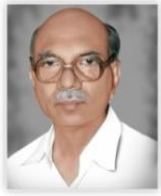




**PARVATHAREDDY BABUL REDDY**  
**VISVODAYA INSTITUTE OF TECHNOLOGY & SCIENCE**

(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 AND ELECTRONICS ENGINEERING**

**FDP- SUMMARY REPORT**

**Name of the FDP** : Hybrid Electrical Vehicles  
**Date(s)** : 18-07-2022 to 22-07-2022  
**Resource Persons** : Dr. G.Srinivasulu Reddy, Principal, Narayana Engineering College,  
Nellore

▪ **Topics Covered**

**Session Topics:**

- Battery Management System - Challenges & Opportunities
- Modern Electric Drives and Control Techniques for EV's
- Advanced Power Converters for Various Applications
- Hands-on Simulation Practice of Inverters, High Gain Converters, PV-Fed Converters, Resonant Converters, and their Applications in eTransportations

▪ **Participants :**

Total No. of Participants: 26

▪ **Feedback from Participants**

- ✓ All facilities are good.
- ✓ Concepts are well covered.
- ✓ Practical sessions are very much useful.

▪ **Recommendations for the coming events :**

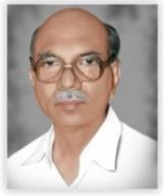
- ❖ Event can be conducted for different fields.
- ❖ Practical session time is to be increased.
- ❖ Event can be conducted once in every year.



# 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 AND ELECTRONICS ENGINEERING

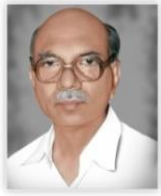




# PARVATHAREDDY BABUL REDDY VISVODAYA INSTITUTE OF TECHNOLOGY & SCIENCE

(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 AND ELECTRONICS ENGINEERING

### FACULTY DEVELOPMENT PROGRAM ON

Hybrid Electrical Vehicles  
on  
18-07-2022 to 22-07-2022



Organized by

DEPARTMENT OF EEE

### PBR VISVODAYA INSTITUTE OF TECH. & SCIENCE

Affiliated to JNTUA Anantapuramu,  
(Approved by AICTE & Accredited by NAAC)  
An ISO 9001:2008 Certified Institution  
KAVALI-524 201, Nellore(Dist.) -A.P.  
Ph: 08626-243930, 09246428704  
Website: www.visvodaya.ac.in  
E-mail: eeeprvits@gmail.com

#### Overview of the FDP

Electric and hybrid electric vehicles are a promising technology for achieving a sustainable mobility sector in the future, due to their very low to zero carbon emissions, simplicity, low noise, high efficiency, reliability, cost, comfort. This Interdisciplinary FDP offers an overview of electric vehicle technologies and emphasize the energy sources, controls and simulation strategies used for electric vehicle. Opportunities and challenges in this thrust area for researchers will be highlighted. The objective of the FDP is to enrich the knowledge of researchers, faculty and industrial professionals.

#### FDP Highlights: -

- Basic concepts of HEV and Design challenges
- Exposure to Energy sources and management
- Research potentials in batteries, Fuel cells, ultra-capacitor
- Simulation of EV in MATLAB

#### The Main Focus:

- > Maximize the industrial connectivity
- > Create centres of excellence in niche areas of research.
- > Enrich technological and managerial human capital nurtured in a multicultural ambience.

#### ABOUT PBR VITS

Parvathareddy Babul Reddy Visvodaya Institute of Technology & Science (PBR VITS) was established in 1998 and is situated at Kavali in Nellore Dist. of Andhra Pradesh on a sprawling campus of 25 acres. It is affiliated to JNTU Anantapur, Recognized by AICTE & Accredited by NAAC. It is an ISO 9001:2008 Certified. The college has well equipped laboratories, computing facilities & library to provide quality education to students.

#### ABOUT THE DEPARTMENT

The Department of EEE established in 1998 offering B.Tech course with an intake of 120 students and M.Tech with specializations. PE (intake of 18).

The Dept. has qualified and experienced faculty and excellent infrastructural facilities. It is well equipped with laboratories, audio-visual facilities, software tools such as MultiSim, ModelSim, Lab View, HFSS, MATLAB. The main vision of the Department is to provide high quality education to the student right from the beginning of the course. Department has conducted many national level seminars, Workshops & Guest Lectures.

