



CIRCULAR

Date-05-12-2023

All the Faculty is hereby informed that A ONE WEEK Faculty Development Program on "GEOSPATIAL ANALYSIS (Civil Engineering Perspectives)" will be conducted from 11-12-2023 to 16-12-2023 by Department of Civil Engineering. All faculties can enrol their names with Mr.P.RAJ KUMAR, Assistant Professor, Dept. of Civil Engineering on or before 08-12-2023. The details of the topics and resource person are available in the brochure displayed in the civil engineering department notice board.

Venue: SEMINAR HALL, VISAKHA INSTITUTE OF ENGINEERING & TECHNOLOGY.


 Principal

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 VISAKHA INSTITUTE OF
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 Narava, Visakhapatnam-530 027.

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Approved by AICTE NEW DELHI
(Affiliated to JNTUGV, VIZIANAGARAM)
8th Division, Narva, GVMC, Visakhapatnam-530027
VISAKHA ENGINEERING UNIVERSITY



COLLEGE CODE:
VSPT

CERTIFICATE

This is Certified that **Mr/Mrs/Miss:** _____

Of _____

has participated in the One Week Faculty development Programme on “**GEOSPATIAL ANALYSIS**” organised by Department of Civil Engineering, Visakha Institute of Engineering & Technology from **11-12-2023** to **16-12-2023**.


P. RAJ KUMAR
COORDINATOR


V. BHARGAVI
HOD
Head of the Department
Department CE
Visakha Institute of Engg. & Tech.


Dr. V. Sridhar Patnaik
PRINCIPAL

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Narva, Visakhapatnam-530 027.



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88th Division, Narasim, GVMC, Visakhapatnam-530027
VISAKHA INSTITUTE OF ENGINEERING & TECHNOLOGY



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P. RAJ KUMAR
COORDINATOR


V. BHARGAVI
HOD
Head of the Department
Department CE
Visakha Institute of Engg. & Tech.


Dr. V. Sridhar Patnaik
PRINCIPAL
VISAKHA INSTITUTE OF
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NARASIM, VISAKHAPATNAM-530027



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P. RAJ KUMAR
COORDINATOR


V. BHARGAVI
HOD
Head of the Department
Department CE
Visakha Institute of Engg. & Tech.


Dr. V. Sridhar Patnaik
PRINCIPAL
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Narara, Visakhapatnam-530 027

ORGANIZING COMMITTEE

PATRON

Sri.G.Satya Narayana,
Chairman

CONVENOR

Dr.V.Sridhar Patnaik,Principal

CO-ORDINATOR

1. Mr.P. Raj kumar, Assistant Professor

ORGANIZING COMMITTEE

1. Mr.K.S.B.Vara Prasad, EEE, HoD

2. Dr.B.Jeevan Rao, ECE, HoD

3. Ms.V. Bhargavi, Civil, HoD

4. Ms.G.Siva Karma, MECH, HoD

5. Dr.A. Tulasi naidu, MBA, HoD

6. Ms.K.Tejaswini,CSE,HoD

&all department Staff Members

RESOURCE PERSONS

Name: .

1. Dr. E. V. RAGHAVU RAO (Professor, Head of Department of Civil Engineering, KNRCER, Brilliant Group of Institutions, Hyderabad)

Program Objectives:

- To Understand the concept of Geospatial Technology
- To Get an insight of various tools and techniques used in Geospatial analysis.
- To Have a knowledge of major applications of Remote Sensing, GIS and GPS in different fields
- To Have an awareness of the recent works carried out in the field of geospatial technology



One Week Faculty Development Program on
"GEOSPATIAL ANALYSIS"

From 11th Dec to 16th Dec ,2023

ORGANISED AT
VISAKHA INSTITUTE OF ENGINEERING &
TECHNOLOGY

BY

DEPARTMENT OF CIVIL ENGINEERING

88th DIVISION, NARAVA,

VISAKHAPATNAM-530027

ANDHRA PRADESH

TEL: 0891 2892905

Phone: 9640130420, 8978911793

Website: www.vietvsp.com

Email: royalecityviet@gmail.com


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Narava, Visakhapatnam-530 027.

ABOUT THE INSTITUTION

With the objective of providing better educational opportunity for the students especially an educationally backward area a mostly consisting of villages. The Government of Andhra Pradesh permitted to establish Visakha Institute of Engineering & Technology in the year 2008 in Nariva, Visakhapatnam District. With the motto of **"Growth and Commitment through Excellence"**, this college has entered to the aspirational requirements of the many enthusiastic engineering students. It has 6 Under Graduate departments.

ABOUT DEPARTMENT

Department of civil Engineering has been successfully functioning since 2008. It offers B.Tech (Civil Engineering) and M.Tech (Structural Engineering). Department of Civil has good interactions and MOUs with leading technology domain Training & Development Industries. It organizes webinar, Conferences, Seminars and Workshops for both students and Faculty belonging to various Technical Educational Institutions, Research Scholars of Research Institutes and Industries all over India. Students of Civil department are motivated to be innovative in their thinking while being strong in construction Core Knowledge.

ABOUT PROGRAMME

One Week Faculty Development Program on

"GEOSPATIAL ANALYSIS"

COURSE TOPICS

1. Introduction to Geospatial Technology
2. Fundamentals of GIS and Remote Sensing
3. Remote Sensing and Disaster Management
4. Coastal Hazard and Vulnerability
5. Shoreline and Sea level Change
6. Geospatial Applications in Coastal Zone Management
7. Applications of Geospatial Techniques in Hydrology
8. Geospatial Techniques and Mountain Studies
9. Geospatial technology and Earthquake Studies
10. and UAV Remote Sensing and its Application

ELIGIBILITY AND SELECTION

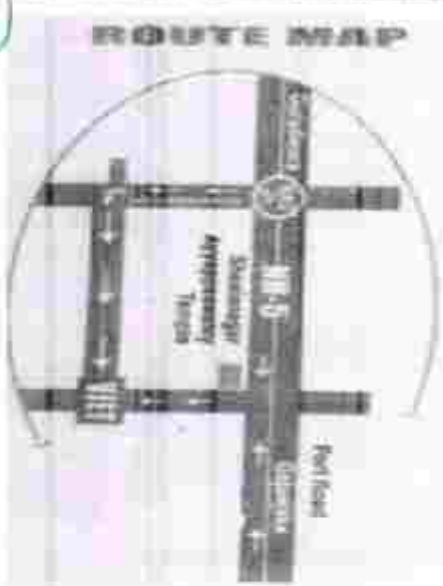
Teaching Staff/ Research Scholars

REGISTRATION

Registration fees for the participants 250/- Rupees Only. The application in the attached format is to be sent to the Coordinator on or before 08-12-2023. The incomplete applications will not be considered.

REGISTRATION FORM

Name	_____
Designation	_____
Department	_____
Address	_____
Phone	_____
Email	_____
Accommodation Required	YES/NO
Route to College	_____



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PROGRAM REPORT

Date: 18-12-2023

TITLE OF THE EVENT: A One Week Faculty Development Program on "GEOSPATIAL ANALYSIS"

RESOURCE PERSON NAME(S): I. Dr. E. V. Raghava Rao
Designation- Professor, Head of Department of Civil Engineering, KNR CER, Brilliant Group of Institutions, Hyderabad,
Phone- 7730071695
Email- evr@gmail.com

DURATION: One Week

DATES: 11/12/2023 to 16/12/2023

NO. OF PARTICIPANTS: 37

DESCRIPTION: On 11th December, 2023 the function was inaugurated at 10 AM by the Chairman of VIET, G. Satyanarayana, Principal Dr. V. Sridhar Patnaik, HOD, V. Bhargavi. All the teaching staff of Department of Civil Engineering.

On the same day session was taken by the Resource Person Dr. E. V. Raghava Rao (Professor, Brilliant Group of Institutions, Hyderabad) had discussed in brief information about the geospatial techniques and data analysis.





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TEL: 0896-2521111 FAX: 0896-2521111



COLLEGE CODE:
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On the second day of FDP i.e., 12th December, 2023 Resource Person Dr. E. V. Raghava Rao (Professor, Brilliant Group of Institutions, Hyderabad) had interacted with faculty and discussed about different techniques in GIS & remote sensing and its development in Civil industry .



On the third day of FDP i.e., 13th December, 2023, Resource Person, Dr. E. V. Raghava Rao (Professor, Brilliant Group of Institutions, Hyderabad) had interacted with faculty and discussed about Remote Sensing and Disaster Management Coastal Hazard and Vulnerability.




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57th Division, Narava, GVMC, Visakhapatnam-530027
TEL: 0891-2501171, 2501172, 2501173, 2501174



COLLEGE CODE
VSP7

On the fourth day of FDP i.e., 14th December, 2023, Resource Person, Dr. E. V. Raghava Rao (Professor, Brilliant Group of Institutions, Hyderabad) had interacted with faculty and discussed about different techniques in Geospatial Applications in Coastal Zone Management.



On the fifth day of FDP i.e., 15th December, 2023, Resource Person, Dr. E. V. Raghava Rao (Professor, Brilliant Group of Institutions, Hyderabad) had interacted with faculty and discussed about Applications of Geospatial Techniques in Hydrology.



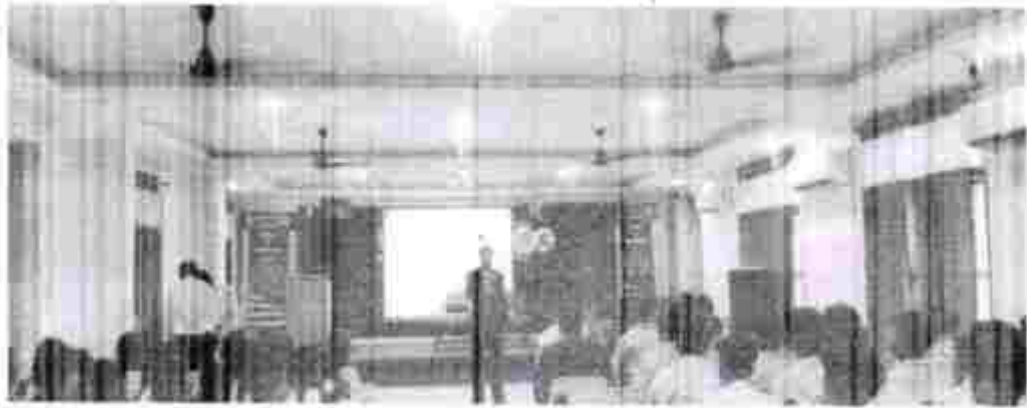


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 CONTACT: 0896-2511111, 0896-2511112



COLLEGE CODE
VSPT

On the Sixth day of FDP i.e., 16th December, 2023, Resource person Dr. E. V. Raghava Rao (Professor, Brilliant Group of Institutions, Hyderabad) had interacted with faculty and discussed about the importance of Earthquake Studies and UAV Remote Sensing and its Application. And at the end of the session, The Resource persons were felicitated by the Chairman G. Sutyamrayana, VIET, Principal, Dr. V. Sridhar Patraik, HOD, V. Bhargavi.



[Signature]
 HEAD OF THE DEPARTMENT
 Head of the Department
 Department CE
 Visakha Institute of Engg. & Tech.

[Signature]
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 Narava, Visakhapatnam-530 027.



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CIRCULAR

Date-07-03-2024

It is to inform the entire faculty that a **One Week Faculty Development Program on "RECENT ADVANCES IN FORENSIC ANALYSIS OF SUB AND SUPER STRUCTURES"** will be conducted from **14-03-2024 to 21-03-2024** by Department of Civil Engineering. All faculties can enrol their names with Mr S. Avinash, Assistant Professor, Dept. of Civil Engineering on or before **11-03-2024**. The details of the topics and resource person are available in the brochure displayed in the civil department notice board.

Venue: SEMINAR HALL, VISAKHA INSTITUTE OF ENGINEERING & TECHNOLOGY.

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ORGANIZING COMMITTEE

PATRON

Sri. G. Surya Narayana,
Chairman

CONVENOR

Dr. V. Sridhar Patnaik, Principal

CO-ORDINATOR

1. Mr. S. Avinash, Assistant Professor

ORGANIZING COMMITTEE

1. Mr. K. S. B. Vara Prasad, EEE, HoD

2. Dr. H. Jeevan Rao, ECE, HoD

3. Mr. V. Bhargavi, Civil, HoD

4. Mr. G. Niva Karuna, MECH, HoD

5. Dr. A. Tulani naidu, MBA, HoD

6. Mr. Rupendra Singh, CSE, HoD

All department Staff Members

RESOURCE PERSONS

Name :

1. Dr. E. V. RAGHAVA RAO (Professor, Head of Department of Civil Engineering, KNRCER, Brilliant Group of Institutions, Hyderabad)

Program Objectives:

- To Understand the Modern Techniques for excavating sub structures.
- To Know the Artificial Intelligence and its applications in foundations.
- To know the importance of forensic analysis of sub and super structures.
- To know the methodologies of forensic analysis.
- To know the importance of foundations in civil engineering.
- To know how to identify the type of foundations for different structures.

One Week Faculty Development Program on

"RECENT ADVANCES IN FORENSIC ANALYSIS OF SUB AND SUPER STRUCTURES"

From 14th Mar to 21st March 2024



ORGANISED AT

VISAKHA INSTITUTE OF ENGINEERING & TECHNOLOGY

BY

DEPARTMENT OF CIVIL ENGINEERING

88th DIVISION, NARAVA,

VISAKHAPATNAM-530027

ANDHRA PRADESH

TEL: 0891 2892905

Phone: 9640130420, 8978911783

Website: www.vistech.com

Email: royalcivilsociety@gmail.com


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PROGRAM REPORT

Date: 22-03-2024

TITLE OF THE EVENT:	A One Week Faculty Development Program on "RECENT ADVANCES IN FORENSIC ANALYSIS OF SUB AND SUBSTRUCTURES"
RESOURCE PERSON NAME(S)	I.Dr. E. V. Raghava Rao Designation- Professor, Head of Department of Civil Engineering, KNRCER, Brilliant Group of Institutions, Hyderabad. Phone- 7730071695 Email- evr@gmail.com
DURATION	One Week
DATES:	14/03/2024 to 21/03/2024
NO. OF PARTICIPANTS	32
DESCRIPTION	On 14 th March, 2024 the function was inaugurated at 10 AM by the Chairman of VIET, G. Satyanarayana, Principal, Dr. V. Sridhar Patnaik, HOD, V. Bhargavi. All the teaching staff of Department of Civil Engineering.

On the same day session was taken by the Resource Person Dr. E. V. Raghava Rao (Professor, Brilliant Group of Institutions, Hyderabad) had discussed in brief information about the need for modernistic techniques for excavating sub structure.



Google

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57th division, Narava, Visakhapatnam, Andhra Pradesh 530027, India
Lat 17.750214°
Long 83.172312°
14/03/24 10:57 AM GMT +05:30



On the second day of FDP i.e., 15th March, 2022, Resource Person Mr S. Naveen (Assistant Professor, Dadi Institute of Engineering and Technology) had interacted with faculty and discussed about different techniques in artistic development of Civil industry.



On the third day of FDP i.e., 16th March, 2023, Resource Person, Dr. E. V. Raghava Rao (Professor, Brilliant Group of Institutions, Hyderabad) had interacted with faculty and discussed about roles and responsibilities of a civil engineer in forensic laboratories.



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On the fourth day of FDP i.e., 18th March, 2024, Resource Person, Dr. E. V. Raghava Rao (Professor, Brilliant Group of Institutions, Hyderabad) had interacted with faculty and discussed about different techniques involved in forensic analysis.



On the fifth day of FDP i.e., 19th March, 2024, Resource Person, Dr. E. V. Raghava Rao (Professor, Brilliant Group of Institutions, Hyderabad) had interacted with faculty and discussed about different techniques involved in


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On the Sixth day of FDP i.e. 20th March, 2024, Resource person Dr. E. V. Raghava Rao (Professor, Brilliant Group of Institutions, Hyderabad) had interacted with faculty and discussed about the importance of foundations in the civil engineering structures.



On the last day of FDP i.e., 21st March, 2024 at the end of the session, The Resource persons were felicitated by the Chairman G. Satyanarayana, VIET, Principal, Dr. V. Sridhar Pattnaik, HOD, V Bhargavi.





