St. Martin's Engineering College



(An Autonomous Institute)
NBA &NAAC A+ Accredited
Dhulapally, Secunderabad-500 100



www.smec.ac.in

POST EVENT REPORT

(Should be submitted within two days)

Date: 23-04-2021

1. Department: Mechanical Engineering

2. Name of the event: 6 Days AICTE-ISTE sponsored First Induction Program on "**IOT in Manufacturing.**"

3. Event Date: From 15/04/2021 to 22/04/2021

4. Report submitted date: 24/04/2021.

5. Brief description about the event: We have Organized 6 days online AICTE-ISTE Sponsored 2nd Induction Program on "**IOT in Manufacturing**"" The event was started on 15th April 2021 and Concluded on 21st April 20201. The event was well received by the ISTE members and faculty from all the engineering colleges in Telangana, Andhra Pradesh, Karnataka, and other states. There are 80 participants are registered for this event.

Day 1. 15/04/2021

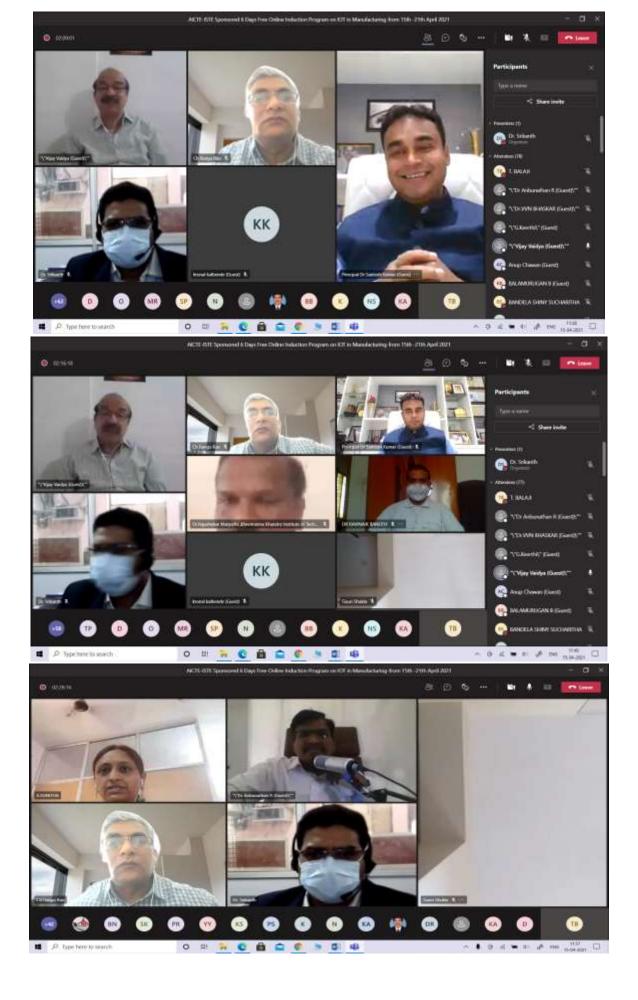
The event was Started at 11 am Inaugurated by Principal followed by his speech to participants regarding the importance of this induction program for faculty to enhance their skill sets in advanced manufacturing technology by the Principal. The chief guest for this program is Prof Vijay D Vaidya, Executive Council Member, ISTE, New Delhi, addressed the gathering about ISTE activities and AICTE. Prof Vaidya is addressed the gathering the importance of AICTE-ISTE collaboration for conducting refresher and induction programs. Prof Vidya appreciated Principal sir for conducting such events. He also praised Principal for taking intense care in selecting the speakers for this induction program. After the Inaugural speech the first session was started at 12.00pm by Dr A Ramaiah, Founder and CEO, DigiTran Solutions, Bangalore explained about the importance of Digital Twins. The salient features of Digital Twins with Industry 4.0 insights has covered and the session was concluded at 1.45 PM

The second session was started at 2.15 pm by Dr N Thillairasu, Associate Professor, School of Computing and IT, Reva University, Bangalore has explained about 5G in manufacturing area and 5G will transform the Data Science, Artificial Intelligence in Manufacturing demonstrated and the session was concluded at 4.00 pm after interacting with the participants.

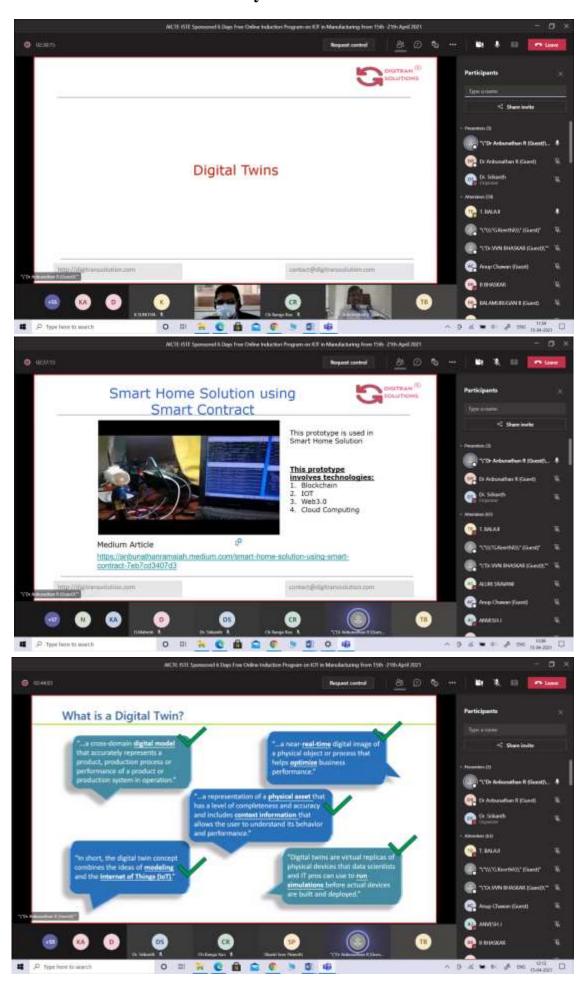
Day-1 Innaugauration

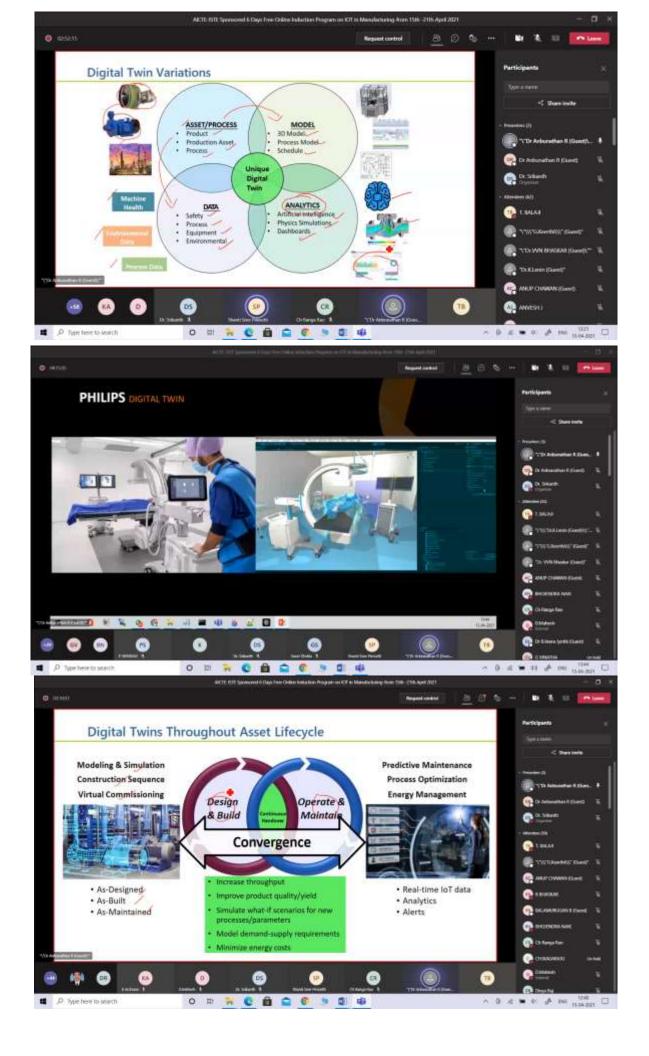






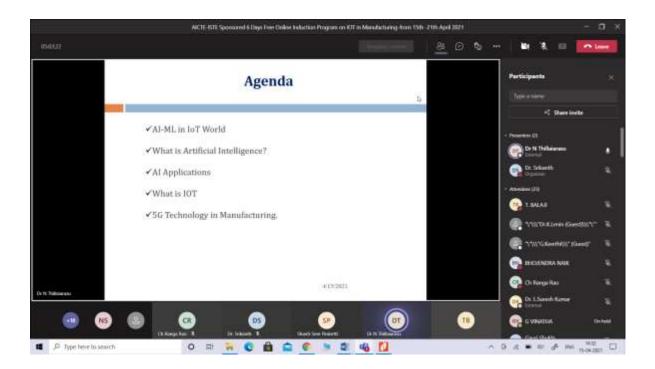
Day-1 Session-1

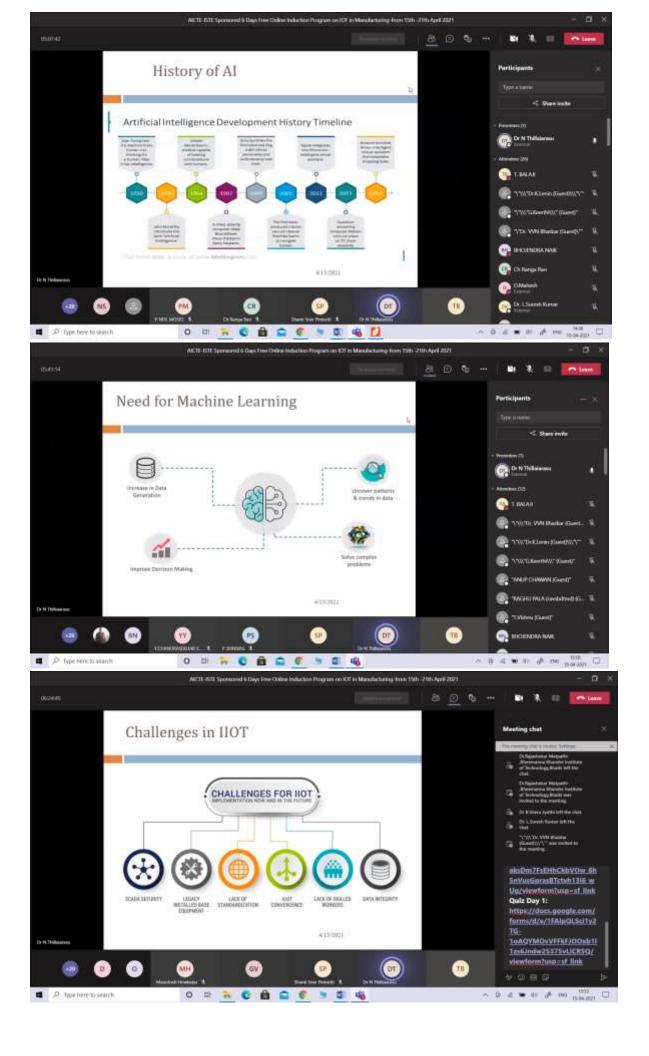




Day-1 Session-2





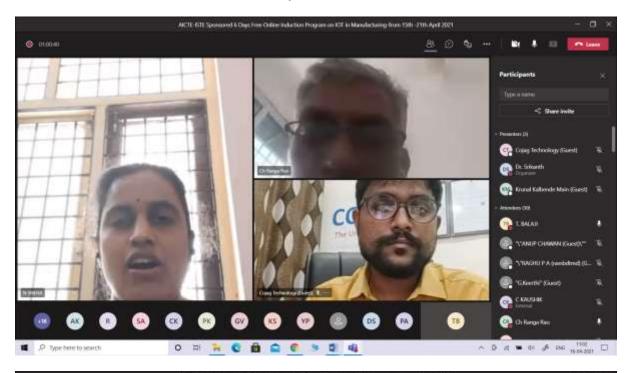


Day 2. 16/04/2021

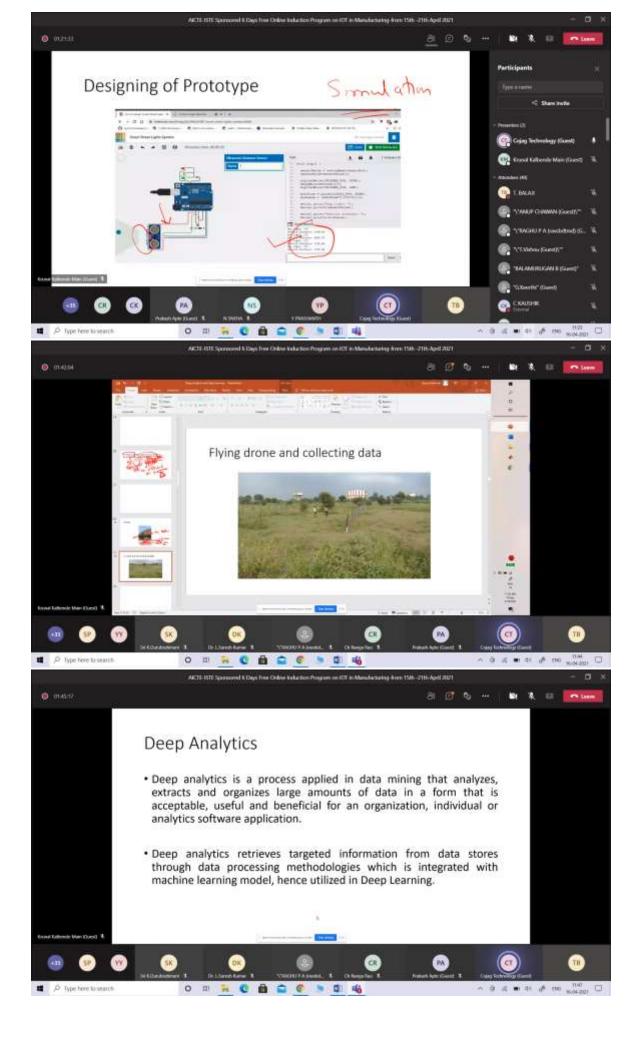
The second day Program was started at 11 am on the subject "**Deep Analytics**" by Sri Krunal Ramesh Kalbende, CEO, COJAG, Nagpur demonstrated the importance of deep analytics in manufacturing and explained various case studies how the machine learning can be used in transportations. Drones used in Geological application to collect the data and the session was concluded at 1pm.

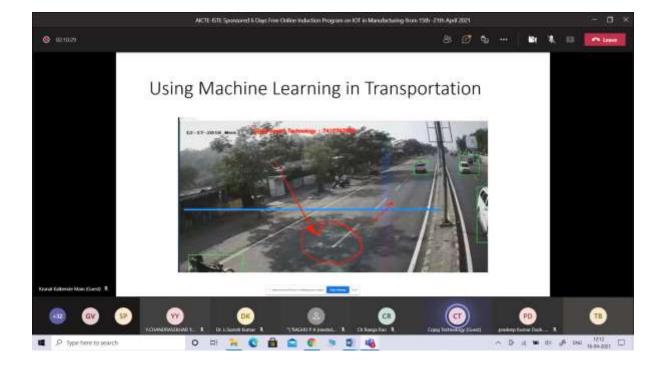
The after noon session was started at 2.00 Pm by Dr. M. Yogeshswara Rao, CEO, Cogno Labs, Hyderabad demonstrated the "IOT in a manufacturing- A Case Study" where his team is involved in CITD, Hyderabad in IOT in their institute. And the session was concluded at 4.00 pm