#### Session Topics:

- > Battery Management System - Challenges & Opportunities
- > Modern Electric Drives and Control Techniques for EV's
- > Advanced Power Converters for Various Applications
- > Hands-on Simulation Practice of

Inverters, High Gain Converters, PV-Fed Converters, Resonant Converters, and their Applications in eTransportations

#### Resource Persons:

- ✦ Dr. G.Srinivasulu Reddy, Principal, Narayana Engineering College, Nellore

#### Eligibility

Faculty, Research Scholars, M.Tech Students from AICTE approved Colleges.

#### How to Apply:

Applications in the prescribed Performa duly signed by the Head of the Institution/Organization should reach the Chief coordinator on or before 30-06-2022

#### Registration Fee:

- Research scholar / M.Tech students/ Faculty Rs.200/-
- Industrial participant:Rs.300/-

Registration fee should be paid at the venue through cash only

#### REGISTRATION FORM

### FACULTY DEVELOPMENT PROGRAM (FDP) ON Hybrid Electrical Vehicles on 18-07-2022 to 22-07-2022

1. Name of the Participant:
2. Designation :
3. Name of the Organization :
4. Address for Communication :
5. Mobile:
6. E-mail: \_\_\_\_\_

Signature of the Participant

#### SPONSORING AUTHORITY

Mr./Mrs. \_\_\_\_\_  
employed as \_\_\_\_\_ in the  
college/ organization is sponsored to attend the  
workshop.

Place:  
Date:

Signature of Sponsoring  
Authority with Seal

#### Address for Correspondence:

Convener,  
Faculty Development Program on Hybrid Electrical Vehicles  
Dept. of Electrical & Electronics Engineering,  
PBR VISVODAYA INSTITUTE OF TECH. & SCIENCE  
KAVALI-524 201

E-mail: eeeprvits@gmail.com

Phone No.: 08626-243930

Mobile : 09848651775

#### Program Organization Committee:

Mr. M. Giri Babu, Assoc. Prof., EEE

Mr. CH. Swapna, Asst. Prof., EEE

Mr. M. Venkatesh, Asst. Prof., EEE

Mr. P. Nanda Kumar, Asst. Prof., EEE

Mr. S. Muni Raja, Asst. Prof., EEE

Mr. G. Suman, Asst. Prof., EEE

#### Patrons:

Dr. D.Prathiyusha Reddy, Academic director

#### Convener:

Dr. V. Madhusudhana Reddy, Prof & HOD, EEE

#### Coordinators

Mr. A. Bhakthavachala, Assoc. Prof. EEE

Mr. V. Masthanaiah, Asst. Prof., EEE

#### Advisory Committee:

Mr. CH. Srinivasulu Reddy, Assoc. Prof. EEE

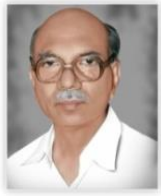
\*\*\*\*\*



**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 AND ELECTRONICS ENGINEERING**



**PARVATHAREDDY BABUL REDDY  
VISVODAYA INSTITUTE OF TECHNOLOGY AND SCIENCE :: KAVALI**

(Affiliated to J.N.T.U.A, Approved by AICTE and Accredited by NAAC with 'A' Grade)  
KAVALI – 524201, S.P.S.R Nellore Dist., A.P. India. Ph: 08626-243930



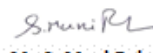
**Department of Electrical and Electronics Engineering**

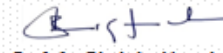



**CERTIFICATE OF PARTICIPATION**

This is to certify that Dr./Mr./Mrs. **V.Masthanaiah**, department of Electrical and Electronics Engineering from **PBR Visvodaya Institute of Technology and Science** has actively participated in a one day National Level faculty development programme on **"Hybrid Electrical Vehicles "** held on **18-07-2022 to 22-07-2022** organized by department of Electrical and Electronics Engineering, **PBR Visvodaya Institute of Technology and Science**, Kavali, SPSR Nellore, Andhra Pradesh, INDIA.

