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CO3	Exa	mine th	e chara	cteristi	cs of p	hotodio	ode, p-	n junct	ion dio	de and s	olar cell	. [L4]				
CO4	Asse	ess the	intensi	ty of the	he ma	gnetic	field o	of circu	ılar coi	1 carryi	ng curre	ent with	distance	and		
	mea	sure res	sistance	using	four pr	obe mo	ethod.	[L4]								
CO5	Estin	mate th	e accep	tance a	ngle of	f an op	tical fi	ber and	numer	rical ape	rture. [L	<u>4]</u>				
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1			nine the							_			CO1,CO6			
2			mine the Magnetic Susceptibility by Gouy's Method. mine the Hall Coefficient using Hall Effect experiment.													
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6		Study the characteristic curves of a Photo Diode. Illustrate the V-I the characteristics of P-N junction Diode.								002.001						
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9		Determine the Resistivity of Semiconductor by Four Probe Method.										CO4,CO6				
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			tance A			-		-	-				CO5,	CU6		

Learning Resources		
ext Books		
. RamaraoSri, Choudary Nityanand and Prasad Daruka, Lab	Manual of	Engineering
Physics Vth ed., Excell Books, 2010 eference Books		
1. Semiconductor Devices & Physics, S.M.Sze,Wiley,2008.		
Resources & other digital material		
1. https://nptel.ac.in/courses/115/105/115105120/		
2. https://nptel.ac.in/courses/115/107/115107095/		
3. https://nptel.ac.in/courses/115/104/115104109/		
4. http://www.physicsclassroom.com/The-Laboratory		
5. https://www.vlab.co.in/broad-area-physical-sciences		
6. https://www.niser.ac.in/sps/teaching-laboratories		