







PARVATHAREDDY BABUL REDDY
VISVODAYA INSTITUTE OF TECHNOLOGY & SCIENCE

(Affiliated to J.N.T.U.A, Approved by AICTE and Accredited by NAAC)
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 2019-20

S.No	Name of the Program	Resource Person With designation	Company/Organization	Relevance to Po's & PSO's
1	Guest Lecture on "Power System Operation And Control"	K.S. Benarji ADE, APTRANSCO, Kavali. Mob:8099255925		PO1,PO2, PO6,PO12 PSO1,PS O2
2	Guest Lecture on "Electrical energy Conservation"	Mr S V Mahesh Babu Divisional Engineer, APTRANSCO Tirupati Mob:9440812008		PO1,PO2, PO6,PO11, PSO1,PS O2
3	Work Shop on "Hands on Design and Development of E-MATLAB"	Mr. A. Gopi Senior Simulink Engineer, Take off Edu Group, Tirupathi-517502 Mob:9032421995		PO1,PO2, PO6,PO11, PSO1,PS O2
4	Certificate Course on "PLC Programming and Training"	Mr P Sudeep Israel Asst Divisional Engineer APTRANSCO Ongole Mob:9440810917		PO1,PO2, PO3,PO5, PO12,PSO1

Sd/-
Head of the Department



P.B.R. VISVODAYA INSTITUTE OF TECHNOLOGY & SCIENCE

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

EVENT REPORT

- Name of the Event** : Guest Lecture on “Power System Operation And Control”
- Date** : 15-02-2020
- Time** : 10:30 A.M. to 12:30 P.M
- Venue** : C-118, E-class room, Cotton block
- Participants** : III B. Tech. EEE Students
- Event coordinator** : Mr. G. Suman
- Name, Designation & Address of Resource person** : **Mr. Mr. K.S. Benarji,**
ADE, APTRANSCO, Kavali.

OBJECTIVES :

- To understand the operation of the power systems.
- To create an awareness on Power system operation & control.
- To develop ability to control the power systems.

REPORT :

A Guest lecture was organized by the department of EEE on “Power System Operation and Control”. In this program 54 students and 12 faculty members were attended.

Mr. Mr. K.S. Benarji, ADE, APTRANSCO, Kavali talked on power system operation and its control that how much important to the present and future world. In other words, the operation of the power systems and its control is very important in the future.

The following topics were covered in the lecture – Importance of power systems, what are the different ways of control, present and future job opportunities in the field of power systems.

OUTCOMES: Students were able to

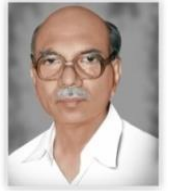
- Importance of power system operation.
- Different control mechanisms which are available for power system operation.
- Different job opportunities in power systems.

Signature of the Faculty In-charge

Signature of the HOD



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

PHOTOS

Name of the Event : Guest Lecture on “Power System Operation And Control”
Date : 15-02-2020
Venue : C-118, E-class room, Cotton block
Participants : III B. Tech. EEE Students
Name, Designation & Address of Resource person : **Mr. K.S. Benarji**, ADE,
APTRANSCO, Kavali .



Head of the Department



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

EVENT REPORT

Name of the Event : Guest Lecture on “**Electrical Energy Conservation**”

Date : 10-02-2020

Time : 02:00 P.M. to 04:30 P.M

Venue : C-118, **E-Class** room, cotton block

Participants : IV B. Tech. EEE Students

Event coordinator : Mr. G. Suman

Name, Designation & Address of Resource person: Mr. S. V. Mahesh Babu,
Additional Divisional Engineer,
APTRANSCO,
400 KV Substation, Kalikiri,
Chittoor Dt.

OBJECTIVES:

- To understand the moral values that ought to guide the Engineering profession and resolve the moral issues in the profession.
- To create an awareness on Management Ethics and Human Values.
- To appreciate the rights of others.
- To develop ability to deal effectively with moral complexity in students

REPORT :

A Guest lecture was organized by the department of EEE on “**Electrical Energy Conservation**”. In this program out of 59 students 51 students and 15 faculty members were attended.

Mr. S. V. Mahesh Babu talked on what is our power generation capacity and why we should conserve the energy and what are the major functions of B.E.E., awareness of Star Rating.

OUTCOMES: Students were able to

- Have the awareness on conservation of Electrical Energy.
- Acquire the knowledge on STAR Rating.
- Aware the various ratings of Domestic equipment.

Signature of the Faculty In-charge

Signature of the HOD



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

PHOTOS

- Name of the Event** : Guest Lecture on “**Electrical Energy Conservation**”
Date : 10-02-2020
Venue : C-118, E-class room(C-118), Cotton block
Participants : IV B. Tech. EEE Students
Name, Designation & Address of Resource person : **Mr. S. V. Mahesh Babu**, ADE,
APTRANSCO, 400KV Substation,
Chittoor.

The banner features the institute's logo on the left and a portrait of Mr. S. V. Mahesh Babu on the right. The text is as follows:

PBR VISVODAYA INSTITUTE OF TECHNOLOGY & SCIENCE
(AUTONOMOUS)
KAVALI - 524201, S.P.S.R Nellore Dist., A.P.

Department of Electrical and Electronics Engineering

Guest Lecture on
ENERGY CONSERVATION
by on: 10-02-2020
S.V. Mahesh Babu
EXECUTIVE ENGINEER, 400KV/SUBSTATION, APTRANSCO, KALIKIRI.



