase their talent. Students are also motivated to prepare electronics hobby projects and present it during exhibition.

Around 36 micro and mini projects done by second, third and fourth year students were presented in exhibition. Second year students have done projects under subject digital electronics and Data structure and applications. Third year students have done projects under subject electronics system design, project done by fourth year students are form the subject IOT. Electronics hobby projects done by students were presented in open category.

Impact of the activity:

Project based learning activity improved technical skills in students like circuit designing, circuit testing (hardware, software), troubleshooting and programming etc.

This activity also enhances soft skills in students like communication skills, teamwork, leadership, presentation, report writing etc.

The activity is useful to improve student's abilities like critical thinking, communication and cooperation etc. Students are agreeing that this experience will be useful to them in their career.

Photographs of event







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