Ch-2 Thypistors and their operations: Thyriston: - It is servi conductors device. It has -x-x- high voltage and current nating, so ut us used as en power controlling. It has fast switching speed so it is used as switching Use: - used in D.C. and A.C motor control, induction heating, power control in aeroplane, computer etc Types of Thyristor! -1) SCR, 2) TRIAC, 3) DIAC, 4) SVS, 5) 3BS, 6) SCS 7) LASCR 8(4TO MOTE: - SCR, TRIAC and DIAC are most umportant lybristor. Silicon Controlled Rectifier (SCR) It has four p-n-pn layer and three dermin als Anode (A), calhode (K) and gate (G). It has three junctions J, J2 and J3 in current controlling NOTE: - SCR





