

## SESSION REPORT

**GEON**  
**session no.1**

**Date:1/09/17**  
**Place:GECH**  
**Timings:2:30-4:30pm**

A report by and **Anoop G A** and **Hemavardini G M**

### Session Synopsis:

The Internet Of Things is an emerging topic of technical, social and economic significance. As decided in the beginning of the semester, the plan was to go with IOT based projects, basic concepts of IOT, web designing and required hardware tools.

### Session Topics:

- ❖ Overview of IOT
- ❖ HTML basics
- ❖ Network basics
- ❖ ESP 8266 datasheet
- ❖ Activities: Web designing, some information on touch screen technology.

### Session Description:

#### ❶ Explanation of IOT : CHINMAYEE R

As soon as session started Chinmayee was the beginner and explained clearly about IOT ,by few daily life examples which works under IOT.And participants were able to acquire more knowledge

#### ❷ Introduction to HTML : JASWANTH H C

Since to display data on webpage ,the participants were in need of knowing about HTML.Jaswanth gave some description of HTML and its application in different fields.

#### ❸ Demonstration & working of Webpage: DANIYAL MUJAHID

Later the session was continued with Daniyal Mujahid. The demonstration regarding the working of a webpage on a ESP8266 module was given by him and he thought how create webpage using HTML.

#### ④ **Basic terminologies of wifi network : CHANDAN KUMAR**

Everyone is familiar with the word WIFI but almost most of the people fail to explain how it works. So in giving information about the basic network and working of wifi, Chandan did a good job by explaining them all in an effective manner.

#### ⑤ **Datasheet of ESP8266 wifi module : HEMAVARDINI GM**

Before going to the connections , firstly we need to know about the physical description of the component . So Hemavardini explained the important parts of the datasheet which included the voltage,current ratings , pin configuration, firmware commands and communication over serial.

#### ⑥ **Brief introduction to Touch screen technology : GAGANA M G**

It was a good session so, to end it in the same manner volunteers thought of giving last few minutes to explain latest technology. Gagana gave a descriptive information on touch screen technology which is trending and Interesting topic.! Later the session was concluded.

#### **Session Outcome:**

Participants came to know about the importance of IOT,and working of a webpage.

#### **Session feedback:**

- Session was interactive and useful.
- Much weightage should be given on practical topics which will be interesting.

#### **VOLUNTEERS LIST:**

- DANIYAL MUJAHID
- CHANDAN K
- JASWANTH H C
- APOORVA M S
- ARCHANA
- HEMAVARDINI G M
- CHINMAYEE R
- GAGANA M G

#### **PARTICIPANTS LIST:**

- DHANALAKSMI M G
- KUMUDHWATHI C
- ARCHANA G S
- MEGHANA N P
- H V SANJANA
- NASREEN
- KHANITHA FARHEEN