Gujarat Technological University
Graduate School of Engineering and Technology
A Report on
Skill Enhancement Program: Co-Curricular Activity for Embedded Wireless Technology

Date: 9.7.2021
Time: 2.00 pm to 3.00 pm
Expert: M. Manimaran , VI solutions, Banglore. (Research Partner – NI Pvt. Ltd.)
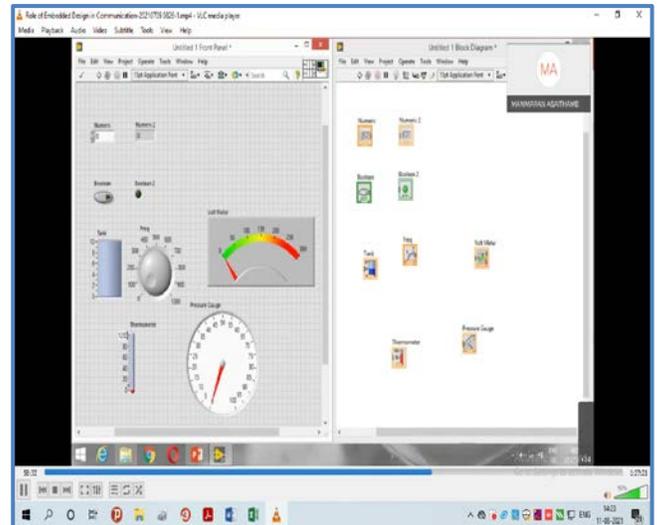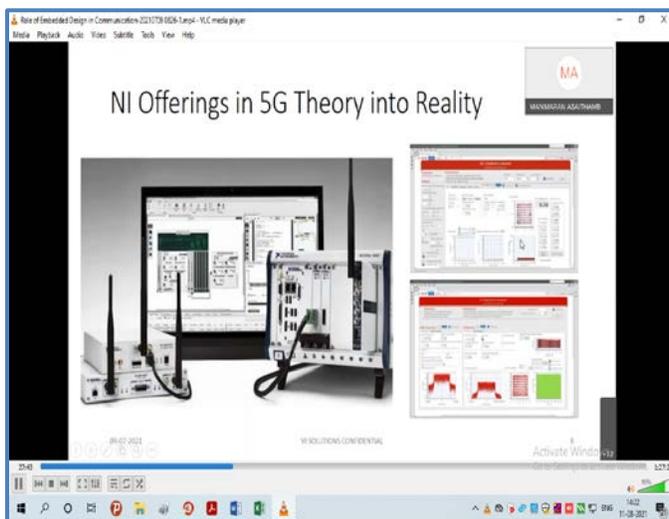Session Coordinator: Dr. Komal Borisagar, Associate Professor – MCNT.

The objective of the event:
- To understand importance of various operating system
- To know about various hardware units used to design embedded system

Participants Statistics:
- Total 15 number of students have attended the event.
- Participant from first semester MCNT

Glimpse of the Event:

Outcome of the Event:

At the end of the program, participants were able to
- LabVIEW Platform Understanding(GUI based applications only)
- Role of Linux in Embedded system
- How NI RF Modules performs in OSI Layers (USRP RT+FPGA)
- NI RF Communications Toolkit for Digital Communication Methods (Simulation only) with USRP explanations.

- How NI Embedded Platform (myRIO) for different prototype developments and working with various communication protocols.
- How NI USRPs can be implemented for GPS / GPRS applications.
- LabVIEW Bluetooth Demo with Android Mobile phone for simple DEMO (Bluetooth APIs) or Data Dashboard.