Report on ATC Faculty Development Program at MEI Pvt. Ltd. at its R & D Center in Pune

November 18, 2024

The Department of Electronics and Communication Engineering, Jaypee University of Information Technology, Waknaghat has participated in ATC Faculty development program organized by Mitsubishi Electric India Pvt. Ltd's R& D center at Pune from November 11, 2024 to November,15 2024. Dr.Salman Raju Talluri attended the training from JUIT.

The training program was conducted by Ms.Sayali Kakade and Mr. Rajaram under the guidance of Mr. Shrikant of MEI Pvt. Ltd.

During the training program, basics and advanced topics on Factory Automation Setup has been covered. The details are mentioned below.

- Day 1 : 11 November 2024

    - Morning Session   Introduction to FX5U PLC programming

- – Afternoon Session   Using FBD/LD in PLC programming

- Day 2 : 12 November 2024

  - – Morning Session   Analogue Input and Out put control on PLC.
  - – Afternoon Session   Practice on PLC programming on advanced instructions. Along with this Networking of Devices using CC-Link IE Field Card has been introduced.

- Day 3 : 13 November 2024

  - – Morning Session   Advanced Instructions of PLC and practice of the topics covered.
  - – Afternoon Session   Introduction to GOT 2000. Training on alarm generation on GOT2000.

- Day 4 : 14 November 2024

  - – Morning Session   GOT alarms, language and security settings.
  - – Afternoon Session   Discussion on Recipe function(Advanced topic). Along with this introduction to Inverter and its applications has been covered.

- Day 5 : 15 November 2024

  - – Morning Session   Introduction to Servo amplifier and Servo Motor.
  - – Afternoon Session   Basic operations on Servo system such as jogging, homing and positioning.

This training program will help the FA lab at JUIT to conduct workshops in the near future with confidence.

Photographs: