

3.2.1.

Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge.

Letter of Appreciation

Dear Sir/Madam,

Please accept our sincere gratitude to all the chief functionaries and every members of the IIC Institution's Innovation Council (IIC) of Parvatha Reddy Babul Reddy Visvodaya for the continuous support and contribution towards building the innovation and entrepreneurship culture development in your campus and also extending support to help other IIC institutions towards growth of the IIC network during the academic year 2021-22.

Chief Functionaries of the IIC at Parvatha Reddy Babul Reddy Visvodaya, Spsr Nellore

Name	Position
Dr G Vijay Kumar	Vice President
Dr VV Sunil Kumar	Convener
Dr B Vamsee Mohan	Internship Activity Coordinator
A Suman Kumar Reddy	Member
Dr DSC Reddy	Social Media
K Chandra Sekhar	NIRF Coordinator
Dr BD Sarma	ARIIA Coordinator
Feridoz Khan Pathan	Start up Activity Coordinator
Dr V M S Reddy	Innovation Activity
Dr G Vijay Kumar	IPR Activity Coordinator
Dr VV Sunil Kumar	Member
Dr DSC Reddy	President

As we are progressing towards a 'quality' driven I&E ecosystem development, we strongly believe that the IIC model and its unique structure is definitely putting your HEI's thoughts, actions and aspirations in a systematic way to achieve inclusive and holistic development of the ecosystem.

Thank you & regards.

Yours Sincerely,

Dipan Kumar Sahu

A handwritten signature in blue ink that reads "DipanSahu". The signature is written in a cursive style with a horizontal line underneath the name.

Assistant Innovation Director
MoE's Innovation Cell, Govt. of India

PBR VISVODAYA INSTITUTE OF TECHNOLOGY & SCIENCE, KAVALI
(Autonomous)
Kavali

Entrepreneurship Development Cell

ACADEMIC YEAR: 2021-2022

EVENT REPORT

NAME OF THE EVENT	: Guest Lecture on 'Innovative Entrepreneurship'
DATE OF EVENT	: 25-03-2022
TIME	: 10:00 A.M. to 1:00 P.M
VENUE	: Conference Hall (Cotton Block)
PARTICIPANTS	: III & IV B. Tech. EEE students
EVENT CO-ORDINATOR	: Mrs. T.Nagalaxmi
RESOURCE PERSON	: Dr.S.Suja Nair, Professor, Vikramsimhapuri University,Nellore.

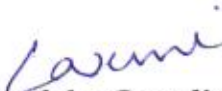
REPORT:


A guest lecture was organized by Entrepreneurship Development Cell on 25-03-2022 with the consideration to innovate our students about latest trends and development activities in "Innovative Entrepreneurship". To deliver the talk, Dr.S.Suja Nair, Professor, Vikramsimhapuri University Nellore has been invited. This program was organized for III & IV Year B.Tech. EEE students. About 147 students and 12 faculty members have attended this program.

Mr.Ravi Kumar, member of Entrepreneurship Development Cell has briefly introduced the Guest speaker to audience. Then he invited Dr.S.Suja Nair to deliver her speech. In her deliberation, Dr. S.Suja Nair has explained the importance of innovation in Entrepreneurship. She explained the about the conditions under which innovative entrepreneurship is taken up, traits and attitudes possessed by innovative entrepreneurs. In her speech, she also briefed that innovative entrepreneurs play an important role in the economic development of a country. She cited few examples how developed countries practice innovative entrepreneurship. Our students had a very informative and interactive session with Dr.S.Suja Nair, where they were motivated to select entrepreneurship as a career.

OUTCOMES:

1. Students came to know about importance of Innovation in entrepreneurship.
2. The lecture helped in understanding about external environmental conditions that lead to Innovative or Imitative entrepreneurship.


Signature of the Coordinator


Signature of the Convener

PBR VISVODAYA INSTITUTE OF TECHNOLOGY & SCIENCE, KAVALI

(Autonomous, Kavali)

Entrepreneurship Development Cell

ACADEMIC YEAR: 2021-2022

EVENT REPORT

NAME OF THE EVENT	: A Guest Lecture on 'Entrepreneurship Skill Development'
DATE OF EVENT	: 22-04-2022
TIME	: 10:00 A.M. to 1:00 P.M
VENUE	: Conference Hall (Cotton Block)
PARTICIPANTS	: MBA -II Year students
EVENT CO-ORDINATOR	: Mrs.T.Nagalaxmi
RESOURCE PERSON	: Dr. I.Nageaswara Rao, Professor, BVRIT , Hyderabad.

REPORT:


A guest lecture was organized by Entrepreneurship Development Cell on 22-04-2022 with the consideration to enrich our students about latest trends and development activities in "Entrepreneurship Skill Development". To deliver the talk, Dr. I.Nageaswara Rao, Professor, BVRIT , Hyderabad, has been invited. This program was organized for MBA II Year students. About 96 students and 8 faculty members have attended this program.

Mr. J.Sujitha, member of Entrepreneurship Development Cell has briefly introduced the Guest speaker to audience. Then she invited **Dr. I.Nageaswara Rao** to deliver his talk. In his deliberation, **Dr. I.Nageaswara Rao** briefed about the traits, qualities, technical skills and social skills to be possessed by an entrepreneur. He also informed that entrepreneurial skills can be developed by attending various training programmes. Our students had a very informative and interactive session with **Dr. I.Nageaswara Rao**, where they were motivated to select Entrepreneurship as a career.

OUTCOMES :

1. Students gained knowledge about Entrepreneurship development as the process of improving the skills and knowledge of entrepreneurs through various training and classroom programs.
2. It helped as the whole point of entrepreneurship development is to increase the number of entrepreneurs.

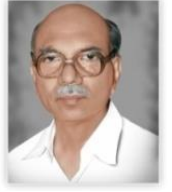

Signature of the Coordinator


Signature of the Convener



**P.B.R. VISVODAYA INSTITUTE OF TECHNOLOGY & SCIENCE
(AUTONOMOUS)**

(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



Online workshop on

"Intellectual Property Rights (IPR) - Patent and Design process"

Conducted on 06-01-2022

Speaker : Dr. Bharat N Suryawanshi,
*Deputy Controller of Patents & Designs, Central Government Patent Office,
Ministry of Commerce & Industry Government of India*
Mobile : 9892605892
E-mail: Bharatns.ipo@nic.in



Cisco Webex Meetings Meeting Info Hide Menu Bar ^

File Edit Share View Audio & Video Participant Meeting Help

01:51:46

Layout

Participants (176)

Search

VK v pavan kumar

VB v phani Bhushan

V v.lakshmi

VS Vallela Sivanagajyothi

VB vasavi Bollineni

VL vasu lallam

VP Venkata Sudeepthi Peruri

V venkatesh

VG Venkateswarlu Reddy Gunu...

VG Venu Gopal Ghantasala

SUMAN VITS Me

PVN Rajeswari

sunil Kumar vemula venk...

Abcd

RGNIIPM-Dr.Bharat N Suryawanshi

Unmute Start video Share

Participants Chat

Type here to search

25°C Haze 11:52 06-01-2022

Cisco Webex Meetings Meeting Info Hide Menu Bar ^

File Edit Share View Audio & Video Participant Meeting Help

01:49:38

Layout

Participants (190)

Search

SC Swapna CH

ST Swathi Thanniru

TD T.Dwarakanath

T T.Harshavardhan

T T.Spandana

TG Tanishka Gangineni

T tarun

T TULLURUBRAHMAIAH

UK uma k

US Uma Supraja

SUMAN VITS Me

RGNIIPM-Dr.Bharat N ... (1)

Abcd

Abhigna

Speaking: RGNIIPM-Dr.Bharat N Suryawanshi

Viewing RGNIIPM-Dr.Bharat...

Various forms

<http://www.ipindia.nic.in/form-and-fees.htm>

Online can be filed

<https://ipindiaonline.gov.in/epatentfiling/goForLogin/doLogin>

68

Unmute Start video Share

Participants Chat

Type here to search

25°C Haze 11:44 06-01-2022

Cisco Webex Meetings Meeting Info Hide Menu Bar

File Edit Share View Audio & Video Participant Meeting Help

Viewing RGNIIIPM-Dr.Bharat...

Speaking: RGNIIIPM-Dr.Bharat N Suryawanshi

Patent Grant Procedure

```

    graph TD
      A[Filing of Patent application] --> B[Digitization]
      B --> C[Screening & Classification]
      C --> D[Early Publication]
      C --> E[Publication after 18 months]
      D --> F[Request for examination within 48 M]
      E --> F
      F --> G[Allotment]
      G --> H[Examination in respective group 6x3]
      H --> I[Grant or Refusal]
      I --> J[Publication of Grant of Patent]
      I --> K[Pre Grant Opposition by Representation by any person]
      J --> L[Post Grant Opposition to Grant of Patent 1 year  
(Constitution of Opposition Board)]
      L --> M[Decision By Controller]
  
```

Participants (190)

SC Swapna CH

ST Swathi Thanniru

TD T. Dwarakanath

T T. Harshavardhan

T T. Spandana

TG Tanishka Gangineni

T tarun

T TULLURUBRAHMAIAH

UK uma k

US Uma Supraja

Unmute Start video Share

Type here to search 25°C Haze 11:46 06-01-2022

Cisco Webex Meetings Meeting Info Hide Menu Bar

File Edit Share View Audio & Video Participant Meeting Help

Viewing RGNIIIPM-Dr.Bharat...

Speaking: RGNIIIPM-Dr.Bharat N Suryawanshi

Minimum documents Required for filing

- Covering letter- indicating the list of documents;
- Application Form (Form 1)
- Proof of Right to Apply (Paragraph 9 of Form 1)
- Provisional or complete Specification (Form 2)
- Statement of Foreign Filing (Form 3)
- Declaration as to Inventorship (Form 5)
- Request for Examination (Form 18)
- Drawing's, if any
- Abstract of Invention
- Fees (cheque / DD)
- Send by Post or at counter or ONLINE
- Request for Early Publication (Form 9) - optional
- Power of Attorney, if Required (Form 26) - optional
- Certified Copy of Convention Application, if required, for conventional / PCT international application

Participants (192)

SV sunil Kumar vemula venkata

S SUREKHA

SB Surekha B

SC Swapna CH

ST Swathi Thanniru

TD T. Dwarakanath

T T. Harshavardhan

T T. Spandana

TG Tanishka Gangineni

T tarun

Unmute Start video Share

Type here to search 25°C Haze 11:42 06-01-2022

Cisco Webex Meetings Meeting Info Hide Menu Bar 01:24:15

File Edit Share View Audio & Video Participant Meeting Help

SUMAN VITS Me

RGNIIPM-Dr.Bharat N ...

Abcd

Layout

Participants (196)

Search

SV SUMAN VITS Me

RI RGNIIPM IPR TRAININ... Host

RGNIIPM-Dr.Bharat N S...

Abcd

Abhigna

Abhishek

adoninagendrababu

akarsh

Akhil

alekhya

Viewing RGNIIPM-Dr.Bharat...

airtel **Trademark or brand name** **Coca-Cola**

- Visual symbol which may be
- a word, name, symbol, brand, numerical or combination of colors
- to indicate the source of the goods
- to distinguish from the goods of the others.
- authenticity of goods

Reliance

amazon.in **Good Day** **Pears**

Start my video (Ctrl + Shift + V)

Unmute Start video Share

Participants Chat

Type here to search 25°C Haze 11:25 06-01-2022

Cisco Webex Meetings Meeting Info Hide Menu Bar 01:35:55

File Edit Share View Audio & Video Participant Meeting Help

Speaking: RGNIIPM-Dr.Bharat N Suryawanshi

INTELLECTUAL PROPERTY INDIA

Essential ingredients of Complete Specification

- Title and Preamble
- Object of the Invention
- Prior art
- Drawbacks in prior art
- Efforts or Solution to Drawbacks
- Summary Of the Invention
- Statement of invention
- Detail description of invention
- Detail description with reference to drawings
- Examples
- Claims

SUMAN VITS Me

Abcd

RGNIIPM-Dr.Bharat N ...

v phani Bhushan

Participants (198)

Search

ch.srividya

chandu

chittumuri gayathri

D DAMODARA REDDY

D Likhith Reddy

D Sirisha

D. bala madhu sudhan

D. Siva

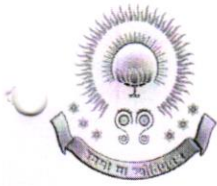
david

devika

Unmute Start video Share

Participants Chat

Type here to search 25°C Haze 11:36 06-01-2022



P.B.R. VISVODAYA INSTITUTE OF TECHNOLOGY & SCIENCE
(AUTONOMOUS)

(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 COMPUTER SCIENCE AND ENGINEERING

EVENT REPORT

Name of the Event : Guest Lecture on “Big Data”
Date : 09-12-2021
Time : 10:30 A.M. to 12:30 P.M
Venue : Online
Participants : III B. Tech. CSE Students
Event coordinator : Mr. K.Naveed Kumar Reddy
Name, Designation & Address of Resource person
: Mr. Rama Kumar, Practice Director, Edify Path.

OBJECTIVES :

- To understand the concepts of BIG Data.
- To create an awareness on BIG Data Applications.
- To know about latest technologies in Big Data.

REPORT :

A Guest lecture was organized by the department of CSE on “Big Data”. In this program 178 students and 3 faculty members have attended.

Mr. Rama Kumar spoke about basic concepts Big Data. Live examples were shown and explained. Latest technologies like NoSQL databases and IoT related concepts and their dependence on Big Data were discussed.

The following topics were covered in the lecture – Basic Concepts, Technologies involved and Applications.

OUTCOMES: Students were able to

- Understand concepts of Big Data.
- Identify various Applications of Big Data.
- Learn new technologies

Signature of the Faculty In-charge

Signature of the HOD

Head of Department
COMPUTER SCIENCE ENGINEERING
PBR Visvodaya Institute of Technology & Science
KAVALI - 524 201, SPSR, Nellore Dt.



**P.B.R. VISVODAYA INSTITUTE OF TECHNOLOGY & SCIENCE
(AUTONOMOUS)**

(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 COMPUTER SCIENCE AND ENGINEERING

PHOTOS

Name of the Event : Guest Lecture on “Big Data”
Date and Time : 09-12-2021 & 10:30 A.M. to 12:30 P.M
Venue : Online
Participants : III B. Tech. CSE Students
Name, Designation & Address of Resource person
: Mr.Rama Kumar, Practice Director, EdifyPath

The screenshot shows a Zoom meeting interface. The main content is a slide titled "Data to BigData" by EdifyPath. The slide features a diagram illustrating the evolution of data storage and analysis. At the bottom, there are icons for data storage types: GB (General Bytes), TB (Terabyte), and PB (Petabyte). Above these, there are icons for "Structured", "Semi-Structured", and "Unstructured" data. A curved arrow labeled "Predictive Analytics" points from the TB level towards the PB level. The diagram also shows various data sources like "Sales & Purchases", "CRM", "Web Apps", and "Social Media" feeding into the data flow.

The screenshot shows a Zoom meeting interface. The main content is a slide titled "Strategic Tech Trends for 2022 - Gartner" by EdifyPath. The slide displays a grid of 12 technology trends categorized into three dimensions: "People Centric", "Resilient Delivery", and "Location Independent". The trends include: Data Fabric, Cybersecurity Mesh, Privacy-Enhancing Computation, Cloud-Native Platforms, Composable Applications, Decision Intelligence, Hyperautomation, AI Engineering, Distributed Enterprise, Total Experience, Autonomous Systems, and Generative AI.

Rama Kumar
Head of Department
COMPUTER SCIENCE ENGINEERING
PBR Visvodaya Institute of Technology & Science
KAVALI - 524 201.SPSR, Nellore Dt.

Why BigData course at EdifyPath



o Course Features

- Industry Case study as Major Project
 - Training using Latest Software
 - Modular learning
 - Meet Industry Expectations
 - Focuses on Experiential Learning
 - Prebuild VM to practice
 - Introductory Modules for Beginners
- Real-time experience during learning
 - Ready to be deployed into a project
 - To ensure high interest
 - Exercises and Assignments based on real time scenarios
 - Learn through experiencing
 - Readymade Practice environment can be used on local system
 - Fresher's needs addressed before starting the course

Technologies Impacted



Cloud



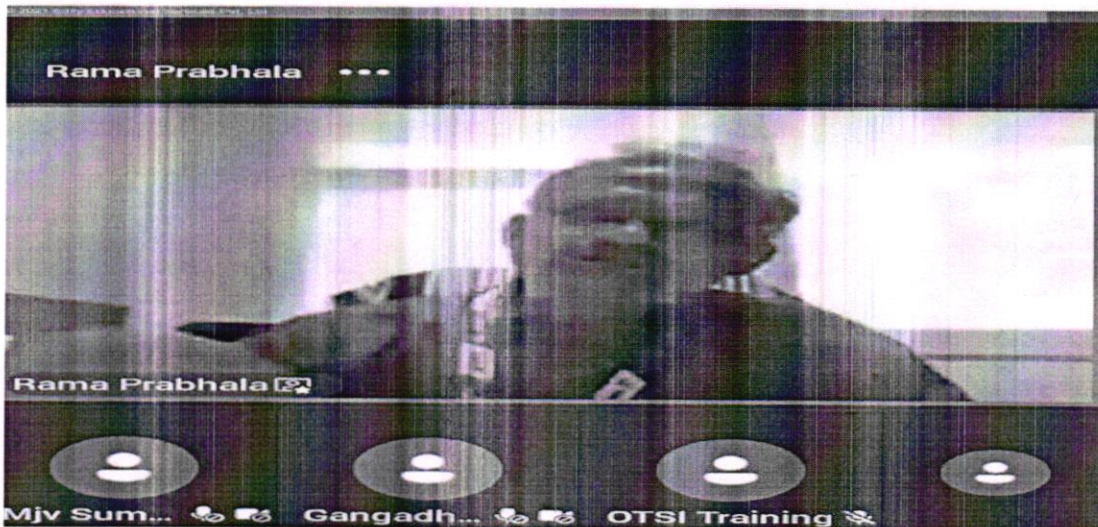
Security



Artificial Intelligence



User Experience





**P.B.R. VISVODAYA INSTITUTE OF TECHNOLOGY & SCIENCE
(AUTONOMOUS)**

(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 COMPUTER SCIENCE AND ENGINEERING

EVENT REPORT

Name of the Event : Workshop on “Google Cloud Applications”
Date : 13-12-2021 to 14-12-2021
Time : 09:30 A.M. to 16:30 P.M
Venue : C-Block 303
Participants : IV B. Tech. CSE Students
Event coordinator : Mr. Naveed Kumar
Name, Designation & Address of Resource person
: Mr. Mahesh Kumar, Tech Lead, Tech. Mahindra.

OBJECTIVES :

- To understand the concepts of Cloud.
- To create an awareness on cloud Applications.
- To be able to deploy simple applications on Google Cloud.

REPORT :

A Workshop was organized by the department of CSE on “Google Cloud Applications”. In this program 93 students and 12 faculty members have attended.

Mr. Mahesh Kumar spoke about basic concepts Cloud and Data storage. Live examples were shown and explained. Latest technologies like different Azure and Apache were also introduced. Students were able to deploy a simple application on the Google cloud.

The following topics were covered in the lecture – Basic Concepts, Technologies involved and Applications. Deployment of simple applications on Google cloud

OUTCOMES: Students were able to

- Understand concepts of Cloud.
- Able to identify various Applications and their cons and pros.
- Able to deploy Applications on Google cloud

Signature of the Faculty In-charge

Signature of the HOD

Head of Department
COMPUTER SCIENCE ENGINEERING
P.B.R. Visvodaya Institute of Technology & Science
KAVALI - 524 201, S.P.S.R. Nellore Dt.



P.B.R. VISVODAYA INSTITUTE OF TECHNOLOGY & SCIENCE
(AUTONOMOUS)

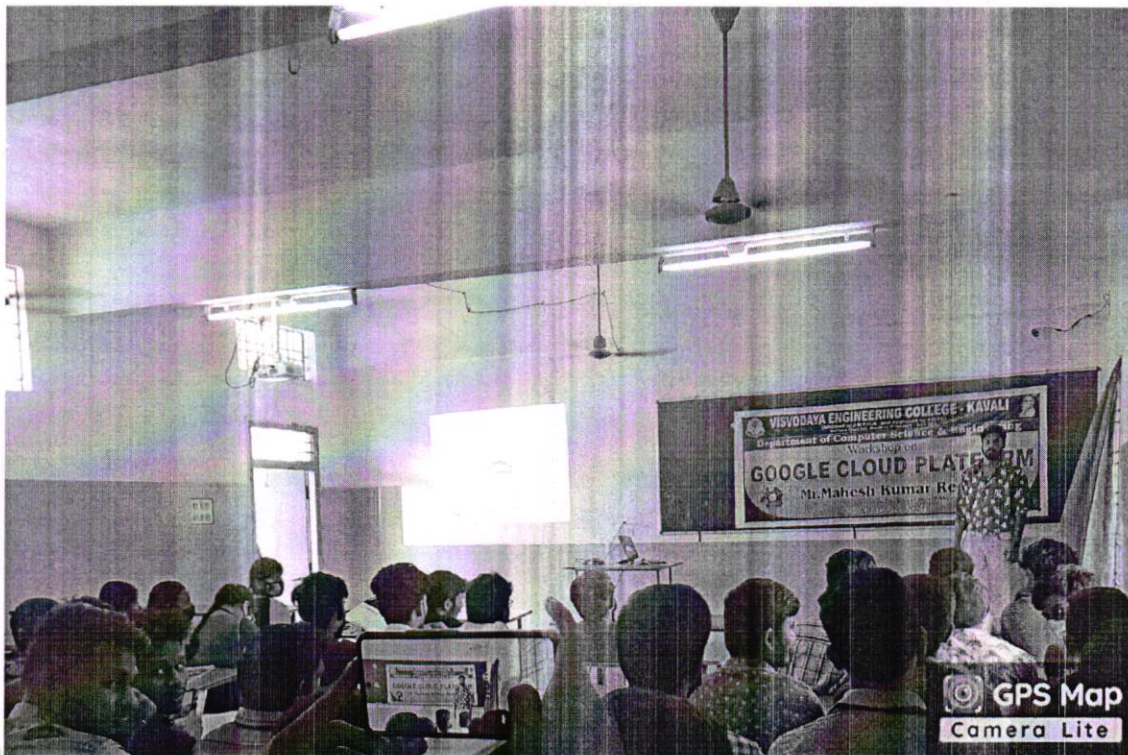
(Affiliated to J.N.T.U.A, Approved by AICTE and Accredited by NAAC)
KAVALI – 524201, S.P.S.R Nellore Dist., A.P. India. Ph: 08626-243930



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

PHOTOS

Name of the Event : Guest Lecture on “Google Cloud Applications”
Date and Time : 13-12-2021 & 14-12-2021 10:30 A.M. to 12:30 P.M
Venue : PBR VITS
Participants : IV B. Tech. CSE Students
Name, Designation & Address of Resource person : Mr. Mahesh Kumar Reddy,
Technical Lead in Tech Mahindra.



WX7M+278, Vaddi Palem, Kavali, Andhra Pradesh 524201,
India

Latitude
14.91265066433698°

Longitude
79.98353225179017°

Local 02:04:14 PM
GMT 08:34:14 AM

Altitude -62 meters
Tuesday, 14-12-2021

Head of Department
COMPUTER SCIENCE ENGINEERING
PBR Visvodaya Institute of Technology & Science
KAVALI - 524 201.SPSR. Nellore Dt.



GPS Map
Camera Lite

WX7M+278, Vaddi Palem, Kavali, Andhra Pradesh 524201,
India

Latitude
14.912647604942322°

Longitude
79.98353912495077°

Local 02:04:17 PM
GMT 08:34:17 AM

Altitude -62 meters
Tuesday, 14-12-2021



GPS Map
Camera Lite

WX7M+278, Vaddi Palem, Kavali, Andhra Pradesh 524201,
India

Latitude

14.912588261067867°

Longitude

79.98350291512907°

Local 02:04:23 PM

GMT 08:34:23 AM

Altitude -63 meters

Tuesday, 14-12-2021



**P.B.R. VISVODAYA INSTITUTE OF TECHNOLOGY & SCIENCE
(AUTONOMOUS)**

(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 COMPUTER SCIENCE AND ENGINEERING

EVENT REPORT

Name of the Event : Workshop on “Amazon Webservices”
Date : 20-12-2021 to 24-12-2021
Time : 09:30 A.M. to 16:30 P.M
Venue : C-Block 303
Participants : IV B. Tech. CSE Students
Event coordinator : Mr. Naveed Kumar
Name, Designation & Address of Resource person
: Trainers, APSSDC Vijayawada.

OBJECTIVES :

- To understand the concepts of Cloud.
- To create an awareness on cloud Applications.
- To be able to deploy simple applications on Amazon Web Server.

REPORT :

A Workshop was organized by the department of CSE on “Amazon Web Services ”. In this program 72 students and 2 faculty members have attended.

The Trainers spoke about basic concepts Cloud and Data storage. Live examples were shown and explained. Latest technologies like different Azure and Apache were also introduced. Students were able to deploy a simple application on the Amazon cloud.

