

Power Electronics Lab

Power Electronics Lab is equipped with trainer kits and modules to carry out experiments to learn the characteristics of various power electronic switches and understand the working of various power conversion schemes such as inverter, rectifier, chopper and AC voltage regulator.



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Equipment Details

Hardware	Qty
SCR, MOSFET, IGBT & Triac static characteristics module	2
MOSFET Module	2
IGBT Module	2
Single-phase half & Fully controlled Bridge Convertor	2
Three-phase half & Fully controlled Bridge Convertor	2
Forced Commutation Circuit (A, B, C, D & E)	2
Commutation (Chopper) Circuit Module	2
Jones chopper trainer module with array	2
UJT firing module	2
Push-pull inverter	2
Modified-McMurray Bedford full bridge inverter	2
AC Phase control using SCR, Triac & Diac	2
PWM inverter control module	2
AC Phase control using SCR, Triac & Diac	2