

INDUSTRIAL ELECTRONICS & CONTROL OF DRIVES (P-85004)

- 1. To draw V-I characteristics of an SCR.**
- 2. To draw V-I characteristics of a TRIAC.**
- 3. To draw V-I characteristics of a DIAC.**
- 4. To draw uni-junction transistor characteristics.**
- 5. Observe the output wave of an UJT relaxation oscillator.**
- 6. Observe the wave shape across SCR and load of an illumination control circuit.**
- 7. Fan speed regulator using TRIAC.**
- 8. Speed-control of a DC shunt motor or universal motor.**
- 9. To observe the output wave shape on CRO of a Single phase half controlled full wave rectifier.**
- 10. Single phase controlled rectifier.**
- 11. Use of Variable Frequency Drive for running a 3 phase Induction motor.**