I SCR TURM ON METHOD

O- By rising demperature [Thermal Triggering]

IA= 2Ig+ICBO, + ICBOZ [1- (x1+d2))

As we 1 temperature (1,+1/2:) -> 1, IA current will in crease and Sch will trigger.

By light triggering melled: - [optical triggering] Ne discuss here about [LASCR] light Activated SCR.

Normal sch triggering p Ande Iq I

LASCR Light JA o cathode

Wingon 25 N 25 N 25 d'K

due to light coming from Window ad J2 the EHPS are generated and J2 junction deministes, current starts flowing from Anode to Cathode

By high voltage: F Eforward vellage briggering VBO VINOVBO Current: - [-gate triggering] 182/78/ 132° 1927 1807 VB02 VB07 VB02 VB02 VB01 VB0 By un one asing de I de triggoring dy - Facts of charge of voltag wrt Ie=cdv dv 1 It de is very high is sufficient to turn OM SCR.

MOTE: - By applying the voltage ad Gate terminal SCR stoots conducting heavily. (Applically 1.5 V, 30 mA) 2) To operate SCR Junction 51, 52 and Fud bias. should be in