



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2019 – 2020 / ODD SEMESTER

### Report

1. Type of the Event : Workshop
2. Name of the Event : **“IoT using Arduino and Android”**
3. Objective : IOT is the idea of making devices and objects smarter by linking them to the internet. This workshop introduces the student to the amazing world of IOT and its fascinating applications. Using Arduino development kit, they will develop an electronic device that streams temperature and humidity data over the internet.
4. Date & Duration : 9.7.19 & One Day
5. Level of the Event : Department Level
6. Resource Person : Mr.M.Sundararajan M.Tech(Ph.D)  
Data Scientist cum Free Lancer
7. Name of the organizer : R.Sugantha Lakshmi /CSE
8. Target Group : III & IV Year CSE Students
9. Number of Participants : 77(42+33)
10. Outcome
  - Learn the basics of Internet of Things and its applications.
  - What “the Internet of Things” means and how it relates to Cloud computing concepts.
  - How open platforms allow us to store the sensor data in the Cloud.
  - The basic usage of the Arduino environment for creating our own embedded projects at low cost.
  - How to connect our Arduino with our Android phone.
  - How to send data to the Internet and talk to the Cloud.



Resource person giving the lecturer to the students