

**Title** – Recent Trends in Computational Intelligence and Internet of Things.

**Day –** 02 (22st June, 2021

**Organized by**: Computer intelligence society (IEEE CIS) & EED PDEU

**Organizing Chair:** Dr. Siddharth Joshi, Chair membership development, CIS, Assistant Professor, Department of Electrical Engineering, School of Technology, Pandit Deendayal Energy University, Gandhinagar, Gujarat, India.

**Total number of Participant (IEEE/Non-IEEE)** – 20+

**Date of Event:** 21st to 25th June, 2021

**Venue of Event:** Online Microsoft Teams

**Volunteers:**

1. Miss Bhavya Panda (PDEU)
2. Miss Miracle Rindani (AU)
3. Miss Aanshi Patwari (AU)
4. Mr. Manavkumar Vagrecha (AU)

**Description:**

The Second day of summer school coordinated by Dr. Siddharth Joshi and Miss Bhavya Pandya. The three sessions have planned for the day. The first session was conducted by Dr. Jay Dave from Sankalchand University with the title “Big data with big impacts”. Sir had discussed about data, types of data and importance of big data. Sir had also enlightened the structure of big data, characteristics and various algorithms for big data management. Sir shows the case study of Big data at AADHAR.

The second session was conducted by Dr. Manish chaturvedi from Institute of Infrastructure Technology Research and Management on “Application of IoT - ML: A case study in Intelligent Transportation System”. Sir had greatly covered basics of IOT and ML in a very simple language. Sir also discussed about various applications of IOT and ML for Intelligent transportation systems. Sir has tried to correlate the IOT and ML with various engineering aspects with different examples. Sir has also gives some research gaps into IOT and ML for development.

The third session is hands on / demonstration session jointly conducted by Dr. Pruthvish Rajput from Pandit Deendayal Energy University with Advanced Urban Public Transportation System”. Sir had explained the aim of the work is to design and implement the Intelligent Transportation System (ITS) solution compatible to public transport buses with and without ITS infrastructure. While the public transport buses in developing countries are shifting towards ITS infrastructure, a large number of them are without it. In this session sir demonstrate some algorithm use for bus-stop detection projects.

Event Photographs –







