











**SOLID STATE PHYSICS & OPTICS**

**QR-CODE**

EXPERIMENTS	QR CODE	EXPERIMENTS	QR CODE	EXPERIMENTS	QR CODE
1.Determine the value of specific value of specific charge of electron By Thompson Method.		5. Determination of Dynamic resistance and current gain of transistor in common base (CB) configuration		9. The aim of the experiment is to determine the divergence and wavelength of a laser beam.	
2.Determine the ripple factor 'r' and efficiency 'η' for Half Wave and Full Wave rectification.		6. Determination of Dynamic resistance and current gain of transistor in common emitter (CE) configuration			
3.Determine cut-in voltage and forward dynamic resistance of Germanium and Silicon P-N junction diode		7. Determine the wavelength of sodium light by Newton's rings			
4.Determine the Break down Voltage and Dynamic Resistance of Zener Diode		8. Determine the thickness of a thin foil by using wedge shaped thin film.	