



Sarvajanik Education Society  
Sarvajanik College of Engineering & Technology,  
Surat



Computer Engineering Department

Report

of

An Expert Talk

on

# Internet of Things

(Under CSI Student Chapter)

15<sup>th</sup> February, 2018

## Organized by

Department of Computer Engineering  
Sarvajanik College of Engineering and Technology, Surat

## Coordinated by

Prof. Rakesh Patel  
Assistant Professor,

Prof. Dhatri Pandya  
Assistant Professor

Head,

Prof. (Dr.) Keyur Rana,  
Computer Engineering Department

Report : An Expert Talk on Internet of Things

## ABOUT THE TOPIC & COURSE CONTENTS

The Internet of things (IoT) is the network of physical devices, vehicles, home appliances and other items embedded with electronics, software, sensors, actuators, and connectivity which enables these objects to connect and exchange data. Each thing is uniquely identifiable through its embedded computing system. The IoT allows objects to be sensed or controlled remotely across existing network infrastructure.

Mr. Jigar Thakar, an expert on occasion from TOPS technology, Ahmedabad, covered following topics.

### Course Contents

1. Basics of Internet of Things
2. IOT in health-care, education, transportation, medical domain
3. Current research trends and projects based on IoT
4. Different components of Arduino board and their interfacing
5. Demo on Arduino board using ultra sonic sensors
6. Arduino programming using embedded C

## PARTICIPANTS

136 students of BE 3<sup>rd</sup> year (Computer Engineering) along with faculty members participated in the said event.

## SNAPS DURING SESSION



Report : An Expert Talk on Internet of Things