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DIPLOMA IN ENGINEERING MANAGEMENT



COLLEGE CODE
VSPT



Bh...

Head of the Department
 Department CE
 Visakha Institute of Engg. & Tech.

[Signature]

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CERTIFICATE

This is Certified that **Mr/Mrs/Miss:** ANUPUJU VENKATA PRASAD

Of Gonna Institute of Information Technology & Sciences.

has participated in the One Week Faculty development Programme on “**RECENT ADVANCES IN FORENSIC ANALYSIS OF SUB AND SUPER STRUCTURES**” organised by Department of Civil Engineering, Visakha Institute of Engineering & Technology from **14-03-2024 to 21-03-2024.**

S.AVINASH
COORDINATOR

V.BHARGAVI
HOD
Head of Department
Department CE
Visakha Institute of Engg. & Tech.

Dr.V.Sridhar Patnaik
PRINCIPAL
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88th Division, Nara, GVMC, Visakhapatnam-530027



CULTURE CODE
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CERTIFICATE

This is Certified that **Mr/Mrs/Miss:** ATTILI NARENDRA KUMAR
Of Baba Institute of Information Technology & Sciences.

has participated in the One Week Faculty development Programme on “**RECENT ADVANCES IN FORENSIC ANALYSIS OF SUB AND SUPER STRUCTURES**” organised by Department of Civil Engineering, Visakha Institute of Engineering & Technology from **14-03-2024 to 21-03-2024.**


S.AVINASH
COORDINATOR


V.BHARGAVI
Head of the Department
HOD
Department CE
Visakha Institute of Engg. & Tech.


Dr.V.Sridhar Patnaik
PRINCIPAL
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COLLEGE CODE
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Of _____

has participated in the One Week Faculty development Programme on **“RECENT ADVANCES IN FORENSIC ANALYSIS OF SUB AND SUPER STRUCTURES”** organised by Department of Civil Engineering, Visakha Institute of Engineering & Technology from **14-03-2024 to 21-03-2024.**

S.AVINASH
COORDINATOR

V.BHARGAVI
Head of the Department
HOD
Department CE
Visakha Institute of Engg. & Tech.

Dr.V.Sridhar Patnaik
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COLLEGE CODE
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CERTIFICATE

This is Certified that **Mr/Mrs/Miss:** _____

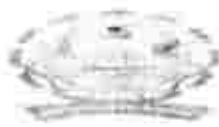
Of _____

has participated in the One Week Faculty development Programme on **“RECENT ADVANCES IN FORENSIC ANALYSIS OF SUB AND SUPER STRUCTURES”** organised by Department of Civil Engineering, Visakha Institute of Engineering & Technology from **14-03-2024 to 21-03-2024.**

S.AVINASH
COORDINATOR

V.BHARGAVI
Head of the Department
Department CE
HOD
Visakha Institute of Engg. & Tech,

Dr.V.Sridhar Patnaik
PRINCIPAL
- VISAKHA INSTITUTE OF
ENGINEERING & TECHNOLOGY
Narava, Visakhapatnam-530 027



Name of the Program: A One Week Faculty Development Program on "RECENT ADVANCES IN FORENSIC ANALYSIS OF SUB AND SUPER STRUCTURES".

Date: 14-03-2024

Department: Civil Engineering

S.NO	NAME OF THE FACULTY	DESIGNATION	COLLEGE NAME	SIGNATURE						
				14-03-2024	15-03-2024	16-03-2024	18-03-2024	19-03-2024	20-03-2024	21-03-2024
20	Ch. Veera/Vaada	Asst Prof	GIITS	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
21	K. Tejendar	Asst prof	SVET	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
22	K. Varalathoni	Asst. prof	SITAM	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
23	D. Yajmani Kumari	ASST. PROF	SITAM	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
24	P. Charishma	ASST. PROF	SITAM	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
25	S. Kalpana	ASST. PROF	NSRT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
26	S. NIKITHA	Asst. prof	GIITS	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
27	Sushar. Sangeetha Saha	Asst. prof	DIET	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
28	S. Avinash	Asst Prof	VIET	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
29	V. Bhargavi	Associa prof	VIET	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
30	y. prasanna	ASST. PROF	VIET	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
31	K. Jagan	Asst Prof	VIET	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
32	CH. Sai Kiran	ASST. PROF	VIET	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]

Head of the Department
 Department CE
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DIPLOMA ENGINEERING MANAGEMENT



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Date: 10-08-2023

CIRCULAR

This is to inform to all the Head of the Departments of UG and PG are here by informed that Department of Mechanical Engineering is organizing A One Week Faculty Development Program on "Advancements and Innovations in Manufacturing for Industrial 4.0 Transformation" in our college premises from 21.08.2023 to 25.08.2023. We request all the interested faculty to kindly participate in this Program and make it success.

Date: 21.08.2023 to 25.08.2023

Timings: 10:00 A.M to 01:00 P.M

Venue: Seminar Hall, Block - I


 HoD, Mechanical
 Head of the Department
 Department ME
 Visakha Institute of Engg. & Tech.


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Copy submitted to:- Hon'ble Chairman

Copy to:- All Concerned/Notice Boards

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DIPLOMA ENGINEERING MANAGEMENT



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DEPARTMENT OF MECHANICAL ENGINEERING

“A One Week Faculty Development Program”

On

**Advancements and Innovations in Manufacturing for
 Industry 4.0 Transformation**

21/08/2023 to 25/08/2023

PROGRAMME SHEET

- Inviting the guests on to the dais by Mrs. Chandna Assistant Professor.
- Prayer song.
- Lightening of lamp.
- Opening Remarks by Dr. T Satyanarayana, Asso. Professor & Head, Dept. of Mechanical Engineering, VIET.
- Address by Patron of the function Dr. V SRIDHARPATNAIK, Principal VIET.

Day 1 (21/08/2023): Introduction to Industry 4.0

Session	Event Schedule
10:00AM to 11:00AM	<ul style="list-style-type: none"> ➤ Inaugural Address ➤ Overview of Recent Trends in Mechanical Engineering
11:00AM to 01:00PM	<ul style="list-style-type: none"> ❖ Resource Person: Mr. Prakash Inturi, Director, Dyno PTS company. Topic: "Introduction to Industry 4.0 and Smart Manufacturing Systems using Deform-3D Software"

Day 2 (22/08/2023): Additive Manufacturing Fundamentals

Session	Event Schedule
10:00AM to 01:00PM	<ul style="list-style-type: none"> ❖ Resource Person: Dr. V. Bindu Neeharika Associate Professor, ANITS College. Topic: "Design for Additive Manufacturing"

Day 3 (23/08/2023): 3D Printing Technologies

Session	Event Schedule
10:00AM to 01:00PM	❖ Resource Person: Dr. B. Govinda Rao , Professor, Gayatri College. Topic: "Study of 3D Printing Technologies, Post-Processing Techniques and Industry Case Studies"

Day 4 (24/08/2023): Electric Vehicles (EVs) Introduction

Session	Event Schedule
10:00AM to 01:00PM	❖ Resource Person: Dr. S. Sastry , Associate Professor, RGUKT Basara. Topic: "Introduction to Electric Vehicles Components and Systems"

Day 5 (25/08/2023): Smart Manufacturing Technologies

Session	Event Schedule
10:00AM to 12:30PM	❖ Resource Person: Mr. B. Pavani Srikavya , Assistant Professor, Vignan College. Topic: "Smart Manufacturing Technologies, Future Prospects and Career Guidance"
12:30PM to 01:00PM	➤ Validatory ➤ Momentum for Speakers. ➤ Vote of thanks by Dr. K. Dayana


Head of the Department
Department ME
Visalga Institute of Engg. & Tech.

2023/08/25



VISAKHA
INSTITUTE OF ENGINEERING & TECHNOLOGY
Approved by AICTE NEW DELHI
(Affiliated to JNTUGV, VIZIANAGARAM)
88th Division, Narava, GVMC, Visakhapatnam-530077
DIPLOMA ENGINEERING MANAGEMENT



COLLEGE CODE
VSPT

Date: 28/08/2023

Report on
“A One Week Faculty Development Program”
On

Advancements and Innovations in Manufacturing for Industry 4.0 Transformation

21st to 25th Aug- 2023

Organized By
Department of Mechanical Engineering
Visakha Institute of Engineering & Technology

Organiser

Dr. T. Satyanarayana
Head of the Department

VIET
Head of the Department
Department ME
Visakha Institute of Engg. & Tech.

FDP Coordinator

Dr. P.V.V. Satyanarayana,
Associate Professor

VIET

Name of the program: "A One Week Faculty Development Program"

On

Advancements and Innovations in Manufacturing for Industry 4.0 Transformation

Date: 21st – 25th August, 2023

Resource Persons:

Dr. V. Bindu Neeharika, Associate Professor, ANITS College.

Dr. B. Govinda Rao, Professor, Gayatri College.

Dr. S. Sastry, Associate Professor, RGUKT Basara.

Mr. B. Pavani Srikavya, Assistant Professor, Vignan College.

Mr. Prakash Inturi, Director, Dyno PTS company

Name of the Coordinator: **Dr. P.V.V.Satyanarayana**, Associate Professor, Mechanical Engineering, VIET.

No of faculty attended: 61

Objective of the FDP Program:

A One Week Faculty Development Program was organized by Department of Mechanical Engineering, VIET, Visakhapatnam, A.P. on **Advancements and Innovations in Manufacturing for Industry 4.0 Transformation** from 21st – 25th August, 2023 for Faculty.

The Faculty Development Program (FDP) aims to empower Mechanical Engineering educators by immersing them in the latest advancements and innovations in the field. Through a comprehensive agenda the FDP seeks to disseminate cutting-edge knowledge enhance technical skills, encourage interdisciplinary exploration, inspire innovative pedagogical approaches, establish industry relevance, catalyze research initiatives, foster networking and collaboration and ultimately contribute to the professional growth of participants. By bridging the gap between academia and industry this FDP endeavors to create a dynamic community dedicated to advancing Mechanical Engineering education ensuring faculty members are well-equipped to guide students and institutions towards excellence in the rapidly evolving landscape of the discipline.

The aims to empower educators with advanced knowledge, interdisciplinary skills and industry relevance. Through innovative pedagogy and collaborative initiatives the FDP seeks to create a dynamic community of forward-thinking educators, contributing to the evolution of Mechanical Engineering. The program aspires to stimulate research and foster interdisciplinary exploration, leaving a lasting impact on both educators and the field itself.

Day-1

On August 21st 2023,

The faculty development programme started on 21st August 2023 at 10:00 Am with Saraswati Vandana. There were 16 external participants from different colleges and institutes and around 45 participants from Visakha Institute of Engineering & Technology.

Opening remarks for the FDP were given by Mrs. Chandna, which was followed by an introduction to the programme by **Dr. P V V Satyanarayana**. He also gave a glimpse of the activities going on in Visakha Institute of Engineering & Technology.

In a warm and welcoming address, **Dr. V. Sridhar Patnaik, the Principal of VIET**, extended heartfelt greetings to the resource persons and faculties from various colleges participating in the 5-day Faculty Development Program. Dr. Patnaik expressed his gratitude for the enthusiastic participation, highlighting the significance of collaborative efforts in advancing academic excellence. He emphasized the pivotal role of faculty development programs in fostering a culture of continuous learning and professional growth within the academic community. Dr. Patnaik reiterated the importance of knowledge-sharing platforms and encouraged active engagement among participants to make the most of the diverse expertise present. The warm welcome set a positive tone for the program, reflecting the institution's commitment to providing a conducive environment for intellectual exchange and professional development.


In his opening remarks, **Dr. T. Satyanarayana, Head of the Department**, welcomed participants to the Faculty Development Program underscoring the program's importance in fostering continuous learning and professional growth. He encouraged active engagement, highlighting the unique opportunities for skill enhancement and knowledge exchange. Dr. Satyanarayana's brief address set a positive and motivating tone for the event.

❖ **Resource Person: Mr. Prakash Inturi**, Director, Dyno PTS company.

Topic: "Introduction to Industry 4.0 and Smart Manufacturing Systems using Deform-3D Software"

The Faculty Development Program on "Introduction to Industry 4.0 and Smart Manufacturing Systems using Deform-3D Software," led by **Mr. Prakash Inturi, Director of Dyno PTS company**, offered a comprehensive insight into the transformative realm of Industry 4.0. Mr. Inturi, as the resource person, shared valuable expertise on the integration of smart manufacturing systems and the utilization of Deform-3D software in this dynamic landscape. The session covered key aspects of Industry 4.0, including automation, data exchange, and the Internet of Things (IoT), illustrating their impact on manufacturing processes. Through practical demonstrations using Deform-3D software, participants gained hands-on experience in simulating and optimizing manufacturing scenarios. Mr. Inturi's presentation not only demystified Industry 4.0 concepts but also provided a practical understanding of their application in modern manufacturing. The program proved instrumental in equipping faculty members with the knowledge and tools needed to incorporate smart manufacturing technologies into their teaching methodologies, fostering a deeper integration of Industry 4.0 principles within the academic curriculum.



 **GPS Map Camera**



Google

Visakhapatnam, Andhra Pradesh, India

57th division, Narava, Visakhapatnam, Andhra Pradesh 530027, India

Lat 17.750298°

Long 83.172317°

21/08/23 11:12 AM GMT +05:30



 **GPS Map Camera**



Google

Visakhapatnam, Andhra Pradesh, India

57th division, Narava, Visakhapatnam, Andhra Pradesh 530027, India

Lat 17.750298°

Long 83.172317°

21/08/23 10:28 AM GMT +05:30

Day-2

On August 22nd 2023,

❖ Resource Person: **Dr. V. Bindu Neeharika**, Associate Professor, ANITS College.

Topic: **"Design for Additive Manufacturing"**

The Faculty Development Program on "Design for Additive Manufacturing," led by **Dr. V. Bindu Neeharika, Associate Professor at ANITS College**, provided a comprehensive exploration of the principles and methodologies associated with additive manufacturing processes. Serving as the resource person, Dr. Neeharika shared valuable insights into the intricate connection between design considerations and the additive manufacturing workflow. The session covered key aspects such as optimizing designs for 3D printing, material selection, and overcoming challenges specific to additive manufacturing. Through practical examples and case studies, participants gained a deeper understanding of the design intricacies critical for successful additive manufacturing implementation. Dr. Neeharika's presentation not only illuminated the evolving landscape of additive manufacturing but also empowered faculty members to incorporate these principles into their teaching methodologies, ensuring that students are well-prepared for the transformative advancements in modern manufacturing processes.



The program, under Dr. Neeharika's guidance, served as an invaluable platform for collaborative learning and the dissemination of knowledge on the intricacies of design for additive manufacturing within the academic community.

Day-3

On August 23rd 2023,

❖ Resource Person: **Dr. B. Govinda Rao**, Professor, Gayatri College.

Topic: "Study of 3D Printing Technologies, Post-Processing Techniques and Industry Case Studies"

The Faculty Development Program on the "Study of 3D Printing Technologies, Post-Processing Techniques, and Industry Case Studies," spearheaded by **Dr. B. Govinda Rao, Professor at Gayatri College**, delivered a comprehensive overview of the multifaceted realm of 3D printing. Dr. Rao, serving as the resource person, shared profound insights into various 3D printing technologies, delving into their applications and advancements. The session extended beyond the printing process, covering essential post-processing techniques crucial for achieving optimal results in additive manufacturing. Through industry case studies,

participants gained practical insights into real-world applications, witnessing the transformative impact of 3D printing across diverse sectors. Dr. Rao's presentation not only enriched the understanding of 3D printing technologies but also provided valuable perspectives on the significance of post-processing in achieving high-quality prints. The program, under Dr. Rao's expert guidance, offered a platform for faculty members to deepen their knowledge and exchange ideas, ensuring they are well-equipped to integrate the latest advancements in 3D printing into their academic curricula.