  
Dr. V. Madhusudhan Reddy  
Advisor & Vice-Principal

  
Mr. S. Muni Raja  
Co - Convener

  
Prof. A. Bhaktha Vatsala  
Convener & HOD, EEE

  
Dr. B. Dattatreya Sarma  
Principal

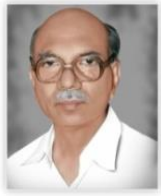
**Head of the Department**



**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 AND ELECTRONICS ENGINEERING**

**FDP- SUMMARY REPORT**

**Name of the FDP** : **Power System Distribution & Performance Assessment for a Rocket Launching Station Advances**  
**Date(s)** : **14.02.2022 to 18.02.2022**  
**Resource Persons** : Mr. K.K.S.V.V Praksash Rao, Head, Electrical System Launch Complex, SDSHAR.  
**Chief Guest invited** : Dr. G. Marutheswara Rao, Professor , SV University, Tirupathi

▪ **Topics Covered**

- Introduction to the development of Power Transmission.
- Recent advances in UHV power transmission systems; present status and future growth.
- Major Components of HV transmission systems, types of conductor configurations conductor accessories/clamps etc.
- Up-gradation of existing transmission lines

▪ **Participants :**

Total No. of Participants: 26

▪ **Feedback from Participants**

- ✓ All facilities are good.
- ✓ Concepts are well covered.
- ✓ Practical sessions are very much useful.

▪ **Recommendations for the coming events :**

- ❖ Event can be conducted for different fields.
- ❖ Practical session time is to be increased.
- ❖ Event can be conducted once in every year.

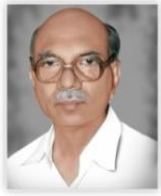




# PARVATHAREDDY BABUL REDDY VISVODAYA INSTITUTE OF TECHNOLOGY & SCIENCE

(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 AND ELECTRONICS ENGINEERING



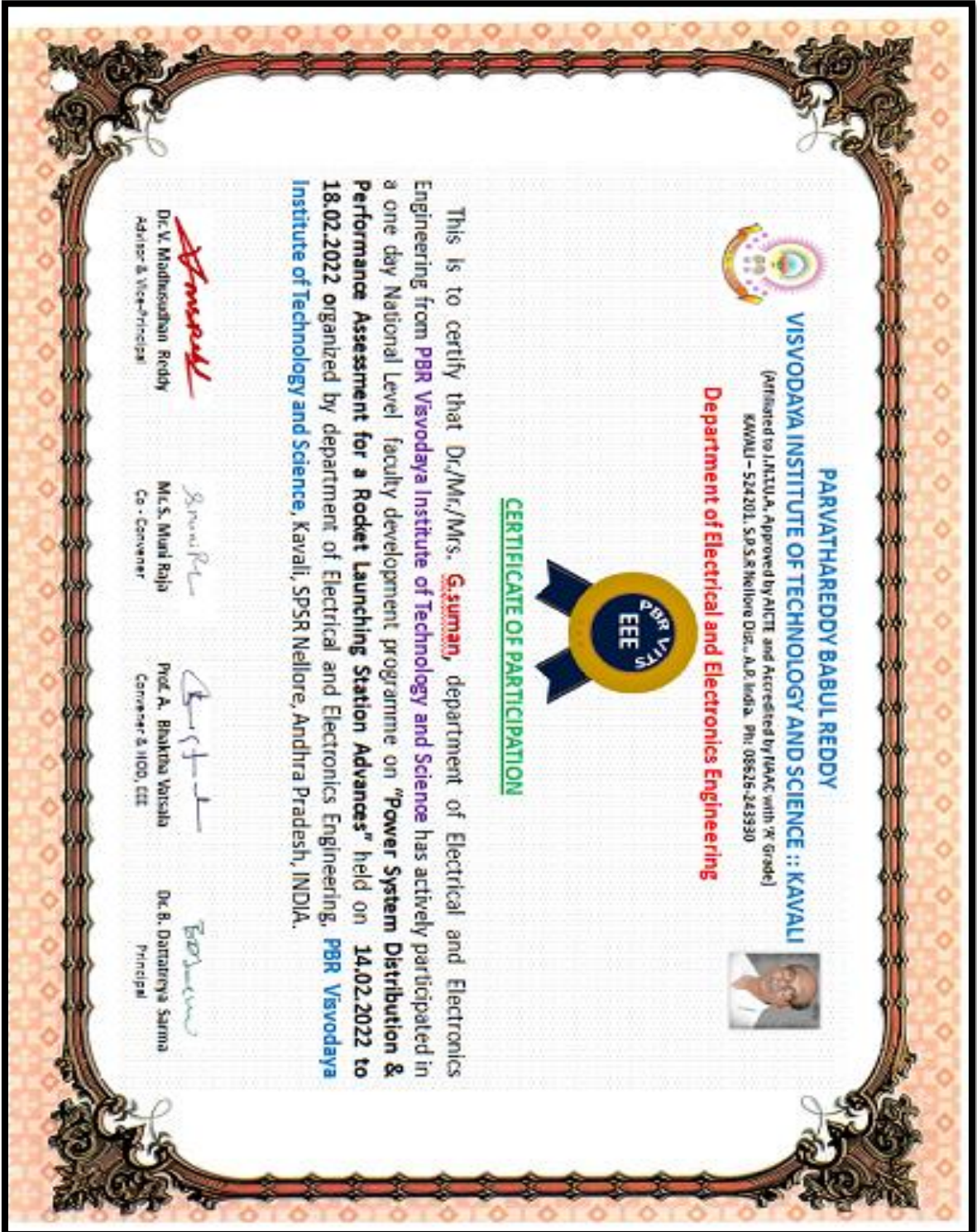


**PARVATHAREDDY BABUL REDDY  
VISVODAYA INSTITUTE OF TECHNOLOGY & SCIENCE**

(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 AND ELECTRONICS ENGINEERING**



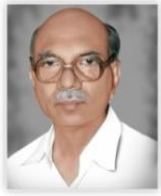




# PARVATHAREDDY BABUL REDDY VISVODAYA INSTITUTE OF TECHNOLOGY & SCIENCE

(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 AND ELECTRONICS ENGINEERING

### FACULTY DEVELOPMENT PROGRAM ON

Power System Distribution & Performance Assessment for a Rocket Launching Station  
14-02-2022 to 18-02-2022



Organized by

DEPARTMENT OF EEE

### PBR VISVODAYA INSTITUTE OF TECH. & SCIENCE

Affiliated to JNTUA Anantapuram,  
(Approved by AICTE & Accredited by NAAC)  
An ISO 9001:2008 Certified Institution  
KAVALI-524 201, Nellore(Dist.) -A.P.  
Ph: 08626-243930, 09246428704  
Website: www.visvodayata.ac.in  
E-mail: eeepbrvits@gmail.com

#### ABOUT PBR VITS

Parvathareddy Babul Reddy Visvodaya Institute of Technology & Science (PBR VITS) was established in 1998 and is situated at Kavali in Nellore Dist. of Andhra Pradesh on a sprawling campus of 25 acres. It is affiliated to JNTU Anantapur, Recognized by AICTE & Accredited by NAAC. It is an ISO 9001:2008 Certified. The college has well equipped laboratories, computing facilities & library to provide quality education to students.

#### ABOUT THE DEPARTMENT

The Department of EEE established in 1998 offering B.Tech course with an intake of 120 students and M.Tech with specializations. PE (intake of 18).

The Dept. has qualified and experienced faculty and excellent infrastructural facilities. It is well equipped with laboratories, audio-visual facilities, software tools such as MultiSim, ModelSim, Lab View, HFSS, MATLAB. The main vision of the Department is to provide high quality education to the student right from the beginning of the course. Department has conducted many national level seminars, Workshops & Guest Lectures.

#### About the Program:

The FDP is formulated to enhance the knowledge of Advances in UHV transmission and Distribution.

#### Objectives:

- To make the participants familiarize with Advances in UHV transmission and Distribution
- To enable the participants familiarize with Advances in UHV transmission and Distribution

#### Major Course Contents:

- ❖ Introduction to the development of Power Transmission.
- ❖ Recent advances in UHV power transmission systems; present status and

#### Resource Persons:

- ❖ Mr. Mr. K.K.S.V.V Praksash Rao, Head, Electrical System Launch Complex, SDSHAR
- Dr. G. Marutheswara Rao, Professor, SV University, Tirupathi

#### Eligibility

Faculty, Research Scholars, M.Tech Students from AICTE approved Colleges.

#### How to Apply:

Applications in the prescribed Performa duly signed by the Head of the Institution/Organization should reach the Chief coordinator on or before 31-01-2022

#### Registration Fee:

- Research scholar \ M.Tech students\ Faculty Rs:200/-
  - Industrial participant:Rs.300/-
- Registration fee should be paid at the venue through cash only

#### REGISTRATION FORM

FACULTY DEVELOPMENT PROGRAM (FDP) ON  
Power System Distribution & Performance Assessment for a Rocket Launching Station  
On 14.02.2022

1. Name of the Participant:
2. Designation :
3. Name of the Organization :
4. Address for Communication :
5. Mobile:
6. E-mail: \_\_\_\_\_  
Signature of the Participant

#### SPONSORING AUTHORITY

Mr./Mrs. \_\_\_\_\_  
employed as \_\_\_\_\_ in the  
college/ organization is sponsored to attend the  
workshop.

Place:  
Date:

Signature of Sponsoring  
Authority with Seal

#### Address for Correspondence:

Convener,  
Faculty Development Program on Hybrid  
Electrical Vehicles  
Dept. of Electrical & Electronics Engineering,  
PBR VISVODAYA INSTITUTE OF TECH. &  
SCIENCE  
KAVALI-524 201

E-mail: eeepbrvits@gmail.com

Phone No.: 08626-243930

Mobile : 09848651775

#### Program Organization Committee:

Mr. M. Giri Babu, Assoc. Prof., EEE  
Mr. CH. Swapna, Asst. Prof., EEE  
Mr. M. Venkatesh, Asst. Prof., EEE  
Mr. P. Nanda Kumar, Asst. Prof., EEE  
Mr. S. Muni Raja, Asst. Prof., EEE  
Mr. G. Suman, Asst. Prof., EEE

#### Patrons:

Dr. D.Prathyusha Reddy, Academic director

#### Convener:

Dr. V. Madhusudhana Reddy, Prof & HOD, EEE

#### Coordinators

Mr. A. Bhakthavachala, Assoc. Prof, EEE  
Mr. V. Masthanaisah, Asst. Prof., EEE

#### Advisory Committee:

Mr. CH. Srinivasulu Reddy, Assoc. Prof, EEE

\*\*\*\*\*

Head of the Department

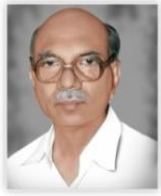




**PARVATHAREDDY BABUL REDDY**  
**VISVODAYA INSTITUTE OF TECHNOLOGY & SCIENCE**

(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 AND ELECTRONICS ENGINEERING**

**FDP- SUMMARY REPORT**

**Name of the FDP : Importance of Research ifor Engineering Faculty**

**Date(s) : 29-06-2021**

**Chief Guest invited : Dr.V.Jamuna , Professor , SV University, Thirupathi.**

▪ **Objectives of the Programme:**

- To enhance the capabilities of teaching faculty in the domain to choose better research methods for their research applications.
- Practice on software applications like SPSS & Mini Tab.

▪ **Participants :**

Total No. of Participants: 54

( External-26, VITS staff-22, M.Tech students-6)

▪ **Key points of the programme:**

- Introduction to Engineering Research
- Literature Review
- Stastical Analysis
- Optimization Techniques
- Simulationh Modeling
- Survey methods
- Experimental Techniques
- Design of Experiments
- Research communication
- Practical sessions on different softwares

▪ **Feedback from Participants**

- ✓ All facilities are good.
- ✓ Concepts are well covered.
- ✓ Practical sessions are very much useful.
- ✓

▪ **Recommendations for the coming events :**

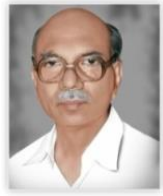
- ❖ Event can be conducted for different fields.
- ❖ Practical session time is to be increased.
- ❖ Event can be conducted once in every year.