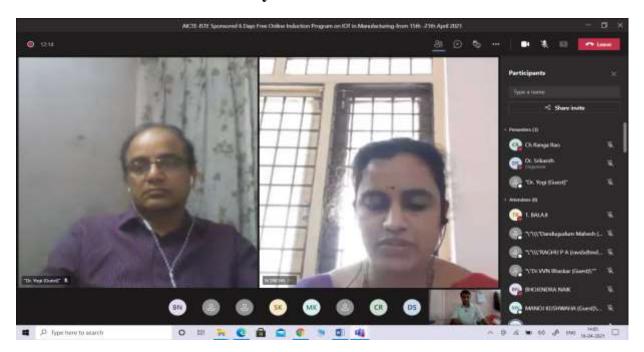


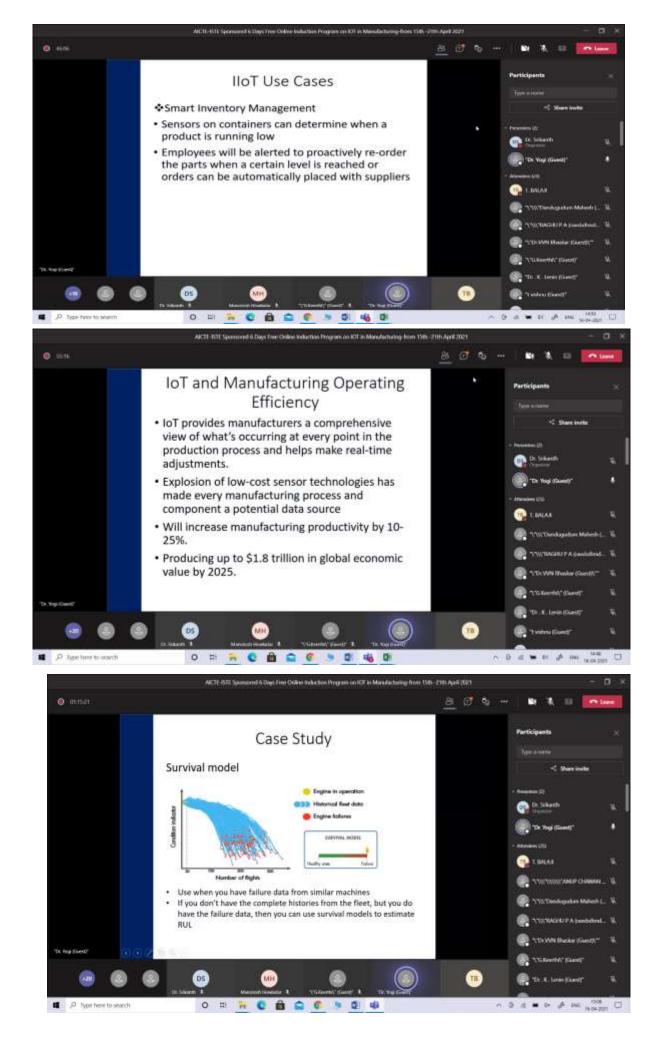






Day-2 Session 5







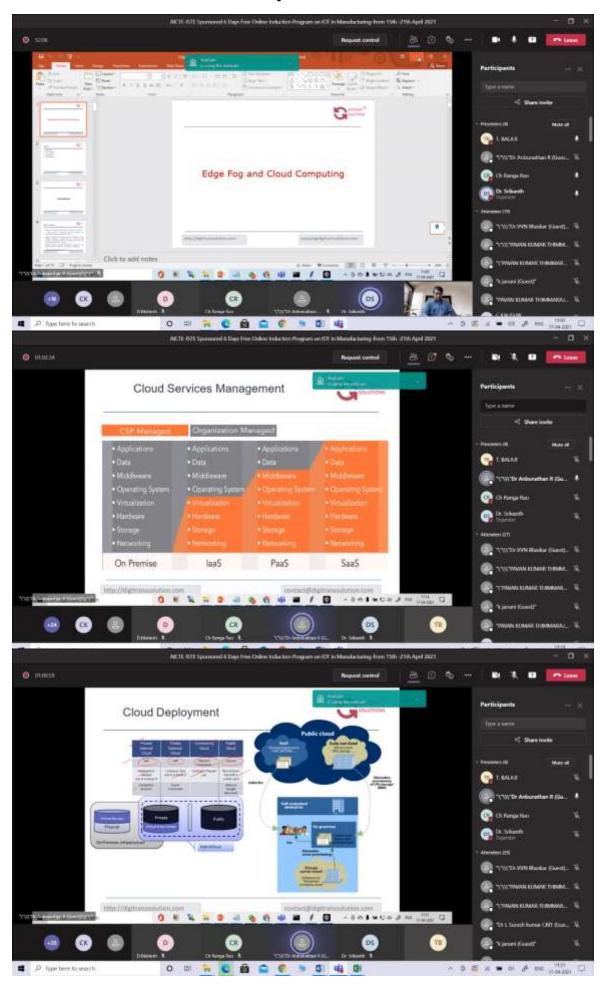


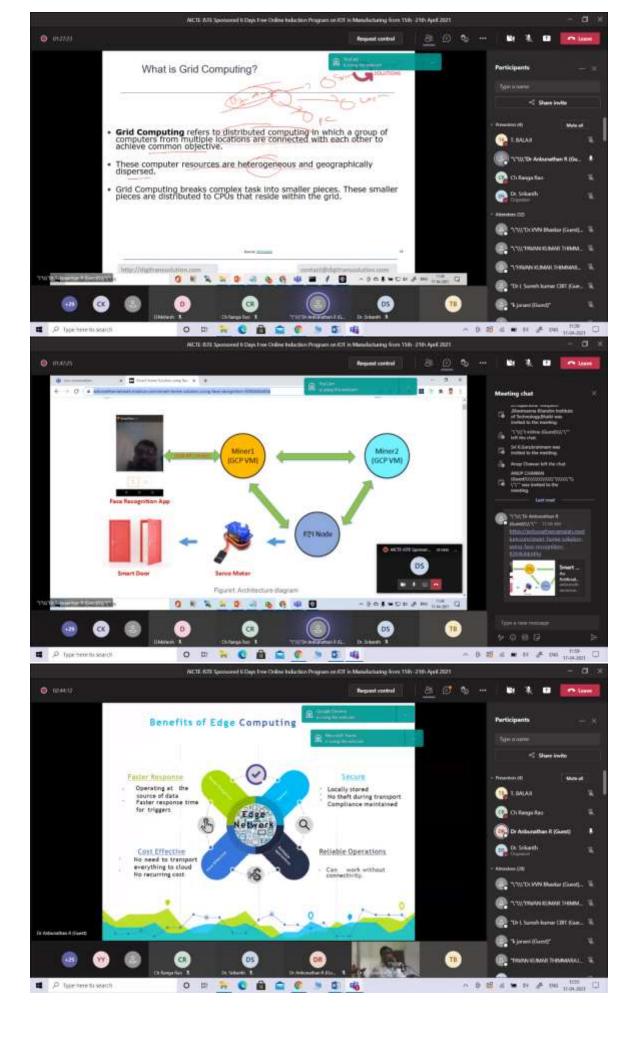
Day 3. 17/04/21

The Program was started at 11 am on the subject "Edge, Fog and Cloud Computing" by Dr A Ramaiah, Fonder DigiTran Solutions, Bangalore explained about the application of edge computing, cloud computing in day to day activities in Smart home automation and explained various case studies and the session was concluded at 1 pm.