Day-4

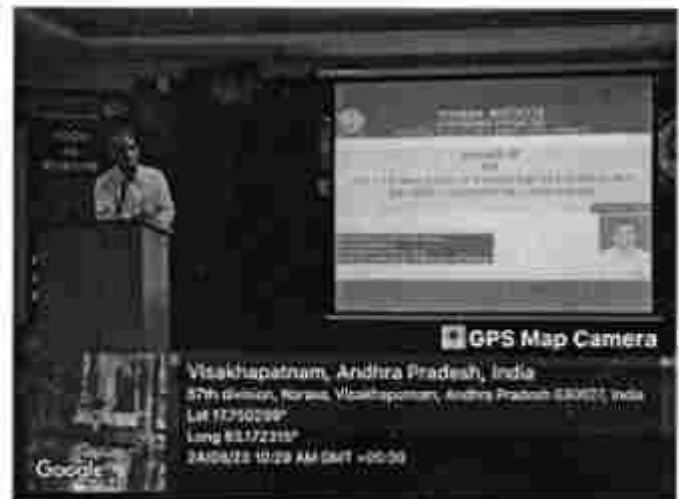
On August 24th 2023,

❖ **Resource Person: Dr. S. Sastry, Associate Professor, RGUKT Basara.**

Topic: "Introduction to Electric Vehicles Components and Systems"

The Faculty Development Program on "Introduction to Electric Vehicles Components and Systems," led by **Dr. S. Sastry, Associate Professor at RGUKT Basara**, provided an enlightening exploration into the intricate components and systems that constitute electric vehicles (EVs). Serving as the resource person, Dr. Sastry shared profound insights into the key elements shaping the electric vehicle landscape, covering topics such as electric drivetrains, battery technologies, and charging infrastructure. The session aimed at equipping faculty members with a comprehensive understanding of the emerging field of electric vehicles. Dr. Sastry's presentation not

only elucidated the technical intricacies of EV components but also shed light on the sustainable and transformative aspects of electric mobility. The program, under Dr. Sastry's adept guidance, facilitated a platform for faculty members to engage in meaningful discussions, fostering a collaborative environment for the exchange of knowledge on the advancements and challenges in the realm of electric vehicles.



Day-5

On August 25th 2023,

❖ Resource Person: **Mr. B. Pavani Srikavya**, Assistant Professor, Vignan College.

Topic: **"Smart Manufacturing Technologies, Future Prospects and Career Guidance"**

The Faculty Development Program on "Smart Manufacturing Technologies, Future Prospects, and Career Guidance," led by **Mr. B. Pavani Srikavya**, Assistant Professor at Vignan College, provided a comprehensive insight into the evolving landscape of smart manufacturing. Serving as the resource person, Mr. Srikavya shared valuable perspectives on cutting-edge technologies shaping the future of manufacturing, emphasizing their impact on industry practices. The session covered key aspects such as the Industrial Internet of Things (IIoT), data analytics, and automation in smart manufacturing. Additionally, Mr. Srikavya



offered valuable career guidance, elucidating the skill sets essential for professionals in this dynamic field. The program not only delved into the theoretical aspects of smart manufacturing but also provided practical insights into its application and relevance in contemporary industries. Under Mr. Srikavya's guidance, the program fostered a collaborative environment for faculty members to discuss future prospects, share experiences, and gain valuable insights to better prepare students for the evolving landscape of smart manufacturing technologies and careers.

In the concluding session of the Faculty Development Program, **Dr. P.V.V. Satyanarayana**, FDP coordinator expressing his sentiments during the validatory note, commended the collaborative efforts and shared commitment of the participants and keynote speakers in making the program a success. Dr. Satyanarayana highlighted the significance of continuous learning and professional development, underscoring how the insights gained during the program would undoubtedly contribute to the overall academic growth of the institution.

Following the validatory note, **Dr. K. Dayana** took the podium for the vote of thanks. She extended her heartfelt gratitude to all the participants for their active engagement and enthusiastic involvement throughout the program. Dr. Dayana expressed appreciation for the keynote speakers, acknowledging their expertise and valuable contributions in enlightening the audience on diverse topics. She recognized the collective effort that went into organizing and executing the program extending special thanks to the organizing committee, support staff, and all those who played a pivotal role in ensuring the program's success.


Head of the Department
HOD, Department of
Visakha Institute of Engg. & Tech.


PRINCIPAL
VISAKHA INSTITUTE OF
ENGINEERING & TECHNOLOGY
Narava, Visakhapatnam-530 027.
Principal

REGISTRATION FORM

**"A One Week Faculty Development Program"
On
Advancements and Innovations in
Manufacturing for Industry 4.0
Transformation**

21st August 2023 – 25th August 2023

Name:
Designation:
Organization:
Teaching/Industrial experience:
Address:
Phone:
Email:

DECLARATION

The information provided is to the best of my knowledge. I agree to abide by the rules and regulations governing the FDP and shall attend the course for the entire duration. In case I am unable to attend, I take responsibility to inform the coordinator(s).

Date:

Place:

(Signature)

REGISTRATION

Total registration for the programme is restricted to 50 participants. Selection will be based on "First Come First Serve".

Registration fee: Rs200/-

Organizing Committee

Chief Patron

Sri. G Satyanarayana
Chairman

Patron

Dr. V Sridhar Patnaik
Principal

Convener

Dr. T Satyanarayana
HOD, MECH

Co-Ordinator

Dr. P V V Satyanarayana
Associate Professor

Co-COrdinator

Dr. K Sri Ram Vikas
Associate Professor

Organizing Committee:

Mr M Rambabu , Associate Professor
Mrs K Chandna, Associate Professor
Mr. G Sunil, Assistant Professor
Mr. A Murali Krishna, Assistant Professor
Mr. A Narendra Kumar , Assistant Professor
Mr.Ch. Veerunaidu, Assistant Professor
Mr.Ch.Kiran Kumar Assistant Professor
Mr .K Jugadesh , Assistant Professor

Important Date:

Last date for Registration: 20-08-2023

For further details:

Dr. P V V Satyanarayana
Associate Professor
8919267850
sesatyachitti@viet.edu.in



**A One Week
Faculty Development Program**

**On
Advancements and Innovations in
Manufacturing for Industry 4.0
Transformation
21st August 2023 – 25th August 2023**

Organized by



About VIET

Visakha Institute of Engineering & Technology was established in the year 2008, with the sole ambition of giving good and purposeful education to the students. Our students made a mark of excellence by giving the best performance and brought many laurels to this institution. We strongly believe that it was achieved by the students with the support and guidance of efficient teaching faculty, which we are proud and committed to one cause that is to create and develop educational facilities, in order to train deserving young students. The college is located in serene and pollution free environment at Narava 6 km from Gopalapatnam and Air Port. The campus is spread over 10 acres of scenic landscape which is an ideal place.

ABOUT THE DEPARTMENT

The Department of Mechanical Engineering was established in the academic year 2011. The Department presently offers UG study program leading to the degree of B.Tech Mechanical Engineering and PG program M.Tech CAD/CAM & Thermal Engineering. With approval from AICTE, for UG & PG Programmes. The Department has well equipped laboratories and infrastructural facilities. The department has well equipped smart class rooms with necessary teaching aids viz., with LCD projectors in order to enable power point presentations for necessary lecture topics. The faculty are trained to make the students reach their goals.

Resource Persons:

Dr. V. Bindu Neeharika, Associate Professor, ANITS College.

Dr. B. Govinda Rao, Professor, Gayatri College.

Dr. S. Sastry, Associate Professor, RGUKT Basara.

Mr.B. Pavani Srikavya, Assistant Professor, Vignam College.

Mr. Prakash Inturi, Director, Dynis PTS company

Expected Course Outcomes

After successful completion of the Program.

- Understand and apply latest industry practices in curriculum and teaching learning practices.
- Bridge the gaps between academic system and industry requirements.
- Identify and use concepts and contents of Industry 4.0.
- Identify various means and ways of using digitization and data sciences in engineering education.
- Formulate and apply the best and innovative practices feasible to train the students.

Objectives of the FDP

- ❖ To bring awareness and acquaintance with latest and emerging technologies relevant to design and manufacturing among teaching fraternity in Higher Educational Institutions.
- ❖ To introduce faculty members with the salient features and significant issues of Industry 4.0 and its related concepts.
- ❖ To promote learning environment incorporating industry ecosystem by introducing advanced technologies in the field of mechanical engineering.

Course duration

5 days

21st August 2023 – 25th August 2023

Selection and Certification Criteria

Participants should have basic knowledge on Mechanical engineering. Selection will be based on first-come, first-serve basis. The selected candidates will be notified through email. On completion of the programme, participants will be awarded an E- Certificate of participation by respective VIET. Minimum 80% attendance and 60% marks in the test are compulsory for certification.

How to Apply?

Registration form is available along with this brochure on Scan and mail the completed form to

mechhod@viet.edu.in
mechhod@vietvsp.com



VISAKHA INSTITUTE OF ENGINEERING & TECHNOLOGY
NARAVA
VISAKHAPATNAM



DEPARTMENT OF MECHANICAL ENGINEERING

ATTENDANCE SHEET

"A One Week Faculty Development Program"

Advancements and Innovations in Manufacturing for Industry 4.0 Transformation

21/08/2023 to 25/08/2023

S.No	Participant Name	Designation	Name of the Institute	21/08/2023	22/08/2023	23/08/2023	24/08/2023	25/08/2023
1	Mr. GUNTUBOYINA. HAREESH	Assistant Professor	SVCET	G.H.R.	G.H.R.	G.H.R.	G.H.R.	G.H.R.
2	Mr. G.V. Lova Raju	Asst. Prof.	Sri Hanumanthacollege	Arundhanji	Arundhanji	Arundhanji	Arundhanji	Arundhanji
3	Mrs. K. Kamalakar	Asst. Prof	BITS	Kantha	Kantha	Kantha	Kantha	Kantha
4	Mr. M. Satyanarayana	Asst. prof	NSRIT	M. Satya	M. Satya	M. Satya	M. Satya	M. Satya
5	Mr. D. Demuda Naidu	Assisted Prof.	NSRIT	Naidu	Naidu	Naidu	Naidu	Naidu
6	Mrs. S. Rupa	Asst. Prof	Condi (LIET)	Rupa	Rupa	Rupa	Rupa	Rupa
7	Dr. V. Hari Kiran	professor	VIET	Hari Kiran	Hari Kiran	Hari Kiran	Hari Kiran	Hari Kiran
8	Mr. S. Subrahmanyam	Asst. Prof	Gonna	Subrahmanyam	Subrahmanyam	Subrahmanyam	Subrahmanyam	Subrahmanyam
9	V. Chandra Kala	Asst. Prof	VIEW	Kala	Kala	Kala	Kala	Kala
10	Mrs. P. Prasanna Kumari	Assisted Professor	VIEW	Prasanna	Prasanna	Prasanna	Prasanna	Prasanna
11	Mr. Y. Sunesh	Asst. Prof	GIITS	Y. Sunesh	Y. Sunesh	Y. Sunesh	Y. Sunesh	Y. Sunesh
12	Dr. Vahini. Kallampudi	Asst. Prof	Condi (LIET)	Vahini. K	Vahini. K	Vahini. K	Vahini. K	Vahini. K
13	Mr. K. Nagaraju.	Asst. Prof.	VIET	K. Nagaraju	K. Nagaraju	K. Nagaraju	K. Nagaraju	K. Nagaraju
14	Mr. M. Padmanabham	Asst Prof	SVPEs	M. Padman	M. Padman	M. Padman	M. Padman	M. Padman

S.No	Participant Name	Designation	Name of the Institute	21/08/2023	22/08/2023	23/08/2023	24/08/2023	25/08/2023
15	MR. K. Venkata Gramesh.	Asst. Prof.	GOANNA.	Venkata	Venkata	Venkata	Venkata	Venkata
16	MY. P. Kameswara Rao	Asst. Prof	Lendi	He	He	He	He	He
17	Mr. M. RAMBABU	Asst. - Prof.	VIET	M. Ra.	M. Ra.	M. Ra.	M. Ra.	M. Ra.
18	Mr. V. Ram Kumar	Lecturer	VIET	Rs	Rs	Rs	Rs	Rs
19	Dr. P. V. V. SATYANARAYANA	Asso Prof	VIET	Prv Sls	Prv Sls	Prv Sls	Prv Sls	Prv Sls
20	Dr. T. S. Narayana	Assoc Prof (HOD)	VIET	Py	Py	Py	Py	Py
21	A. Murali Krishna	Asst. professor	VIET	@	@	@	@	@
22	Narendra Kumar Acharya	Asst Prof	VIET	AA	AA	AA	AA	AA
23	Ch. Veeru Naidu	Asst. Professor	VIET	cb	cb	cb	cb	cb
24	A. / UNSL	Asst. Prof	VIET	CU	CU	CU	CU	CU
25	Mr. Vasu Prasad K. S. B	Asst. prof	VIET	kl	kl	kl	kl	kl
26	T. Santhosh	Asst. prof	VIET	f	f	f	f	f
27	Jyothi Rani Siggadri	Asst. Prof	VIET	Rai	Rai	Rai	Rai	Rai
28	B. Gramesh	Asst. prof	VIET	Calu	Calu	Calu	Calu	Calu
29	M. Jagadeesh	Asst. Prof	SGEC	R	R	R	R	R
30	A. S. C. Tejaswini Kone	Asst. Prof.	VIET (HOD)	Chepant	Chepant	Chepant	Chepant	Chepant
31	K. VIJAY	Asst. prof	VIET	Vijay	Vijay	Vijay	Vijay	Vijay
32	M. Usha	Asst. Prof	VIET	f	f	f	f	f
33	M. Sowjanya	Asst. prof	VIET	f	f	f	f	f
34	Ch. Saikiran	Asst. prof	VIET	SK	SK	SK	SK	SK
35	Y. Priyanka	Asst Prof	VIET	Q	Q	Q	Q	Q
36	S. Avinash	Asst Prof	VIET	tu	tu	tu	tu	tu

S.No	Participant Name	Designation	Name of the Institute	21/08/2023	22/08/2023	23/08/2023	24/08/2023	25/08/2023
37	MRS. I. Satya	Asst. Prof	V I E T	Ish	Ish	Ish	Ish	Ish
38	MRS. U.S. M.K., Rastho	Asst. Prof	V I E T	Rastho	Rastho	Rastho	Rastho	Rastho
39	MRS. Bhuvanendra	Asst. Prof	V I E T	Rastho	Rastho	Rastho	Rastho	Rastho
40	MRS. MS. ARAPUDDIAN	Asst. Prof	V I E T	MRS	MRS	MRS	MRS	MRS
41	MRS. K. RAJINDRAN	Asst. Prof	V I E T	K. RAJINDRAN	K. RAJINDRAN	K. RAJINDRAN	K. RAJINDRAN	K. RAJINDRAN
42	MRS. Y. JYOTHI	Asst. Prof	V I E T	JYOTHI	JYOTHI	JYOTHI	JYOTHI	JYOTHI
43	M.V. A.S. RAO	Asst. Prof	V I E T	A.S. RAO	A.S. RAO	A.S. RAO	A.S. RAO	A.S. RAO
44	MRS. B. VINODH	Asst. Prof	V I E T	B. VINODH	B. VINODH	B. VINODH	B. VINODH	B. VINODH
45	MR. Ayan Muthy	Asst. Prof	V I E T	Muthy	Muthy	Muthy	Muthy	Muthy
46	MR. B. BHAWANESWARA	Asst. Prof	V I E T	B. BHAWANESWARA	B. BHAWANESWARA	B. BHAWANESWARA	B. BHAWANESWARA	B. BHAWANESWARA
47	DR. Venkateswara Rao	Asso. Professor	V I E T	Venka	Venka	Venka	Venka	Venka
48	MRS. M. Kalayani	Asst. Prof	V I E T	Kalyani	Kalyani	Kalyani	Kalyani	Kalyani
49	MR. N. V. Venendra	Asst. Prof	V I E T	N. Venka	N. Venka	N. Venka	N. Venka	N. Venka
50	Dr. G. Siva Kamma	Associate Prof	V I E T	G. Siva	G. Siva	G. Siva	G. Siva	G. Siva
51	MR. R. Ratna Kumari	Asst. Prof	V I E T	Ratna	Ratna	Ratna	Ratna	Ratna
52	MRS. M.S. Pavani	Asst. Prof	V I E T	Pavani	Pavani	Pavani	Pavani	Pavani
53	MR. D. Srinivas	Asst. Prof	V I E T	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas
54	MR. M. Thasun Kumar	Asst. Prof	V I E T	Thasun	Thasun	Thasun	Thasun	Thasun
55	MR. M. Thasun Kumar	Asst. Prof	V I E T	Thasun	Thasun	Thasun	Thasun	Thasun
56	MRS. I. Satya	Asst. Prof	V I E T	Ish	Ish	Ish	Ish	Ish
57	DR. A. Sriram Vikas	Asst. Prof	V I E T	Sriram	Sriram	Sriram	Sriram	Sriram
58	MRS. G. Jyelle Swathi	Asst. Prof	V I E T	Jyelle	Jyelle	Jyelle	Jyelle	Jyelle

S.No	Participant Name	Designation	Name of the Institute	21/08/2023	22/08/2023	23/08/2023	24/08/2023	25/08/2023
59	MR. P. Krishna Reddy	ASST. Prof	VIET	PK	RK	PK	PK	PK
60	Mr. MD AZARUDDIN	Assistant Professor	VIET	AZ	AZ	AZ	AZ	AZ
61	Mr. V. Rajendra	Asst. Prof	VIET	VR	VR	VR	VR	VR


 Head of the Department
 Department ME
 Vellore Institute of Engineering & Technology



VISAKHA

INSTITUTE OF ENGINEERING & TECHNOLOGY



(Accredited by NAAC with A grade, An ISO 9001:2015 Certified Institution)
(Approved by AICTE & Affiliated to JNTUGV, Vizianagaram, A.P)
88th Division, Narava, Visakhapatnam – 530027 Andhra Pradesh, INDIA.