**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 AND ELECTRONICS ENGINEERING**

 <p><b>PBR VISVODAYA INSTITUTE OF TECHNOLOGY &amp; SCIENCE (AUTONOMOUS)</b></p> <p><b>A One Day National Level Faculty Development Program ON "IMPORTANCE OF RESEARCH FOR ENGINEERING FACULTY"</b></p> <p><b>29th JUNE 2021</b></p>  <p>Organized by <b>Department of Electrical Engineering</b> PBR VISVODAYA INSTITUTE OF TECH &amp; SCIEN (Approved by AICTE, Affiliated to JNTUA, Accredited by NAAC 'A' Grade) Kavali, SPSR Nellore (Dt), A.P-524201, Phone No.: 08626-243930 <a href="http://www.visvodayata.ac.in">www.visvodayata.ac.in</a></p>	<p><b>ORGANIZING COMMITTEE</b></p> <p><b>Chief Patron:</b> Er. D. Vidyadhara Kumar Reddy Hon' Chairman</p> <p><b>Patrons:</b> Wg. Cdr I P C Reddi Hon' Director</p> <p><b>Dr. D. Prathyusha Reddi</b> Hon' Academic Director</p> <p><b>Chair Person:</b> Dr. B. Dattatreya Sharma Principal</p> <p><b>Advisor:</b> Dr. V. Madhusudhana Reddy Vice-Principal</p> <p><b>Convenor:</b> Mr. A. Bhaktha Vatsala Professor and HOD, Dep. of EEE Mobile: 9848651775 / 8985872077</p> <p><b>Co- Convenors:</b> Mr. V. Masthanaiah, Asst. Prof/EEE Mr. S. Muniraja, Asst. Prof/EEE</p> <p>FDP Organized Broucher-2021.jpg Type: JPG File Size: 168 KB Dimension: 752 x 566 pixels</p> <p>Mrs. Ch. Swapna, Asst. Prof /EEE Mr. P. Anil Kumar Reddy, Asst. Prof /EEE Mr. M. Venkatesh, Asst. Prof /EEE Mrs. S. Amala, Asst. Prof /EEE Mr. S. Aravind, Asst. Prof /EEE Mr. G. Haribabu, Asst. Prof /EEE</p>	<p><b>PROGRAMSCHEDULE:</b></p> <p><b>TOPIC:</b> "Importance of Research for Engineering Faculty"</p> <p><b>Date:</b> 29<sup>th</sup> June 2021 <b>Time:</b> 4 PM – 6 PM <b>Online Tool:</b> Google Meet</p> <p><b>Resource person:</b></p>  <p><b>Dr. V. Jamuna</b> Professor and Head in EEE Department, Dean-Research of Jerusalem College of Engineering, Chennai</p> <p><b>Registration Fee:</b> No Registration Fee E-Certificate will be provided to all.</p> <p><b>Registration Link:</b> <a href="https://urlzs.com/WdWpE">https://urlzs.com/WdWpE</a></p> <p><b>Join meeting with:</b> <a href="https://meet.google.com/gbg-etyd-wnf">https://meet.google.com/gbg-etyd-wnf</a></p> <p><b>WELCOME ALL</b> Yours A. Bhaktha Vatsala, Head EEE</p>
---	---	---

**Broucher**

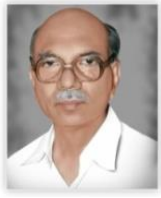
	<p><b>PARVATHAREDDY BABUL REDDY VISVODAYA INSTITUTE OF TECHNOLOGY AND SCIENCE :: KAVALI</b> (Affiliated to J.N.T.U.A, Approved by AICTE and Accredited by NAAC with 'A' Grade) KAVALI – 524201, S.P.S.R Nellore Dist., A.P. India. Ph: 08626-243930</p>		
<p><b>Department of Electrical and Electronics Engineering</b></p>			
			
<p><b>CERTIFICATE OF PARTICIPATION</b></p>			
<p>This is to certify that Dr./Mr./Mrs. <b>Aravind Samanu</b>, department of Electrical and Electronics Engineering from <b>PBR Visvodaya Institute of Technology and Science</b> has actively participated in a one day National Level online faculty development programme on "<b>Importance of Research for Engineering Faculty</b>" held on <b>29.06.2021</b> organized by department of Electrical and Electronics Engineering, <b>PBR Visvodaya Institute of Technology and Science</b>, Kavali, SPSR Nellore, Andhra Pradesh, INDIA.</p>			
 Dr. V. Madhusudhan Reddy Advisor & HOD, EEE	 Mr. S. Muni Raja Co - Convenor	 Prof. A. Bhaktha Vatsala Convenor	 Dr. B. Dattatreya Sarma Principal



**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 AND ELECTRONICS ENGINEERING**



**PARVATHAREDDY BABUL REDDY  
VISVODAYA INSTITUTE OF TECHNOLOGY AND SCIENCE :: KAVALI**

(Affiliated to J.N.T.U.A, Approved by AICTE and Accredited by NAAC with 'A' Grade)  
KAVALI – 524201, S.P.S.R Nellore Dist., A.P. India. Ph: 08626-243930



**Department of Electrical and Electronics Engineering**



**CERTIFICATE OF APPRECIATION**

As a Key Speaker in National level FDP Series

**Dr. V. JAMUNA**

For her phenomenal and worthy presentation on the topic “**Importance of Research for Engineering Faculty**” in National level FDP Series held on 29.06.2021 organized by department of Electrical and Electronics Engineering, **PBR Visvodaya Institute of Technology and Science**, Kavali, SPSR Nellore, Andhra Pradesh, INDIA.

