**Part B**

**AIM OF THE PROJECT : Chart on Three Phase Power Supply, Star Connection, Line and Phase voltage**

**Brief Description :**

1. This micro project gives all the information about Three phase power supply,Star connection,Line and Phase voltages.
2. This project is made on chart paper which is stapled on cardboard.
3. This micro project gives us the information about the three Phase Power Supply and its Types.
4. We have made diagrams of star connection,three phase power supply and line and phase voltages.
5. It is covered with a plastic cover which will protect the cardboard.
6. We have use materials such as pencil, scale, cardboard, chart paper, etc.

**Aim of micro project :**

This micro project aims at:

1. A comprehensive study of the three phase supply.
2. Displaying the circuit diagram of three phase supply and star connection.
3. This micro – project also gives the applications of three phase supply,star connection.

**Course Outcome integrated :**

Use of three phase supply and star connection, line and phase voltage

**Actual procedure followed :**

1. **Group Formation:-** Eec is a subject in which we study about different electrical components . The basic aim of micro- project is to accelerate the attainment of the variouse outcome in the course.In the first 2 weeks of December the subject was introduced .The syllabus as well as detail of micro-project was discussed.The group of 5 members were formed and the group leaders were selected. The schedule of Plan “A”,”B”& “PRESENTATION” were finalized. The various micro-project topics related to subject was discussed our guide gave us the opportunity to select the topic of our choice.
2. **Finalization Of Micro-Project:-** After attending the lectures for 2 weeks. We selected the topic for micro-project. We discussed the topic with our Guide regarding the concept which we are going to apply in the project. We individually tried to explain the basic platform of project.
3. **Planning:-** After finalization of the project we started working on the project. We started the planning phase. We discussed among ourselves regarding the resources such as chart paper,decoration,etc .In this week we completed ‘PART A PLAN’ of the micro-project which is nothing but a initial description about the project. We submitted it to the guide.
4. **Module Distribution &Analysis Part:-** Once the planning was over regarding resources,etc.We finalized the module which we will be designing.According to members we distributed the module among them. We started the analysis of project.
5. **Design Part :-** In this part we decided to make the chart planned about the resources required and it’s decoration part
6. **Implementation :-** In the week we actually started the technical phase .In this phase we technically started designing our chart. Each and every student did the writing part and designing part assigned to them. Finally the project was within the schedule time.
7. **Presentation :-** In this week we have to present the micro-project in front of the guide. Each member of group presented their own parts with confidence in front of guide. She asked us various queries regarding the topics. We presented the details of each concept of the topic .She asked us to do various changes regarding some topics.
8. **Submission:-** This week was submission week. We submitted our project along with ‘Part A & B Plan’ to the guide. We also submitted the hard copies and soft copies of project to the guide

**Actual resources used :**

|  |  |  |
| --- | --- | --- |
| **SR NO** | **ME OF RESOURCES REQUIRED** | **QUANTITY** |
| 1 | CHART PAPER | 1 |
| 2 | SCISSORS & FEVICOL | 1 |
| 3 | DECORATIVE MATERIAL | -- |

**Output of the micro project :**

The output of the project is according to following index :

|  |  |
| --- | --- |
| SR NO | CONTENT |
| 1 | REFERENCES |

REFERENCES

We do have used a few references during the process of building our project. The references used are from Websites, Books etc.

The references used are:

WEBSITES:

1: www.quora.com.

2: www.elprocus.com.

3: www.nidec.com.

REFERENCE BOOKS:

1: FET circuits (Book by Rufus P. Turne)

2: . FET principles, experiments & projects (Book by Edward M. Noll)

**Skill developed/learning out of this micro project :**

We have learned to work as a group, share data. We had learnt how to have active discussions