The following topics were covered in the lecture – Basic Concepts, Technologies involved and Applications. Deployment of simple applications on Amazon cloud

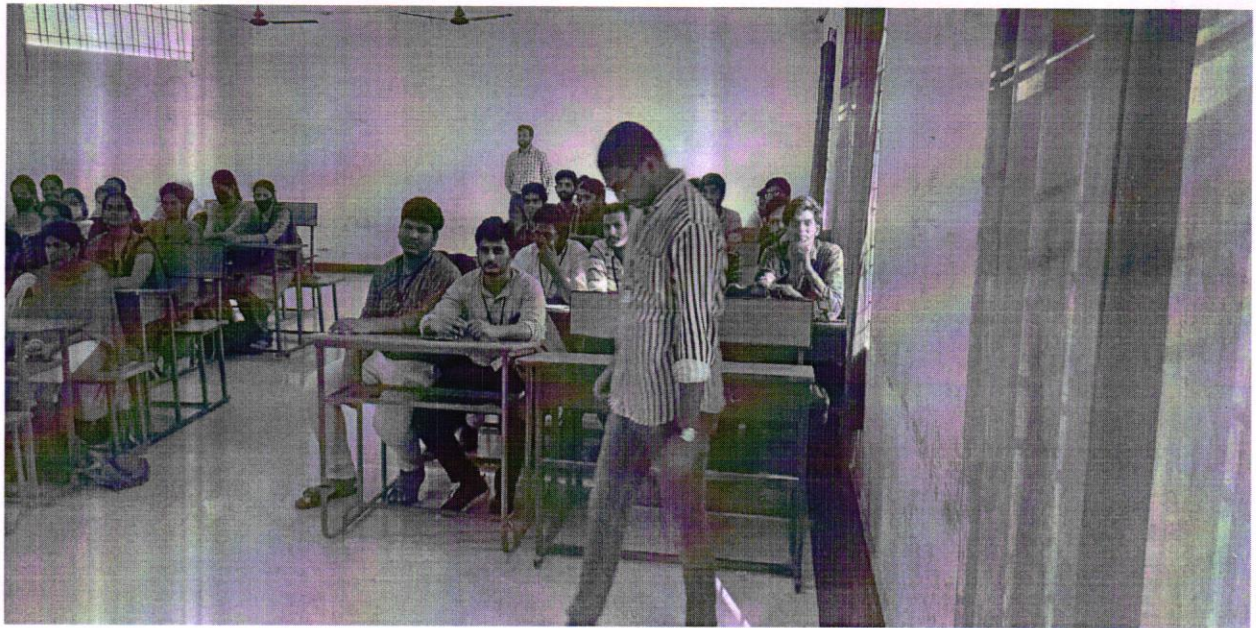
OUTCOMES: Students were able to

- Understand concepts of Cloud.
- Able to identify various Applications and their cons and pros.
- Able to deploy Applications on Google cloud

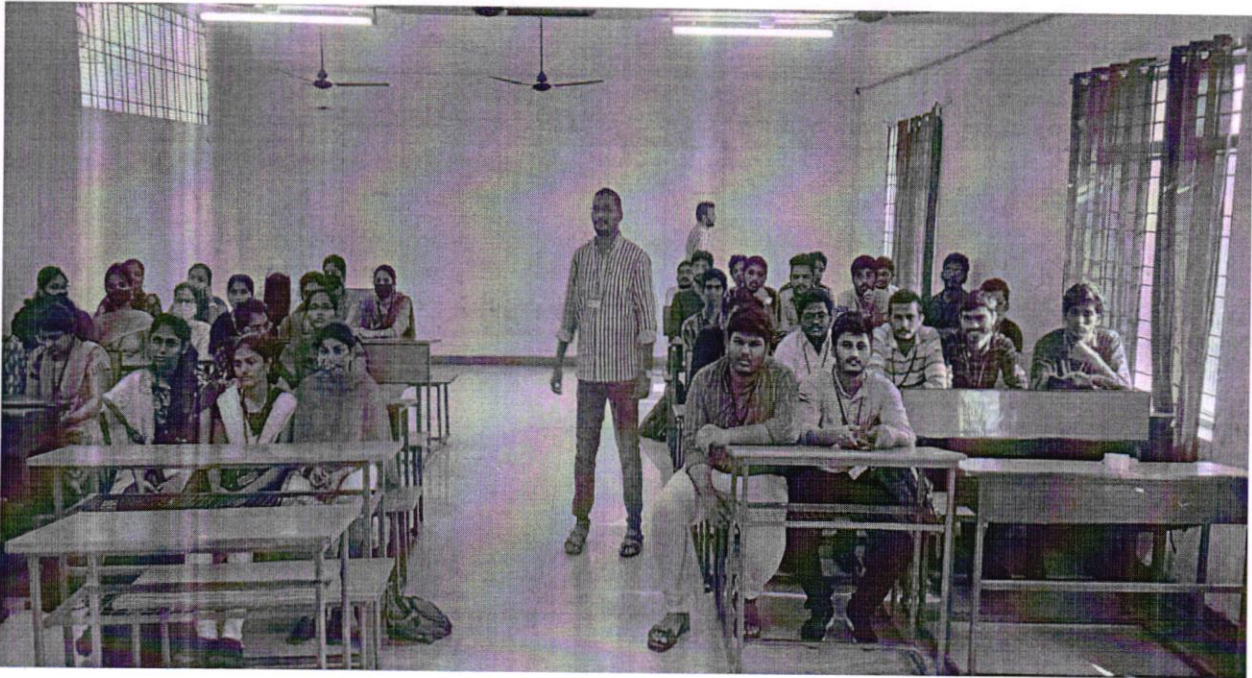
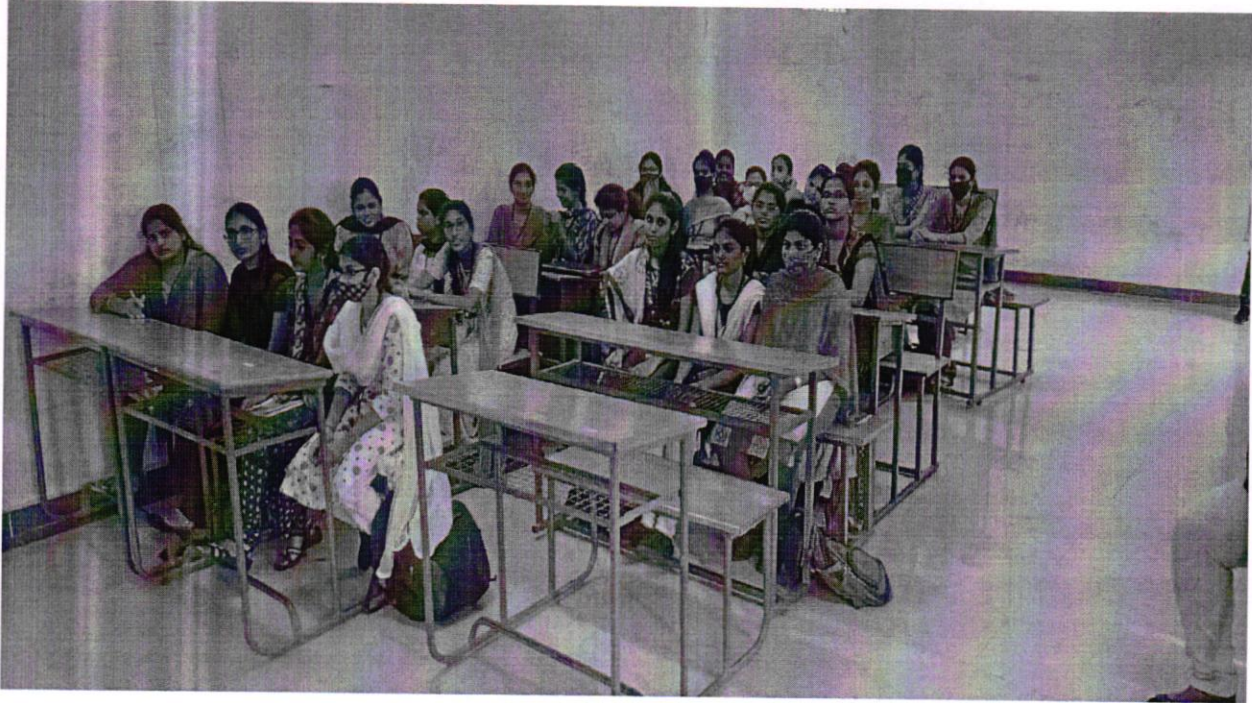
Signature of the Faculty In-charge

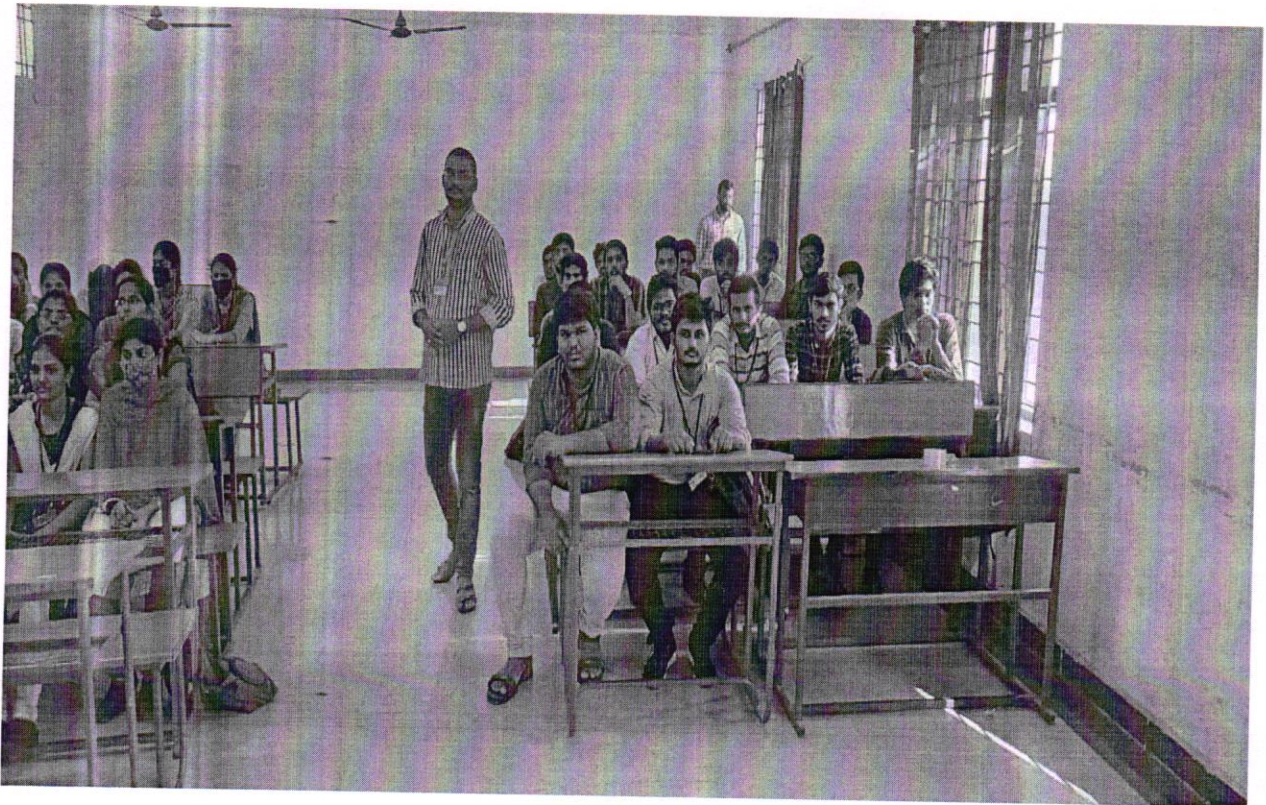
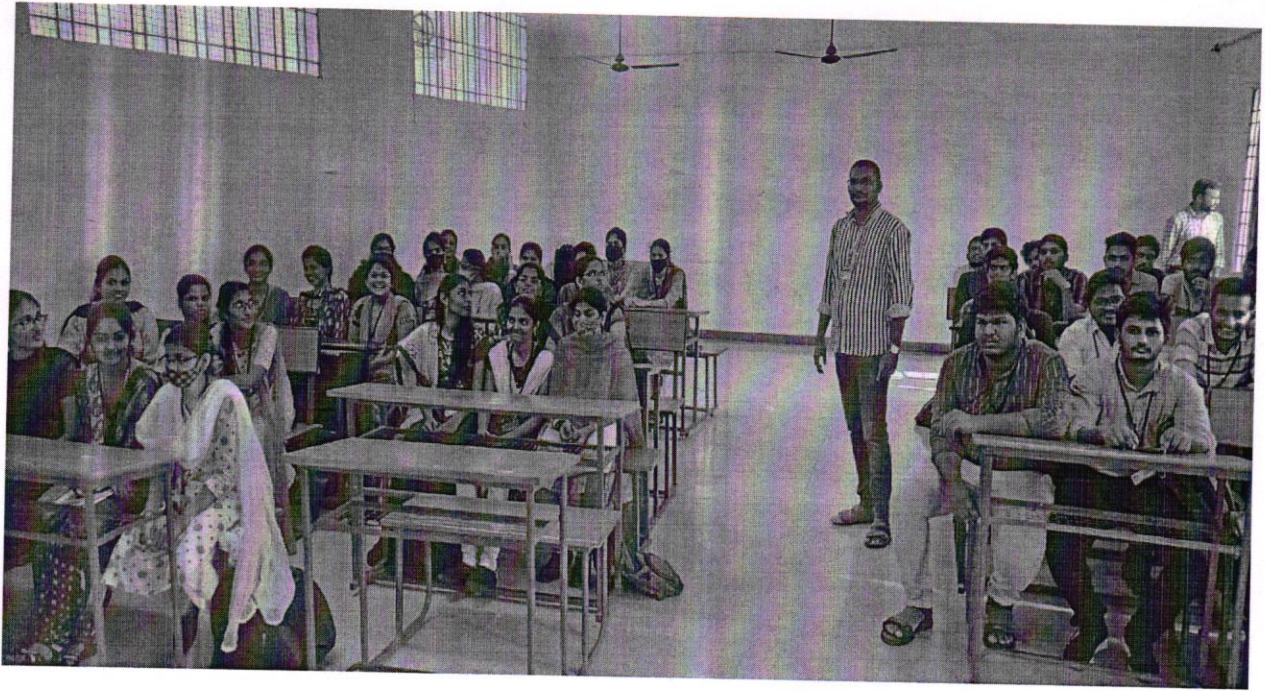
Signature of the HOD

Head of Department
COMPUTER SCIENCE ENGINEERING
P.B.R. Visvodaya Institute of Technology & Science
KAVALI - 524 201, S.P.S.R. Nellore Dt.