Certificate of Participation

This is to certify that Mr. KAMALAKAR K, Assistant Professor

From Baba Institute of Technology and Sciences

has successfully participated in *A One Week Faculty Development Program* on

“Advancements and Innovations in Manufacturing for Industry 4.0 Transformation”

Organized by Department of Mechanical Engineering, VIET from **21/08/2023 to 25/08/2023.**

Coordinator

Dr. P.V.V. Satyanarayana
Ph.D, M.Tech, MBA, B.Tech

HOD

Dr. T. Satyanarayana
Ph.D, M.E, B.Tech

Principal

Dr. V. Sridhar Patnaik
Ph.D, M.Tech, B.Tech



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88th Division, Narava, Visakhapatnam – 530027 Andhra Pradesh, INDIA.

Certificate of Participation

This is to certify that Mr. GUNTUBOYINA HAREESH, Assistant Professor

From Sri Venkateswara College of Engineering & Technology

has successfully participated in *A One Week Faculty Development Program* on

“Advancements and Innovations in Manufacturing for Industry 4.0 Transformation”

Organized by Department of Mechanical Engineering, VIET from **21/08/2023 to 25/08/2023.**

Coordinator

Dr. P.V.V. Satyanarayana
Ph.D, M.Tech, MBA, B.Tech

HOD

Dr. T. Satyanarayana
Ph.D, M.E, B.Tech

Principal

Dr. V. Sridhar Patnaik
Ph.D, M.Tech, B.Tech



VISAKHA

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88th Division, Narava, Visakhapatnam – 530027 Andhra Pradesh, INDIA.

Certificate of Participation

This is to certify that Mr. G V LOVARAJU, Assistant Professor

From Sai Ganapathi Engineering College

has successfully participated in *A One Week Faculty Development Program* on

“Advancements and Innovations in Manufacturing for Industry 4.0 Transformation”
Organized by Department of Mechanical Engineering, VIET from **21/08/2023 to 25/08/2023.**

Coordinator

Dr. P.V.V. Satyanarayana
Ph.D, M.Tech, MBA, B.Tech

HOD

Dr. T. Satyanarayana
Ph.D, M.E, B.Tech

Principal

Dr. V. Sridhar Patnaik
Ph.D, M.Tech, B.Tech



VISAKHA
INSTITUTE OF ENGINEERING & TECHNOLOGY
Approved by AICTE NEW DELHI
(Affiliated to JNTU GV, VIZIANAGARAM)
8th Division, Narara, GVMC, Visakhapatnam-530027
08762 211111, 08762 211111



COLLEGE CODE
VSPT

PROCESS RECORDS FOR ACADEMICS

(VIET/MECH/2023)

Feed Back for "A One Week Faculty Development Program" On
Advancements and Innovations in Manufacturing for Industry 4.0 Transformation

DATE: 21-08-2023 to 25-08-2023

VENUE: VIET BLOCK-I SEMINAR HALL

PLEASE CIRCLE THE NUMBERS: 5 = EXCELLENT						4 = VERY GOOD	3 = GOOD
2 = SATISFACTORY						1 = BELOW SATISFACTORY	
Resource Person: Mr. Prakash Inturi, Director, Dyno PTS company.							
Topic: "Introduction to Industry 4.0 and Smart Manufacturing Systems using Deform-3D Software"							
Knowledge of The Speaker	1	2	3	4	5	Other remarks:	
Use Of Lecture	1	2	3	4	5	Nice Explanation	
Resource Person: Dr. V. Bindu Neeharika, Associate Professor, ANITS College.							
Topic: "Design for Additive Manufacturing"							
Knowledge of The Speaker	1	2	3	4	5	Other remarks:	
Use Of Lecture	1	2	3	4	5	Very Interesting	
Resource Person: Dr. B. Govinda Rao, Professor, Gayatri College.							
Topic: "Study of 3D Printing Technologies, Post- Processing Techniques and Industry Case Studies"							
Knowledge of The Speaker	1	2	3	4	5	Other remarks:	
Use Of Lecture	1	2	3	4	5	Good performing of Activities	
Resource Person: Dr. S. Sastry, Associate Professor, RGUKT Basara.							
Topic: "Introduction to Electric Vehicles Components and Systems"							
Knowledge of The Speaker	1	2	3	4	5	Other remarks:	
Use Of Lecture	1	2	3	4	5	Good Teaching	
Resource Person: Mr. B. Pavani Srikavya, Assistant Professor, Vignan College.							
Topic: "Smart Manufacturing Technologies, Future Prospects and Career Guidance"							
Knowledge of The Speaker	1	2	3	4	5	Other remarks:	
Use Of Lecture	1	2	3	4	5	future scope is Good.	

Name of the Participant: Mr. G.V. Lovarajee

Department: Mechanical

Registration No: Sri Ganapathi Engg College -

Overall Remarks:

Very Excellent in view of FDP



PROCESS RECORDS FOR ACADEMICS
(VIET/MECH/2023)

Feed Back for "A One Week Faculty Development Program" On
Advancements and Innovations in Manufacturing for Industry 4.0 Transformation

DATE: 21-08-2023 to 25-08-2023

VENUE: VIET BLOCK-1 SEMINAR HALL.

PLEASE CIRCLE THE NUMBERS: 5 = EXCELLENT							4 = VERY GOOD	3 = GOOD
2 = SATISFACTORY							1 = BELOW SATISFACTORY	
Resource Person: Mr. Prakash Inturi, Director, Dyno PTS company.								
Topic: "Introduction to Industry 4.0 and Smart Manufacturing Systems using Deform-3D Software"								
Knowledge of The Speaker	1	2	3	4	5	Other remarks:		
Use Of Lecture	1	2	3	4	5	Excellent		
Resource Person: Dr. V. Bindu Neeharika, Associate Professor, ANITS College.								
Topic: "Design for Additive Manufacturing"								
Knowledge of The Speaker	1	2	3	4	5	Other remarks:		
Use Of Lecture	1	2	3	4	5	Good Explanation		
Resource Person: Dr. B. Govinda Rao, Professor, Gayatri College.								
Topic: "Study of 3D Printing Technologies, Post- Processing Techniques and Industry Case Studies"								
Knowledge of The Speaker	1	2	3	4	5	Other remarks:		
Use Of Lecture	1	2	3	4	5	Very Interesting		
Resource Person: Dr. S. Sastry, Associate Professor, RGUKT Basara.								
Topic: "Introduction to Electric Vehicles Components and Systems"								
Knowledge of The Speaker	1	2	3	4	5	Other remarks:		
Use Of Lecture	1	2	3	4	5	Good teaching		
Resource Person: Mr. B. Pavani Sriavaya, Assistant Professor, Vignan College.								
Topic: "Smart Manufacturing Technologies, Future Prospects and Career Guidance"								
Knowledge of The Speaker	1	2	3	4	5	Other remarks:		
Use Of Lecture	1	2	3	4	5	Nice Teaching.		

Name of the Participant: Mr. Kamalakar K

Department: Mechanical

Registration No: Baba Institute of technology and Sciences

Overall Remarks:



PROCESS RECORDS FOR ACADEMICS

(VIET/MECH/2023)

Feed Back for "A One Week Faculty Development Program" On:
Advancements and Innovations in Manufacturing for Industry 4.0 Transformation

DATE: 21-08-2023 to 25-08-2023

VENUE: VIET BLOCK-1 SEMINAR HALL

PLEASE CIRCLE THE NUMBERS: 5 = EXCELLENT						4 = VERY GOOD	3 = GOOD
2 = SATISFACTORY						1 = BELOW SATISFACTORY	
Resource Person: Mr. Prakash Inturi, Director, Dyno PTS company.							
Topic: "Introduction to Industry 4.0 and Smart Manufacturing Systems using Deform-3D Software"							
Knowledge of The Speaker	1	2	3	4	5	Other remarks:	
Use Of Lecture	1	2	3	4	5	EXCELLENT	
Resource Person: Dr. V. Bindu Neeharika, Associate Professor, ANITS College.							
Topic: "Design for Additive Manufacturing"							
Knowledge of The Speaker	1	2	3	4	5	Other remarks:	
Use Of Lecture	1	2	3	4	5	VERY INTERESTING	
Resource Person: Dr. B. Govinda Rao, Professor, Gayatri College.							
Topic: "Study of 3D Printing Technologies, Post- Processing Techniques and Industry Case Studies"							
Knowledge of The Speaker	1	2	3	4	5	Other remarks:	
Use Of Lecture	1	2	3	4	5	GOOD EXPLANATION	
Resource Person: Dr. S. Sastry, Associate Professor, RGUKT Basara.							
Topic: "Introduction to Electric Vehicles Components and Systems"							
Knowledge of The Speaker	1	2	3	4	5	Other remarks:	
Use Of Lecture	1	2	3	4	5	NICE TEACHING	
Resource Person: Mr. B. Pavani Srikavya, Assistant Professor, Vignan College.							
Topic: "Smart Manufacturing Technologies, Future Prospects and Career Guidance"							
Knowledge of The Speaker	1	2	3	4	5	Other remarks:	
Use Of Lecture	1	2	3	4	5	GOOD TEACHING	

Name of the Participant: **MR. GUNTUBOYINA HAREESH** Department: **MECHANICAL**

Registration No: **VISAKHA INSTITUTE OF TECHNOLOGY & ENGINEERING**

Overall Remarks:



DEPARTMENT OF MECHANICAL ENGINEERING

"A One Week Faculty Development Program"

Advancements and Innovations in Manufacturing for Industry 4.0 Transformation

21st August 2023 – 25th August 2023

Date: 28.08.2023

Accounts statement for Rs 50,000/-

S.NO	Name of the Supplier		Invoice No & Date	Amount in Rs.	
1.	Resource Person's	Mr. Prakash Inturi, Director, Dyno PTS company	6,000	VOUCHER No 01 21-08-2023	36,000
		Dr. V. Bindu Neeharika, Associate Professor, ANITS College.	8,000	VOUCHER No 02 22-08-2023	
		Dr. B. Govinda Rao, Professor, Gayatri College.	8,000	VOUCHER No 03 23-08-2023	
		Dr. S. Sastry, Associate Professor, RGUKT Basara.	8,000	VOUCHER No 04 24-08-2023	
		Mr.B. Pavani Srikavya, Assistant Professor, Vignana College.	6,000	VOUCHER No 05 25-08-2023	
2.	Other Allowances	Mementos	5*500	Bill No: 2687 19-08-2023	2,500
		Shawls	5*300	Bill No: 2688 19-08-2023	1,500
		Banners	5*300	Bill No: 268 19-08-2023	1,500
		Inauguration Snakes (Tea, Water Bottle, Samosa, Jellaba)	3,000	Bill No: B986 21-08-2023	3,000
		Petrol	4,000		4,000
		Total			

Amount received from institute =

Rs.50,000/-

Total Expenditure =

Rs.48,500/-

Amount to be refunded to the Institute =

Rs.1,500/-

P.v.v. Saly
Coordinator of the FDP

[Signature]
HOD of Mechanical Dept.

Head of the Department
Department ME
Visakha Institute of Engg. & Tech.



VISAKHA
INSTITUTE OF ENGINEERING & TECHNOLOGY
Approved by AICTE NEW DELHI
(Affiliated to JNTUGV, VIZIANAGARAM)
88th Division, Nilrava, GVMC, Visakhapatnam-530027
www.visakhaengg.ac.in



COLLEGE CODE
VSPT


Report
on
A One Week Faculty Development Program on “Ethical Hacking”

From 04th to 8th Sep – 2023.

Organized By
Department of Computer Science Engineering
Visakha Institute of Engineering & Technology


Organiser

Mrs. A.S.C. Tejaswini
Head of the Department
VIET


FDP Coordinator
Kalla Vijay
Assistant Professor
VIET

PRINCIPAL



VISAKHA
INSTITUTE OF ENGINEERING & TECHNOLOGY
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88th Division, Narava, GVMC, Visakhapatnam-530027
WWW.VIET.VU.SRINAGAR.COM




COLLEGE CODE
VSPT

Report
on
A One Week Faculty Development Program on “Ethical Hacking”

From 04th to 8th Sep – 2023.

Organized By
Department of Computer Science Engineering
Visakha Institute of Engineering & Technology


Organiser
Mrs. A.S.C. Tejaswini
Head of the Department
VIET


FDP Coordinator
Kalla Vijay
Assistant Professor
VIET

PRINCIPAL

PROGRAM REPORT

Name of the program: "A One Week Faculty Development Program (FDP) on Ethical Hacking"

Date: 4th to 8th Sep – 2023

Resource Person:

Bosubabu Sambanu

MCA, M.Tech, AMIE(Ph.D)

Associate Professor Department of CSE

Lendi Institute of Engineering and Technology (A)

Vizianagaram

Andhra Pradesh.

Name of the Coordinator: Kalla Vijay, Assistant Professor, CSE.

No of Faculty Attended: 52

Objective of the FDP:

The Department of Computer Science and Engineering has successfully organized and conducted "A One Week Faculty Development Program on Ethical Hacking" from 4th to 9th Sep 2023. The event, conducted offline, attracted over 52 participants from academic and research Backgrounds, spanning locations within and outside Visakhapatnam.

The FDP covered crucial topics such as Introduce the Methodology & Framework, Enhancing the Security, Impact of Hacking, Types of Hackers, Information Security Models, and Frameworks of Steps. Mr Bosubabu Sambanu, Associate Professor Department of CSE, Lendi Institute of Engineering and Technology (A) Led the sessions.

The FDP provided valuable insights to all participants, contributing significantly to their knowledge and expertise in the realm of Ethical Hacking.

This FDP had been arranged in both morning and Afternoon slots

1) Morning Slot (From 09.30 A.M to 12.30 P.M)

2) Afternoon Slot (From 01.30 PM to 04.00 PM)

DAY-1

On **September 04, 2023**, The FDP session led by Mr Bosubabu Sambanu and discussed the topics Introduction to Ethical Hacking, Basics of Ethical Hacking, Introduction to Kali Linux in day 1.

Principal of VIET, Dr.V.SridharPatnaik, gave the warm welcome to the resource person and Faculty of our college participated in this workshop. He tells the importance of such technical FDP and awareness of Cyber Security.

Head of the Department Mrs. A.S.C.TejaswiniKone, gave the opening remarks and said that, This FDP was aimed at making the participants learning the basic Knowledge of Cyber Security Concepts, Kali Linux and various commands.



Day-2

On September 05, 2023, Second Day of the FDP, MrBosubabuSambanucovered the topics of Installation of Kali Linux and Basic Commands and Penetration Testing.



