

Laboratory of Solid State Electronics (M.Sc.)

Department of Physics, NIT Srinagar

Faculty Incharge:

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R. No. : 338

S. No.	Name of Experiment	Bench No.
1.	Study of characteristics of semiconductor diode	
2.	Study of P-N junction with temperature.	
3.	Investigation of transistor characteristics of n-p-n and p-n-p transistors	
4.	To determine the h-parameters of a transistor.	
5.	To plot the V-I Characteristics of the solar cell and hence determine the fill factor	
6.	To study the Schmitt trigger characteristic using IC 741	
7.	EXPEYES-17 kit Experiment: Half wave Rectifier and Full wave Rectifier	
8.	EXPEYES-17 kit Experiment: Diode Clipping & Clamping	
9.	EXPEYES-17 kit Experiment: Transistor Amplifier	
10.	EXPEYES-17 kit Experiment: Inverting Amplifier and Non-inverting Amplifier	