

# **DIPLOMA IN ELECTRICAL ENGINEERING**

## **PART A : BASIC**

1. Fundamental Of Electrical Engineering
2. Electrical Circuit And Network

## **PART B : MACHINES**

1. D.C Machine & Transformers
2. A.C Machines
3. Testing & Maintenance Of Electrical Machines

## **PART C : POWER SYSTEM**

1. Electrical Power Generation
2. Transmission & Distribution Of Electric Power
3. Switchgear and Protection

## **PART D : ELECTRONICS**

1. Basic Electronics
2. Applied Electronics
3. Power Electronics And Drives
4. Microprocessor and Microcontroller

## **PART E : EXTRA**

1. Electrical Measurements
2. Instrumentation
3. Electric Traction
4. Electrical Estimation & Costing
5. Utilisation Of Electrical Energy
6. Energy Conservation And Audit

## **PART F : OTHER**

1. Heating,Ventilation And Air Conditioning
2. Management

## **SECTION : PRACTICAL**

1. Fundamentals Of Electrical Engineering
  2. Electrical Workshop Lab
  3. Electrical Circuit and Network Lab
  4. Electrical Engineering
  5. DC Machine and Transformers Lab
  6. AC Machines Lab
  7. Testing & Maintenance of Electrical Machines
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# Diploma In Electrical Engineering Syllabus

**Shasha Hu**



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