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Department of Electronics & Communication Engineering

Report on "IOT Applications in Industrial Automation" Organised by Dept. of ECE, 12th August 2020

Submitted by: Dr. Upendra Kumar Verma, Assistant Professor, Dept. of ECE

ECE Department conducted a webinar on " IOT **Applications in Industrial Automation** " on 12-08-2020.

The resource person was: M**r. Subrato Howlader,** Head Corporate Trainer in Gurgham Haryana**.**

Mr. Subrato Howlader is presently working as Head Corporate Trainer and HOD Mechatronics Department at a German Certified Training Center in Gurgham Haryana. He is qualified with B.E, M.E and PG Diploma in Embedded System Design with 14 Year of experience in technical training in the area of Mechatronics, Embedded System, Automotive Electronics, Automation, PLC, Drives, Sensors, Field Instrument, Pneumatics, Hydraulics, SCADA, HMI, Double layer PCB Designing and Industrial networking with CISCO Devices.

The main focus of the program was to motivate and create awareness among the students on basics of IOT Techniques. The talk was focus towards recent and emerging technologies and applications of IOT in Industrial Automation. Recent advances in IOT Techniques will be discussed to encourage the students towards this field and main emphasis will be provided on the evolution of recent technology and its role in building more advances in IOTs. Main points of the event can sorted as

- To enhance basic knowledge of IOT
- To familiar with IOT Applications in Industrial Automation
- To motivate the students towards Smart Logistics Management
- To understand the concept of Integration of Smart Tools
- To understand the challenge of Automation of Processes
- To familiarize about Data Analysis with custom software