CHHOTUBHAI GOPALBHAI PATEL INSTITUTE OF TECHNOLOGY

Department of Electrical Engineering

A REPORT

ON

Short Term Training Program

on

"Hands on: Electrical Engineering Applications using Arduino and Proteus"

Title of the STTP	**Hands on: Electrical Engineering Applications using Arduino and Proteus**
Organizing Department	Department of Electrical Engineering
Convenor	Prof. Ankur Rana, HOD, Electrical Engineering Department
Organizing Secretary	Mr. Darshan Vora, Assistant Professor Ms. Unnati Mali, Assistant Professor
Target Audience	B. Tech and M. Tech students
Date of Programme	24th – 28th February, 2020
Invited Speakers	**Mr. Jayesh H. Munjani, Assistant Professor, CGPIT** **Mr. Mayank Kapadia, Assistant Professor, CGPIT**

Detail of STTP:

An STTP on "**Hands on: Electrical Engineering Applications using Arduino and Proteus**" was organized by Department of Electrical Engineering, Chhotubhai Gopalbhai Patel institute of Technology, UTU. This STTP was organized for Pre final year and M.Tech students. The sessions were very interactive and laid a very good impact on the audience.

Day 1: Experts Mr. Mayank Kapadia and Mr. Jayesh Munjani have given introduction of Arduino and Proteus. Basic Programming in Arduino was taught and students performed some hands on practical with arduino.

Day 2: Using Arduino, students have operated LED, Buzzers and Servo motor.

Day 3: Interfaced LCD and different sensors with Arduino.

Day 4: Arduino and Wifi Module is interfaced.

Day 5: On the last day of STTP, competition was held among students. They made small projects for the competition. They made projects like home automation, robot with ultrasonic sensor, traffic signal, Smart Parking system using arduino and different sensors.

The competition was judged by Ms. Hiteshwari Gamit from computer engineering department, CGPIT.

<u>Glimpse of The Program</u>:
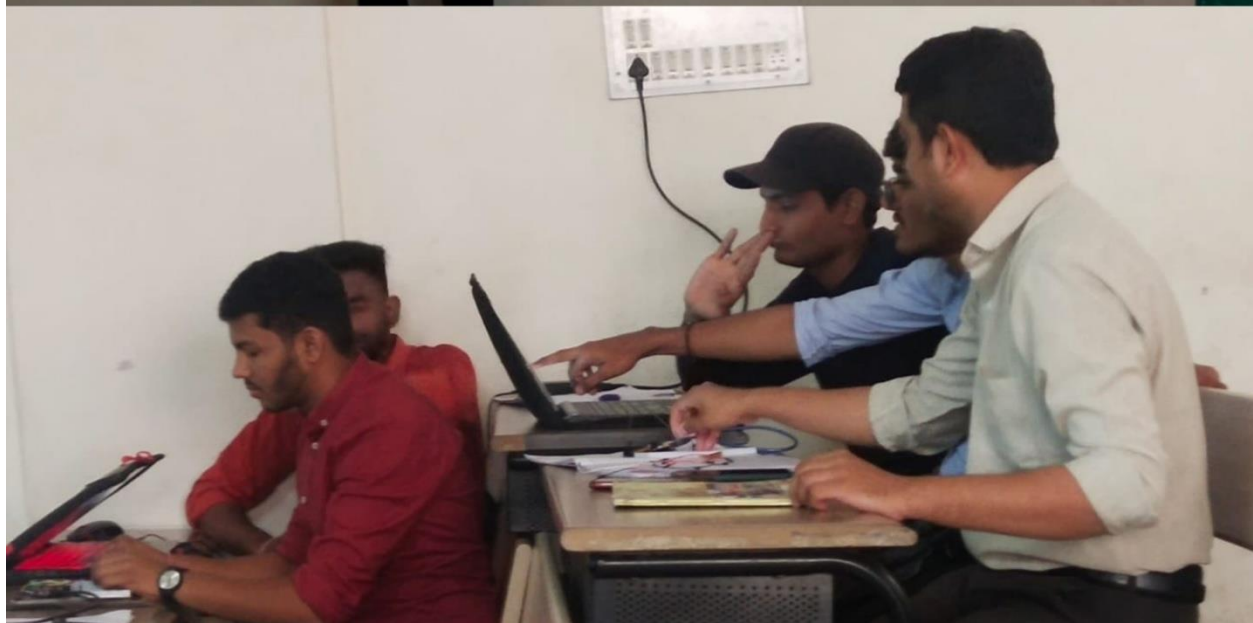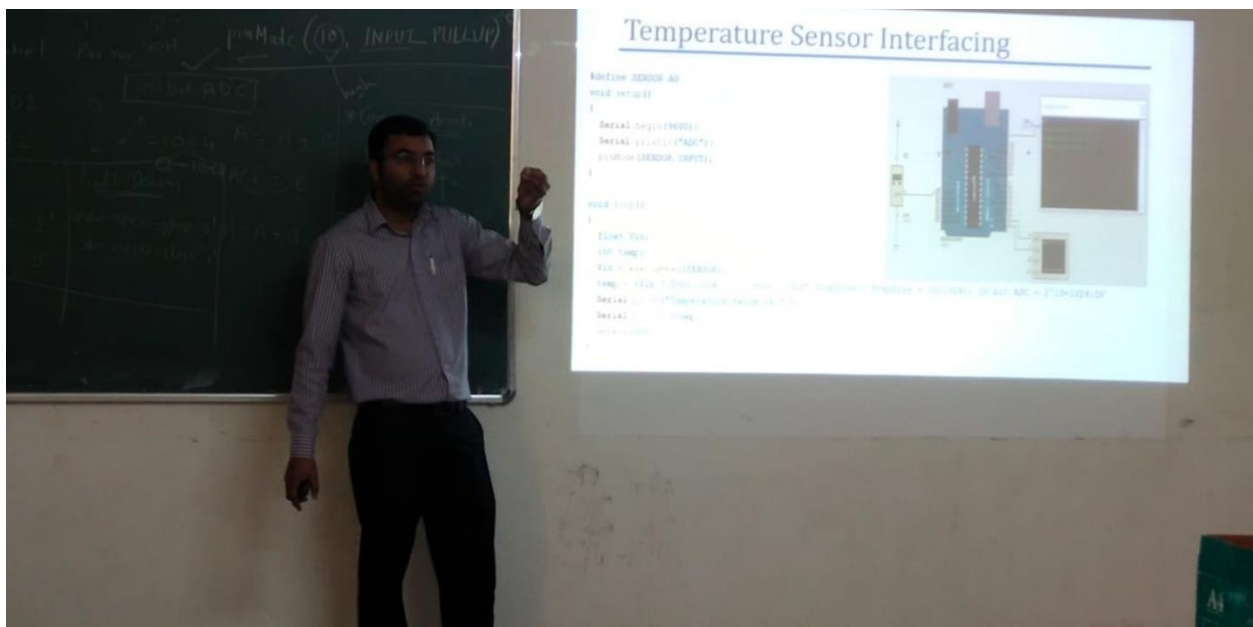
Technical Session by experts

Glimpse of Competition

Appreciation of Experts
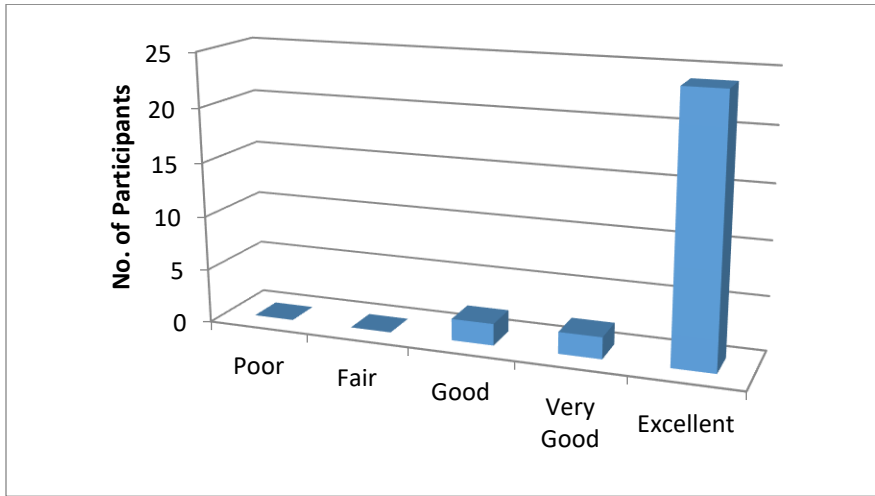
Appreciation of a Jury