Dr. V. Madhusudhan Reddy  
Advisor & HOD

Mr. S. Muni Raja  
Co - Convener

Prof. A. Bhaktha Vatsala  
Convener

Dr. B. Dattatreya Sarma  
Principal

Sd/-  
**Head of the Department**

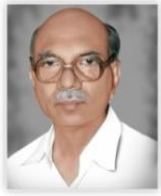




**PARVATHAREDDY BABUL REDDY**  
**VISVODAYA INSTITUTE OF TECHNOLOGY & SCIENCE**

(Affiliated to J.N.T.U.A, Approved by AICTE and Accredited by NAAC with 'A' Grade)

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



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**FDP- SUMMARY REPORT**

**Name of the FDP : Advances in UHV transmission and Distribution**

**Date(s) : 20-02-2020 to 24-02-2020**

**Resource Persons : Mr. K. Srinivas, Divisional Engineer, AP TRANSCO, Nellore  
Mr. I. Prabhakar Reddy,, Assoc.Prof, Narayana Engineering College,  
Nellore**

**Chief Guest invited : Dr. G. Marutheswara Rao, Professor , SV University, Thirupathi**

▪ **Topics Covered**

- Introduction to the development of Power Transmission.
- Recent advances in UHV power transmission systems; present status and future growth.
- Major Components of HV transmission systems, types of conductor configurations conductor accessories/clamps etc.
- Up-gradation of existing transmission lines

▪ **Participants :**

Total No. of Participants: 19  
( External-11, VITS staff-6, M.Tech students-2)

▪ **Feedback from Participants**

- ✓ All facilities are good.
- ✓ Concepts are well covered.
- ✓ Practical sessions are very much useful.

▪ **Recommendations for the coming events :**

- ❖ Event can be conducted for different fields.
- ❖ Practical session time is to be increased.
- ❖ Event can be conducted once in every year.



PARVATHAREDDY BABUL REDDY

VISVODAYA INSTITUTE OF TECHNOLOGY & SCIENCE

(Affiliated to J.N.T.U.A, Approved by AICTE and Accredited by NAAC with 'A' Grade)

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



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

FACULTY DEVELOPMENT PROGRAMME

CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Mrs./Miss \_\_\_\_\_  
\_\_\_\_\_ has attended a Faculty Development Programme (FDP) on  
“**Advances in UHV transmission and Distribution**” held from **20-02-2020 to**  
**24-02-2020** at PBR VITS, Kavali.

CONVENER

HOD

PRINCIPAL

### **ABOUT PBR VITS**

Parvathareddy Babul Reddy Visvodaya Institute of Technology & Science (PBR VITS) was established in 1998 and is situated at Kavali in Nellore Dist. of Andhra Pradesh on a sprawling campus of 25 acres. It is affiliated to JNTU Anantapur, Recognized by AICTE & Accredited by NAAC. It is an ISO 9001:2008 Certified. The college has well equipped laboratories, computing facilities & library to provide quality education to students. PBR VITS has established itself as one of the premier institutions in the state imparting technical education of a very high standard leading to U.G & P.G programs

### **ABOUT THE DEPARTMENT**

The Department of EEE established in 1998 offering B.Tech course with an intake of 120 students and M.Tech with specializations. PE ( intake of 18 ) .

The Dept. has qualified and experienced faculty and excellent infrastructural facilities. It is well equipped with laboratories, audio-visual facilities, software tools such as MultiSim, ModelSim, Lab View, HFSS, MAT LAB. The main vision of the Department is to provide high quality education to the student right from the beginning of the course. Department has conducted many national level seminars, Workshops & Guest Lectures.

### **About the Program:**

The FDP is formulated to enhance the knowledge of Advances in UHV transmission and Distribution.

### **Objectives:**

- To make the participants familiarize with Advances in UHV transmission and Distribution
- To enable the participants familiarize with Advances in UHV transmission and Distribution

### **Major Course Contents:**

- ❖ Introduction to the development of Power Transmission.
- ❖ Recent advances in UHV power transmission systems; present status and future growth.
- ❖ Major Components of HV transmission systems, types of conductor configurations conductor accessories/clamps etc.
- ❖ Up-gradation of existing transmission lines

### **Resource Persons:**

- ❖ Mr. K. Srinivas, Divisional Engineer, AP TRANSCO, Nellore
- ❖ Mr. I. Prabhakar Reddy,, Assoc.Prof, Narayana Engineering College, Nellore

### **Eligibility**

Faculty, Research Scholars, M.Tech Students from AICTE approved Colleges.

### **How to Apply:**

Applications in the prescribed Performance duly signed by the Head of the Institution/Organization should reach the Chief coordinator on or before 10-02-2020

### **Registration Fee:**

- Research scholar \ M.Tech students\ Faculty Rs:300/-
  - Industrial participant:Rs.500/-
- Registration fee should be paid at the venue through cash only**

### **REGISTRATION FORM**

### **FACULTY DEVELOPMENT PROGRAM (FDP) ON Advances in UHV transmission and Distribution 20-02-2020 to 24-02-2020**

1. Name of the Participant:
2. Designation :
3. Name of the Organization :
4. Address for Communication :
5. Mobile:
6. E-mail:

Signature of the Participant

### **SPONSORING AUTHORITY**

Mr./Mrs. \_\_\_\_\_  
employed as \_\_\_\_\_ in the  
college/ organization is sponsored to attend the  
workshop.

Place:

Date:



Signature of Sponsoring  
Authority with Seal

**Address for Correspondence:**

Convener,  
Faculty Development Program on Hybrid  
Electrical Vehicles  
Dept. of Electrical & Electronics Engineering,  
**PBR VISVODAYA INSTITUTE OF TECH. &  
SCIENCE**  
KAVALI-524 201

**E-mail: eepbrvits@gmail.com**

**Phone No.: 08626-243930**

**Mobile : 09848651775**

**Program Organization Committee:**

Mr. M. Giri Babu, Assoc. Prof., EEE  
Mr. M. Bhaskar, Asst. Prof., EEE  
Mr. M. Venkatesh, Asst. Prof., EEE  
Ms. I. Jessie Abhishitha, Asst. Prof., EEE  
Mr. P. Nanda Kumar , Asst. Prof., EEE  
Mr. S. Muni Raja, Asst. Prof., EEE  
Mr. Y. Vamsi Babu, Asst. Prof., EEE  
Mr. G. Suman, Asst. Prof., EEE  
Mr. K. Harsha Vardhan Reddy Asst. Prof., EEE  
Ms. V. Gowri Spandana, Asst. Prof., EEE

**Patrons:**

Dr. D.Prathyusha Reddy, Academic director

**Convener:**

Dr.V. Madhusudhana Reddy, Prof., EEE

**Coordinators**

Mr. A. Bhakthavachala, Assoc . Prof, EEE

Mr. V. Masthanaiah, Asst. Prof., EEE

**Advisory Committee:**

Dr. B. Pardhasaradhi Reddy, Prof., EEE

Mr. K. Manoj Siva Kumar, Assoc . Prof., EEE

\*\*\*\*\*

**FACULTY DEVELOPMENT  
PROGRAM  
ON**

**ADVANCES IN UHV TRANSMISSION  
AND DISTRIBUTION  
20-02-2020 to 24-02-2020**



*Organized by*

**DEPARTMENT OF EEE**

**PBR VISVODAYA INSTITUTE  
OF TECH. & SCIENCE**

Affiliated to JNTUA Anantapuramu,  
(Approved by AICTE & Accredited by NAAC)  
An ISO 9001:2008 Certified Institution  
KAVALI-524 201, Nellore(Dist.) -A.P.  
**Ph: 08626-243930, 09246428704**  
**Website: www.visvodayata.ac.in**  
**E-mail: eepbrvits@gmail.com**



Mr. K. Srinivas, Divisional Engineer, APTRANSCO, Nellore handling the session on Advances in UHV Transmission and Distribution and interacting with the participants.



Mr. I. Prabhakar Reddy, Professor, NEC, Nellore handling the session on Advances in UHV Transmission and Distribution and interacting with the participants.