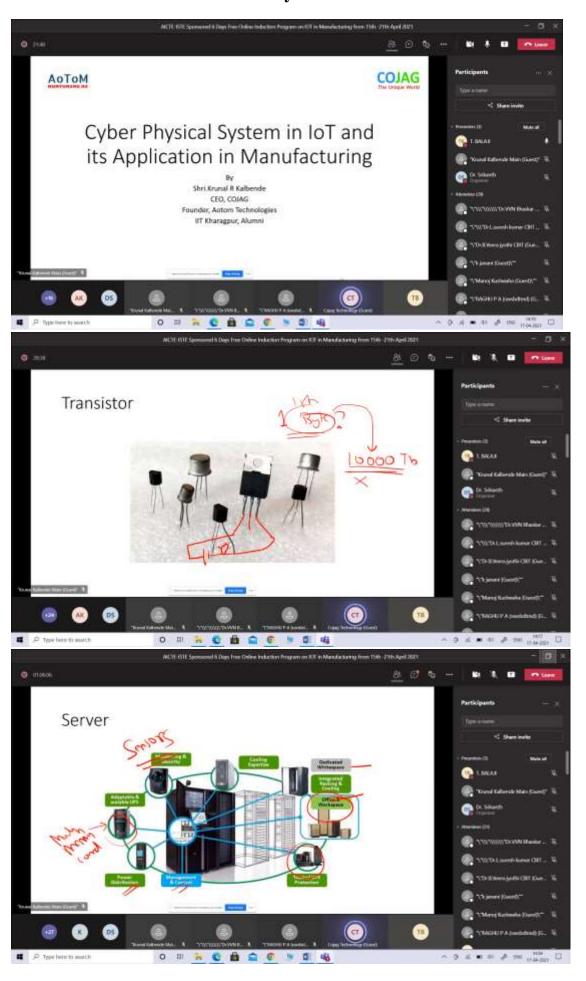
The afternoon session was started at 2.00 pm by Sri Krunal Ramesh Kalbende, CEO, COJAG, Nagpaur on the subject "Cyber Physical System" explained about the importance of Cyber Physical System in the manufacturing area and the session was concluded at 4.00 pm.

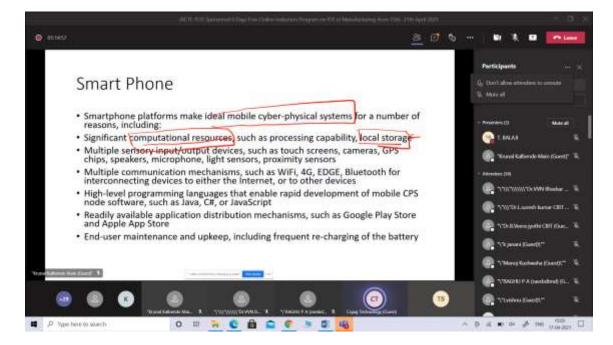
Day-3 Session 7





Day 3 Session 8





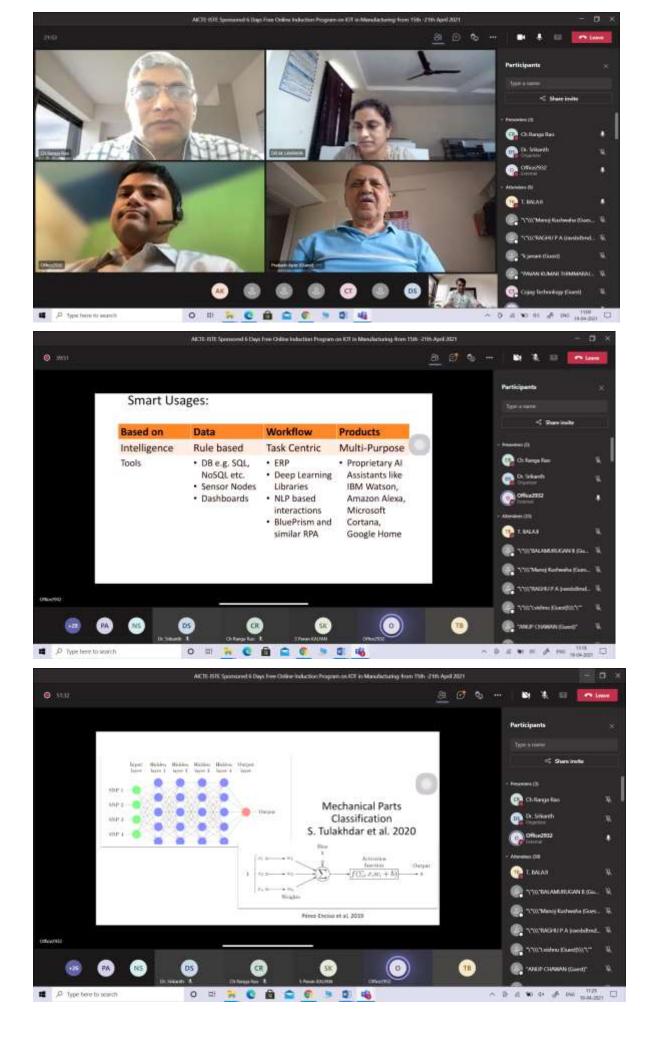
Day 4. 19/04/2021

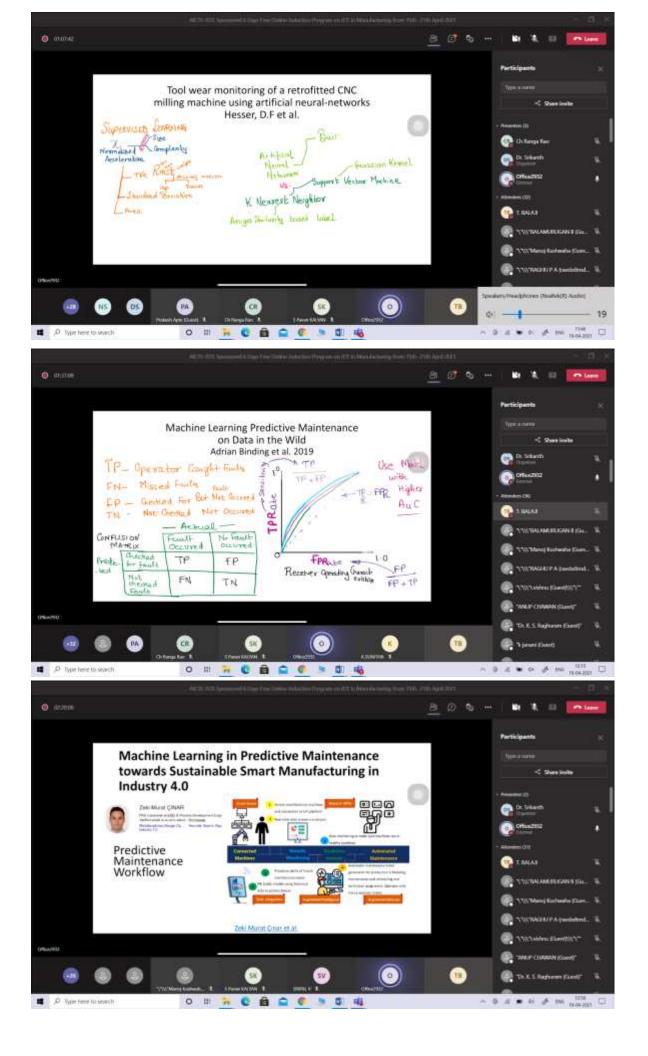
The fourth day session was started at 11 am on the topic "Deep Analytics- A case study" by Sri Aashdeep Howlardar, Fonder Think.Shiksha, Mumbai he as covered entire spectrum of Deep analytics in various applications in manufacturing area and the session was concluded at 1 pm.

