




**BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY**  
**Mangalpally,Ibrahimpattam**

EEE DEPARTMENT LABORATORY DETAILS - B.TECH- ELECTRICAL MACHINES LAB

SL.NO	ROOM NUMBER	NAME OF THE EQUIPMENT	MAKE	MODEL	TOTAL UNITS AVAILABLE	EQUIPMENT PHOTO
1	M-110A	DC SHUNT MOTOR COUPLED WITH DC SHUNT GENERATOR (MG) SET ACCESSORIES: Meters : Ammeter(MC) : Ammeter( MC) : Voltmeter(MC) Motor Rheostat Generator Rheostat Resistive Load Tachometer	Tech Track	NA	1	
2	M-110A	DC COMPOUND MOTOR WITH MECHANICAL LOADING ARRANGEMENT ACCESSORIES: Meters : Ammeter(MC) : Ammeter( MC) : Voltmeter(MC) Motor Rheostat Tachometer.	Kirloskar	NA	1	
3	M-110A	DC SERIES IDENTICAL MACHINES COUPLED WITH BASE PLATE & COUPLING ACCESSORIES: Meters : Ammeter(MC) : Ammeter( MC) : Voltmeter(MC) Voltmeter(MC) Voltmeter(MC) Tachometer	Benn	NA	1	
4	M-110A	DC SHUNT MOTOR with suitable arrangement ACCESSORIES: Meters : Ammeter(MC) : Ammeter( MC) : Voltmeter(MC) Rheostats Tachometer	Kirloskar	NA	2	
5	M-110A	SEPARATELY EXCITED DC SHUNT MOTOR COUPLED TO SEPARATELY EXCITED GENERATOR ACCESSORIES: Meters : Ammeter(MC) : Voltmeter(MC) Motor Rheostat Generator Rheostat Tachometer	Kirloskar	NA	1	

6	M-110A	D.C compound generator with suitable arrangement ACCESSORIES: Meters : Ammeter(MC) : Ammeter( MC) : Voltmeter(MC) Voltmeter(MC) Voltmeter(MC) Tachometer Resi	Tech Track	NA	1	
1	M-110B	MG SET CONSISTING OF DC SHUNT MOTOR WITH 3-PHASE ALTERNATOR ACCESSORIES: Meters : Ammeter(MC) : Ammeter( MI) : Voltmeter(MI) Rheostats Excitation Box Tachometer	Bharat Electric Company	NA	1	
2	M-110B	SQUIRRELCAGE INDUCTION MOTOR WITH MECHANICAL LOADING ARRANGEMENT ACCESSORIES: Meters : Ammeter(MI) : Voltmeter(MI) :Watt meter(UPF) :Watt meter(LPF) Tachometer.	Primo	NA	1	
3	M-110B	3-PHASE ROTOR WOUND/STATOR EXCITED/SEPARATELY EXCITED // SALIENT POLE TYPE /AUTO.SYNCHRONOUS MOTOR WITH DAMPER WINDINGS FOR AUTO INDUCTION STAR COMPLETE WITH MECHANICAL LOADING ARRANGEMENT ACCESSORIES: Ammeter(MI) Ammeter(MC) Voltmeter(MI) Watt meter(UPF)	Bharat Electric Company	NA	1	
4	M-110B	Singe phase induction Motor with necessary arrangement ACCESSORIES: Ammeter(MI) Ammeter(MC) Voltmeter(MI) Watt meter(UPF)	BEC CROMPTON GREAVES	NA	1	
5	M-110B	1-Phase Transformers	Tech trak, ITL	NA	2	
6	M-110B	1-Phase Transformers	Tech track, ITL	NA	5	
7	M-110B	1-Phase Transformers	Tech track, ITL	NA	2	

8	M-110B	3-PHASE INDUCTIVE LOAD	AE	NA	1	
9	M-110B	3-Phase Variac	AE	NA	3	
10	M-110B	1-Phase Variac	AE	NA	6	