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#### **Electrical Machines 1 Lab Manual**

ELECTRICAL MACHINES LABORATORY – 1 Sub Code: 15EEL37 IA Marks: 20 Hrs/week: 03 Exam Hours: 03 Total Hours: 42 Exam Marks: 80 1. Open Circuit and Short circuit tests on single phase step up or step down transformer and predetermination of (i) Efficiency and regulation.

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Electrical Machines 1 / Lab Manuals for Electrical Machine 1 - EM1 By NIhar Ranjan Rout. Download PDF. Read Now. Save Offline. EM1 . practical  $\cdot$  12 Topic  $\cdot$  7942 View  $\cdot$  123 Offline Downloads  $\cdot$  Total Page 87 . Uploaded 2 years ago . Topics. Determination Of Critical Resistance Critical Speed From No Load Test Of A Dc Shunt Generator. 11.

#### Lab Manuals Electrical Machine 1 EM1 By Nihar Ranjan R ...

LABORATORY MANUAL. For DEPARTMENT OF ELECTRICAL ENGINEERING. Subject Name:- ELECTRICAL MACHINES-1 Subject code:- ET-215-E. OM INSTITUTE OF TECHNOLOGY AND MANAGEMENT V.P.O. : Juglan, 12 KM stone, Hisar-Chandigarh Road, National Highway - 65 District.

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Electrical Machines Lab 1 GRIET EEE 8 Procedure: 1. Voltage Control Method: Make the connections as per the given circuit diagram. Keep the External resistances in the Armature and Fields circuits at minimum resistance (zero) position. Switch on the supply and increase the voltage gradually to its rated voltage i.e. 220V.

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## **EEE Lab Manuals-Free Download**

The electrical machine laboratory is a fundamental subject for all electrical engineering students and for this reason recently De Lorenzo has decided to upgrade the old laboratory equipment and to provide students with hands-on application on up-to-date electric machines, drives and instruments, as well as to improve their preparation theory learned from lectures.

## **Electrical Machine Laboratory - De Lorenzo Group**

electrical machines-ii laboratory 2 institute of aeronautical engineering dundigal, hyderabad - 500 043 department of electrical and electronics engineering electrical machines-ii labaratory list of experiments sl.no name of the experiment page no 1 open circuit & short circuit test on a single phase transformer 3 2 sumpners test 10

## **ELECTRICAL MACHINES-II LABORATORY MANUAL**

Department of Electrical & Electronics Engineering ELECTRICAL MACHINES LABORATORY – 2 Lab Manual Version 1.0 Feb 2017 Prepared by: Reviewed by: 1. R Sekar V.C Kumar Associate Professor Professor 2. Murugesh P D Assistant Professor 3. Praveen M G Assistant Professor 4.

## **ELECTRICAL MACHINES LABORATORY - 2 Lab Manual**

INTRODUCTION TO ELECTRIC CIRCUITS LAB (ECE-235 LAB) Objectives: 1- To introduce the students to the basic electrical equipments in the lab. 2- To be able to deal with some of the frequently used instruments and equipment; like the digital multimeter and DC Power supply. Introduction: DC Power Supply

## **ELECTRIC CIRCUITS LABORATORY MANUAL**

Introduction This laboratory manual is intended for use in a DCelectrical circuits course and is appropriate for two and four year electrical engineering technology curriculums. The manual contains sufficient exercises for a typical 15 week course using a two to three hour practicum period.

## **Laboratory Manual for DC Electrical Circuits**

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Lab manual experiment names. 1 OPEN CIRCUIT & SHORT CIRCUIT TEST ON A SINGLE PHASE TRANSFORMER . 2 SUMPNERS TEST. 3 SCOTT CONNECTION OF TRANSFORMERS. 4 NO LOAD AND BLOCKED ROTOR TEST ON A 3-  $\phi$  INDUCTION MOTOR. 5 REGULATION OF ALTERNATOR USING SYNCHRONOUS IMPEDANCE METHOD.

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LAB MANUAL EE6411 ELECTRICAL MACHINES LABORATORY - I . CIRCUIT DIAGRAM - LOAD TEST ON DC SHUNT MOTOR Figure 1.1 - Load Test on DC Shunt Motor . Ex. No: LOAD TEST ON DC SHUNT MOTOR Date : AIM: To draw the performance characteristics of the given DC shunt motor by conducting load test.

#### IV SEMESTER LAB MANUAL EE6411 ELECTRICAL MACHINES ...

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