

**“Making Virtual Labs a Meaningful Learning Experience”
Sponsored By IIT, Delhi**

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**PANIPAT INSTITUTE
OF ENGINEERING & TECHNOLOGY**

(Approved by AICTE & Affiliated to Kurukshetra University, Kurukshetra)



An MHRD Govt of India Initiative



**Virtual Labs, IIT Delhi is conducting a centralised
State Level Workshop on Virtual Labs in PIET, Samalkha**



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**State Level Workshop
on
Virtual Labs
29th March, 2017**

About PIET

Panipat Institute of Engineering & Technology (PIET) was established by the Vidyapeeth Education Trust in the State of Haryana. The founders had a clear vision to provide world-class education and research with a view to serve the cause of society admirably. For the achievement of this cherished goal, PIET has covered many milestones of success till today.

PIET being in the league of top 10 engineering colleges in Delhi/NCR, attracts a large number of companies to its campus for placements. It has the best placements record in Haryana. Consistently rated amongst the top engineering colleges in Haryana year after year, the institute is a big brand to reckon with. It envisions becoming one of the best engineering institutes in India.

About Virtual Labs

Virtual Labs are web-enabled platforms for conducting experiments via simulations. They are intended to provide remote access, encourage faculty and students for performing experiments and thereby getting them interested in their respective disciplines in a meaningful way.

A consortium of 12 participating institutes, nationally coordinated by IIT Delhi is engaged in the design and development of Virtual labs for a range of subjects in different disciplines.

Web enabled experiments can be designed for remote operation and viewing so as to enthuse the curiosity and innovation into students. This would help students in learning basic and advanced concepts through remote experimentation

Benefits of using Virtual Labs by Colleges

- To encourage students to conduct experiments by arousing their curiosity which would help them in learning basic and advanced concepts through remote experimentation.
- To provide a complete Learning Management System around the Virtual Labs where the students can avail the various tools for learning, including additional web-resources, video-lectures, animated demonstrations and self evaluation.
- To share costly equipment and resources, which are otherwise available to limited number of users due to constraints of time and geographical distances.
- To provide remote access to labs in various disciplines of science and engineering

Registration / High Tea	10:30 - 11:00
Inauguration / Introduction To Vlabs	11:00 - 12:00
Demonstration of Experiments	12:00 - 1:00
LUNCH BREAK	1:00 - 2:00
DEMO - I (CSE / IT)	2:00 - 2:45
DEMO -- II (ECE / EE)	2:00 - 2:45
DEMO - III (APPLIED SCIENCES)	2:00 - 2:45
Certificate Distribution	2:45 - 3:15
Closing Ceremony / High Tea	3:15 - 3:30