






PARVATHAREDDY BABUL REDDY
VISVODAYA INSTITUTE OF TECHNOLOGY & SCIENCE
(AUTONOMOUS)

KAVALI – 524201, S.P.S.R Nellore Dist., A.P. India. Ph: 08626-243930



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Events delivered by industry experts during 2022-23

S.No	Name of the Program	Resource Person with designation	Company/Organization	Relevance to PO's & PSO's
1	Work shop on "Industrial automation & Design using PLC & SCADA"	Mr B Balaji Assistant Engineer Central Warehousing Corp, Bangalore Mob:8099255925	 केन्द्रीय भण्डारण निगम (भारत सरकार का उपक्रम) CENTRAL WAREHOUSING CORPORATION (A GOVERNMENT OF INDIA UNDERTAKING)	PO1,PO2, PO3,PO6, PO11,PSO1, PS O2
2	Guest Lecture on "Power Conservation in Smart Grid"	Mr S V Mahesh Babu Divisional Engineer, APTRANSCO Tirupati Mob:7075995479	 AP TRANSCO	PO1,PO2, PO3,PO7, PSO1,PS O2
3	Certificate Course on "Introduction To MATLAB & Simulink"	Mr A Sampath Kumar Addl Divisional Engineer BSNL Pondicherry Mob:9486101497	 BSNL	PO1,PO2, PO3,PO6, PSO1,PS O2

Sd/-
Head of the Department



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

EVENT REPORT

Name of the Event : Workshop on “Industrial automation & Design using PLC& SCADA”

Date(s) of conduction: 03-11-2022 to 07-11-2022

Time : 09:00 A.M. to 04:00 P.M

Venue : A011 & A012, MRR Block, PBR VITS.

Participants : IV B. Tech. EEE Students

Event coordinator : Mr. G.SUMAN

Name, Designation & Address of Resource person(s)

Mr.B.Balaji,
Assistant Engineer,
Ware housing Department,
Bangalore.

OBJECTIVES:

- To motivate the students on Industrial automation & Design using PLC& SCADA
- To introduce latest technology in software developments
- To familiarize the students to use various software to develop applications

REPORT:

Department of Electrical & Electronics Engineering, PBR VITS has Organized a Workshop on “Industrial automation & Design using PLC & SCADA” from 03-11-2022 to 07-11-2022 for IV B.Tech EEE Students. In this program, 80 students and 4 faculty members have attended. This workshop was inaugurated by Dr. V. Madhusudhan Reddy, HOD of EEE, who explains the need of “Industrial automation & Design using PLC& SCADA “with reference to the present day scenario in his inaugural speech.

Mr. B. Balaji shared was the resource person of this workshop. During sessions he introduced the present application development technologies in Electrical sector through SCADA & PLC and showed how to develop one application with the importance of the SCADA & PLC Programming used to develop applications as per current electrical applications.

Topics to be covered in this Workshop:

Day I:

- Presentation on Recent Trends in Industrial Automation & PLC-SCADA
- Introduction To Automation
- Why We Need Automation
- Where Automation?
- Evolution In Industrial Automation (A Brief History)
- Different Type Of Industrial Control Mechanisms)

Day II:

- Introduction To PLCs
- PLC Advantages Over Microcontrollers
- Area Of Applications
- DATA Flow During Automation
- Motor Drives Introduction & Their Need
- Sensors Introduction & Their Need
- HMI Introduction & Its Need
- SCADA Introduction& Its Need

Day III:

- Detail study of PLC & SCADA
- PLC
- SCADA
- PLC I/Os Basics, Burning & Interfacing Concepts
- Allen Bradley & Rockwell Automation's Details
- Brief Description To Input/ Output Pins Of Micrologix-1000
- Ladder Diagram Basics
- Introduction To RSLogix
- Downloading A Ladder Program In PLC Using RSLinx.
- How To Take Input From Panel
- How To Give Output To Panel
- Running First PLC Application.

Day IV:

- Hands on PLC Training Kit
- Participant will perform hands on PLC training Kit.

In the valedictory session was held on Last day of workshop, merit certificates are distributed to the students whose performance is excellent. Finally the Resource person was facilitated by the Principal, HOD and the event Coordinator.

OUTCOMES: Students were able to

- Become aware about the basic Knowledge of Industrial Automation
- Become aware about the basic Knowledge of PLCs and their relevant module.