Winners of competition
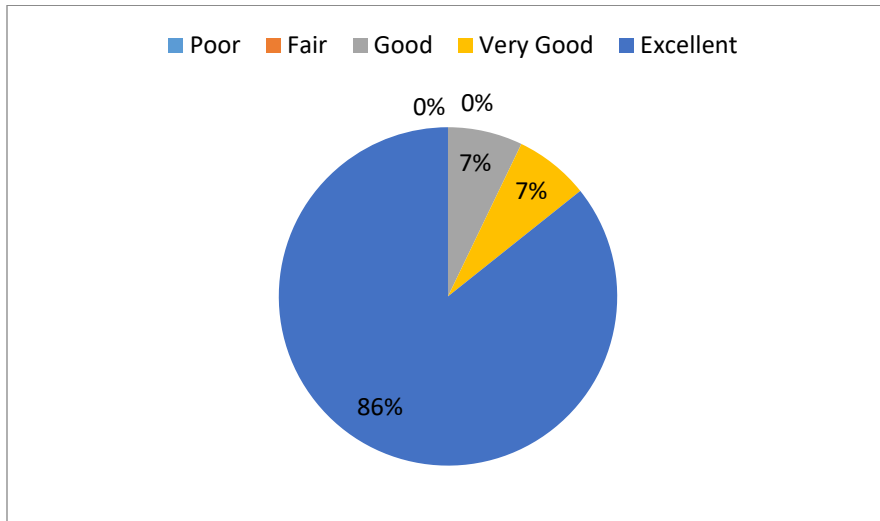
Valedictory with Group Photo

Feedback:

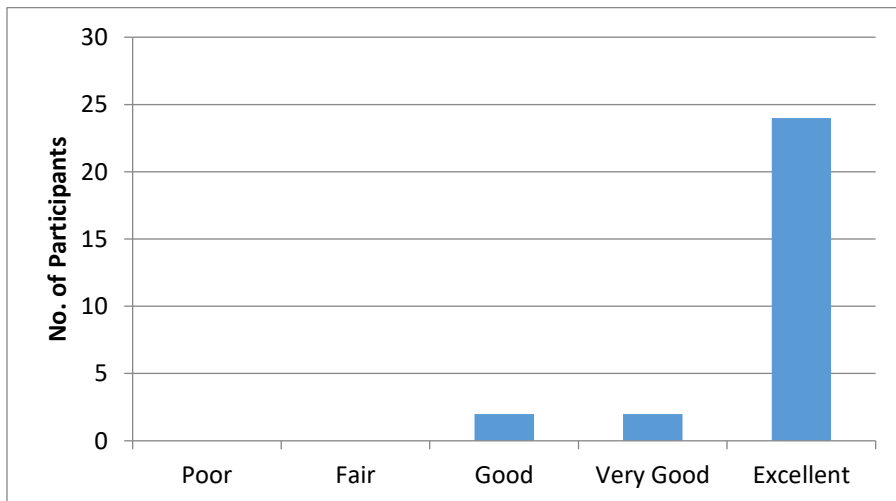1.   Information imparted in the Program:
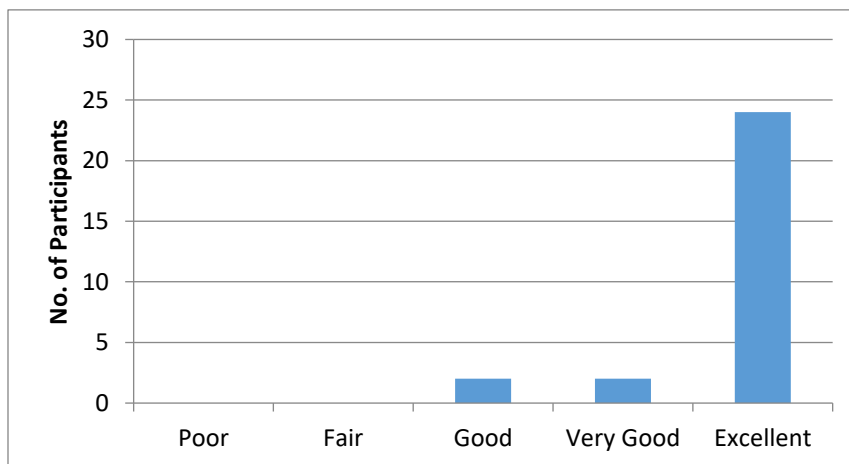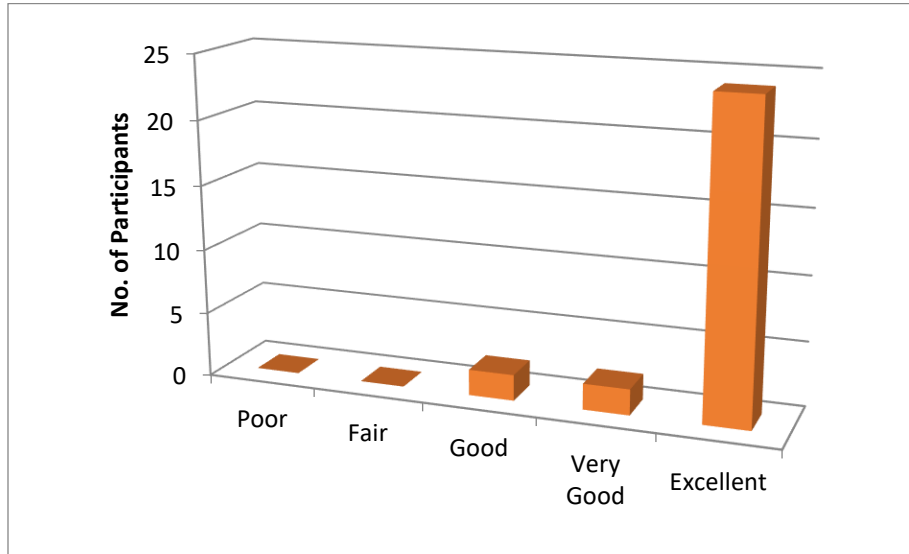
2. Course contents:

3. Usefulness of course contents in practical use:
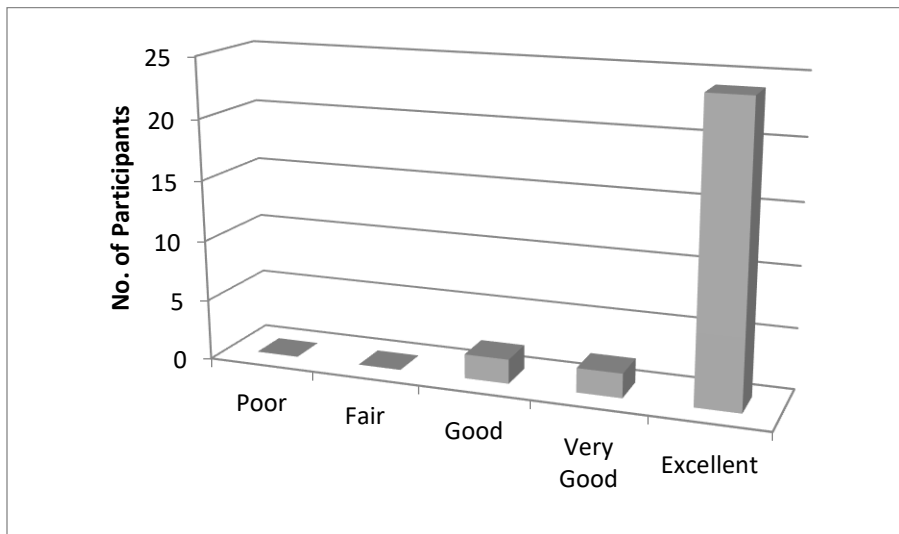

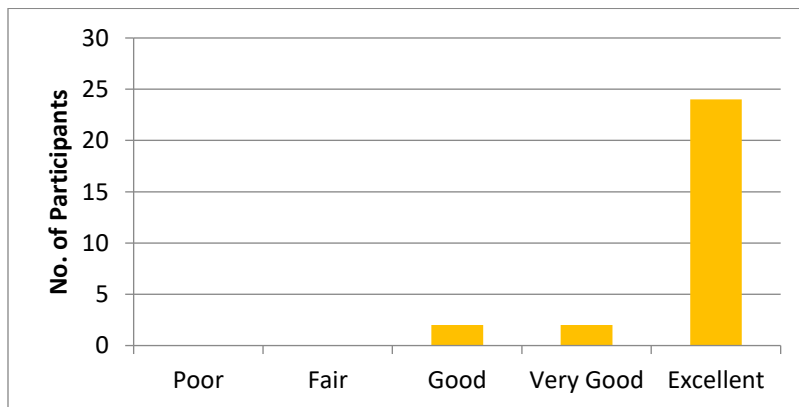4. Faculty/speaker's Knowledge about subject:

5. Faculty/speaker's Presentation methods:

6. Faculty/speaker's level of Instructions:

7. a) Relevance of learning to Participants:

8.   Overall Grading of the Program: