

# SESSION REPORT

GEON  
session no.2

Date:07/09/17

Place: GECH

Timings:2:30-

4:30pm

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

## Session Synopsis:

- ❖ Continuation of First session activities and a technical activity.

## Session Topics:

- ❖ Data sheet continuation
- ❖ Demonstration/Activity
- ❖ AT commands explanation
- ❖ Hands-on configuration of module

## Session Description:

### ❶ Continuation of Datasheet :HEMAVARDINI GM

The participants were told about the firmware and different types of modes of the ESP8266 module.

**Firmware** is a software program permanently etched into a hardware device such as keyboards, hard drive, BIOS, or video cards.

### ❷ Activity : DANIYAL MUJAHID, CHINMAYEE R, ANOOP G A

Here the participants were asked to take an aptitude quiz on a local wifi network created using IOT devices. Later the answers to all the questions were explained.

An Aptitude test, by definition, is any type of assessment that evaluates the talent/ability/potential to perform a certain task, with no prior knowledge and/or training.

### ❸ Illustration of basic connection : JASWANTH HC

The basic connection of the Wi-Fi module was shown to the participants. The required components and basic information about that was explained. The ESP8266 wifi module is a self-contained SOC with integrated TCP/IP protocol stack that can give any microprocessor access to your WIFI network.

### ❹ Connection to the circuit practically explained : CHINMAYEE R

Participants enjoyed connecting the components and were keen to see the output. Finally Volunteers helped the participants to do the connection on their own. And then the session

was successfully ended.

### **Session Outcome:**

The participants came to know about the configuration of the ESP6266 module and also about the IOT and its applications.

### **Session feedback:**

- Second session was better when compared to the first.
- Participants showed their interest more on practical topics.

### **VOLUNTEERS LIST:**

- DANIYAL MUJAHID
- CHANDAN K
- JASWANTH H C
- ANOOP G A
- HEMAVARDINI G M
- CHINMAYEE R
- GAGANA M G

### **PARTICIPANTS LIST:**

- AJAY C P
- RAKSHITH L P
- GOWTHAM S T
- VIKAS V P
- DHANALAKSMI M G
- KUMUDHWATHI C
- ARCHANA G S
- MEGHANA N P
- H V SANJANA
- NASREEN
- KHANITHA FARHEEN

