

ONE-DAY WORKSHOP ON INDUSTRIAL AUTOMATION AND PLC**29th March 2017****TEACHER'S ACTIVITY REPORT 2016 - 2017****FACULTY: SCIENCE DEPARTMENT/COMMITTEE: ELECTRONICS IQAC ACTIVITY No: SVC/2016-17/ELECT/NK/2**

NAME OF THE ACTIVITY: ONE-DAY WORKSHOP ON INDUSTRIAL AUTOMATION AND PLC			
DATE	FACULTY	DEPARTMENT/ COMMITTEE	COORDINATOR NAME
29 March, 2017	Science	Electronics	Dr Neeru Kumar Dr Rakhi Narang Dr Swati Sharma Ms Shubhra Gupta
TIME	VENUE	NUMBER OF PARTICIPANTS	NATURE: OUTDOOR/INDOOR
NA	Sri Venkateswara College		Indoor
SUPPORT/ASSISTANCE	Sri Venkateswara College, Futuronix Automation (P) Ltd, IEEE EDS Delhi Chapter		

BRIEF INFORMATION ABOUT THE ACTIVITY (CRITERION NO.: III)

TOPIC/SUBJECT OF THE ACTIVITY	One Day Workshop On Industrial Automation and PLC (Programming Logic and Control)
OBJECTIVES	<ul style="list-style-type: none"> ✚ To make students aware of industrial automation ✚ To have hands on plc programming practice
METHODOLOGY	<ul style="list-style-type: none"> ✚ Role of Automation in Industry ✚ PLC Programming for Automation ✚ Demo on PLC Wiring ✚ PLC Programming on Screen Based Simulator ✚ Time Based Programming
OUTCOMES	<ul style="list-style-type: none"> ✚ Successfully learnt about Basic and Industrial Automation using PLC Programming

PROOFS & DOCUMENTS ATTACHED (Tick mark the proofs attached)

Notice & Letters ✓	Student List of Participation	Activity Report ✓	Photos ✓	Feedback Form
Feedback Analysis	News Clip with details	Certificate ✓	Any Other	

IQAC Document No:	Criterion No: III	Metric No:
Departmental File no	IQAC File No;	

NAME OF TEACHER & SIGNATURE	NAME OF HEAD/ COMMITTEE INCHARGE & SIGNATURE	IQAC COORDINATOR (SEAL & SIGNATURE)
DR NEERU KUMAR	DR NEERU KUMAR	

For Reference

Criterion I	Curricular Aspects (planning & Implementation)	Criterion V	Student Support & Progression
Criterion II	Teaching Learning & Evaluation	Criterion VI	Governance
Criterion III	Research, Innovations & Extension	Criterion VII	Institutional Values & Best Practices
Criterion IV	Learning Resources and Infrastructure		

PROOFS & DOCUMENTS

Notice & Letters

Confirmation from Futuronix Automation (P) Ltd.

4/2/2021

Gmail - Fwd: Workshop on Industrial Automation



Hari Singh <hari19june@gmail.com>

Fwd: Workshop on Industrial Automation

Swati Sharma <sharma.swati1507@gmail.com>
To: Hari Singh <hari19june@gmail.com>

Sat, Mar 20, 2021 at 4:45 PM

----- Forwarded message -----

From: **Prashant Upadhyay** <prashant@futronix.in>
Date: Sat, 25 Mar 2017, 15:43
Subject: Workshop on Industrial Automation
To: <sharma.swati1507@gmail.com>

Dear Madam,

As per our telephonic conversation, we will organize the workshop on 29th March, 2017. The details of program is as under:

Program Title:- **Workshop on Industrial Automation and PLC**

Charges: Rs. 230/- per student for one day programme

Thanks and Regards

Prashant Upadhyay

Sr. Executive

Activity Report
One-Day Workshop on Industrial Automation and PLC
29th March 2017

Industrial Automation & PLC

The Department of Electronics successfully organized a one day workshop on Industrial Automation and PLC i.e. Programming Logic and Control on 29th March, 2017 which was sponsored by IEEE eds Delhi chapter. This workshop was conducted by Futuronix Automation (P) Ltd which was seeded by Cornet Engineering (P) Ltd & is in association with Schneider.

The session began with an introduction to automation. Automation is a technique in which a device is made to process itself by applying a suitable programmable logic control system to it. With the ongoing tech-era, Automation industry has made its own niche in almost every field. We have Industrial, Office, Scientific, Building & substation automation industries running worldwide. Automation is used in various fields like automobile, handling hazardous chemicals, toxic chemicals, pharmaceuticals, glass making, machining, chocolate making etc. Next session began with the basics of Industrial Automation on the software "Twido Suite". Basic information regarding the software and PLC, which is a virtual combination of relays, timers & counters, was given. Ladder logic was explained and various logic gates were made with the help of ladder logic. The session ended with few advanced examples performed via "Twido Suite". Industrial Automation is one of the finest platforms for building a career. PLC is considered one of the best technologies due to its high efficiency, cost effectiveness, occupying low space and flexibility in operation.



Did you know that electricity plays a role in the way your heart beats? Electricity causes muscle cells in the heart to contract. Electrocardiogram (ECG) machines, used by medical professionals, measure the electricity going through the heart. As the heart beats in a healthy person, the ECG machine displays a line moving across the screen with regular spikes

Photos



Certificate





SRI VENKATESWARA COLLEGE
(University of Delhi)

Internal Quality Assurance Cell

Chairperson

Prof C. Sheela Reddy
Principal
Sri Venkateswara College

IQAC Coordinator

Dr. N. Latha
Department of Biochemistry

External Members

Prof Debi P Sarkar
Department of Biochemistry
University of Delhi South
Campus

Prof Alo Nag
University of Delhi South
Campus

Dr. Gitanjali Yadav
NIPGR, Delhi

Internal Members

Dr. Meenakshi Bharat
Department of English

Dr. Lalitha Josyula
Department of Electronics

Dr. Namita Pandey
Department of Political
Science

Dr. A. K. Chaudhary
Department of Physics

Dr. K.C. Singh
Department of Physics

Dr. Swarn Singh
Department of Mathematics

Dr. Neeraj Sahay
Department of History

Dr. Vartika Mathur
Department of Zoology

Dr. Shruti Mathur
Department of Commerce

Dr. Padma Priyadarshini
Department of Sociology

Dr. Nimisha Sinha
Department of Biochemistry

Shri D. Venkat Ramana
A.O(I/C)

This is to certify that the Activity report (Teacher/Department /Society/Association)
has been submitted for documentation to IQAC, Sri Venkateswara College,
University of Delhi.

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