The afternoon session was started by Sri Parthik Tirodkar, CEO and Founder, PNT Solutions, Mumbai on the subject "Industrial Internet of Things". He explained about the Industry 4.0 and Internet of things used in manufacturing area and some case studies he has shared and the session was concluded 4.00 pm after interactive with the participants.

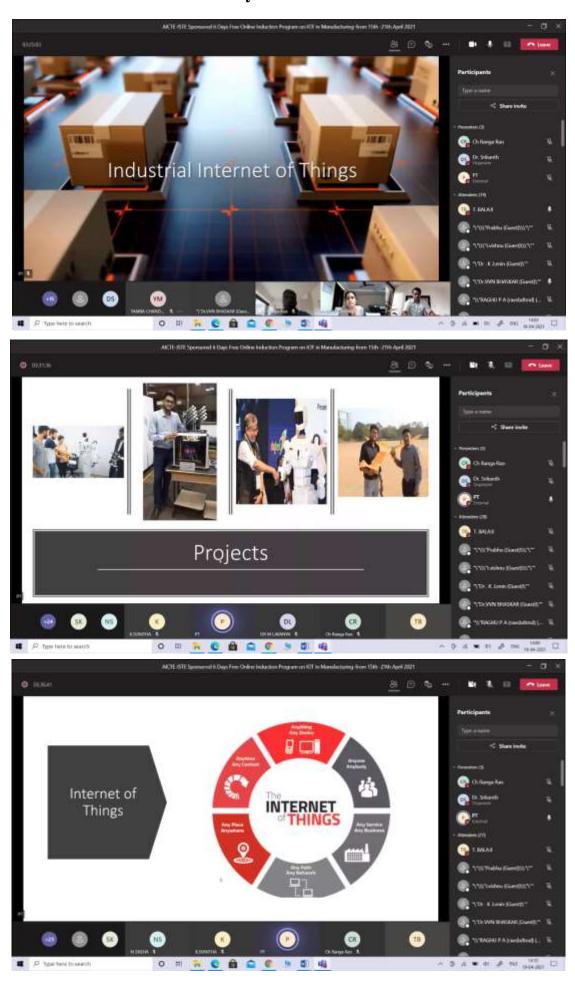


Day-4 Session 10

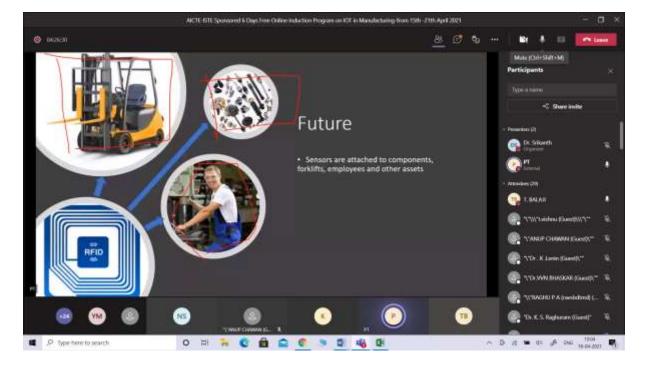




Day 4 Session 11







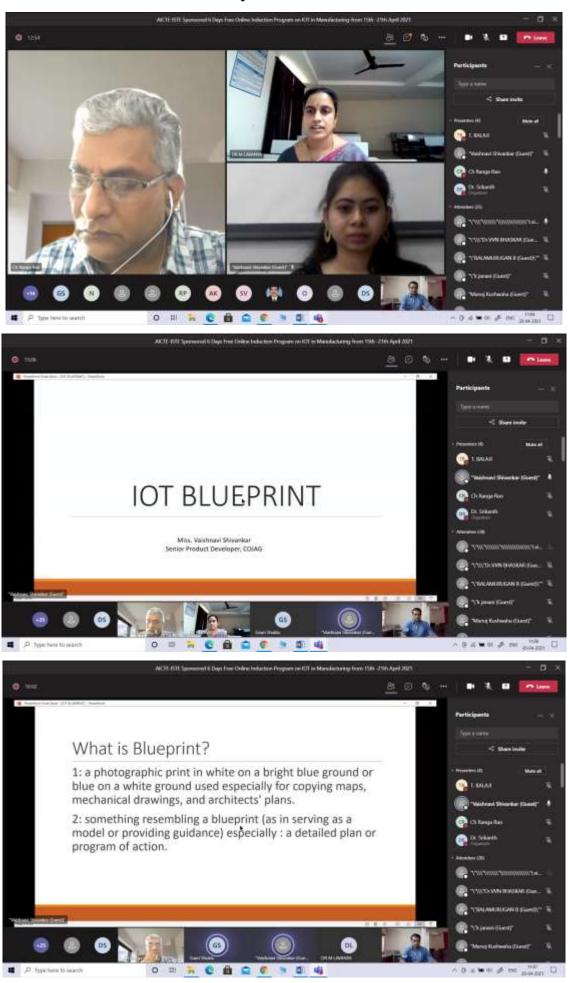


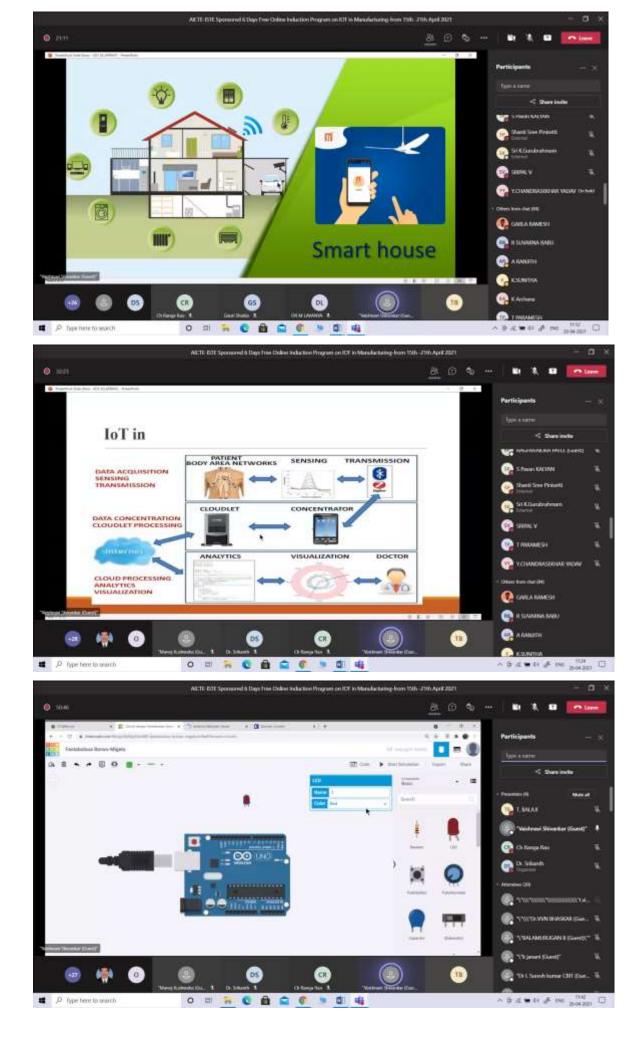
Day-5 20/04/2011

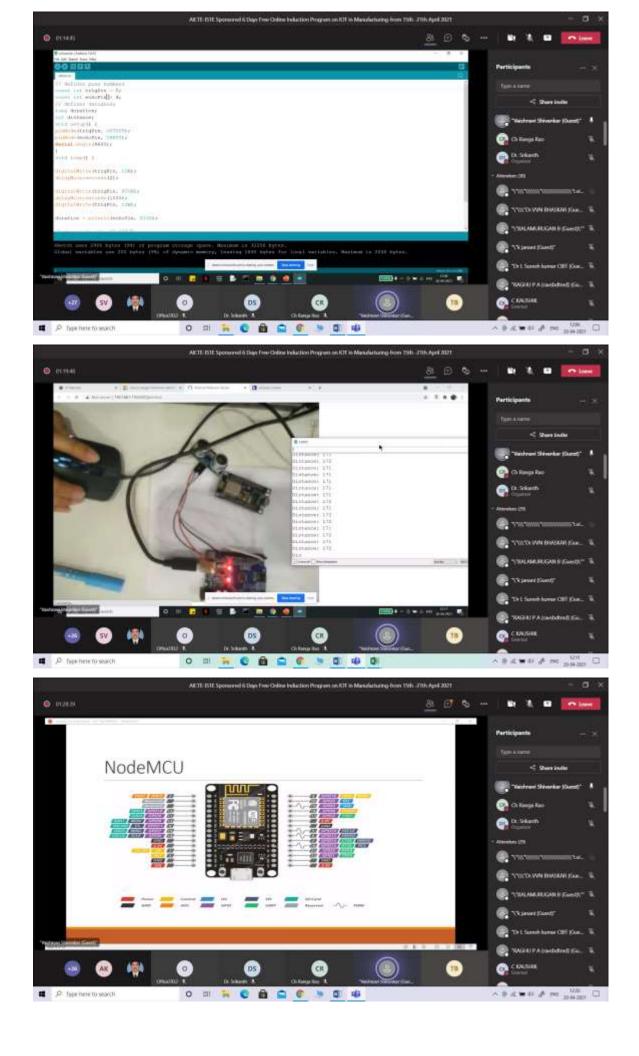
The session was started at 11 am. By Ms Vaishnavi Shivankar, Senior Product Development and Data Scientist, COJAG, Nagpur on the subject "IOT Blue Prints". She has demonstrated IOT application in Smart home, hospitals and given live demonstration of how to do programing by using Arduino Board and Thinker CAD software and explained about the deployment of the program for the physical models and prototypes. The session was concluded at 1.30 pm.

The after noon session was started at 2.15 pm regarding Yoga Session by Physical Director Ms.Harathi, St.Martin's Engineering College has given live demonstration on Yogo class and stress reliving techniques to the partcipants.

