

DARTMENT OF ELECTRICAL & ELECTRONICSENGINEERING

Workshop
on
“Virtual Labs”
26th January, 2019

IEEE Student Chapter of SVEC has organized a workshop on “Virtual Labs” in collaboration with IIIT, Hyderabad on 26th January, 2019. The objective of this workshop is to make the students and faculty acquaint with the importance and usage of Virtual labs where experiments can be conducted in virtual environment. This was a good opportunity for inquisitive students that provides access to high quality resources and free Internship opportunities.



Resource persons (IIIT, Hyderabad) with faculty of SVEC

Virtual labs (<https://vlab.co.in/>) is a “National Mission on Education through Information and Communication Technology” (NMEICT) initiative by MHRD, Govt. of India. The project with involvement of a consortium of 11 reputed engineering institutes developed ~1100 Virtual experiments in 11 domains/disciplines. These experiments are provided with links to NPTEL lectures for a better understanding of theory and practical’s.

These experiments enable

- i. Students to perform experiments on various topics in virtual environment.
- ii. Faculty to use it for complementing and supplementing course delivery.
- iii. Inquisitive students can expand their scope of learning beyond their curriculum and disciplines.

The following are the benefits to the students using the Virtual lab experiments:

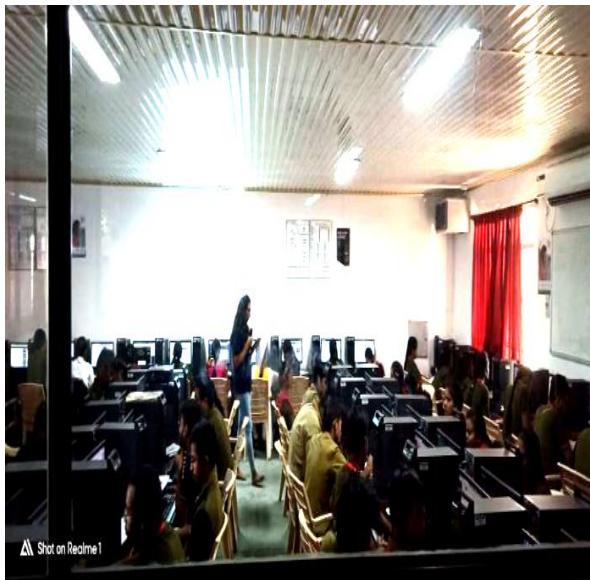
- 1) Learn at their own pace
- 2) Enthuses them to conduct experiments
- 3) Easy online access to labs at all times
- 4) Experiments can be performed remotely as needed
- 5) Access to high quality resources for free Internship opportunities
- 6) Does not need additional infrastructural setup for conducting experiments



Mr. A. Munisankar, Asst. Professor of EEE briefing about the workshop

The workshop was held on the following lines:

A Brief Overview of the Virtual Labs (10-15 minutes)	By VLabs Team
Demo of one experiment(15-20minutes)	By VLabs Team
Performance of Experiments (45-50 minutes)	By Students
And simultaneous filling of feedback forms	By Students
Q & A Session	



Resource person giving Overview of Virtual



Students performing Experiments in Virtual



Queries being addressed by Virtual Labs Team



Students giving feedback on Virtual Labs & the workshop

262 students from various disciplines such as EEE, ECE, EIE, CSE, IT, CSSE, ME and CE have registered and participated in the workshop held in two slots i.e., from 11:00 to 1:30 and from 2:30 to 5:00 PM in Room No. 408 of IT Department.



Group photo of participants with Resource persons and organizers