



# VIDYAVARDHAKA COLLEGE OF ENGINEERING

(Affiliated to VTU and approved by AICTE)

Accredited by NAAC with 'A' Grade

Programs accredited by NBA, New Delhi- CS, IS, EC, ME & EE

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## DEPARTMENT OF PHYSICS

### Engineering Physics Lab (18PHYL16/26)

#### List of experiments and the drive link

##### 1. Series and parallel LCR Circuit

Link: [https://drive.google.com/file/d/1OI5V83Fe1TXBnMrf\\_0H6n\\_2pxfkGfSUJ/view?usp=sharing](https://drive.google.com/file/d/1OI5V83Fe1TXBnMrf_0H6n_2pxfkGfSUJ/view?usp=sharing)

##### 2. Dielectric Constant

Link: [https://drive.google.com/file/d/1YGIgg-4lXBhG-bUzD6TZgWo\\_h88CRWDH/view?usp=sharing](https://drive.google.com/file/d/1YGIgg-4lXBhG-bUzD6TZgWo_h88CRWDH/view?usp=sharing)

##### 3. Spring Constant

Link: <https://drive.google.com/file/d/1LJfMZwT2xJNV-vDSNng-jGtJowCms-JO/view?usp=sharing>

##### 4. Laser Diffraction

Link: <https://drive.google.com/file/d/1Bs5eyWI4EmOum0KuBuN8AYTeT3dssn7X/view?usp=sharing>

##### 5. Fermi Energy

Link: <https://drive.google.com/file/d/1lba6cBsYlyiNpIEjvJYj8z54la6x030O/view?usp=sharing>

##### 6. Magnetic field intensity

Link: <https://drive.google.com/file/d/1IGzcExsiT3NEaY5-QS8C2rPBu8YVqS0i/view?usp=sharing>

##### 7. Torsional pendulum

Link: [https://drive.google.com/file/d/1JuqEFKbU5keUdv-ZY\\_p1ah-\\_czgLMd23/view?usp=sharing](https://drive.google.com/file/d/1JuqEFKbU5keUdv-ZY_p1ah-_czgLMd23/view?usp=sharing)

##### 8. Photo diode characteristics

Link: <https://drive.google.com/file/d/1-zHx9SDMjURbivVT65IWIgrgviCHzWdH/view?usp=sharing>

##### 9. Numerical aperture and angle of acceptance

Link: <https://drive.google.com/file/d/1h7uj3ri6tZkgGQ4jNDL6YF9hK5uq17-f/view?usp=sharing>