1. Name of the event: "Internet of Things (IoT) and Its Future Scope"
2. Date of the event: 12th July 2018
3. Venue of the event: GTU Gandhinagar Campus.
4. **Topics to be covered:**
5.   **1. Internet of Things: Introduction, Applications and Future Scope.**
6.   **2. Data Processing in IoT.**
7.
8. **Duration: 3 Hrs.**
9.
10. Objective and Outcome of the Event:

Objective:

The main objective to organize the seminar is to improve students' knowledge As part of academic curriculum of GTU-Graduate School of Engineering and Technology Internet application development is in demand. So Internet of Things (**IoT) is a main technology** by which we can produce various useful internet applications. IoT techniques are very intelligent which reduces human effort as well as easy access to physical devices. **Mckinsey Global Institute reports that IoT business will reach 6.2 trillion in revenue by 2025**. Various IoT based applications are available in the market in different areas such as **Personal Home Automation System, Enterprise, Utilities: smart metering, smart grid and water monitoring system, Energy Management, Medical and Health Care: Remote health monitoring and emergency notification system**, **Transportation: Electronic toll collection system, Large scale deployment, etc. According to Gartner (an information technology research and advisory firm), consumer applications will drive the number of connected things, while Enterprise will account for most of the revenue. Gartner estimated that 2.9 billion connected things are in use in the consumer sector in 2015 and would increase to over 13 billion till 2020.**

As the number of devices connected to the Internet of Things (IoT) soars, they are becoming a more frequent target for hackers. IoT devices are potential gateways into your enterprise systems because they are widely distributed, and security standards are not yet established for many of the devices.

Outcome:

The whole week of the information-packed Faculty Development Program was undoubtedly a space for gaining better understanding of the concerned subjects. It has promoted professional development in every aspect, in addition to improving various skills that resonates with the faculty's individual goals, strategic priorities as well as departmental and institutional missions.

11. Name of invited dignitaries/ speakers with their designation:

Expert Name, Designation and Date
Prof. (Dr.) Mayuri A Mehta, Professor, Computer Engineering Department, SCET, Surat. Date- 12th July, 2018

12. Name of event Coordinator: Ms. Seema B Joshi

13. Include one photograph: