

**Mumbai Educational Trust's
Institute of Engineering**

Department of Information Technology

**Summary of Faculty Orientation Program on
Internet of Things and Laboratory Practices-I (IoT)
2019 Pattern TE (IT) Syllabus, SPPU, Pune**

Date of FOP: 31/07/2021

The objective of this Faculty Orientation Program is to orient the faculty teaching/ intended to teach the subject Internet of Things (Elective-I) as per the new curriculum of the TE (IT) (2019 Course) and to bring the industrial approach and uniformity in teaching across all the colleges affiliated to SPPU, Pune. Total 100 faculty participants were registered for the Program covering all institutes of SPPU along with few intended teaching faculty from Mumbai University, Shirpur (North Maharashtra University), Solapur University, and faculties from Tamilnadu and Kanpur.

Dr. S. V. Gumaste, HoD, IT Department, and Dr. V. P. Wani Principal, MET's Institute of Engineering have welcomed the dignitaries for the august gathering along with a brief introduction about the program. Chief Guest Dr. Abhyankar sir, Chairman BoS-IT, SPPU inaugurated the function and addressed the gathering with the importance of IoT to society as a whole. Guest of Honor Dr. Ratnesh Gupta, Professor, School of Instrumentation, Devi Ahilya Vidhyapeeth, Indhore addressed with insights of IoT.

Industry expert Mr. Ronak Sutaria, Director, Respirer Living Sciences (RLS), Pune, enlighten with current government projects on IoT.

The session started with Theory Syllabus Discussion by Syllabus Design members.

Prof. Nilofar Mulla, BVCOE, Pune explained about Unit-I; Prof. S. A. Kulkarni, PES Modern COE, Pune for Unit-II; Prof. Santosh Purkar, KKWIoEER, Nashik talked with contents of Unit-III and IV; Prof. Nitin Dhawas, Nutan Maharashtra Institute of Engineering & Technology, Pune contributed the discussion on Unit V.; Prof. Ravindra Borhade, STE's Smt Kashibai Navale College of Engineering, Pune, Coordinator, IT syllabus design discussed with contents of Unit-VI.

The second session started after Lunch Break.

Another Industry expert Mr. Atul Wadkar, Director, Algorithmic Electronics, Pune discussed technologies and protocols used in IoT. Also discussed are opportunities available for engineers in IoT.

Prof. Pravin Latane, Sinhagad Institute of Technology, Lonavala demonstrated practical assignments 1, 2. While Prof. Ratan Deokar, MET's IoE, Nashik demonstrated Practical assignments 3 and Prof. Santosh Purkar, KKWIoEER, Nashik explained about practical assignment 4.

The beauty of the program, demonstration of practical assignments are taken with the care of both video recording and simulation, which will be shared with all interested participants for future reference.

The program was concluded with feedback from fellow faculty participants and submitting the overall summary in brief to the august gathering. In the feedback of the program, 78% of participants find that the topics discussed are subject relevant to the current trends. Also suggested that in future in such program add more case studies.



Mr. Kishor Mahale
Coordinator



Mr Ratan Deokar
Coordinator



Dr. S. V. Gumaste
Convener

