Report of Five Day Workshop on Industrial Automation: PLC & SCADA

Name of department/ Section/ cell conducting the activity	Electrical
In coordination with (if any)	none
Date of conduct	17th Jan to 21st Jan. 2017
Activity Coordinator	Dr Rashmi Agarwal & Dr Anju
Amount Spent	
Funding/ grant from (University/ Industry/ UGC/ AICTE/ DST/ TEQIP/ Outside Society/ agency/others (mention)	University
Target audience:	Btech & Mtech
No. of beneficiaries	30
Outside guests/ Details of Experts	RVM –CAD Faridabad
Brief Description of the event	Industrial automation plays a vital role in the field of electrical engineering. Each industry tries to implement the latest automation technique so as to reduce the man power & produce cost effective products. With an objective to make the students familiar with automation technique, Department of Electrical Engineering organized a 5 day workshop on "Industrial Automation: PLC & SCADA " from 17th Jan to 21st Jan. 2017, which was conducted by RVM - CAD Faridabad. The workshop was carried out by Mr. Ravi Mukhija, CEO of the company & Mr. Mukesh. Around 34 Students and 08 Faculty members participated actively in this workshop This workshop aimed to apprise the students about the PLC, HMI, SCADA. The workshop started with the inauguration speech by Prof. Rajesh Kr. Ahuja, Chairperson of the Department, extending a formal welcome to the participants, organizers and trainers as well as highlighting the importance of industrial automation .The students attended theory classes in Smart Class

	Room G7 & practical in Electrical Technology Lab. Students were acquainted with the AutoCAD,PLC, SCADA & HMI. This workshop went on for 5 days during which students made projects based on the combination of PLC, SCADA, and HMI. Students were exposed to various software's like RS Logic, E-HMI, Ecliplse-SCADA etc. The students had discussions on industrial problems and even gave adequate solutions. Students also had an opportunity to write programs in ladder logic and execute it on actual PLC modules of various companies. At valedictory function, students shared their experience from the workshop and motivational & inspirational speech was given by **Prof. Dinesh Kumar, Vice- Chancellor** of the University. This workshop was conducted successfully by the help of programme coordinator **Dr. Rashmi Agarwal & Dr. Anju Gupta** and all faculty members. The workshop concluded with a vote of thanks by Prof. Rajesh Kr. Ahuja, Chairperson of the Department. He expressed his heartfelt gratitude to the Hon'ble Vice Chancellor, Registrar, Dean FE&T, Dean of Institution , participants, coordinators , faculty members & especially our industry experts for making the workshop useful and result oriented.
Attach Brochure of the event	

attach two/ three good quality photographs	
Attach certificate of the event	
Any other information	