Activity Report
Of

Workshop On

"Recent Advances in Internet of Thing (IOT)"
(9th - 10th February 2018)

Organized by,
Sandip Foundation's
Sandip Institute of Technology and Research Center
Department of Information Technology

Report of "<u>Recent Advances in Internet of Thing (IOT)</u>"

Name of Program: Workshop on "Recent Advances in Internet of Thing (IOT)"

Venue: Mechanical Seminar Hall,SITRC.

Conducted by: IT Department

Date of Program: 9th - 10th February 2018

Audience: Staff From Various Institutes

Resource Person: 1. Dr. Mayuri Mehta, Professor, Sarvajanik College of Engineering and Technology, Surat.
2. Dr. Mahesh R. Sanghavi,Professor, Head,Computer Engineering, SNGB's COE, Chandwad
3. Dr. Hitesh Chhinkaniwala,Associate Professor & Head, Info & Comm Technology, Adani Institute of Infrastructure Engineering (AIIE), Ahmedabad.
4. Mr. Chintan Patel, Research Scholar, PDP University, Gandhinagar.

Outcomes : 1)Introduction to IOT
2)Distributed Data Processing in IoT
3)Introduction to IoT and its Applications
4)Importance of Lightweight Authentication in the IoT
5)Database Programming & Networking
6)Big Data and IoT
7)Cyber Security Challenges in IOT Applications

Sandip Institute of Technology & Research Center "Department of Information Technology Organized" Workshop on "Recent Advances in Internet of Thing (IOT)" for the participants from 9th Feb-10th Feb 2018. The training program was conducted by Dr. Mayuri Mehta ,Dr. Mahesh R. Sanghavi, Dr. Hitesh Chhinkaniwala, & Mr. Chintan Patel at Mechanical Seminar Hall, SITRC.

Around 30 participants attended the Program, Event started with the address of the Head of Department Dr. Pawan Bhaladhare has given all the information about the training program to the participants.

The objective of the program is to introduce Design & Development of IOT and its Applications in education ,home automations, industrial automation and commercial products. It introduces IoT as the network of

physical devices, vehicles, home appliances, and other items embedded with electronics, software, sensors, actuators, and network connectivity which enable these objects to connect and exchange data. The Workshop also introduced the importance of Lightweight Authentication in the IoT. Experts estimate that the IoT will consist of about 30 billion objects by 2020. Some Glimpses of the Workshop is as follows:

Event Photos

Head of Dept. Dr. Pawan Bhaldhare Addressing participants

Felicitation Of Resource Person by Principal Dr. S. T. Gandhe

Participants during the training Session #1

Felicitation Of Resource Person by Dr. P. R. Baviskar

Felicitation Of Resource Person by Dr. P. R. Bhaladhare

Participants during the training Session #3

Felicitation Of Resource Person by Dr. P. R. Bhaladhare

Participants during the training Session #4

Dr. Vivek Waghmare   **Dr.Pawan Bhaladhare**
Event Co-ordinator(IT)   **Head of Dept.(IT)**