

I Year - I Semester	L	T	P	C
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**APPLIED/ENGINEERING PHYSICS - VIRTUAL LABS – ASSIGNMENTS**  
(Constitutes 5% marks of 30marks of Internal-component)

**Objective:** *Training Engineering students to prepare a technical document and improving their writing skills.*

**LIST OF EXPERIMENTS**

1. Hall Effect
2. Crystal Structure
3. Hysteresis
4. Brewster's angle
5. Magnetic Levitation / SQUID
6. Numerical Aperture of Optical fiber
7. Photoelectric Effect
8. Simple Harmonic Motion
9. Damped Harmonic Motion
10. LASER – Beam Divergence and Spot size
11. B-H curve
12. Michelson's interferometer
13. Black body radiation

**URL:** [www.vlab.co.in](http://www.vlab.co.in)

**Outcome:** *Physics Virtual laboratory curriculum in the form of assignment ensures an engineering graduate to prepare a /technical/mini-project/ experimental report with scientific temper.*