Day-3

On **September 06, 2023**, Third Day of the FDP, MrBosubabuSambanucovered the topics of Footprinting and Basics Techniques of Scanning,Hacking into Systems ,Passwords Cracking , Keyloggers.



Day-4

On **September 07, 2023**, Fourth Day of the FDP, MrBosubabuSambanuexplained the topics of Trojans and Backdoors ,working of Trojan,vck,sniffing .In addition to that he has given the some real time websites for calculating internet users all over the world and different secure web search engine;



Day-5

On **September 08, 2023**, Fifth Day of the FDP, MrBosubabuSambanuexplained the topics of Hands-on Foot printing ,pwd cracking and Key loggers, cryptography and watermarking. At the end of day particants understand the work of web applications, finding loopholes in web based services or applications, exploiting sql.



Program Outcomes

- Enriched Knowledge of faculties about cyber security through interaction with experts
- Faculties have benefited by this FDP and understood the basics of issues,challenges of Ethical Hacking
- Faculties have got the idea how to prevent from cyber-crime.

A. Chelvanayagi
HOD-CSE
Kovvur

PRINCIPAL

Visakha Institute of Engineering & Technology

(Approved by AICTE, New Delhi & Affiliated to JNTU(JGV, Vijayanagar.)

**FIVEDayFDP on
"ETHICAL HACKING"**

REGISTRATION FORM

1. Name of the Participant :
2. Name of the Institute :
3. Address of the Institute :
4. Affiliated to :
5. Branch & Year of Study :
6. Address for Communication :

7. Contact No. :
8. E-Mail Id :
9. Signature of the Participant(s):

Date:

Station: Visakhapatnam

PRINCIPAL

Chief Patron : Sri SatyaNarayana
Chairman

Patron : Dr. V. Seidhar Patnaik
Principal

Convener : Mrs.A.S.C.Tejaswini
HOD, CSE

Co-Ordinator:

MrsM.Sowjanya
Assistant Professor,
Department of CSE
VIET, Visakhapatnam.

Advisory Committee:

Mr. M.UdayBhaskar, HoD, BS & H
Mr. K.S.B.Vara Prasad, HoD, EEE
Ms. V.Bhargavi, HoD, Civil
Dr. T.SatyaNarayana HoD, Mech
Dr. A.Tulasi Naidu, HoD, MBA
Mr. B.JeevanRao, HoD, ECE
Dr.K.RajaBabu HoD, MCA

For further details:

MrsM.Sowjanya
Assistant Professor,
Department of CSE
VIET, Visakhapatnam.

**FIVE Day FDP on
"Ethical Hacking"**

On
04-09-2023 to 08-09-2023



Organized By

**Department of Engineering
Visakha Institute of
Engineering & Technology**

(Approved by AICTE & Affiliated to JNTUK, Kakinada, A.P)
57th Division, Narava
VISAKHAPATNAM – 530 027
Andhra Pradesh, INDIA.

Visakha Institute of Engineering & Technology

(Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada.)

Visakha Institute of Engineering & Technology was established in the year 2008, with the sole ambition of giving good and purposeful education to the students. Our students made a mark of excellence by giving the best performance and brought many laurels to this institution. We strongly believe that it was achieved by the students with the support and guidance of efficient teaching faculty, which we are proud and committed to one cause that is to create and develop educational facilities, in order to train deserving young students. The college is located in serene and pollution free environment at Narava 6 km from Gopalapatnam and Air Port. The campus is spread over 10 acres of scenic landscape which is an ideal place.

ABOUT THE DEPARTMENT:

Recognizing the overwhelming demand for computer engineering education, the Institute started the 4 year B.Tech course in Computer Science and Engineering in 2008 with an intake of 60, and M.Tech (CSE) Programme M.Tech

is approved by AICTE. The students are facilitated with sufficient number of computers with the latest LAN/WAN configuration. Networked with Hi-end servers, Fiber Optic Network Backbone for connectivity providing users access to the Reliance 4Mbps & BSNL 50Mbps VPN broadband facilities. The computer laboratory has systems with latest configuration. It has a LAN environment operating Windows XP and Linux. All the two environments are connected and operating with TCP/IP protocol. With the objective of being responsive to industry needs, the course goes beyond fulfilling the syllabus requirements of the university and offers students opportunities to work on the different hardware and software platforms prevalent in industry.

ABOUT ONE WEEK FACULTY DEVELOPMENT PROGRAM

As the impact of security incidents in small and large organizations has increased significantly, so has the demand for Ethical Hacking. Ethical hacking is one of the most effective tools of safeguarding assets and protecting people and Information. Ethical hacking certification is slowly becoming a standard requirement for professionals who want to work in the field of information security.

CONTENTS OF THE ONE WEEK CERTIFICATE PROGRAM

- Introduction the methodology & Framework
- Enhancing the security
- Impacts of Hacking
- Types of Hackers
- Information Security Models
- Frameworks of steps

ELIGIBILITY AND SELECTION

Teaching Staff/Research Scholars

REGISTRATION

Registration fees for the participants 150/- Rupees Only. The application in the attached format is to be sent to the Coordinator on or before XXXX. The incomplete applications will not be considered.



shutterstock.com + 2432577043

Resource Persons: Bosubabu Sambanu

MCA, M.Tech, AMIE(Ph.D)
Associate Professor
Department of CSE

Lendi Institute of Engineering and
Technology (A), Vizianagaram
Andhra Pradesh.

Organizing Committee:

Mrs. K. Sowjanya
Mrs. K. Prasanna Latha
Mr. B. Venkata Rao
Ms. N. Amulya
Mrs. B. Shalini
Mrs. D. Haritha
Mrs. K. Rukmini Durga



VISAKHA
INSTITUTE OF ENGINEERING & TECHNOLOGY
(AUTONOUS)

Approved by AICTE NEW DELHI & Permittedly Affiliated to JNTUHYD, Hyderabad
K. R. Reddy, Hyderabad, Andhra Pradesh, 500072, India
E-mail: visakha@vishnu.ac.in admission@vishnu.ac.in
Website: www.vishnu.ac.in



Certificate of Participation

This is to certify that Mr. /Ms. /Mrs.of
Has participated in a "Five days Faculty Development Program on Ethical Hacking",
Organized by Department of Computer Science and Engineering, VISAKHA INSTITUTE
OF ENGINEERING & TECHNOLOGY from 4th September 2023 to 8th September 2023.

Program Coordinator

Mr. K. VIJAY

HOD

Mrs. A.S.C Tejaswini Kone

Principal

Dr. V. Sridhar Patnaik



Faculty Attendance Sheet

Name of the Program: FDP on "Ethical Hacking".

Date: 4th & 08th september - 2024

Department: Computer Science Department

S.No.	NAME OF THE FACULTY	DESIGNATION	COLLEGE NAME	SIGNATURES				
				04-09-2023	05-09-2023	06-09-2023	07-09-2023	08-09-2023
1.	Dr. A.S.C. Tejanani Kore	Assoc. Prof. CSE HOD	VIET	<i>Tejanani Kore</i>	<i>Tejanani Kore</i>	<i>Tejanani Kore</i>	<i>Tejanani Kore</i>	<i>Tejanani Kore</i>
2.	D. Hanitha	Asst. Prof	VIET	<i>DH</i>	<i>DH</i>	<i>DH</i>	<i>DH</i>	<i>DH</i>
3.	H. Sowjanya	Asst. prof	VIET	<i>H</i>	<i>H</i>	<i>H</i>	<i>H</i>	<i>H</i>
4.	A. NAVYA	Asst. Prof	Welfare Engg & Colln	<i>AN</i>	<i>AN</i>	<i>AN</i>	<i>AN</i>	<i>AN</i>
5.	M. Rukmini Durga	Asst. prof	VIET	<i>RD</i>	<i>RD</i>	<i>RD</i>	<i>RD</i>	<i>RD</i>
6.	Shalini Bhosale	Asst. prof	VIET	<i>SB</i>	<i>SB</i>	<i>SB</i>	<i>SB</i>	<i>SB</i>
7.	G. Padmaja	Asst. prof	VIET	<i>GP</i>	<i>GP</i>	<i>GP</i>	<i>GP</i>	<i>GP</i>
8.	CH. Veermai Naidu	Asst. Prof	VIET	<i>CV</i>	<i>CV</i>	<i>CV</i>	<i>CV</i>	<i>CV</i>
9.	K. Sudheer Kumar	Asst. Prof	VIET	<i>SK</i>	<i>SK</i>	<i>SK</i>	<i>SK</i>	<i>SK</i>
10.	M. R. L. Saranya	Asst. prof	VIET	<i>MS</i>	<i>MS</i>	<i>MS</i>	<i>MS</i>	<i>MS</i>
11.	M. Bhaskara Naidu	Asst. prof	VIET	<i>MB</i>	<i>MB</i>	<i>MB</i>	<i>MB</i>	<i>MB</i>

Name of the Program: Five days FDP on "Ethical Hacking".



VISAKHHA
INSTITUTE OF ENGINEERING & TECHNOLOGY
APPROVED BY AICTE, NEW DELHI
PONDICHERRY UNIVERSITY
ESTABLISHED IN 1984



Date: 4th & 08th september - 2024

Department: Computer Science Department

S.No.	NAME OF THE FACULTY	DESIGNATION	COLLEGE	SIGNATURE				
				04-09-2023	05-09-2023	06-09-2023	07-09-2023	08-09-2023
13	Ch. Sai Kiran	Asst professor	VIET	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
14	T. Santosh	Asst. prof	VIET	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
15	R. Mahalakshmi	Asst professor	VIET	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
16	Iyothi Ravi S	Asst. prof	VIET	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
17	Dr. B. Jeyaraj	Asst. prof	VIET	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
18	M. Hemant Kumar	Asst. prof	VIET	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
19	U. Prady	Asst. prof	VIET	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
20	K.M. Pruthi	Asst. prof	VIET	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
21	DR P.V. Srinivasan	Asst. prof	VIET	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
22	A. Renuka	Asst. prof	VIET	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
23	Ch. Kiran Kumar	Asst. prof	VIET	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
24	Korada. Karalabini	Asst. prof	VIET	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

Name of the Program: Five days FDP on "Ethical Hacking".

Date: 04-09-2023 to 08-09-2023

Department: Computer Science Department



VISAKHAPATNAM UNIVERSITY
 INSTITUTION FOR ACQUISITION OF KNOWLEDGE
 AND DEVELOPMENT OF HUMAN RESOURCES
 VISAKHAPATNAM



S.No.	NAME OF THE FACULTY	DESIGNATION	COLLEGE	SIGNATURE				
				04-09-2023	05-09-2023	06-09-2023	07-09-2023	08-09-2023
25	K.Prasanna Saha	Asst. Prof.	VIET	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
26	M. RAMSABU	Asst. Prof.	VIET	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
27	Y. Raju	Asst. Prof.	VIET	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
28	K. Sankar	Asst. Prof.	VIET	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
29	S. Kalpana	Asst. Prof.	VIET	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
30	P. Venkatesh	Asst. Prof.	VIET	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
31	V. Sathya	Asst. Prof.	VIET	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
32	B. Venkata Rao	Asst. Prof.	VIET	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
33	M. USHA	Asst. Prof.	VIET	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
34	K. VIJAY	Asst. Prof.	VIET	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
35	Dr. D. Sanku Rao	Asst. Prof.	VIET	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
36	D. Sai Krishna	Asst. Prof.	NSRIT	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

Name of the Program: Five days FDP on "Ethical Hacking".

Date: 04-09-2023 to 08-09-2023

Department: Computer Science Department



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INSTITUTE OF RESEARCHING & TECHNOLOGY
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(Affiliated to Anna University, Chennai)
Approved by All India Council of Technical Education
Approved by All India Council of Technical Education
Approved by All India Council of Technical Education



S.No.	NAME OF THE FACULTY	DESIGNATION	COLLEGE	SIGNATURE				
				04-09-2023	05-09-2023	06-09-2023	07-09-2023	08-09-2023
37	Suresh	Asst-Professor	VIET	S	S	S	S	S
38	B. Lakshman Rao	Asst-Professor	KLU	B	B	B	B	B
39	P. Prasad	Asst-Professor	VIET	P	P	P	P	P
40	K. Dasana	Asst-Professor	VIET	K	K	K	K	K
41	M. Rajeswari	Asst-Professor	VIGNAN	M	M	M	M	M
42	G. Anuradha Devi	Asst-Professor	VIET	G	G	G	G	G
43	K. Prasanna Latha	Asst-Professor	VIET	K	K	K	K	K
44	S. Swarnop	Asst-Professor	LEND'S	S	S	S	S	S

A. S. Lakshminarayanan
HOD
Kene

PRINCIPAL



Visakhapatnam,
Date: 03-09-2023

CIRCULAR

All the Faculty of Electrical and Electronics Engineering are hereby informed that our college is organizing a Five days FDP on "Artificial intelligence And Machine learning Using MATLAB for Renewable Energy Applications" from 11-09-2023 to 15-09-2023 in Visakha Institute of Engineering & Technology, Narava. All the Faculty of Department of Electrical and Electronics Engineering is informed to attend this program and to make it a success.


Principal
VISAKHA INSTITUTE OF
ENGINEERING & TECHNOLOGY
Narava, Visakhapatnam-530 027.

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Visakha Institute of Engineering & Technology

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**A FIVE DAYS FDP on
"Artificial intelligence And Machine learning
Using MATLAB for Renewable Energy
Applications".**

REGISTRATION FORM

1. Name of the Participant :
2. Name of the Institute :
3. Address of the Institute :
4. Affiliated to :
5. Address for Communication:

6. Contact No. :
7. E-Mail Id :
8. Signature of the Participant(s):

Registration Fees: - Rs. 200/-

Date:

Station: Visakhapatnam

Chief Patron : Sri G Satyanarayana
Chairman

Patron : Dr. V. Sridhar Patnaik
Principal

Convener : Mr. VARAPRASAD K S B
HOD, EEE

Co-Ordinator: Mr. B.GANESH
Assistant Professor

Advisory Committee:

- | | |
|---------------------------|----------|
| 1. Mr. VARAPRASAD K S B | HOD-EEE |
| 2. Mr. ASC TEJASWINI KONE | HOD-CSE |
| 3. Mr. B JEEVAN RAO | HOD-ECE |
| 4. Dr. T.SATYANARAYANA | HOD-MECH |

For further details:

- | | |
|------------------|------------|
| 1. G.GRAVITEJA | 9951348989 |
| 2. R.MAHALAKSHMI | 9381255410 |

**A FIVE DAYS FDP on
"Artificial intelligence And Machine learning
Using MATLAB for Renewable Energy
Applications".**

On
11-09-2023 to 15-09-2023



Organized By

**Department of Electrical and
Electronics Engineering
Visakha Institute of
Engineering & Technology**

(Approved by AICTE & Affiliated by JNTUK, Kakinada, A.P)

88th Division, Narava

VISAKHAPATNAM - 530 027
Andhra Pradesh, INDIA.

Visakha Institute of Engineering & Technology

(Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada.)

Visakha Institute of Engineering & Technology was established in the year 2008, with the sole ambition of giving good and purposeful education to the students. Our students made a mark of excellence by giving the best performance and brought many laurels to this institution. We strongly believe that it was achieved by the students with the support and guidance of efficient teaching faculty, which we are proud and committed to one cause that is to create and develop educational facilities, in order to train deserving young students. The college is located in serene and pollution free environment at Narava 6 km from Gopalapatnam and Air Port. The campus is spread over 10 acres of scenic landscape which is an ideal place.

ABOUT THE DEPARTMENT:

The Department of Electrical And Electronics Engineering Established as one of the major departments of the Institute, the Department of Electrical and Electronics Engineering Visakha Institute of Engineering and Technology strives to produce highly competent engineers equipped with advanced professional knowledge, professional and ethical attitude, entrepreneurial thinking, analytical skills and critical problem solving through effective teaching learning process, research and industrial collaboration. The department has well equipped laboratories such as Electrical Machines laboratory, Power Systems Laboratory, Control Systems laboratory, Electrical Measurements laboratory software like MATLAB & P-Spice.

