






S. N. Patel Institute of Technology & Research Centre, Umrakh

(A Vidyabharti Trust Institution)

Electrical Engineering

Laboratory Name: Electrical Machine-II (3150910)

Sr.No.	Equipment Name and Description	Photo
1	3 phase Induction Motor : 5 HP,415V,8.1 AMP,1410 R.P.M VOLTMETER : 0-600 V AMMETER : 0- 10 A WATTMETER 0-750 W	
2	ALTERNATOR : 3KVA, 4.2 A ,1500 RPM , 415V DC MOTOR : 5.0 HP, 220V, 19A 1500RPM VOLTMETER : 0-600 V AMMETER : 0- 10 A WATTMETER 0-750 W TACHOMETER	
3	ALTERNATOR : 3KVA, 4.2 A ,1500 RPM , 415V DC MOTOR : 5.0 HP, 220V, 19A 1500RPM VOLTMETER : 0-600 V AMMETER : 0- 10 A WATTMETER 0-750 W TACHOMETER	



S. N. Patel Institute of Technology & Research Centre, Umrakh

(A Vidyabharti Trust Institution)

Electrical Engineering

Laboratory Name: Electrical Machine-1 (3140913)

Sr.No.	Equipment Name and Description	Photo
1	TANSFORMER : 2 KVA 115/220 V VOLTMETER : 0-300 V AMMETER : 0- 10 A WATTMETER 0-750 W	
2	DC SHUNT MOTOR : 5HP , 19 A ,1500 RPM,220V Diameter of Pully 30 cm DC VOLTMETER : 0-300 V DC AMMETER : 0-30 A TACHOMETER	
3	DC SERIES MOTOR : 5 HP,220 V, 1500 RPM , 19A Diameter of Pully 30 cm DC VOLTMETER : 0-300 V DC AMMETER : 0-30 A TACHOMETER	
4	DC SHUNT GENERATOR : 220 V, 1.8 KW, 8.2 A, 1500 RPM DC VOLTMETER : 0-300 V DC AMMETER : 0-30 A TACHOMETER	
5	DC COMPOUND MOTOR COMPOUND GENERATOR SET : 220 V, 1.8 KW, 8.2 A, 1500 RPM DC VOLTMETER : 0-300 V DC AMMETER : 0-30 A TACHOMETER	