Signature of the Faculty In-charge

**Sd/-
Signature of the HOD**

Photos

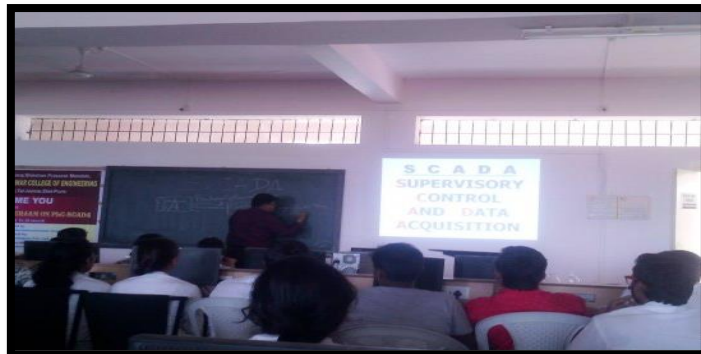
Name of the Event : Workshop on “Industrial automation & Design using PLC& SCADA”

Date : 03-11-2022 to 07-11-2022

Participants : IV B. Tech. EEE Students

Name, Designation & Address of Resource person

: Mr. B. Balaji, Assistant Engineer,
Ware housing Department, Bangalore.



Sd/-
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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

ACADEMIC YEAR: 2022-2023

EVENT REPORT

NAME OF THE EVENT : “Power Conservation in Smart Grid”
DATE OF EVENT : 10-04-2023
TIME : 10:30 PM
VENUE : B-207, Mech Block, PBR VITS
PARTICIPANTS : 52 (II EEE)
EVENT CO-ORDINATOR : G. Suman, Asst. Professor, EEE
RESOURCE PERSON : Mr. S. V. Mahesh Babu
Executive Engineer, APTRANSCO,
400KV Substation,
Kalikiri, Chittoor Dt.

REPORT:

Department of Electrical Engineering PBR VITS has organized a guest lecture on “**Power Conservation in Smart Grid**” on 10-04-2023. The resource person from APTRANSCO, 400KV Substation, Kalikiri, Chittoor District.

He shared his industrial experience and explained in detail what are the latest Technologies “**Power Conservation in Smart Grid**”. Along with he also spoke on career perspective domains in electrical industries for the students.

HOD of EEE Dr. V. Madhusudhan Reddy introduced the speaker and Mr. V. Masthanaiah, proposed the vote of thanks for the session. In all, 52 students and faculty of electrical attended the guest lecture.

OUTCOMES:

1. Students gained the knowledge regarding “**Power Conservation in Smart Grid**”
2. Students felt that, the role of each and every person had a responsibility for power conservation for future generation.
3. Faculty improved their teaching skills.

Signature of the Coordinator

Signature of the HOD

PHOTO GRAPHS

A Guest lecture delivered on “**Power Conservation in Smart Grid**” by Mr. S. V. Mahesh Babu, Executive Engineer, APTRANSCO, 400KV Substation, Kalikiri, Chittoor Dt on 10/04/2023.



Signature of the Coordinator

Signature of the HOD



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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

ACADEMIC YEAR: 2022-2023

EVENT REPORT

NAME OF THE EVENT	: Certificate Course on “ Introduction to MAT LAB & Simulink ”
DATE OF EVENT	: 08-08-2022 to 12-08-2022
TIME	: 10:30 PM
VENUE	: A-211, MRR Block, PBR VITS
PARTICIPANTS	: 47 (III & IV EEE)
EVENT CO-ORDINATOR	: G. Suman, Asst.. Professor, EEE
RESOURCE PERSON	: Mr. A. Sampath ADE, BSNL Pondichery.

REPORT:

Department of Electrical Engineering PBR VITS has organized a Certificate Course on “**Introduction to MAT LAB & SIMULINK**” on 08-08-2022 to 12-08-2022. The resource person from ADE, BSNL, Pondicherry.

He shared his Knowledge on Introduction to MAT LAB & Simulink and explained in detail what are the latest Technologies in “**MAT LAB & SIMULINK**”. Along with he also spoke on career perspective domains in electrical industries for the students.

HOD of EEE Dr. V. Madhusudhan Reddy introduced the speaker and Mr. S. Muni Raja, proposed the vote of thanks for the session. In all, 47 students and faculty of electrical attended the guest lecture.

OUTCOMES:

1. Students gained the knowledge regarding “**MAT LAB & SIMULINK**”
2. Faculty improved their knowledge in MATLAB software.

Signature of the Coordinator

Signature of the HOD