ABOUT FIVE DAYS FACULTY DEVELOPMENT PROGRAM

- This five-day FDP on "Artificial Intelligence And Machine learning Using MATLAB for Renewable Energy Applications". This program deals with its full implementation, MATLAB empowers engineers and scientists to use artificial intelligence to their domain and enables collaboration across teams and organizations in various industries.

CONTENTS OF THE FIVE DAYS FACULTY DEVELOPMENT PROGRAM

- Artificial Intelligence (AI) and Machine Learning (ML) techniques have been applied to Renewable Energy Systems (RES) for several years, and their intensity and scope have grown in recent years. Since artificial intelligence and machine learning have a wide range of applications, it may be difficult to select and implement suitable methods for future research.
- This FDP will bring together faculty members from different engineering colleges and industrial fields to update their technical knowledge in the field of AI & ML. techniques have been applied to Renewable Energy Systems (RES).



Resource Persons:

1. **Dr.K Anjiah**, Assistant Professor, GIET Gunpur.
2. **Mr.T.Santhosh**, Assistant Professor, VIET, Visakhapatnam.

Organizing Committee:

- | | |
|---------------------|-------------|
| 1. VARAPRASAD K S B | HOD-EEE |
| 2. TSRINU | Dept.of EEE |
| 3.R.MAHALAKSHMI | Dept.of EEE |
| 4. S.JYOTHIRANI | Dept.of EEE |



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88th Division, Narava, GVMC, Visakhapatnam-530027
DIPLOMA ENGINEERING MANAGEMENT



COLLEGE CODE
VSPT

Certificate of Participation

This is to certify that Mr./Mrs. _____

of _____ has participated in the Five-day Faculty development Program on "Artificial intelligence And Machine learning Using MATLAB for Renewable Energy Applications" organized by Department of Electrical and Electronics Engineering, Visakha Institute of Engineering & Technology from **11-09-2023 to 15-09-2023.**

(Mr. B.Ganesh)
Coordinator

(Mr.K.S.B.Varaprasd)
Chief-Coordinator

(Dr.V.Sridhar Patnaik)
Principal



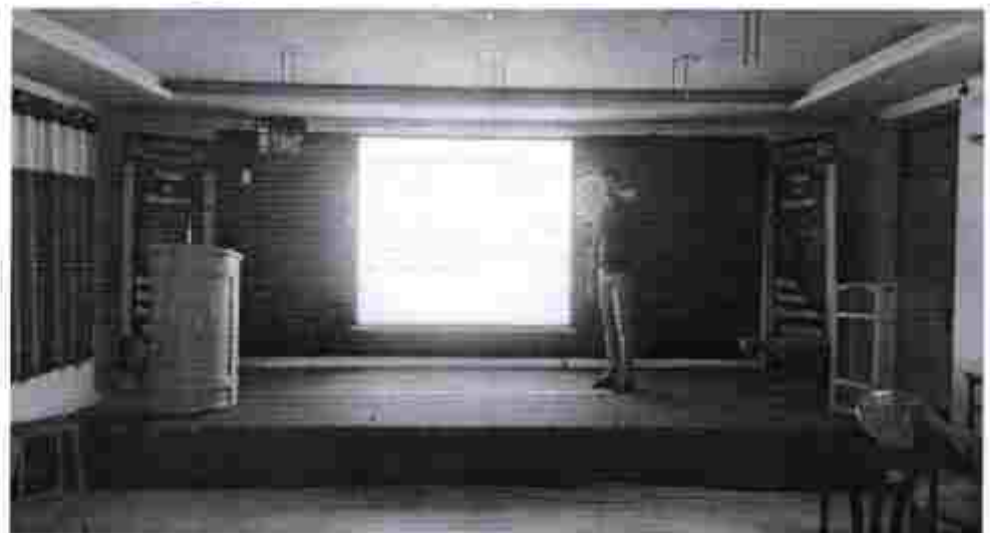
PROGRAM REPORT

Date: 19-09-2023

TITLE OF THE EVENT:	Five-day FDP on “Artificial intelligence And Machine learning Using MATLAB for Renewable Energy Applications”
RESOURCE PERSON NAME(s) :	1. Dr. K. Anjaiah, Assistant Professor, GIET Ph: 7989162467 Email: anjaiah22eee@gmail.com, 2. Mr. T. Santhosh, Assistant Professor, VIET Ph: 9000041787 Email: santhosh@viuet.ac.in
DURATION:	Five days
DATES:	11/09/2023 TO 15/09/2023
NO. OF PARTICIPANTS:	48
DESCRIPTION:	<p>The Department of EEE conducted a Five-Day Hybrid Mode Faculty Development Program on “Artificial intelligence And Machine learning Using MATLAB for Renewable Energy Applications”, during: 11th – 15th Sept., 2023.</p> <p>First Day: Session is engaged by Dr. K. Anjaiah, Assistant Professor, GIET, Gunpur, Odissa. He given complete overview about Recent advancements in data science and artificial intelligence, as well as the development of clean and sustainable energy sources, have created numerous opportunities for energy researchers to conduct their studies. Artificial Intelligence (AI) and Machine Learning (ML) techniques have been applied to Renewable Energy Systems (RES) for several years, and their intensity and scope have grown in recent years.</p>



Second Day: This session is engaged by **Dr. K. Anjaiah, Assistant Professor, GIET, Gunpur, Odissa**. He given the Considering the wide application of artificial intelligence and machine learning methods, the rapid development of renewable energy sources, and the increasing interest in using new technologies in energy systems, this paper attempts to introduce various artificial intelligence methods for modelling, optimizing, and classifying their applications in renewable energy systems.



Third Day: This session is engaged by **Mr. T. Santosh, Assistant Professor, VIET, and Visakhapatnam**. He gave the presentation on to fulfil these purposes; at first, in the method part, a brief overview of each method will be presented with the



necessary information to understand and deploy them. Then, in the Result section, a comprehensive review will be conducted on the applications of each method, and they will be categorized based on the share of usage in different parts of renewable energy systems (e.g., solar systems, wind systems, etc.) in the Discussion.

Fourth Day: Resource person Mr. Mr.T.Santosh, Assistant Professor, VIET, Visakhapatnam discussed about Following the goals of the present study, which were outlined in the introduction, a number of the most well-known and widely utilized AI modelling and optimization techniques have been subjected to a comprehensive investigation. The most important question to ask in this situation is, Which method (or methods) would be most appropriate for solving our problems? In fact, the performance of the various methods that were described in detail differed, and this was due to a variety of factors.

Fifth Day: Resource person given overview of various smart grid energy management. He suggested some ongoing research problems to the participants in the area in recent years, as environmental concerns, particularly global warming, have gained prominence, there has been a heightened emphasis and attention directed towards the expansion of renewable energy sources. A significant number of researchers worldwide have initiated the development, simulation, modelling, and experimental testing of renewable energy systems spanning from household levels to the scale of an entire nation or state.

HEAD OF THE DEPARTMENT

PRINCIPAL
 VISAKHA INSTITUTE OF
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 NARSIKA, VISAKHAPATNAM-530027



Name of the Program: Five days FDP on "Artificial intelligence And Machine learning Using MATLAB for Renewable Energy Applications".

Date: 11-09-2023 to 16-09-2023

Department: Electrical & Electronics Engineering

S.No.	NAME OF THE FACULTY	DESIGNATION	COLLEGE	SIGNATURE				
				11-09-2023	12-09-2023	13-09-2023	14-09-2023	15-09-2023
1	K. S. B. Vasireddy	Asst. Prof.	VIET	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
2	Dr. J. S. Narayana	Assoc. Prof.	VIET	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
3	Dr. P. V. Sankaraprasada	Asst. Prof.	VIET	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
4	[Signature]	"	"	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
5	K. Ramesh	Asst. Prof.	VIET	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
6	K. Ravindra	Asst. Prof.	K.P	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
7	CH. Veerunaidu	Asst. Prof.	VIET	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
8	CH. KIRAN KUMAR	Asst. Prof.	VIET	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
9	C. V. Ganesha	"	"	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
10	P. Srinani	"	"	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
11	Dr. K. Dayana	"	VIET	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
12	K. Chandana	"	"	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
13	Vasireddy S. B.	Asst. Prof.	VIET	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
14	B. Ganesh	Asst. Prof.	VIET	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
15	K. L. S. Kumari	Asst. Prof.	VIET	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
16	Ch. Anandaramaiah	Asst. Prof.	"	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
17	G. Ravi Teja	Asst. Prof.	"	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
18	A. L. V. Swathi	Asst. Prof.	"	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
19	B. Rohini	Asst. Prof.	"	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
20	S. Jyothi Rani	"	"	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]



VISAKHA
 INSTITUTE OF ENGINEERING & TECHNOLOGY
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 (Affiliated to JNTUGV, VIZIANAGARAM)
 57th Division, Narava, GVMC, Visakhapatnam-530027
 DISTANCE EDUCATION MANAGEMENT



COLLEGE CODE
VSPT

Date: 12-02-2024.

CIRCULAR

This is to inform that the Department of Basic Sciences & Humanities is organizing a one week Faculty development Program on “Recent Advances in Physics and Chemical sciences for Engineering & Technology” from 19-02-2024 to 24-02-2024 in Visakha Institute of Engineering & Technology, Narava. All the teaching staff are informed to attend this program and to make it a success.

Venue: SEMINAR HALL, BLOCK-I.

Principal
PRINCIPAL
VISAKHA INSTITUTE OF
ENGINEERING & TECHNOLOGY
 57th Division, Narava, VISAKHAPATNAM-27

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88th Division, Narava, GVMC, Visakhapatnam-530027
DIPLOMA IN ENGINEERING MANAGEMENT



COLLEGE CODE
VSPT

PROGRAM REPORT

Date: 01-03-2024

TITLE OF THE EVENT: A One week Faculty Development Program on “ Recent Advances in Physics and Chemical Sciences for Engineering & Technology ”

RESOURCE PERSON NAME: Dr. Martin brittodhas, Associate Professor, Sacred heart college, Tirupattur, Tamil Nadu.
Dr.G.Shankar, Assistant Professor, Thiruvallur Heart college, Rasipuram, Namakkal, Salem, TamilNadu.
Dr.Senthil kumar, Vice Principal, Hod of Science and Humanities.

DURATION: One week

DATES: 19/02/2024 & 24/02/2024

NO. OF PARTICIPANTS: 30



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88th Division, Narava, GVMC, Visakhapatnam-530027
DIPLOMA ENGINEERING MANAGEMENT



COLLEGE CODE
VSPT

On the fifth day of FDP which was February 23, 2024, Resource Person, Dr.Senthil kumar,Vice –Principal, Hod of Science and Humanities, sir, had interacted with the teaching staff and addressed about Applications of physics and chemical sciences in electronics, semiconducting materials and nano technology

On the sixth day of FDP which was February 24, 2024, Resource Person, Dr.Senthil kumar sir, had interacted with the teaching staff and addressed about the importance of Applications of chemical sciences and its advancement in Bio sensors and Liquid Crystal Display.

At the end of the session The Resource persons were felicitated by the Chairman G. Satyanarayana, VIET, Principal, Dr. V. Sridhar Patnaik, and HOD, M.Uday Bhaskar.

The programme was finally winded up with vote of thanks by Mrs.Sudheepthi, Assistant Professor in English,

HEAD OF THE DEPARTMENT

PRINCIPAL
PRINCIPAL
VISAKHA INSTITUTE OF
ENGINEERING & TECHNOLOGY
57th Division, Narava, VISAKHAPATNAM-27

Department: Basic Sciences & Humanities
 Name of the Program: A One week Faculty development Program on
 "Recent Advances in Physics and Chemical Sciences for Engineering & Technology"
 Attendance Sheet

S.No	Name of the faculty	19-02-24	20-02-24	21-02-24	22-02-24	23-02-24	24-02-24	signature of the faculty
1	P. V. D. D. D.	✓	✓	✓	✓	✓	✓	
2	S. Kalpana	✓	✓	✓	✓	✓	✓	
3	V. Srinivasan	✓	✓	✓	✓	✓	✓	
4	D. Ravi	✓	✓	✓	✓	✓	✓	
5	K. Sudharani	✓	✓	✓	✓	✓	✓	
6	K. Vasalatha	✓	✓	✓	✓	✓	✓	
7	P. Charitha	✓	✓	✓	✓	✓	✓	
8	K. Vasanthi	✓	✓	✓	✓	✓	✓	
9	Ch. Prasanna	✓	✓	✓	✓	✓	✓	
10	K. Prasanna	✓	✓	✓	✓	✓	✓	
11	K. VIJAY	✓	✓	✓	✓	✓	✓	
12	S.R. Lakshmi	✓	✓	✓	✓	✓	✓	
13	A. Dhana Lakshmi	✓	✓	✓	✓	✓	✓	
14	M. Rubini Devi	✓	✓	✓	✓	✓	✓	
15	M. Usha	✓	✓	✓	✓	✓	✓	
16	M. Sowjanya	✓	✓	✓	✓	✓	✓	
17	Ch. Divya	✓	✓	✓	✓	✓	✓	
18	B. Anura	✓	✓	✓	✓	✓	✓	
19	J. Sankar	✓	✓	✓	✓	✓	✓	
20	R. Sathya	✓	✓	✓	✓	✓	✓	
21	Jyothi Devi	✓	✓	✓	✓	✓	✓	
22	Y. Priyanka	✓	✓	✓	✓	✓	✓	
23	Dr. K. Anuradha	✓	✓	✓	✓	✓	✓	
24	L. Geetha	✓	✓	✓	✓	✓	✓	
25	K.M. Preethi	✓	✓	✓	✓	✓	✓	
26	V. Kalpana	✓	✓	✓	✓	✓	✓	
27	V. Kalpana	✓	✓	✓	✓	✓	✓	
28	J. Anitha	✓	✓	✓	✓	✓	✓	
29	S. Tejaswini	✓	✓	✓	✓	✓	✓	
30	K. Jagannatha	✓	✓	✓	✓	✓	✓	


 PRINCIPAL
 VISA... INSTITUTE OF
 ENGINEERING & TECHNOLOGY
 Narava, Visakhapatnam-530 027.

Visakha Institute of Engineering & Technology

(Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada.)

A One week FDP on "Recent Advances in Physics and Chemical Sciences for Engineering & Technology"

REGISTRATION FORM

1. Name of the Participant :
2. Name of the Institute :
3. Address of the Institute :
4. Affiliated to :
5. Address for Communication :

6. Contact No. :
7. E-Mail Id :
8. Signature of the Participant(s):

Date:

Station: Visakhapatnam

Chief Patron : Sri G.Satyanarayana
Chairman.

Patron : Dr. V.Sridhar Patnaik
Principal.

Convener : M.Uday Bhaskar
HOD, BS&H.

Co-Ordinators:

1. Dr.Sk.Raziya
Associate Professor.
2. V.Sai Bhavana
Assistant Professor.

Advisory Committee:

1. S.Kalpana
Assistant Professor
2. K.Vara Lakshmi
Assistant Professor

For further details:

A One week FDP on "Recent Advances in Physics and Chemical Sciences for Engineering & Technology"

19-02-2024 to 24-02-2024



Organized By

Department of Basic Science & Humanities

Visakha Institute of Engineering & Technology

(Approved by AICTE & Affiliated to JNTUK, Kakinada, A.P)
57th Division, Narava, VISAKHAPATNAM –
530 027. Andhra Pradesh, INDIA.



VISAKHA



INSTITUTE OF ENGINEERING & TECHNOLOGY

CERTIFICATE OF PARTICIPATION

PROUDLY PRESENTED TO :

P. Charishma

A One week FDP is organized successfully by Basic Science & Humanities on "Recent Advances in Physics and chemical Sciences for Engineering & Technology" from 19-02-2024 to 24-02-2024.

S. Kalpana

CO ORDINATOR

V. S. S. S.

CONVENOR

[Signature]

PRINCIPAL
VISAKHA INSTITUTE OF

ENGINEERING & TECHNOLOGY
Narava, Visakhapatnam-530 027.



VISAKHA



INSTITUTE OF ENGINEERING & TECHNOLOGY

CERTIFICATE OF PARTICIPATION

PROUDLY PRESENTED TO :

S. Kalpana

A One week FDP is organized successfully by Basic Science & Humanities on " Recent Advances in Physics and chemical Sciences for Engineering & Technology " from 19-02-2024 to 24-02-2024.

SK

CO ORDINATOR

KL

CONVENOR

[Signature]

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VISAKHA INSTITUTE OF
ENGINEERING & TECHNOLOGY
Narava, Visakhapatnam-530 027



VISAKHA



INSTITUTE OF ENGINEERING & TECHNOLOGY

CERTIFICATE OF PARTICIPATION

PROUDLY PRESENTED TO :

Dr. Sr. Raziya

A One week FDP is organized successfully by Basic Science & Humanities on "Recent Advances in Physics and chemical Sciences for Engineering & Technology" from 19-02-2024 to 24-02-2024.

S. Kalpana

CO ORDINATOR

[Signature]

CONVENOR

[Signature]

PRINCIPAL
VISAKHA INSTITUTE OF

Narava, Visakhapatnam-530 027.



VISAKHA



INSTITUTE OF ENGINEERING & TECHNOLOGY

CERTIFICATE OF PARTICIPATION

PROUDLY PRESENTED TO :

M. Uday Bhaskar

A One week FDP is organized successfully by Basic Science & Humanities on " Recent Advances in Physics and chemical Sciences for Engineering & Technology " from 19-02-2024 to 24-02-2024.

S. Kalpana

CO ORDINATOR

V. S. S. S.

CONVENOR

[Signature]

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VISAKHA INSTITUTE OF

Narava, Visakhapatnam-530 027.



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INSTITUTE OF ENGINEERING & TECHNOLOGY

CERTIFICATE OF PARTICIPATION

PROUDLY PRESENTED TO :

Korada. Varalakshmi

A One week FDP is organized successfully by Basic Science & Humanities on " Recent Advances in Physics and chemical Sciences for Engineering & Technology " from 19-02-2024 to 24-02-2024.

S. Kalpana

CO ORDINATOR

[Signature]

CONVENOR

PRINCIPAL
VISAKHA INSTITUTE OF
ENGINEERING & TECHNOLOGY
Narava, Visakhapatnam-530 027.



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(Affiliated to JNTUUV, VIZIANAGARAM)
5th Division, Narava, GVMC, Visakhapatnam-530027
DIPLOMA IN ENGINEERING MANAGEMENT



COLLEGE CODE
VSPT

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

One-week Faculty Development program

On

**“EMERGING TRENDS IN COMMUNICATION AND SIGNAL
PROCESSING”**

Dates: 18-03-2024 to 24-03-2024

Registration Link : <https://forms.gle/hEXEIPWicHTbtsSz6>

Eminent Speakers



Dr. S. Koteswara Rao,

Professor (Former Scientist 'G', NSTL, DRDO, Mins of Def),

Department of Electronics and Communication Engineering, KJ.SOMAJI
(Deemed to be University)



Dr. J. Babu,

Professor, Dr. Lakshminarayana Bullayya College of Engineering, Visakhapatnam



Dr. Ratnala Venkata Siva Harish,

Assistant Professor, ECE Dept., ST. ANN'S college of Engineering and
Technology, Chirala



Mr. B. Jeevan Rao,

Associate Professor, Visakha Institute of Engineering and Technology,
Narava



Dr. Kausar Jahan,

Associate Professor, Visakha Institute of Engineering and Technology, Narava



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 (Affiliated to JNTUGV, VIZIANAGARAM)
 80th Division, Narava, GVMC, Visakhapatnam-530027
 DIPLOMA IN ENGINEERING / B.TECH / M.TECH



COLLEGE CODE
VSPT

Ref: VIET/ECE/CIR-27/2023-24

Date: 11.03.2024

CIRCULAR

This is to inform the entire faculty that a one - week FDP on “**EMERGING TRENDS IN COMMUNICATION AND SIGNAL PROCESSING**” will be conducted by Department of Electronics & Communication Engineering from 18-03-2024 to 24-03-2024 to enhance your skills. The entire faculty are hereby informed to register in the programs on 11-03-2024 onwards without fail.

Registration Link: <https://forms.gle/hEXEfPWicHTbtsSz6>

Dr. V. V. S. Rao
 11/3/24
 PRINCIPAL
 VISAKHA INSTITUTE OF
 ENGINEERING & TECHNOLOGY
 80th Division, Narava, VISAKHAPATNAM.

IQAC	R&D	CIVIL	EEE	ME/ AME	ECE	CSE	BS&H	MBA
<i>Keth</i>	<i>Shree</i>	<i>Ilango</i>	<i>L. V. S.</i>	<i>S. J.</i>	<i>J.</i>	<i>Vijay</i>	<i>Ravi</i>	<i>A.</i>

Visakha Institute of Engineering & Technology

www.viet.ac.in, 0894 2366600, 0894 2366601

Visakha Institute of Engineering & Technology was established in the year 2004, with the sole mission of giving good and purposeful education to the students. Our students made a mark of excellence by giving the best performance and brought many laurels to this institution. We strongly believe that it was achieved by the students with the support and guidance of efficient teaching faculty, which we are proud and committed to one cause that is to create and develop educational facilities, in order to train deserving young students. The college is located in serene and pollution free environment at Narava 6 km from Gopalapattanam and Ak Part. The campus is spread over 10 acres of scenic landscape which is an ideal place.

ABOUT THE DEPARTMENT:

The Department of Electronics and Communications Engineering (ECE) involves researching, designing, developing, and testing electronic equipment used in various systems. Electronics and Communications engineers also conceptualize and oversee the manufacturing of communications and broadcast systems. This stream of engineering deals with analog transmission, basic electronics, microprocessors, solid-state devices, digital and analog communication, analog integrated circuits, microwave engineering, satellite communication, antenna, and wave propagation.

ABOUT ONE WEEK FDP

This One-week Faculty Development program "EMERGING TRENDS IN COMMUNICATION AND SIGNAL PROCESSING", is organized with the objective of making participants familiar / work with emerging areas of research in the communication and signal processing. The program deliberates interaction with the eminent Professors in the fields. A brief description on the problem identification and solution finding is main motto of the program.

CONTENTS OF THE PROGRAM

1. Introduction to Emerging Trends in Communication and Signal Processing
2. Application of Kalman filter for sonar post data signal processing in underwater environment.
3. Signals, Systems & Random processes
4. Image & Video Processing.
5. Communication Theory & Statistical Signal Processing
6. Information Theory & Biomedical Signal Processing.



Resource Person:

1. Dr. S. Koteswara Rao, Professor (Former Scientist 'G', NSTL, DRDO, Min of Def), Department of Electronics and Communication Engineering, R.I.E.T (Deemed to be University).
2. Dr. J. Babu, Professor, Dr Lakshapalli Bulwaya College of Engineering, Visakhapatnam
3. Dr. Rathala Venkata Siva Harish, Assistant Professor, ECE Dept., ST. ANN'S college of Engineering and Technology, Chintala
4. Mr. B. Jeevan Rao, Associate Professor, Visakha Institute of Engineering and Technology, Narava
5. Dr. Kausar Jahari, Associate Professor, Visakha Institute of Engineering and Technology, Narava

Organizing Committee:

- B. Jeevan Rao, Associate professor
Dr. Kausar Jahan, Associate professor
M. Harman's Kumar, Assistant Professor
U. Kalyani, Assistant Professor
M. Iluskar Naibi, Assistant Professor
M. Kaerthi, Assistant Professor
CH. Krishna Chaitanya, Assistant Professor
K. Sandhya, Assistant Professor
M. Pushpa, Assistant Professor

Visakha Institute of Engineering & Technology

(Approved by AICTE, New Delhi & Affiliated to JNTU, Hyderabad)

**One -Week FDP on
"EMERGING TRENDS IN
COMMUNICATION AND
SIGNAL PROCESSING"**

18-03-2024 to 24-03-2024

REGISTRATION FORM

Participants are required to fill the online registration form by clicking on the following link:

<https://forms.gle/EXEjPWcHTbtS25>

To join the FDP, click this link:

<http://mail.google.com/mail/faq/sad>

Otherwise, to join by phone, dial (US) +1
929-266-3201

PIN: 179818623

**Chief Patron : Sri G. Satyanarayana
Chairman**

**Patron : Dr. V. Sridhar Patnaik
Principal**

**Convener : B. Jeevan Rao
ECE HOD**

**Coordinator : Dr. Kauser Jahan
Associate Professor**

Advisory Committee:

Dr. Kauser Jahan, Associate professor
M. Hemurthi Kumar, Assistant Professor
U. Kalyani, Assistant Professor
M. Bharath Naidu, Assistant Professor
M. Keerthi, Assistant Professor
CH. Krishna Chaitanya, Assistant Professor
K. Sandhya, Assistant Professor
M. Prathiba, Assistant Professor
V. Noofa Rathan, Assistant Professor
T. Malaei, Assistant Professor

Registration Details: Registration starts from
11-03-2023.

**For further details, contact: Dr. Kauser
Jahan, 9704164663**

**One -Week FDP on
"EMERGING TRENDS IN
COMMUNICATION AND
SIGNAL PROCESSING"**

18-03-2024 to 24-03-2024



Organized By

**Department of Electronics and
Communication Engineering
Visakha Institute of
Engineering & Technology**

(Approved by AICTE, New Delhi & Affiliated to JNTU, Hyderabad)
88th Division, Narava
VISAKHAPATNAM - 530 027
Andhra Pradesh, INDIA.



PROGRAM REPORT

Date: 25-03-2024

TITLE OF THE EVENT : "One -Week FDP On "Emerging Trends In Communication And Signal Processing"

RESOURCE PERSON NAME(S) :

- 1) Dr. S. Koteswara Rao, Professor (Former Scientist 'G', NSTL, DRDO, Mins of Def), Department of Electronics and Communication Engineering, K L E F (Deemed to be University).
- 2) Dr. J. Babu, Professor, Dr Lankapalli Bullayya College of Engineering, Visakhapatnam
- 3) Dr. Ratnala Venkata Siva Harish, Assistant Professor, ECE Dept., ST. ANN'S college of Engineering and Technology, Chirala.
- 4) Mr. B. Jeevan Rao, Associate Professor, Visakha Institute of Engineering and Technology, Narava
- 5) Dr. Kausar Jahan, Associate Professor, Visakha Institute of Engineering and Technology, Narava

DURATION : 7 Days

DATES : 18-03-2024 to 24-03-2024

NO. OF PARTICIPANTS : 33

DESCRIPTION : On 18th March, 2024 the function was inaugurated at 10 AM by the Chairman of VIET- Mr.G. Satyanarayana, Principal- Dr.Sridharpatnaik, HOD- Mr. B.Jeevana Rao and All the teaching staff of Department of Electronics and Communication Engineering.

Day-1: On the same day session was taken by the Resource person Dr. S. Koteswara Rao has given brief introduction about Emerging Trends In Communication and Signal Processing.

Day-2: On the second day the session was taken by the Resource person Dr. J. Babu, explained about Application of Kalman filter for sonar post data signal processing in underwater environment.

Day-3:

On the third day the session was taken by the Resource person **Dr. Ratnala Venkata Siva Harish**, explained about Signals, Systems & Random processes.

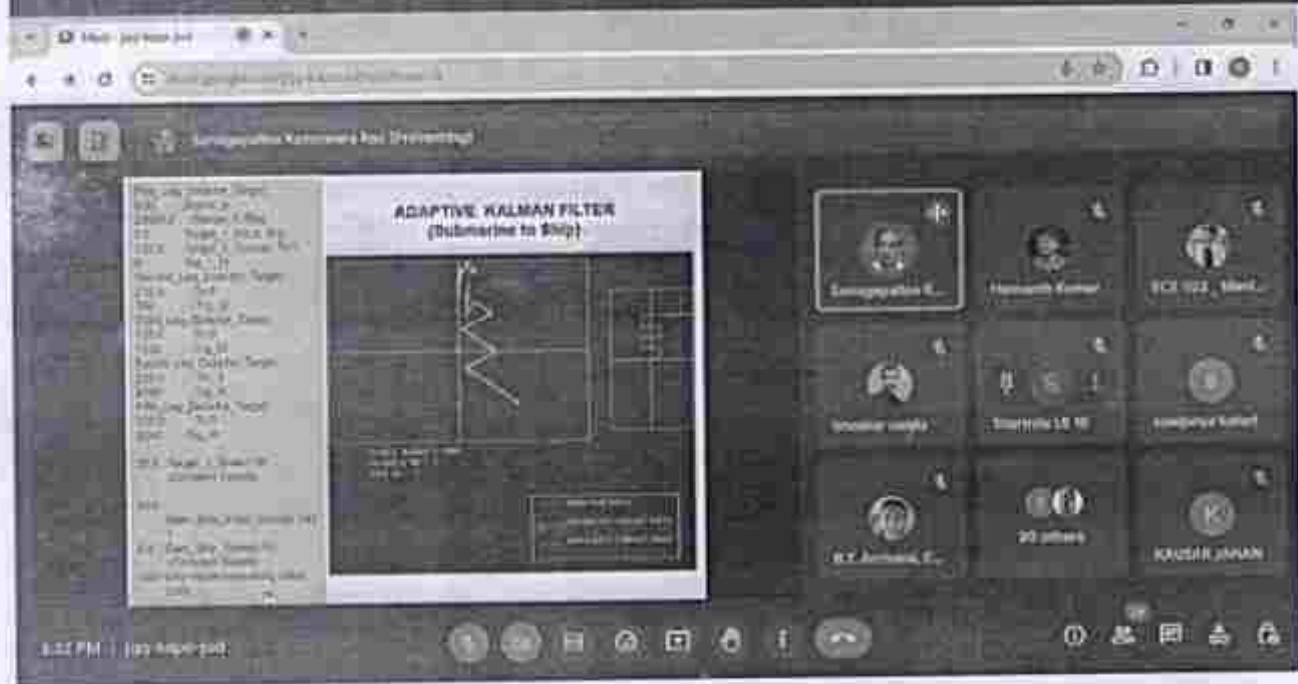
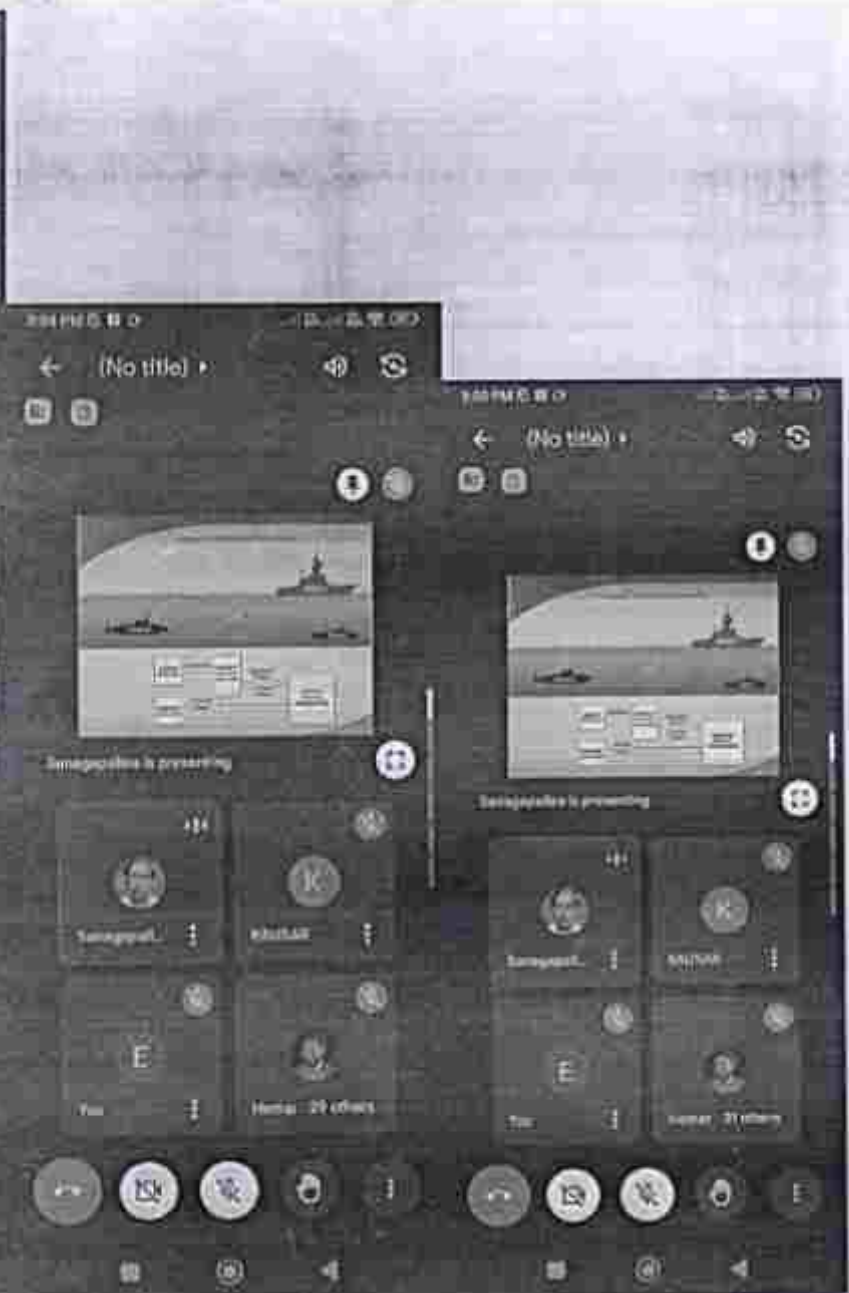
Day-4: On the fourth day the session was taken by the Resource person **Dr. Ratnala Venkata Siva Harish**, explained about Image & Video Processing.