Day 5 Session 13

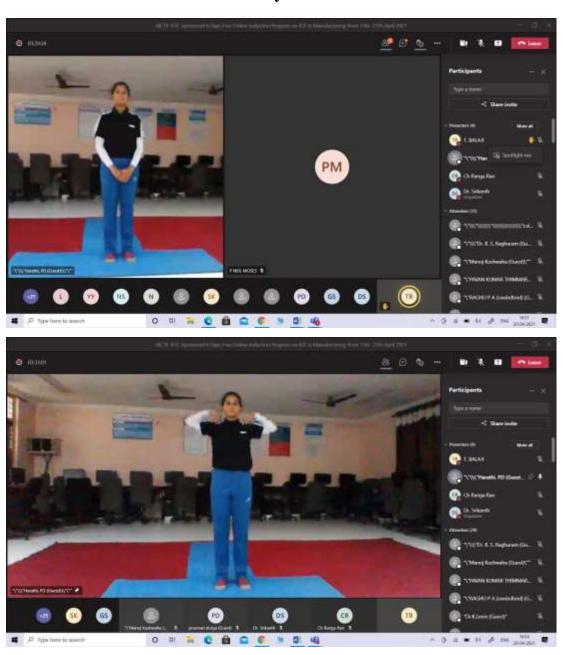


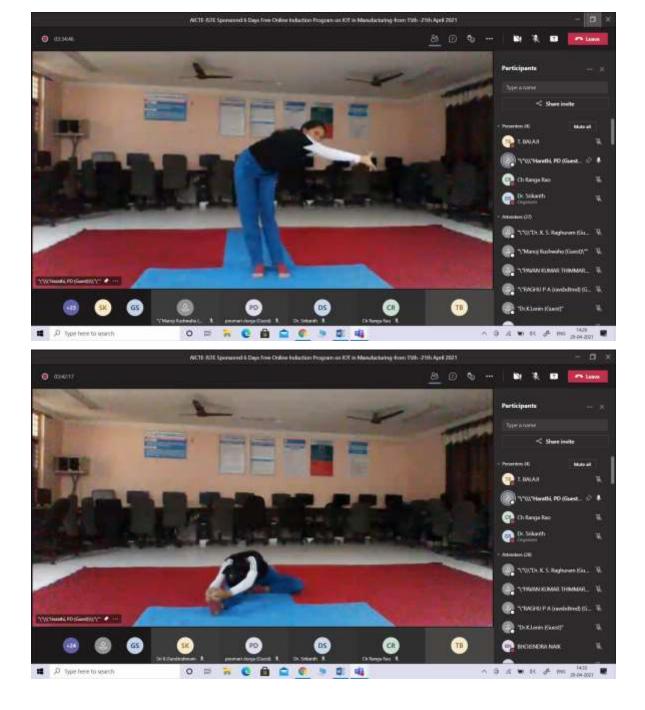






Day 5 Session 14

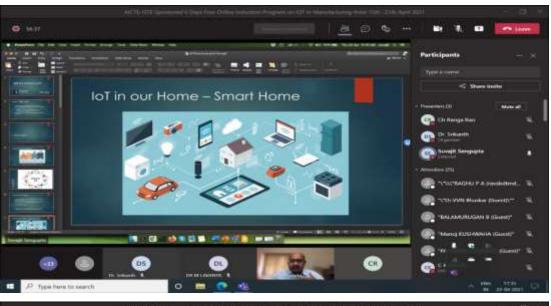




Day 6: 22/04/2011

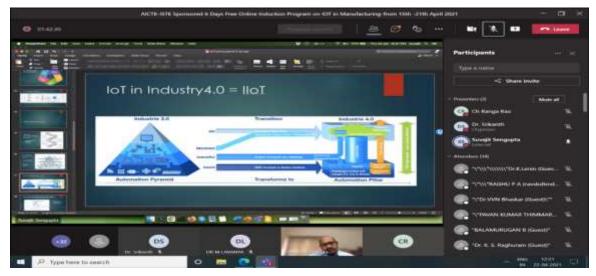
The last day session was started at 11 am by Sri Suajit Sengupta, Founder, Geogo Technologies, Bangalore on the topic " **IOT in manufacturing**" and explained about the various application of IOT in manufacturing and explain the importance of IOT and explain about IOT in cycle ride application case study and the session was concluded at 1.00 PM

Day 6 Session 16





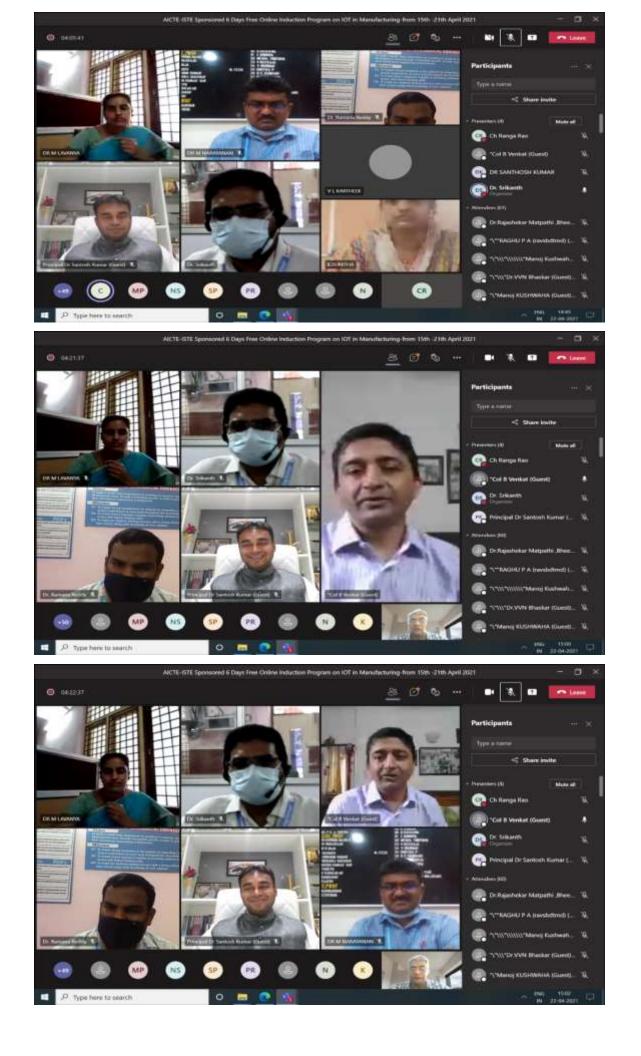






Valedictory of the Induction Program

The valedictory function was started at 2.30pm. The Chief guest for the validatory function was Col. C Venkat, AICTE. In the valedictory function Th convener of the event Dr. D V Srikant has explained about the IOT in manufacturing and this workshop is useful to the faculty and explained about the outcome this course which can be translated in to their projects in college and curriculum development of latest advances in manufacturing. The President of the event Dr. Santosh Kumar Patra, Principal, St. Marin's Engineering college has given concluded remarks of the session. Col. Venkat has addressed the gathering the importance of induction programs and how AICTE and ISTE collaborated the various activities and procedures has explained. Col. Venkat appreciated Principal sir for his interest towards conducting such events. He also praised Principal for taking intense care in selecting the speakers for this induction program. Finally, the vote of thanks is given by Dr. Lavanya thanking the Management of St. Martin's Engineering College, AICTE and ISTE for their constant support and thank the all the speakers which are given their valuable insights and experiences to the participants. After that final examination was conducted to asses the course work from the participants.





Report prepared by: Ch. Ranga Rao

Content verified by English Staff Name & Signature:

Softcopy along with photos forwarded for website: YES

Any remark / suggestion:

Sign of Organizing Faculty

Sign of HOD

Approved by Principal