Handwritten signature in blue ink.







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 ELECTRONICS AND COMMUNICATION ENGINEERING

Data analysis using python workshop –Report

DEPARTMENT : ECE
EVENT : Data analysis using python workshop
PARTICIPANTS : II B.Tech ECE Students
RESOURCE PERSONS : P.SINDHUJA & K.MANGATAYARU, N.RAVIKUMAR
APSSDC, VIJAYAWADA
DATE'S : 7.3.2022 to 12.3.2022
TIME : 8.45 AM to 5.00 PM

OBJECTIVES:

- Discover how to work with lists and sequence data.
- Learn core Python scripting elements such as variables and flow control structures

REPORT: The Python scripting course organized by the Department of ECE, in this program 203 students were attended, the trainers has given hands-on session about Python scripting

OUTCOMES:

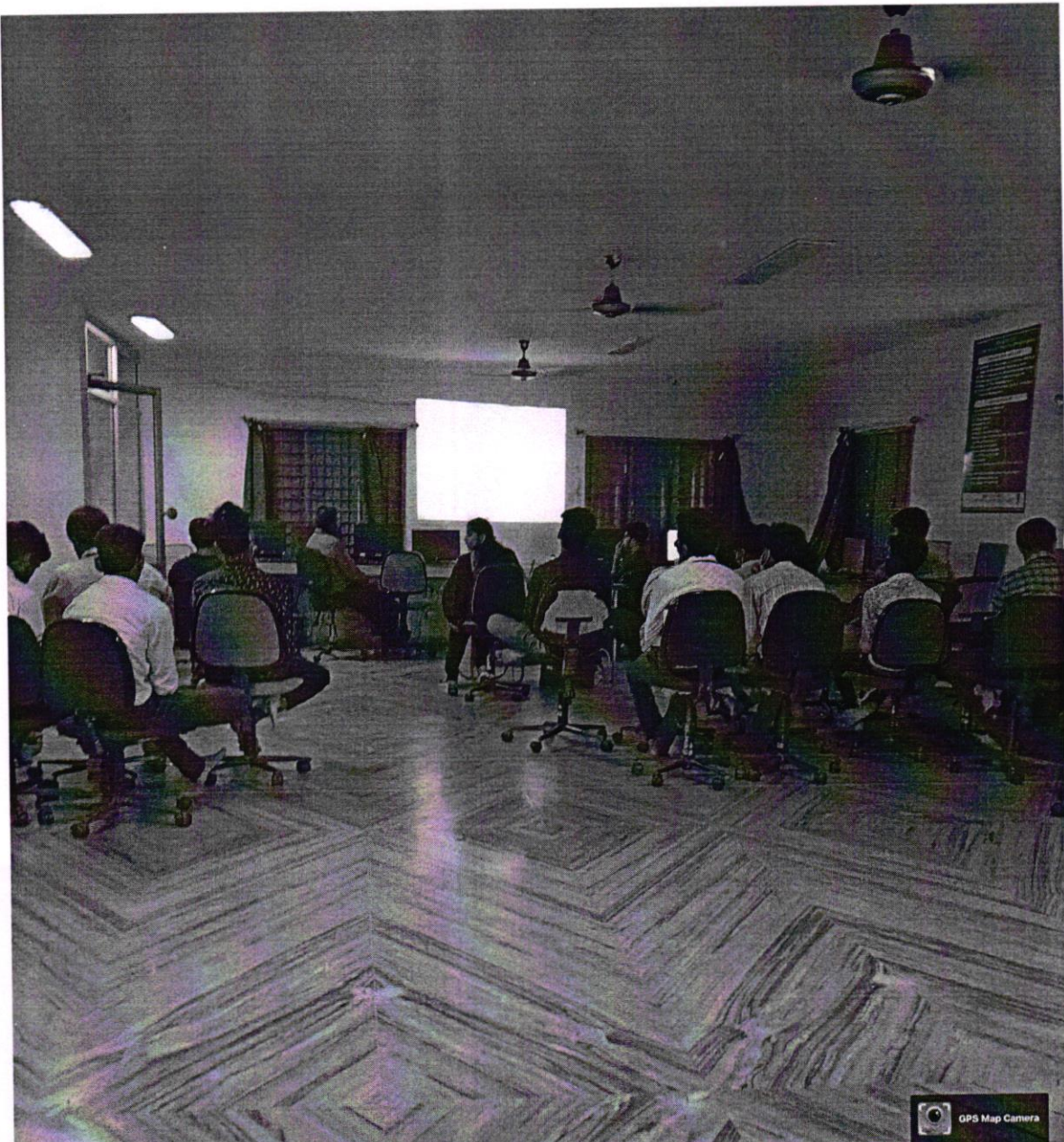
Students were able to develop

- To understand why Python is a useful scripting language for developers.
- To learn how to design and program Python applications.
- To learn how to use lists, tuples, and dictionaries in Python programs.
- To learn how to identify Python object types.


In charge


HEAD OF THE DEPARTMENT

Head of the Department (ECE)
Parvathareddy Babul Reddy
Visvodaya Institute of Technology and Science
(AUTONOMOUS)
KAVALI - 524 201, S.P.S.R Nellore Dist., A.P.



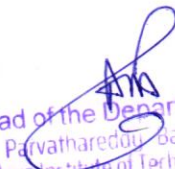
GPS Map Camera



Kavali, Andhra Pradesh, India
WX7M+6F9, Vaddi Palem, Kavali, Andhra Pradesh 524201,
India
Lat 14.91338°
Long 79.983619°
11/03/22 02:19 PM

Head of the Department (ECE)
Aravathareddy Babul Reddy
Visvodaya Institute of Technology and Science
(AUTONOMOUS)
KAVALI 524 201, S.P.S.R. Nellore Dist., A. P.

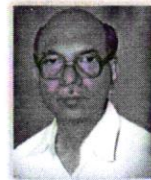



Head of the Department (ECE)
Parvathareddy Babul Reddy
Visvodaya Institute of Technology and Science
(AUTONOMOUS)
KAVALI 524 201, S.P.S.R. Nellore Dist., A.P



**P.B.R. VISVODAYA INSTITUTE OF TECHNOLOGY & SCIENCE
(AUTONOMOUS)**

(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 ELECTRONICS AND COMMUNICATION ENGINEERING

Guest Lecture - REPORT

DEPARTMENT : ECE
EVENT : Guest Lecture
PARTICIPANTS : IV B. Tech. ECE Students
TITLE OF PROGRAMME : **Embedded Vision in IOT**
RESOURCE PERSON : Mr.K Maheswara Rao
Manager, VECTOR INDIA, Bangaluru.
DATES : 09-04-2022
TIME : 10:30 A.M. to 12:30 P.M

OBJECTIVES:

- To introduce and create awareness in Embedded techniques with IOT

REPORT:

The guest lecture was organized by the department of ECE on “**Embedded Vision in IOT**”. In this program 126 students and 03 faculty members were attended. Mr. K Maheswara Rao, talked on embedded techniques and IOT features etc.

OUTCOMES:

Students were able to

- Create their own hobbist projects.
- Write programs in embedded C.
- Implement different projects in microcontroller IC’s like Raspberry Pi etc.
- Emulate their projects in different aurdino compatible boards.

FACULTY IN CHARGE

HEAD OF THE DEPARTMENT

(Signature)
Head of the Department (ECE)
Parvathareddy Babul Reddy
Visvodaya Institute of Technology and Science
(AUTONOMOUS)
KAVALI 524 201, S.P.S.R. Nellore Dist., A.P



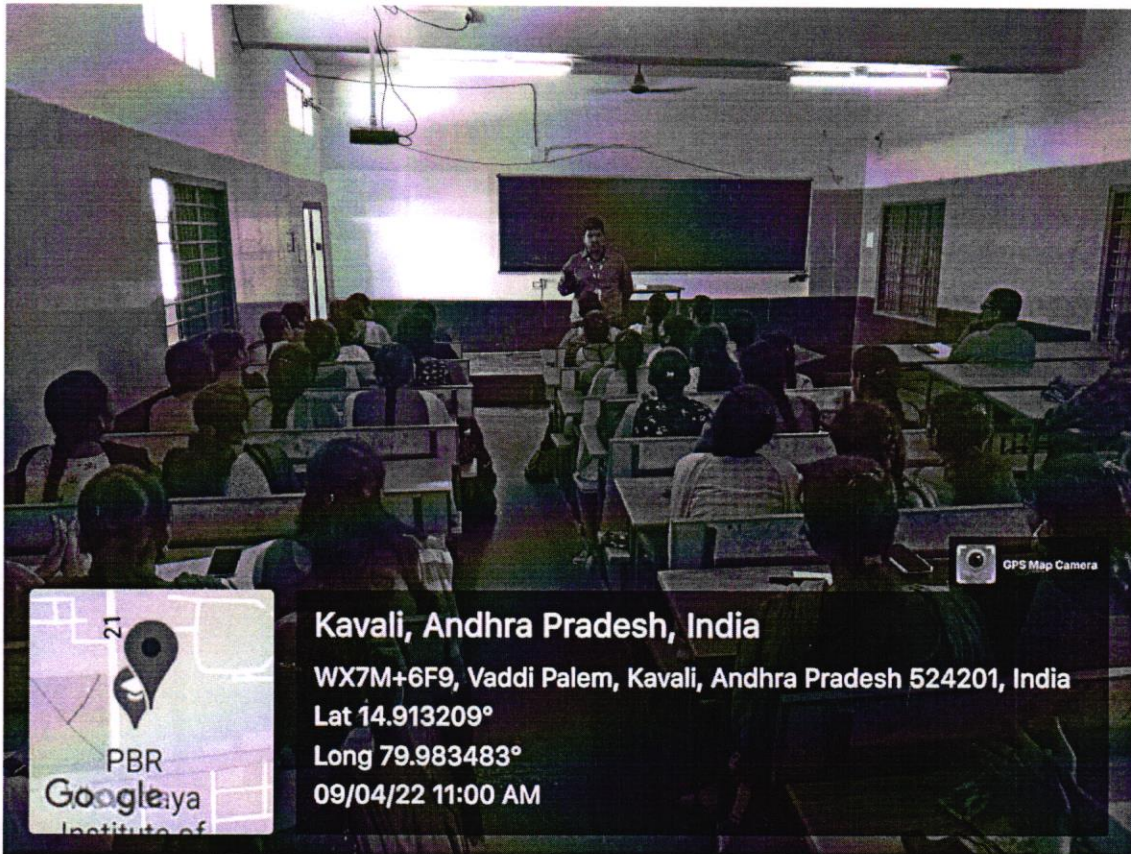
**P.B.R. VISVODAYA INSTITUTE OF TECHNOLOGY & SCIENCE
(AUTONOMOUS)**

(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 ELECTRONICS AND COMMUNICATION ENGINEERING

GALLERY



AMS
Head of the Department (ECE)
Parvathareddy Babul Reddy
Visvodaya Institute of Technology and Science
(AUTONOMOUS)
KAVALI 524 201, S.P.S.R. Nellore Dist., A.P.



**P.B.R. VISVODAYA INSTITUTE OF TECHNOLOGY & SCIENCE
(AUTONOMOUS)**

(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 ELECTRONICS AND COMMUNICATION ENGINEERING

Design, Development and Application of L-Band wind Profiler RADARS –Report

DEPARTMENT : ECE
PARTICIPANTS : III B.Tech ECE Students
RESOURCE PERSONS : Prof.S.Narayana reddy,Principal,SVU College of Engg.Thirupathi
DATE'S : 21.04.2022

OBJECTIVES:

- Principles of operation of various blocks of Radar systems and Radar Range equation.
- Functions of various blocks of Radar receivers and detection of Radar signals in noise.
- Principles and working of phased array antennas and their application to radar systems


REPORT: The Seminar organized by the Department of ECE, in this program

234 students were attended; the trainer has given hands-on session about RADAR analysis.

OUTCOMES: Students were able to

- Analyze the statistical parameters of Noise and Radar cross section of targets
- Distinguish the fixed and moving targets using different types of radar systems
- Explain various techniques employed in radar receivers for detection of signals in noise.
- Observe the variation in parameters of radar system by the estimation of noise & noise temperature
- Identify the different types of display devices & duplexers


In charge


HEAD OF THE DEPARTMENT
Head of the Department (ECE)
Parvathareddy Babu reddy
Visvodaya Institute of Technology and Science
(AUTONOMOUS)
KAVALI 524 201, S.P.S.R. Nellore Dist., A.P

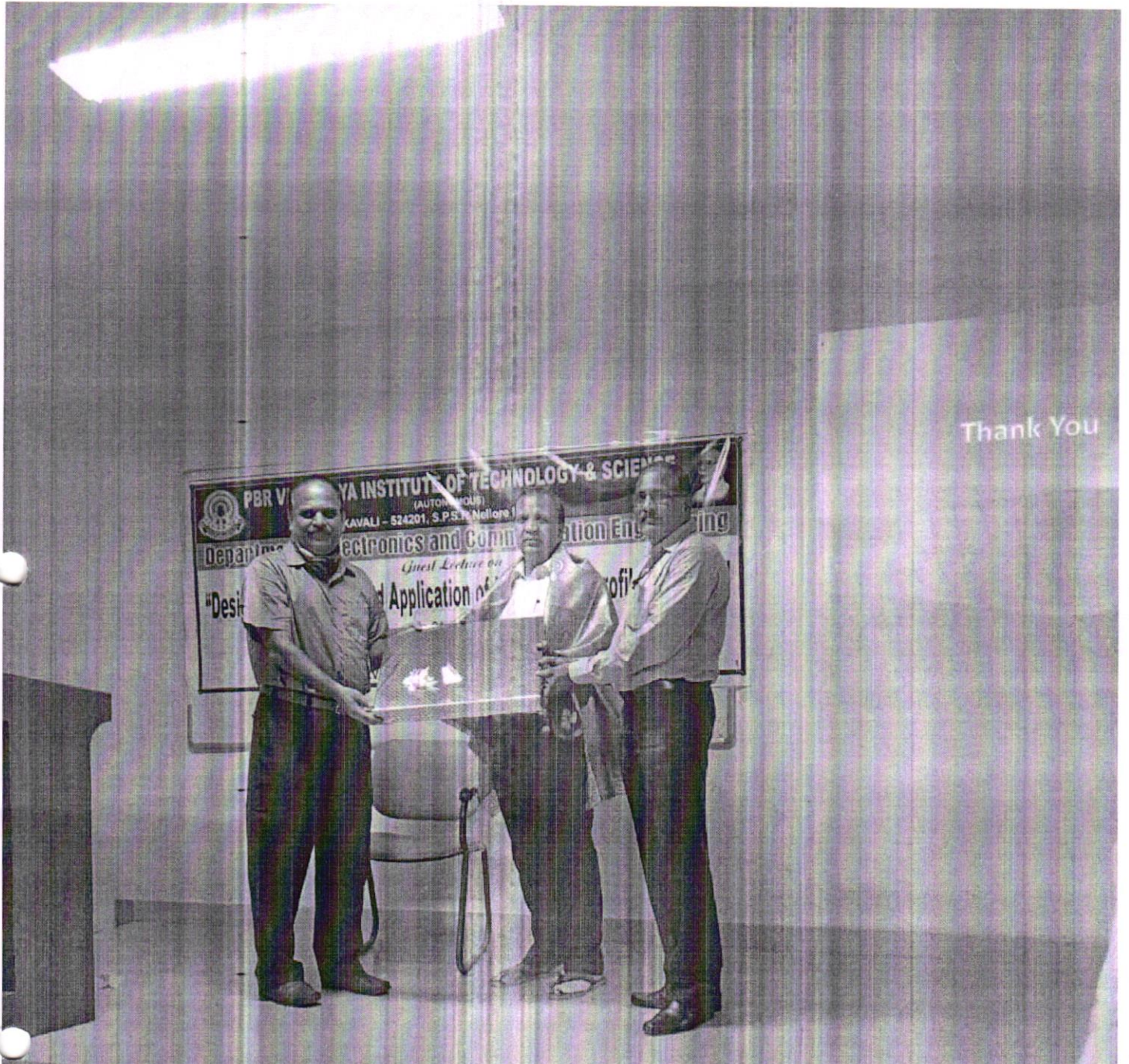


GPS Map Camera



Kavali, Andhra Pradesh, India
WX7M+278, Vaddi Palem, Kavali, Andhra Pradesh 524201, India
Lat 14.912699°
Long 79.983187°
21/04/22 03:28 PM

Head of the Department (ECE)
Parvathireddy Sathul Reddy
Visvodaya Institute of Technology and Science
(AUTONOMOUS)
KAVALI - 524 201, S.P.S.R. Nellore Dist., A.P

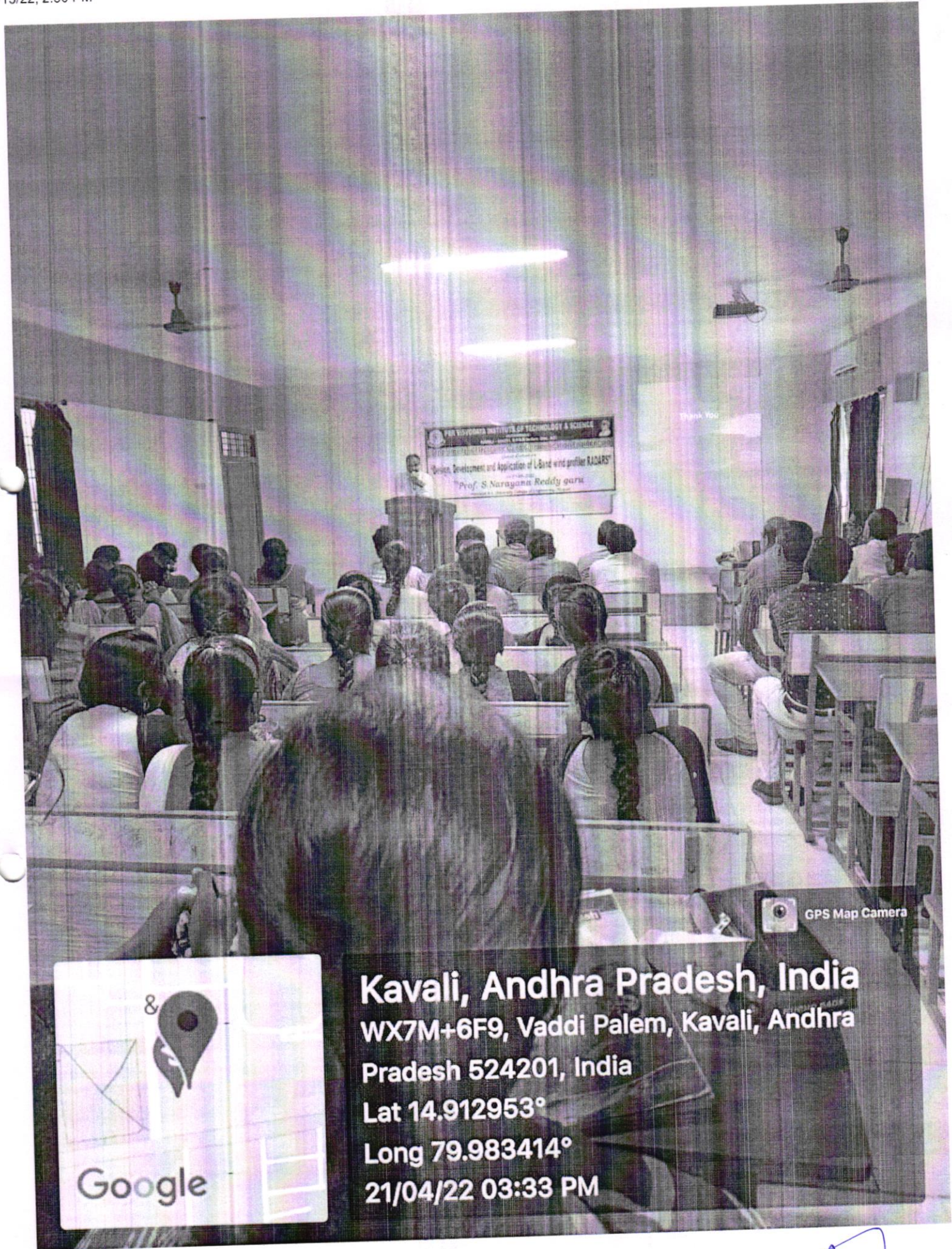


Thank You



Kavali, Andhra Pradesh, India
 WX7M+278, Vaddi Palem, Kavali, Andhra Pradesh 524201, India
 Lat 14.912943°
 Long 79.983352°
 21/04/22 03:33 PM

Head of the Department (ECE)
 Parvatharaddi Reddy
 Visvodaya Institute of Technology and Science
 (AUTONOMOUS)
 KAVALI 524 201, S.P. S.R. Nellore Dist., A. P.



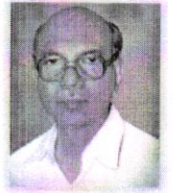
Kavali, Andhra Pradesh, India
 WX7M+6F9, Vaddi Palem, Kavali, Andhra
 Pradesh 524201, India
 Lat 14.912953°
 Long 79.983414°
 21/04/22 03:33 PM

Head of the Department (ECE)
 Parvatireddy Babu Reddy
 Visvodaya Institute of Technology and Science
 (AUTONOMOUS)
 KAVALI 524 201, S.P.S.R. Nellore Dist., A.P.



**P.B.R. VISVODAYA INSTITUTE OF TECHNOLOGY & SCIENCE
(AUTONOMOUS)**

(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 ELECTRONICS AND COMMUNICATION ENGINEERING

Artix7 series based FPGA Hardware realizations of Digital logic circuits –Report

DEPARTMENT : ECE
PARTICIPANTS : III B.Tech ECE Students
RESOURCE PERSON : Mr.K.Pradeep,Sr.Aplication Engineer,Apply volt tech,Hyderabad.
DATE'S : 06.05.2022

OBJECTIVES:

1. Familiarization of various complex programmable Logic devices of different families.
2. To study Field programmable gate arrays and realization techniques.
3. To study different case studies using one hot design methods.

REPORT: The Webinar organized by the Department of ECE, in this program

105 students were attended; the trainer has given hands-on session about Artix7 Processor.

OUTCOMES: Students were able to

1. Gain the knowledge about FPGA Design & architectures.
2. Understand different types of arrays.
3. Understand FSM and different FSM techniques like petrinets, and different case studies.
4. Know the programming technology of SRAM programmable FPGA's with their internal logic diagrams


In-charge

HEAD OF THE DEPARTMENT
Head of the Department (ECE)
Babu Reddy Babul Reddy
Visvodaya Institute of Technology and Science
(AUTONOMOUS)
KAVALI 524 201, S.P.S.R. Nellore Dist., A.P.



P.B.R. VISVODAYA INSTITUTE OF TECHNOLOGY & SCIENCE (AUTONOMOUS)

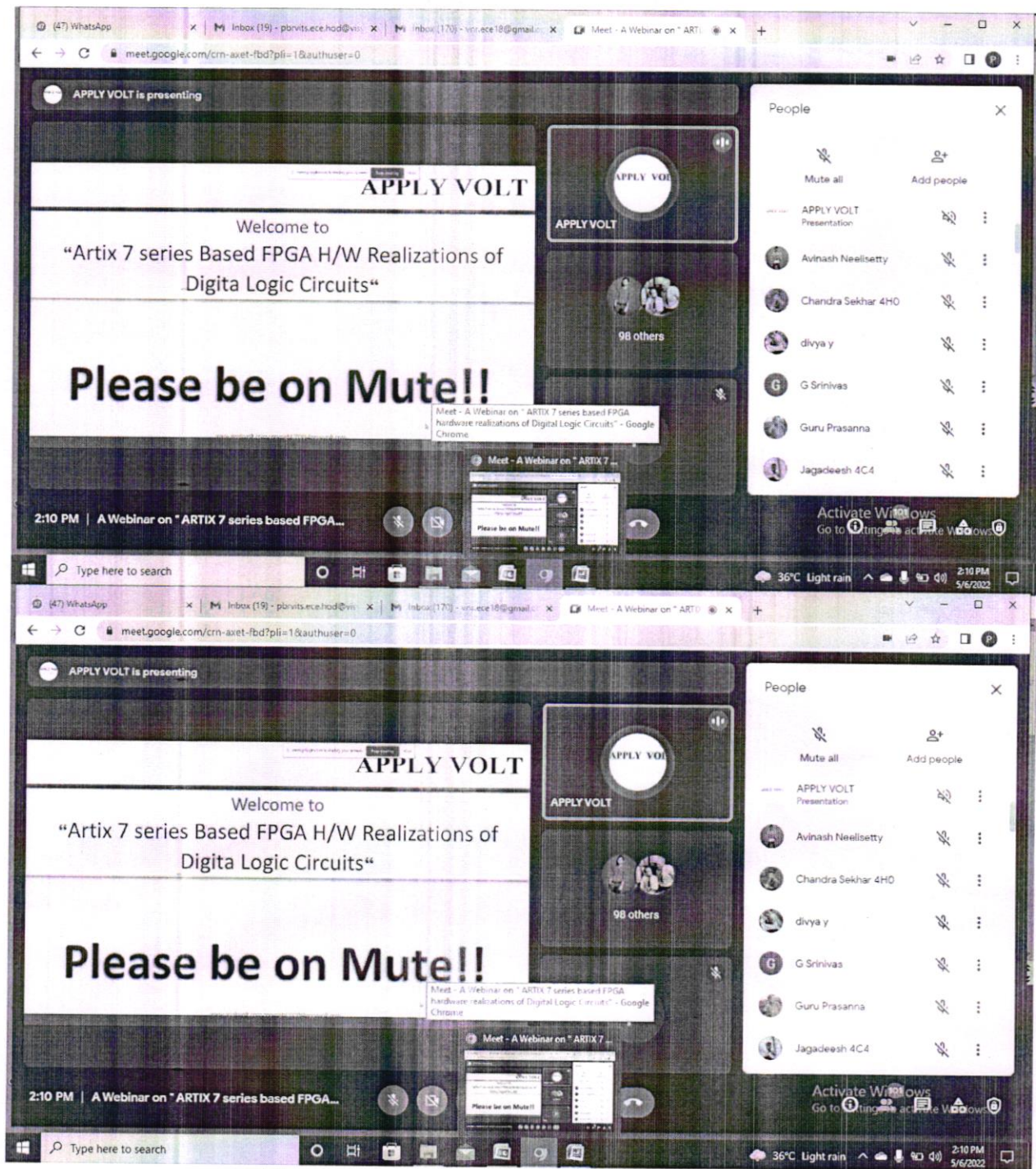
(Affiliated to J.N.T.U.A, Approved by AICTE and Accredited by NAAC)
KAVALI – 524201, S.P.S.R Nellore Dist., A.P. India. Ph: 08626-243930




DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

GALLERY

The gallery consists of three screenshots from a Google Meet webinar. The top two screenshots show a presentation slide with the following text: "PBR VISVODAYA INSTITUTE OF TECHNOLOGY AND SCIENCE KAVALI", "ELECTRONICS AND COMMUNICATION ENGINEERING Organizes A Webinar", "ARTIX 7 based FPGA hardware realizations of Digital Logic Circuits", and "By APPLY VOLT". The bottom screenshot shows a welcome message: "Welcome to 'Artix 7 series Based FPGA H/W Realizations of Digital Logic Circuits'", "Please be on Mute!!", and a list of participants: Avinash Neelisetty, Chandra Sekhar 4HO, divya y, G. Srinivas, Guru Prasanna, and Jagadeesh 4C4. The webinar title is "A Webinar on 'ARTIX 7 series based FPGA...'".




Head of the Department (ECE)
Parthareddy Babul Reddy
Visvodaya Institute of Technology and Science
(AUTONOMOUS)
KAVALI 524 201, S.P.S.R. Nellore Dist., A.P



**P.B.R. VISVODAYA INSTITUTE OF TECHNOLOGY & SCIENCE
(AUTONOMOUS)**

(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

EVENT REPORT

Name of the Event : Workshop on “Introduction of Micro Grid Protection & Numerical Protection Relay Testing”

Date(s) of conduction: 17-12-2021 to 19-12-2021

Time : 08:30 A.M. to 04:30 P.M

Venue : A011 & A012, MRR block

Participants : IV B. Tech. EEE Students

Event coordinator : Mr. M.Venkatesh

Name, Designation & Address of Resource person(s)

Mr. Shaik Ameenuddin,
Field Operation Department Manager,
ETCAM Electrical Solutions,
Nellore-524004.

OBJECTIVES :

- To motivate the students to know about the Micro Grid & their protection
- To introduce latest technology in Micro grid protection.
- To familiarize the students to understand about the Grid protection & Relay protection.

REPORT :

Department of Electrical & Electronics Engineering, PBR VITS has Organized a Workshop on “Introduction Of Micro Grid Protection & Numerical Protection Relay Testing” from 17-12-2021 to 19-12-2021 for IV B.Tech EEE Students. In this program, 66 students and 8 faculty members have attended. This workshop was inaugurated by A.Bakthavachala, HOD of EEE, who explains the introduction of Micro Grid Protection & Numerical Protection Relay Testing with reference to the present day scenario in his inaugural speech.

The following topics were covered in the workshop

1. Introduction to Micro Grid.
2. Various Protection Schemes.
3. Relay Testing.
4. Numerical Protection.

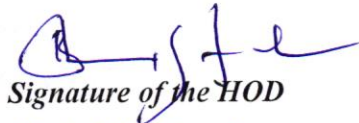
In the valedictory session, merit certificates are distributed to the students whose performance is excellent. Finally the Resource person was facilitated by the Principal, HOD and the event Coordinator.

OUTCOMES: Students were able to

- Know the structure of the Micro-Grid
- Protection Schemes on the generation side, Distribution Side and Transmission side.
- Testing of Relays for effective switch gear protection.



Signature of the Faculty In-charge

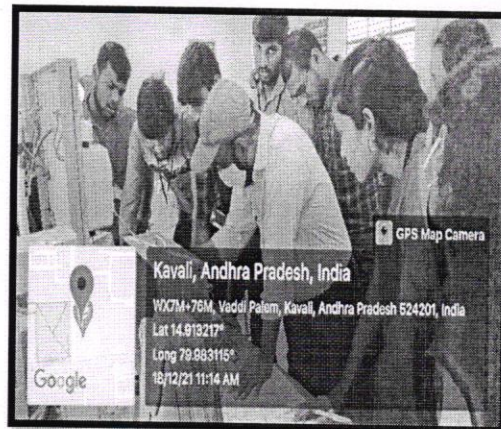
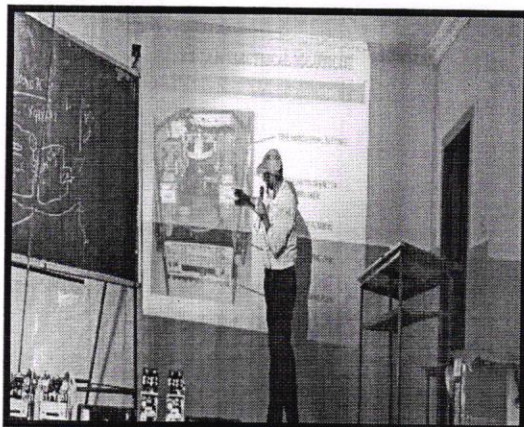
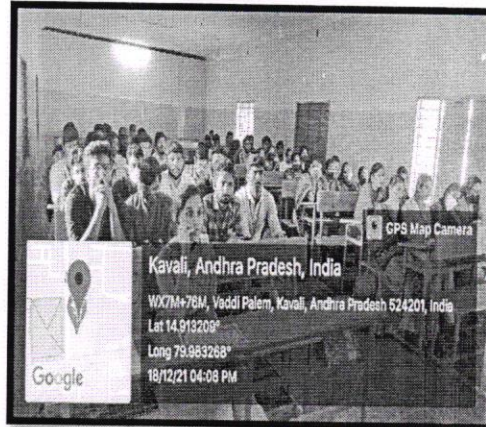
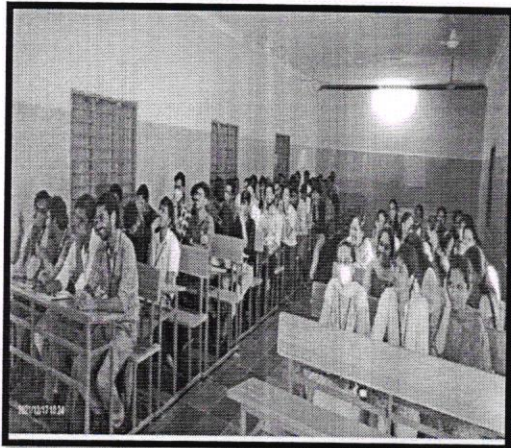
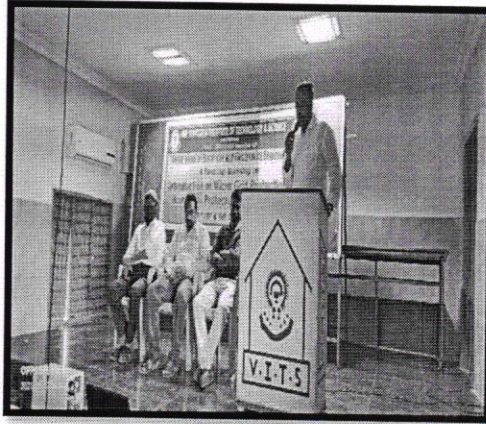
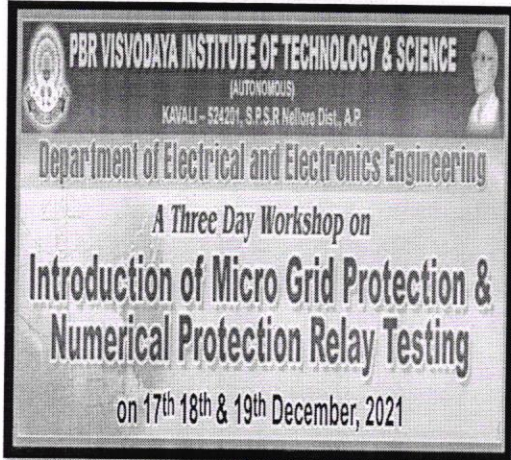


Head of Department

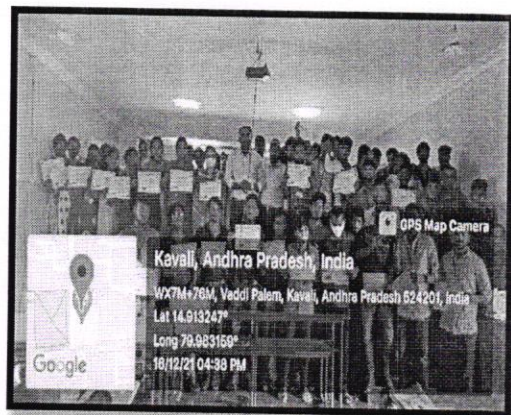
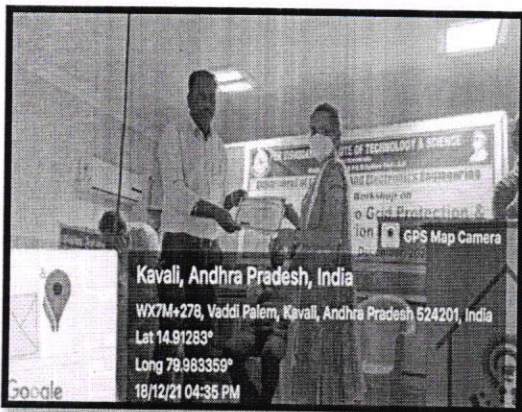
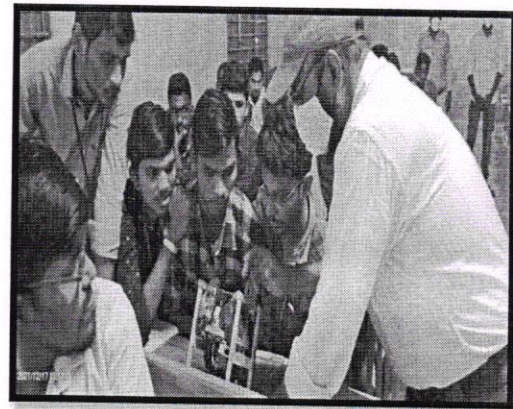
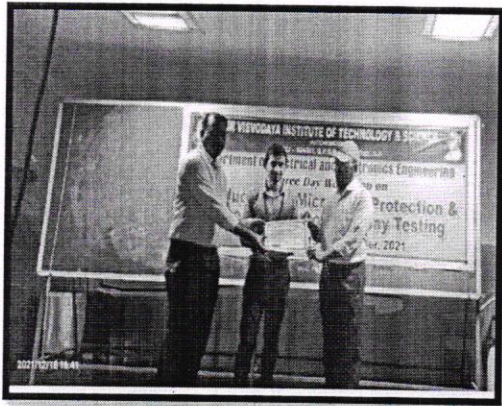
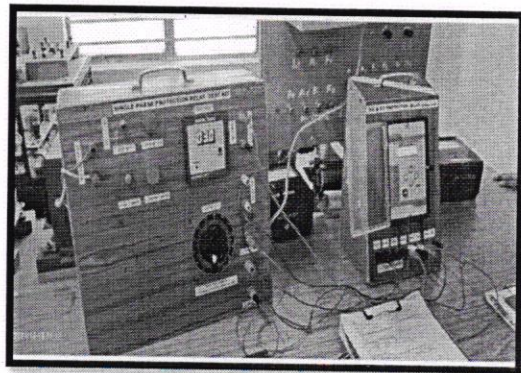
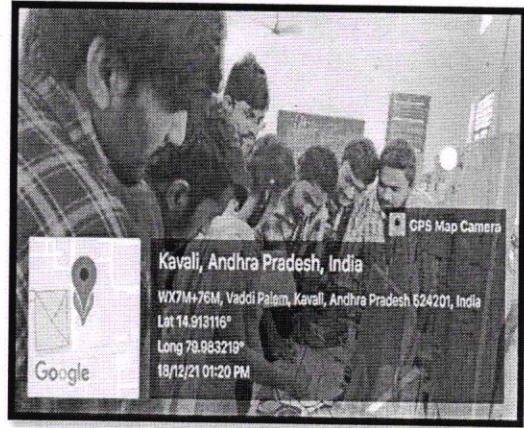
ELECTRICAL & ELECTRONICS ENGINEERING
PBR Visvodaya Institute of Technology & Science
KAVALI - 524 201, SPSR Nellore (Dt) A.P

PHOTOGRAPHS

A Three Day Workshop On "Introduction of Micro Grid and Numerical Protection Relay Testing and commissioning" by Dr. Sk. Ameenuddin, Field Operation Manager ETCAM, Nellore, Andhra Pradesh on 17/12/2021.




Head of Department
ELECTRICAL & ELECTRONICS ENGINEERING
PBR Visvodaya Institute of Technology & Science
KAVALI - 524 201, SPSR Nellore (Dt) A.P




 Head of Department
ELECTRICAL & ELECTRONICS ENGINEERING
 PBR Visvodaya Institute of Technology & Science
 KAVALI - 524 201, SPSR Nellore (Dt) A.P.

PBR VISVODAYA INSTITUTE OF TECHNOLOGY & SCIENCE, KAVALI
(Affiliated to J.N.T.U.A., Anantapuram and Approved by AICTE, New Delhi)
DEPARTMENT OF EEE

ACADEMIC YEAR: 2021-2022

EVENT REPORT

NAME OF THE EVENT : "Energy Conservation Concepts"
DATE OF EVENT : 04-03-2022
TIME : 10 am
VENUE : Conference Hall, Cotton Block, PBR VITS.
PARTICIPANTS : 46 (II EEE)
EVENT CO-ORDINATOR : G.SUMAN, II EEE Class Incharge
RESOURCE PERSON : Mr. S. V. Mahesh Babu

REPORT:

Department of Electrical Engineering PBR VITS has organized a guest lecture on "Energy Conservation Concepts" on 04-03-2022. The resource person from Executive Engineer, APTRANSCO, 400KV Substation, Kalikiri, Chittoor Dt.

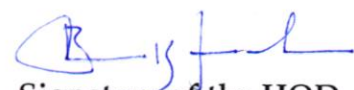
He shared his job experience and explained in detail about "Energy Conservation Concepts". Along with he also spoke on career perspective domains in electrical industries for the students.

Hod of EEE Mr. A. Bhakthavatsala introduced the speaker and Mr. S. Muni Raja, proposed the vote of thanks for the session. In all, 46 students and faculty of electrical attended the guest lecture.

OUTCOMES:

1. Students gained the knowledge about "Energy Conservation Concepts".
2. Students felt that, the role of each and every person "Energy Conservation Concepts" had a responsibility for future generation.
3. Faculty improved their teaching skills.

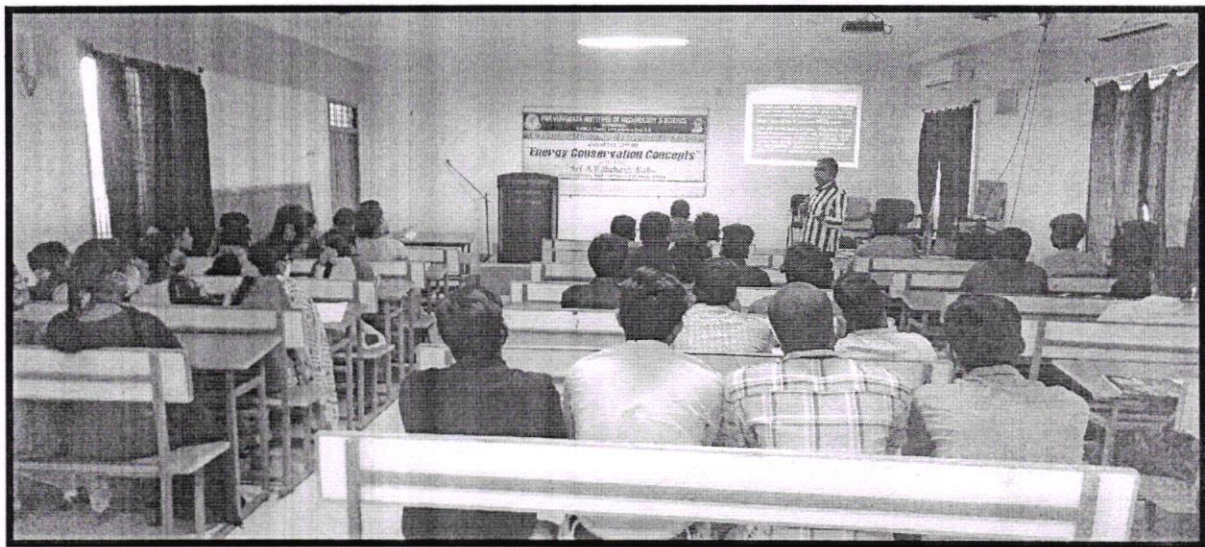

Signature of the Coordinator


Signature of the HOD

Head of Department
ELECTRICAL & ELECTRONICS ENGINEERING
PBR Visvodaya Institute of Technology & Science
KAVALI - 524 201, SPSR Nellore (Dt) A.P.

PHOTO GRAPHS

Guest lecture on “Energy Conservation Concepts” by Mr. S. V. Mahesh Babu, Executive Engineer, APTRANSCO, 400KV Substation, Kalikiri, Chittoor Dt.on 04-03-2022.



S. V. Mahesh Babu
Head of Department
ELECTRICAL & ELECTRONICS ENGINEERING
PBR Visvodaya Institute of Technology & Science
KAVALI - 524 201, SPSR Nellore (Dt) A.P



**P.B.R. VISVODAYA INSTITUTE OF TECHNOLOGY & SCIENCE
(AUTONOMOUS)**

(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

EVENT REPORT

Name of the Event : Workshop on “Application Development with PYTHON”

Date(s) of conduction: 14-03-2022 to 16-03-2022

Time : 08:30 A.M. to 04:30 P.M

Venue : A014, MRR Block, PBR VITS

Participants : II B. Tech. EEE Students

Event coordinator : Mr. G.SUMAN

Name, Designation & Address of Resource person(s)

**Mr.P.Hari prasadh ,
Technical Expert,
Dheeksha Technologies,
Nellore**

OBJECTIVES :

- To motivate the students to develop Python Programming applications
- 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 “**Application Development with PYTHON**” from **14-03-2022 to 16-03-2022** for II B.Tech EEE Students. In this program, 46 students and 4 faculty members have attended. This workshop was inaugurated by Mr. A.Bhakhavachala, HOD of EEE, who explains the need of “Python Programming Applications“ with reference to the present day scenario in his inaugural speech.

Dheeksha Technologies group was the resource person of this workshop. During sessions they introduced the present application development technologies and showed how to develop one application with the importance of the programming languages used to develop applications as per current software needs.


The following topics were covered in the workshop

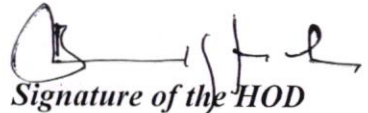
1. Basic concepts of software engineering and project management
2. Basic concepts of Databases
3. Python Programming
4. OOPS concepts,
5. Modules & Packages,
6. Working with data in Python
7. Strings
8. User defined functions
9. Built in functions
10. Classes
11. Objects
12. File handling

In the valedictory session, 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

- Application development with python
- To have good knowledge in python programming language
- develop the Understand the Python Programming applications


Signature of the Faculty In-charge


Signature of the HOD

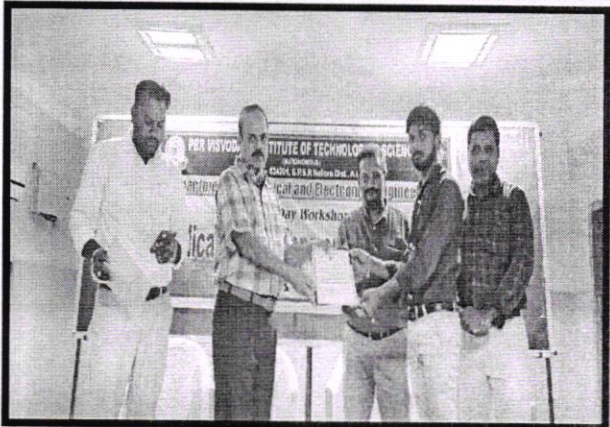
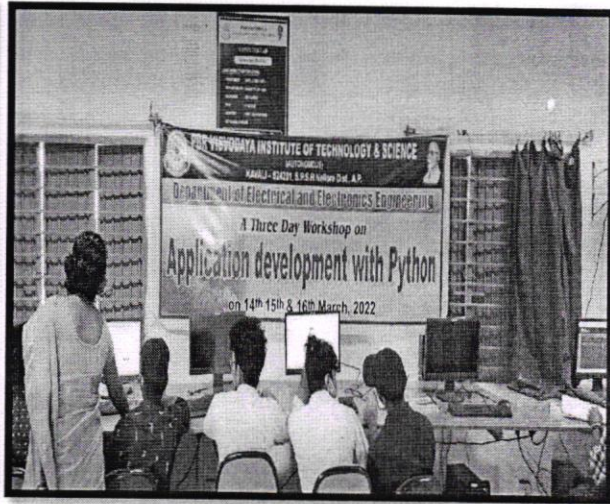
Head of Department
ELECTRICAL & ELECTRONICS ENGINEERING
R Visvodaya Institute of Technology & Science
AVALI - 524 301, SPSR Nellore (Dt) A.P.

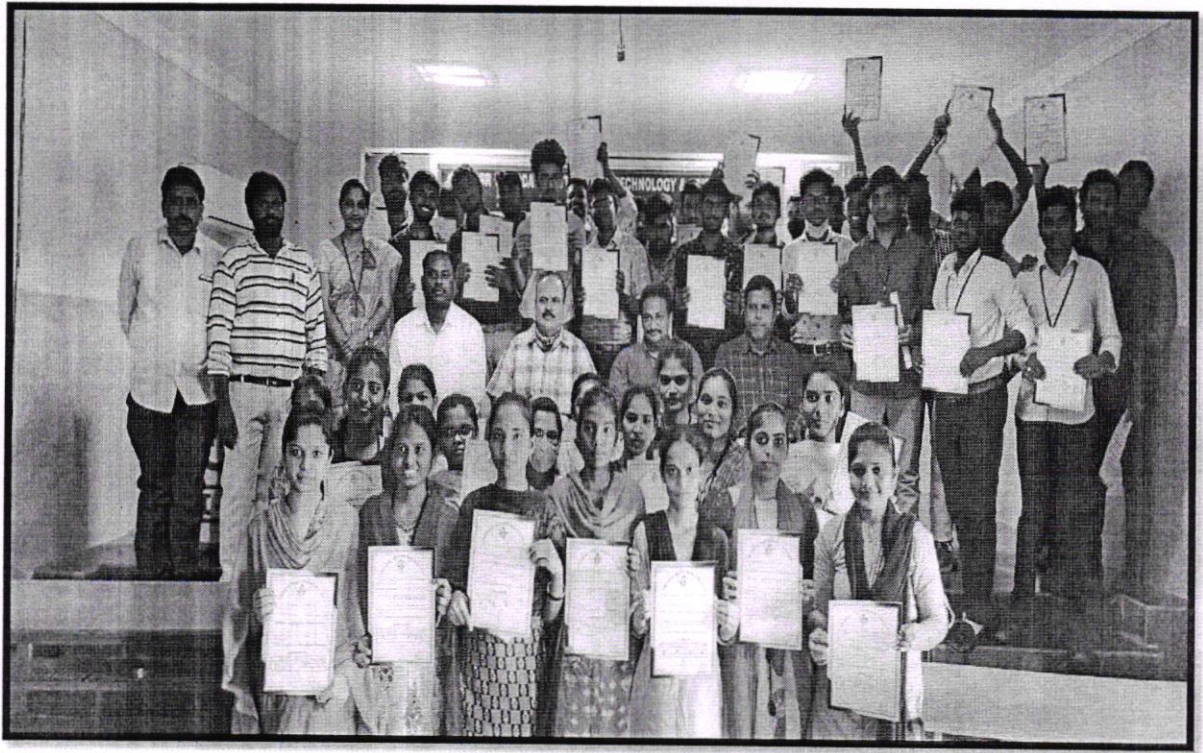
PBR VISVODAYA INSTITUTE OF TECHNOLOGY & SCIENCE, KAVALI
(Affiliated to J.N.T.U.A., Anantapuram and Approved by AICTE, New Delhi)
DEPARTMENT OF EEE

ACADEMIC YEAR: 2021-2022

PHOTO GRAPHS

Work shop on “Application Development with PYTHON” by Mr.P.Hari prasadh ,
Technical Expert, Dheeksha Technologies,Nellore. Dt. on 14-03-2022 to 16-03-2022.





HEAD OF THE DEPARTMENT

Head of Department

ELECTRICAL & ELECTRONICS ENGINEERING
PBR Visvodaya Institute of Technology & Science
KAVALI - 524 201, SPSR Nellore (Dt) A.P



**P.B.R. VISVODAYA INSTITUTE OF TECHNOLOGY & SCIENCE
(AUTONOMOUS)**

(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 MECHANICAL ENGINEERING

GUEST LECTURE – REPORT

DEPARTMENT : ME
EVENT : Guest Lecture
PARTICIPANTS : III & IV B. Tech. ME Students
TITLE OF PROGRAMME : “Design of Experiments and optimization”
RESOURCE PERSON : **Dr. K. Venkata Rao**
Professor in Department of Mechanical Engineering,
Vignan University,
Guntur.
DATE : 30-11-2021
TIME : 10:00 A.M. to 12:30 P.M

REPORT:

A Guest lecture was organized by the department of ME on “**Design of Experiments and optimization**” In this program 138 students and 12 faculty members were attended **Dr. K. Venkata Rao** taught on design of experimentations and different optimization tools used ,to obtain the solution ,and also explained the techniques Such as Taguchi Method, Annova Technique. he also different areas on which we concentrate while conducting the experiment.

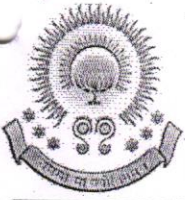
OUTCOMES:

Students were able to

- Description about cutting parameters
- Explained the usage of different optimization tools,

B. K. Rao
FACULTY IN CHARGE

B. K. Rao
Head of the Department
Head of Department
MECHANICAL ENGINEERING
P.B.R. Visvodaya Institute of Technology & Science



P.B.R. VISVODAYA INSTITUTE OF TECHNOLOGY & SCIENCE
(AUTONOMOUS)

(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

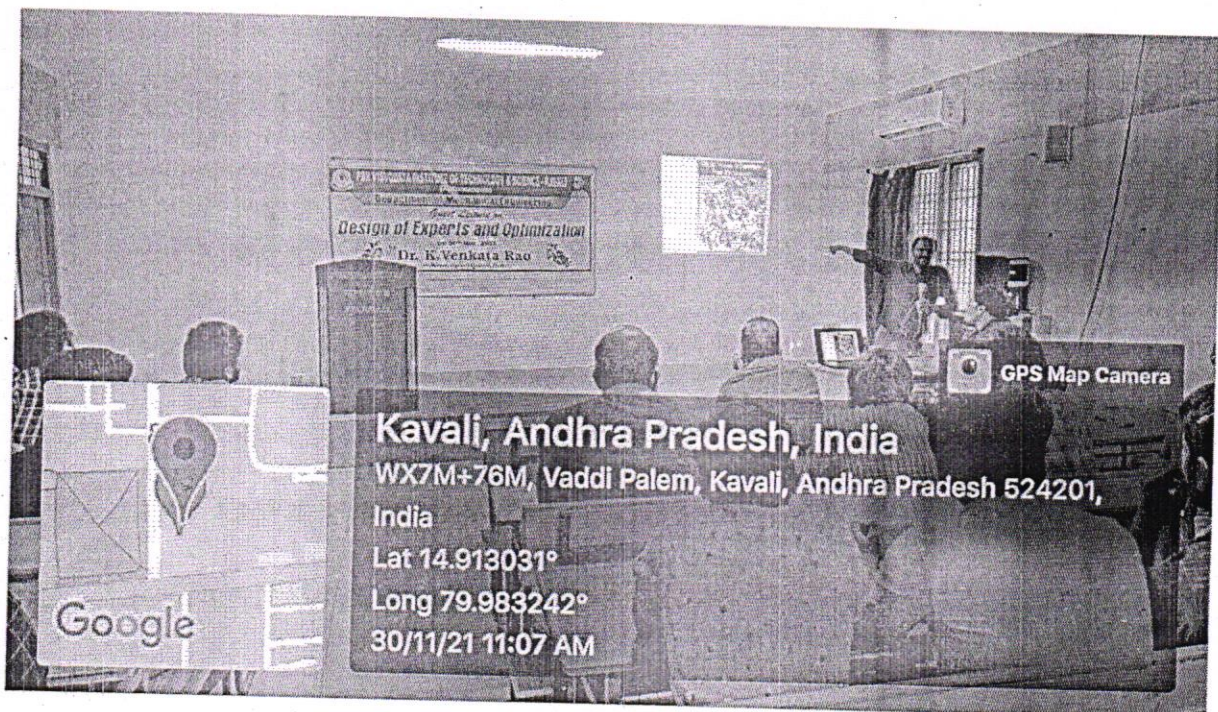
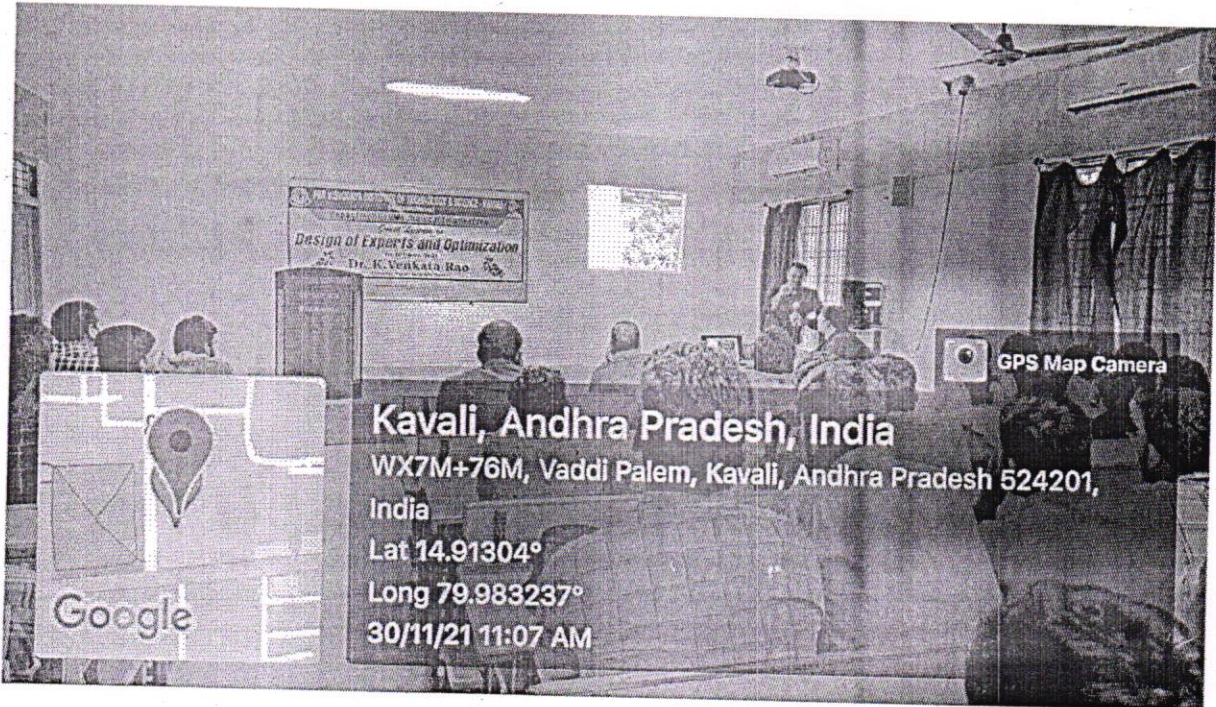


DEPARTMENT OF MECHANICAL ENGINEERING

GUEST LECTURE ON "DESIGN OF EXPERIMENTS AND OPTIMIZATION"

Date : 30-11-2021

PHOTOS:

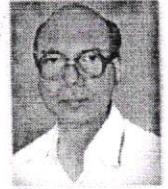




**P.B.R. VISVODAYA INSTITUTE OF TECHNOLOGY & SCIENCE
(AUTONOMOUS)**

(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 MECHANICAL ENGINEERING

GUEST LECTURE – REPORT

DEPARTMENT : ME
EVENT : Guest Lecture
PARTICIPANTS : III & IV B. Tech. ME Students
TITLE OF PROGRAMME : “Fundamentals of sound and vibration its application in industry”
RESOURCE PERSON : **P.Lokesh Kumar Reddy**
Lead Engineer,
Alstom Transport India Ltd,
Banglore.
DATE : 30-10-2021
TIME : 10:00 A.M. to 12:30 P.M

REPORT:

A Guest lecture was organized by the department of ME on “**Fundamentals Of sound and vibration its application in industry**” In this program 138 students and 12 faculty members were attended P.LOKESH KUMAR REDDY taught on sound and vibrations ,types and vibration generation from different vehicles and machines and their analysis and control techniques ,about trains and their modernization ,facilities and also job opportunities available in different areas.

OUTCOMES:

Students were able to

- Description about sound and vibrations
- Explain how noise and vibrations generated and control techniques by using isolaters.

FACULTY IN CHARGE

Head of the Department



**P.B.R. VISVODAYA INSTITUTE OF TECHNOLOGY & SCIENCE
(AUTONOMOUS)**

(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

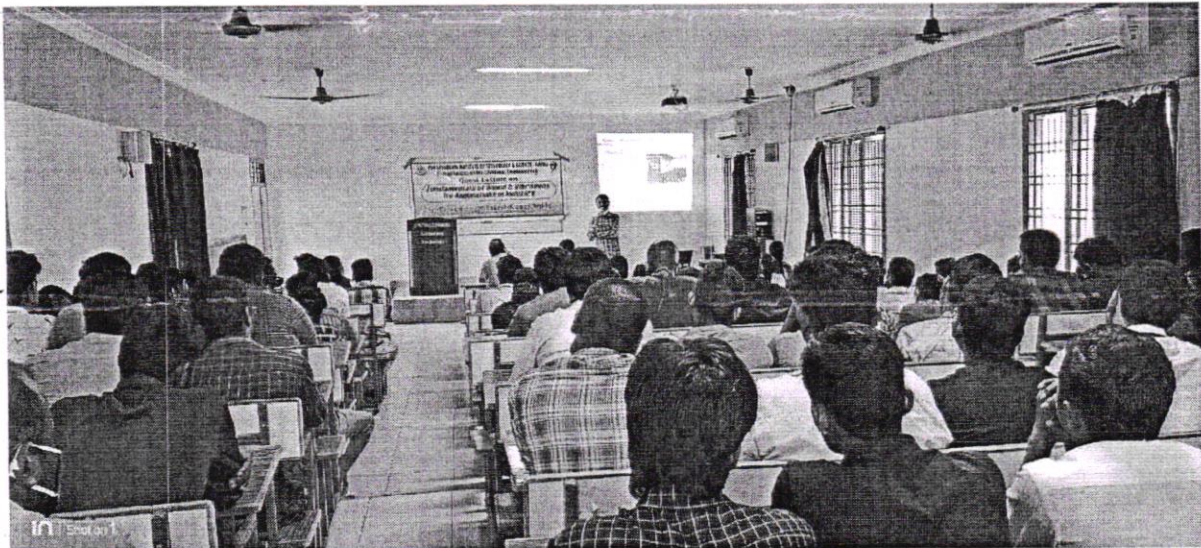


DEPARTMENT OF MECHANICAL ENGINEERING

**GUEST LECTURE ON “FUNDAMENTALS OF SOUND AND VIBRATION ITS
APPLICATION IN INDUSTRY”**

Date : 30-10-2021

PHOTOS:



WX7M+76M, Vaddi Palem, Kavali, Andhra Pradesh 524201, India

Latitude

14° 54' 46.614" N

Longitude

79° 59' 0.138" E

Local 10:47:19 AM

GMT 05:17:19 AM

Altitude 73.6 meters

Saturday, 30-10-2021