HEAD OF THE DEPARTMENT



EVENT REPORT

Name of the Event : Workshop on “Hands on Design and development of E-MATLAB”

Date(s) of conduction: 10-01-2020 to 11-01-2020

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

Venue : A211 & A212, MRR block

Participants : IV B. Tech. EEE Students

Event coordinator : Mr. M. Giri Babu

Name, Designation & Address of Resource person(s)

Mr. A. Gopi,
Senior Simulink Engineer,
Take off Edu Group,
Tirupati.

REPORT:

The goal of this workshop is to give a basic understanding of MATLAB, including popular tool boxes. The program consists of interactive lectures and sample MATLAB problems that generally they face. The program helps at various stages in studying subject related to Processing and analysis during regular subjects throughout courses. No prior programming experience or knowledge of MATLAB is assumed.

In the first session Dr. V. Madhusudhan Reddy, HOD of EEE addressed the gathering and introduced the resource person Mr. A. Gopi, Senior Simulink Engineer; Take off Edu Group, Tirupati to the gathering. Dr. B. Konda Reddy, Principal had said few words about the importance of MATLAB and the use cases of it in the academics. Later the resource person gave the Introduction about the MATLAB and its features. He also discussed the software tools required for smooth running of the lab. A few example programs also discussed to make the technicians to understand the applications of the MATLAB. In the evening session, Hands on lab was conducted by the resource person. Where he has covered different topics and these are given as a summary.

Executive summary: Following points were covered with hands on training:

- 1) **Basics of MATLAB:** MATLAB window, basic commands, use of variables with values, arrays, basic trigonometric functions, etc.
- 2) **Function in MATLAB:** defined, declared and used of the user defined functions.
- 3) Plot the graphs for given variable and check given system performance.
- 4) Live Scrip editor: It is used for series of MATLAB commands in a single interactive environment. Rn section in live script, create live script functions, etc. was explained.

- 5) **Simulink:** It is used to model the system and then simulates the dynamic behavior of the system.
- 6) **Hardware support packages:** It covered how to install third party hardware and used for small projects. Camera, ARM, Arduino, Altera, Keysight can be connected to MATLAB and through Simulink functionality we can implement good projects. For this Mathwork account is required.
- 7) Machine learning and Artificial intelligence can be used efficiently in MATLAB
- 8) Exporting Script to presentation was also explained.

OUTCOMES: Students were able to

- Know about the advantage of MATLAB and its usage in designing the projects.
- Know syntaxes and functions for use in programming.
- Know the Introduction about the MATLAB and its features.

Signature of the Faculty In-charge

Signature of the HOD

PHOTOS

Name of the Event : Workshop on “Hands on Design and development of E-MATLAB”

Date(s) of conduction: 10-01-2020 to 11-01-2020

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

Venue : A211 & A212, MRR block

Participants : IV B. Tech. EEE Students

Event coordinator : Mr. M. Giri Babu

Name, Designation & Address of Resource person(s)

Mr. A. Gopi,
Senior Simulink Engineer,
Take off Edu Group,
Tirupati.



Head of the Department



ACADEMIC YEAR: 2019-2020

EVENT REPORT

NAME OF THE EVENT : Certificate Course on “**PLC Programming and Training**”
DATE OF EVENT : 16-9-2019 to 19-9-2019
TIME : 10:30 PM
VENUE : C-118, COTTON Block, PBR VITS
PARTICIPANTS : 60 (III & IV EEE)
EVENT CO-ORDINATOR : G. Suman, Asst. Professor, EEE
RESOURCE PERSON : Mr P Sudeep Israel
ADE, APTRANSCO
Ongole.

REPORT:

A Certificate Course on the topic “PLC Programming and Training” was conducted by the department of EEE, PBR VITS, Kavali on 16-9-2019 To 19-9-2019. The resource person was Mr P Sudeep Israel, ADE, APTRANSCO, Ongole.

The programme started with an inaugural session at 10:00 AM in which the HoD of EEE Department Dr. V. Madhusudhan Reddy gave opening remarks about the event. Mr. V. Masthanaiah, Assistant Professor, Dept. of EEE introduced the Resource Person to the gathering, later the Resource person briefly presented the following deliberations.

Day-1(16.09.2019): Internal Architecture of PLC, Introduction to PLC, types of PLC programming languages, Normally open and normally close and Ladder logic.

Day-2(17.09.2019): Logic gates implementation using PLC, Latching conditions, blinking programs.

Day-3(18.09.2019): Looping concepts, Push button programming, and Timer operations.

Day-4(19.09.2019): Delay operations and counting operations- Incremental counting. Counting operations- Decremental counting, Incremental/ Decremental Counting.

OUTCOMES: Students can be able to

1. Learn the Circuits & Drawing Designing
2. Understand the modern industrial automation systems.
3. Demonstrate working of PLCs in the industry
4. Succeed in a core interview & get a core job..

Signature of the Coordinator

Signature of the HOD

PHOTOS

NAME OF THE EVENT : Certificate Course on “**PLC Programming and Training**”
DATE OF EVENT : 16-9-2019 to 19-9-2019
TIME : 10:30 PM
VENUE : C-118, COTTON Block, PBR VITS
PARTICIPANTS : 60(III & IV EEE)
EVENT CO-ORDINATOR : G. Suman, Asst. Professor, EEE
RESOURCE PERSON : Mr P Sudeep Israel
ADE, APTRANSCO, Ongole.



Signature of the Coordinator

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