









Department of Science & Humanities

QUANTUM PHYSICS & OPTICS LAB







QR-CODE

EXPERIMENTS	QR CODE	EXPERIMENTS	QR CODE	EXPERIMENTS	QR CODE
1. Determination of acceptance angle and numerical aperture using optical fiber kit.		2. Determine the value of specific value of specific charge of electron By Thompson Method.		3. Determine the ripple factor 'r' and efficiency 'η' for Half Wave and Full Wave rectification.	
4. Determine cut-in voltage and forward dynamic resistance of Germanium and Silicon P-N junction diode.		5. Determine the Break down Voltage and Dynamic Resistance of Zener Diode.		6. Determination of Dynamic resistance and current gain of transistor in common base (CB) configuration.	



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EXPERIMENTS	QR CODE	EXPERIMENTS	QR CODE	EXPERIMENTS	QR CODE
7. Determination of Dynamic resistance and current gain of transistor in common emitter (CE) configuration		8. Determine the wavelength of sodium light by Newton's rings		9. Determine the thickness of a thin foil by using wedge shaped thin film.	
10. Determination of Planck's constant		11. Verification and interpretation of truth table for AND, OR, NOT, NAND, NOR, Ex-OR, Ex-NOR gates.		12. To determine the Hall voltage developed across the sample material. To calculate the Hall coefficient and the carrier concentration of the sample Material.	

NOTE : Scan these above QR with the help of Google lens.