

SYLLABUS :-

1. Familiarisation with power electronic components
2. Single-phase full and half controlled converters
3. Three-phase full and half controlled converters
4. Basic non-isolated DC to DC converters
5. Basic isolated DC to DC converter
6. Single and two quadrant choppers
7. Three-phase PWM voltage source inverter
8. Speed control of DC motor
9. Familiarisation with three phase variable frequency drive
10. Mini project