

DEPARTMENT OF ELECTRICAL ENGINEERING
ELECTRICAL MEASUREMENT LAB

LAB INFORMATION

LAB INCHARGE	Mr.S.M.kamble
LAB ASSISTANT	Mr.A.V.Mali
AREA OF LAB	104.59 Sq mtr
APPROX.INVESTMENT	484235

DEPARTMENT OF ELECTRICAL ENGINEERING
BASIC ELECTRICAL & ELECTRONICS LAB

LAB INFORMATION

LOB INCHARGE	Mr.S.B.Pawar
LAB ASSISTANT	Mr.A.V.Mali
AREA OF LAB	66 Sq mtr
APPROX.INVESTMENT	524603

DEPARTMENT OF ELECTRICAL ENGINEERING
AC-DC MACHINE LAB

LIST OF MAJOR EQUIPMENTS

Sr.No.	NAME OF EQUIPMENT
1)	Cut Section Working Model of AC & DC Machine
2)	Control Panel
3)	DC shunt motor
4)	DC Series motor
5)	V and Inverted V Curves of 3 phase
6)	Synchronous Motor. Single Phase Auto - Transformer (Variac)

**DEPARTMENT OF ELECTRICAL ENGINEERING
AC-DC MACHINE LAB**

LAB INFORMATION

LOB INCHARGE	Mr.S.B.Pawar
LAB ASSISTANT	Mr.A.V.Mali
AREA OF LAB	104.59 Sq mtr
APPROX.INVESTMENT	AC-1489158 DC-896634

DEPARTMENT OF ELECTRICAL ENGINEERING
ELECTRICAL CIRCUIT & NETWORK LAB

LIST OF MAJOR EQUIPMENTS

Sr.No.	NAME OF EQUIPMENT
1)	Charging and discharging of capacitor
2)	R-L-C resonance trainer
3)	Regulated power supply circuit
4)	Study of optical Transducer
5)	Experimentation with transient analysis of RC,RL Circuit
6)	To determine the relationship between line and phase values of vtg.& current inbalanced star connected load
7)	To verify maximum power transfer theorem
8)	Resonance in R-L-C Series Circuit
9)	Understanding Network Theorems
10)	Two Port Network Trainer

**DEPARTMENT OF ELECTRICAL ENGINEERING
POWER ELECTRONICS LAB**

LAB INFORMATION

LOB INCHARGE	Mr.S.B.Shaikh
LAB ASSISTANT	Mr.A.V.Mali
AREA OF LAB	66 Sq mtr
APPROX.INVESTMENT	577882

DEPARTMENT OF ELECTRICAL ENGINEERING
ELECTRICAL MEASUREMENT LAB

LIST OF MAJOR EQUIPMENTS

Sr.No.	NAME OF EQUIPMENT
1)	Burdon Tube Pressure Guage Trainer
2)	Flow Measurement using Orifice & Manometer
3)	Flow Measurement using Venturi & Manometer
4)	Flow Measurement using Rotameter Meter
5)	Level Measurement using Capacitance Transduser

DEPARTMENT OF ELECTRICAL ENGINEERING
BASIC ELECTRICAL & ELECTRONICS LAB

LIST OF MAJOR EQUIPMENTS

Sr.No.	NAME OF EQUIPMENT
1)	single & three phase inductive load bank
2)	Electricity Lab Trainer
3)	50 MHz Bandwidth, 2 Channel Digital Storage Oscilloscope
4)	Three phase low voltage power supply
5)	single phase/three phase resistive load bank
6)	single phase/ three phase capacitive load bank
7)	Determination of transformation ratio of single phase transformer
8)	transformer

**DEPARTMENT OF ELECTRICAL ENGINEERING
ELECTRICAL CIRCUIT & NETWORK LAB**

LAB INFORMATION

LAB INCHARGE	Mr.S.M.Gaikwad
LAB ASSISTANT	Mr.A.V.Mali
AREA OF LAB	66 Sq mtr
APPROX. INVESTMENT	215282