

National Institute of Technology Patna
Department of Electrical Engineering

Date: 29-09-2021

Routine of Experiments for Students (Electrical Engg) of Intuition of Engineers (India)

04.10.2021 to 08.10.2021

The students appearing in Section B Examination (Electrical Engineering) of the Institution of Engineers (India), 8, Gokhale Road, Kolkata-700020 at NIT Patna are directed to report to EE Department office, NIT Patna at 10 AM for Laboratory experiments to be carried out at Electrical Engineering Department from 04.10.2021 to 08.10.2021 are as follows:

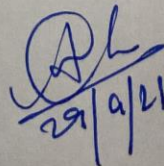
S. No.	Name of Experiments	Held at Laboratory
1	Characteristics of Single Phase A.C. Series and Parallel Circuits	Basic EE Lab
2	Measurement of Power Consumed by a Fluorescent Lamp	Basic EE Lab
3	Verification of Thevenin's and Norton's Theorems	Basic EE Lab
4	Study of D.C. Motor Starter and Speed Control of Shunt Motor	Machine Lab
5	Circle Diagram of Three-Phase Induction Motor	Machine Lab
6	Over Current Relay	Power System Lab
7	Synchronous Generator and Motor	Power System Lab
8	Measurement of Low Resistance by kelvin Double Bridge	Measurement Lab
9	Measurement of Resistance by Voltmeter and Ammeter Method	Measurement Lab
10	Measurement by Schering Bridge	Measurement Lab

Schedule of Lab Performance

Timings:-FN- 10:00 AM to 01:00 PM

AN-02:00 PM to 05:00 PM

DATE	Serial Number of Experiments for Both sessions			
	Group-I		Group-II	
	FN	AN	FN	AN
04.10.2021	01	08	08	09
05.10.2021	06	04	01	06
06.10.2021	07	05	10	04
07.10.2021	02	09	03	05
08.10.2021	03	10	02	07


29/9/21

HOD (EE)