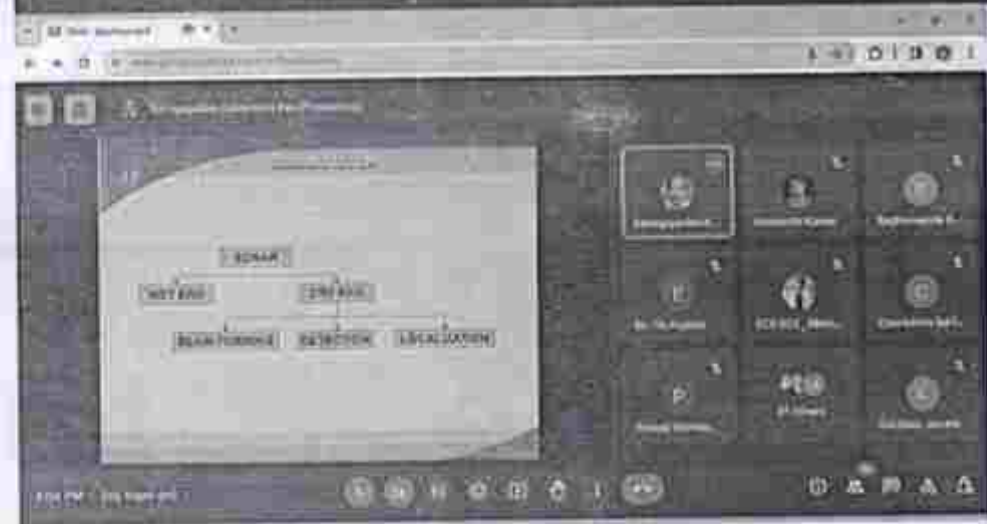
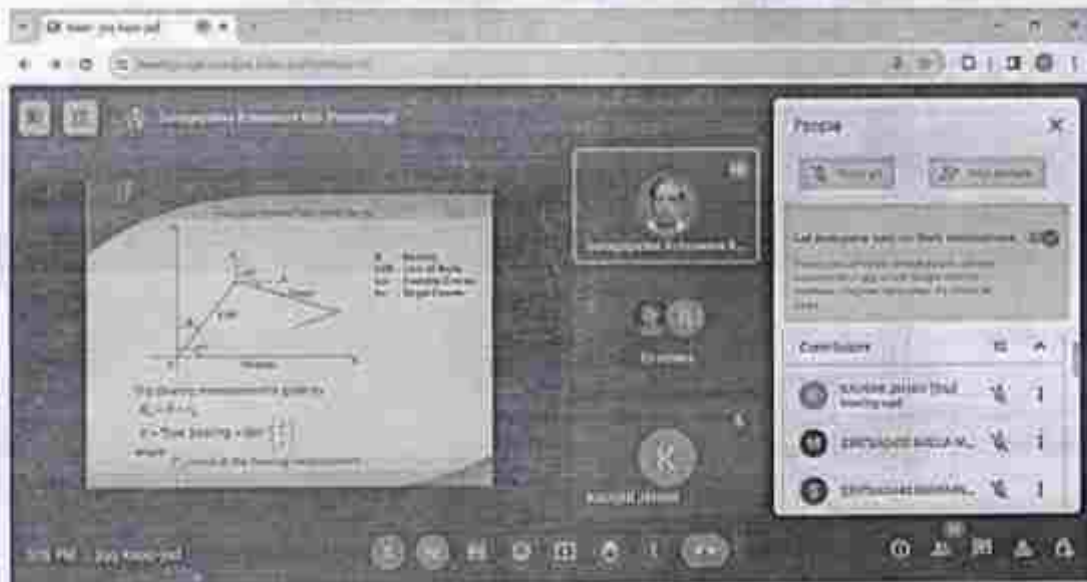
Day-5: On the fifth day the session was taken by the Resource person **Mr. B. Jeevan Rao**, explained about Communication Theory & Statistical Signal Processing.

Day-6: On the fifth day the session was taken by the Resource person **Dr. Kausar Jahan**, explained about Information Theory & Biomedical Signal Processing.

At the end of the session the Resource persons were appreciated by the Chairman-Mr.G. Satyanarayana, VIET Principal-Dr.Sridharpanaik HOD, Mr.B.Jeevana Rao for delivering their valuable Lectures.

EVENT PICTURES:






 HoD
 Head of the Department
 Department ECE
 Visakha Institute of Engg. & Tech.


 PRINCIPAL
 PRINCIPAL
 VISAKHA INSTITUTE OF
 ENGINEERING & TECHNOLOGY
 SPENCINGON, NARAVA, VISAKHAPATNAM.



VISAKHA
 INSTITUTE OF ENGINEERING & TECHNOLOGY
 Approved by AICTE NEW DELHI
 (Affiliated to JNTU-GV, VIZIANAGARAM)
 84th Division, Narava, GVMC, Visakhapatnam-530077



COLLEGE CODE
WSPT

CERTIFICATE

OF PARTICIPATION

This certificate is presented to:

Dr Kausar Jahan

Of Visakha Institute of Engineering and Technology, for participating in the Faculty Development Program
 "Emerging Trends in Communication and Signal Processing" organized by Visakha Institute of Engineering and
 Technology, Narava, Visakhapatnam, from 18th March 2024 to 24th March 2024

Kausar Jahan

Program Coordinator
 Dr.Kausar Jahan

B. Jeevan Rao

HOD
 B.Jeevan Rao

Dr. V. Sridhar Patnaik

Principal
 Dr.V.Sridhar Patnaik



VISAKHA
INSTITUTE OF ENGINEERING & TECHNOLOGY
Approved by AICTE NEW DELHI
(Affiliated to JNTU.GV, VIZIANAGARAM)
80th Division, Narava, GVMC, Visakhapatnam-530027



COLLEGE CODE
WSPT


CERTIFICATE

OF PARTICIPATION


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Dr Kausar Jahan

Of Visakha Institute of Engineering and Technology, for participating in the Faculty Development Program
"Emerging Trends in Communication and Signal Processing" organized by Visakha Institute of Engineering and
Technology, Narava, Visakhapatnam, from 18th March 2024 to 24th March 2024


Program Coordinator
Dr. Kausar Jahan


HOD
B. Jeevan Rao


Principal
Dr. V. Sridhar Patnaik

WSPT



VISAKHA
INSTITUTE OF ENGINEERING & TECHNOLOGY
Approved by AICTE NEW DELHI
(Affiliated to JNTUGV, VIZIANAGARAM)
80th Division, Narava, GVMC, Visakhapatnam-530027



COLLEGE CODE
VSPT

CERTIFICATE

OF PARTICIPATION

This certificate is presented to:

Dr Kausar Jahan

Of Visakha Institute of Engineering and Technology, for participating in the Faculty Development Program "Emerging Trends in Communication and Signal Processing" organized by Visakha Institute of Engineering and Technology, Narava, Visakhapatnam, from 18th March 2024 to 24th March 2024

Program Coordinator
Dr. Kausar Jahan

HOD
B. Jeevan Rao

Principal
Dr. V. Sridhar Patnalk



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

One-week Faculty Development program

On

**“EMERGING TRENDS IN COMMUNICATION AND SIGNAL
PROCESSING”**

Dates: 18-03-2024 to 24-03-2024

Registration Link : <https://forms.gle/hEXEfpWieHTbtsSz6>

Eminent Speakers



Dr. S. Koteswara Rao,

Professor (Former Scientist 'G', NSTL, DRDO, Minis of Def),

Department of Electronics and Communication Engineering, KLEF
(Deemed to be University).



Dr. J. Babu,

Professor, Dr Lankapalli Bullayya College of Engineering, Visakhapatnam



Dr. Ratnala Venkata Siva Harish,

Assistant Professor, ECE Dept., ST. ANN'S college of Engineering and
Technology, Chirala



Mr. B. Jeevan Rao,

Associate Professor, Visakha Institute of Engineering and Technology,
Narava



Dr. Kausar Jahan,

Associate Professor, Visakha Institute of Engineering and Technology, Narava



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88th Division, Narava, OVMC, Visakhapatnam-530027



COLLEGE CODE
VSPT

DEPARTMENT OF MECHANICAL ENGINEERING

"A One Week Faculty Development Program"

on

**Exploring Recent Advancements and Innovations in
Mechanical Engineering**

02/01/2024 to 06/01/2024

Afternoon Session (1:30 PM - 4:00 PM)

PROGRAMME SHEET

- Inviting the guests on to the dais by Mrs. Chandna Assistant Professor.
- Prayer song.
- Lightening of lamp.
- Opening Remarks by Dr. T Satyanarayana, Asso. Professor & Head, Dept. of Mechanical Engineering, VIET.
- Address by Patron of the function Dr. V SRIDHARPATNAIK, Principal VIET.

Day 1 (02/01/2024) : Foundations of Innovation

Session	Event Schedule
1:30PM to 2:00PM	➤ Inaugural Address ➤ Overview of Recent Trends in Mechanical Engineering
2:00PM to 4:00PM	❖ Resource Person: Mr. P. Sivarama Krishna, GM(O&M) Rtd, NTPC Ltd. Topic: " Emerging trends in power sector "

Day 2 (03/01/2024): Sustainable Energy Solutions

Session	Event Schedule
1:30PM to 3:30PM	❖ Resource Person: Dr. K. Dayana, Associate Professor, VIET. Topic: "Advancement in Sustainable Development "
3:30PM to 4:00PM	❖ Resource Person: Dr. P.V.V. Satyanarayana, Associate Professor, VIET. Topic: "Advanced Simulation and Modelling"

Day 3 (04/01/2024): Advanced Robotics

Session	Event Schedule
1:30PM to 4:00PM	❖ Resource Person: Mr. K. Karthik Varma , Sr.Engineer, AU-Centre of Excellence, Visakhapatnam. Topic: " Latest trends in Robotics "

Day 4 (05/01/2024): Advanced Mechanics

Session	Event Schedule
1:30PM to 4:00PM	❖ Resource Person: Dr. K. Sri ram Vikas , Associate Professor, VIET. Topic: " Solid State Joining "

Day 5 (06/01/2024): Smart Manufacturing Technologies

Session	Event Schedule
1:30PM to 2:30PM	❖ Resource Person: Mr. S. Ganesh , Executive Consultant, Skill assessment in C.K. Birla Group. Topic: " Smart Manufacturing Technologies, Future Prospects and Career Guidance "
2:30PM to 3:30PM	❖ Resource Person: Mr. CH. Kiran Kumar , Assistant Professor, VIET. Topic: " Renewable Energy in Mechanical Systems "
3:30PM to 4:00PM	➤ Validatory ➤ Momentum for Speakers. ➤ Vote of thanks by Dr. K. Dayana

Head of the Department
Department ME
Visakh Institute of Engg. & Tech.



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88th Division, Narava, GVMC, Visakhapatnam-530027
DIPLOMA ENGINEERING MANAGEMENT



COLLEGE CODE
VSPT

Date: 10/01/2024

Report on
“A One Week Faculty Development Program”
On

Exploring Recent Advancements and Innovations in Mechanical Engineering

02nd to 06th Jan- 2024

Organized By

Department of Mechanical Engineering
Visakha Institute of Engineering & Technology

Organiser
Dr. T. Satyanarayana
Head of the Department
VIET
Head of the Department
Department ME
Visakha Institute of Engg. & Tech.

FDP Coordinator
Dr. P.V.V. Satyanarayana,
Associate Professor
VIET

Name of the program: “A One Week Faculty Development Program”

On

Exploring Recent Advancements and Innovations in Mechanical Engineering

Date: 02nd January – 06th January, 2024

Resource Persons:

Mr. P. Sivarama Krishna, GM(O&M) Rtd, NTPC Ltd.

Mr. K. Karthik Varma, Sr. Engineer, AU-Centre of Excellence.

Mr. S. Ganesh, Executive Consultant, Skill assessment in C.K. Birla Group.

Dr. P.V.V. Satyanarayana, Associate Professor, VIET.

Dr. K. Dayana, Associate Professor, VIET.

Dr. K. Sri ram Vikas, Associate Professor, VIET.

Mr. Ch. Kiran Kumar, Assistant Professor, VIET.

Name of the Coordinator: **Dr. P.V.V.Satyanarayana**, Associate Professor, Mechanical Engineering.

No of faculty attended: 61

Objective of the FDP Program:

A One Week Faculty Development Program was organized by Department of Mechanical Engineering, VIET, Visakhapatnam, A.P. on Exploring Recent Advancements and Innovations in Mechanical Engineering from 02nd January – 06th January, 2024 for Faculty.

The Faculty Development Program (FDP) aims to empower Mechanical Engineering educators by immersing them in the latest advancements and innovations in the field. Through a comprehensive agenda the FDP seeks to disseminate cutting-edge knowledge enhance technical skills, encourage interdisciplinary exploration, inspire innovative pedagogical approaches, establish industry relevance, catalyze research initiatives, foster networking and collaboration and ultimately contribute to the professional growth of participants. By bridging the gap between academia and industry this FDP endeavors to create a dynamic community dedicated to advancing Mechanical Engineering education ensuring faculty members are well-equipped to guide students and institutions towards excellence in the rapidly evolving landscape of the discipline.

The aims to empower educators with advanced knowledge, interdisciplinary skills and industry relevance. Through innovative pedagogy and collaborative initiatives the FDP seeks to create a dynamic community of forward-thinking educators, contributing to the evolution of Mechanical Engineering. The program aspires to stimulate research and foster interdisciplinary exploration, leaving a lasting impact on both educators and the field itself.

Day-1

On January 2nd 2024,

The faculty development programme started on 2nd January 2024 at 01:00 Pm with Saraswati Vandana. There were 16 external participants from different colleges and institutes and around 45 participants from Visakha Institute of Engineering & Technology.

Opening remarks for the FDP were given by Mrs. Chandna, which was followed by an introduction to the programme by **Dr.P V V Satyanarayana**. He also gave a glimpse of the activities going on in Visakha Institute of Engineering & Technology.

In a warm and welcoming address, **Dr. V. Sridhar Patnaik, the Principal of VIET**, extended heartfelt greetings to the resource persons and faculties from various colleges participating in the 5-day Faculty Development Program. Dr. Patnaik expressed his gratitude for the enthusiastic participation, highlighting the significance of collaborative efforts in advancing academic excellence. He emphasized the pivotal role of faculty development programs in fostering a culture of continuous learning and professional growth within the academic community. Dr. Patnaik reiterated the importance of knowledge-sharing platforms and encouraged active engagement among participants to make the most of the diverse expertise present. The warm welcome set a positive tone for the program, reflecting the institution's commitment to providing a conducive environment for intellectual exchange and professional development.

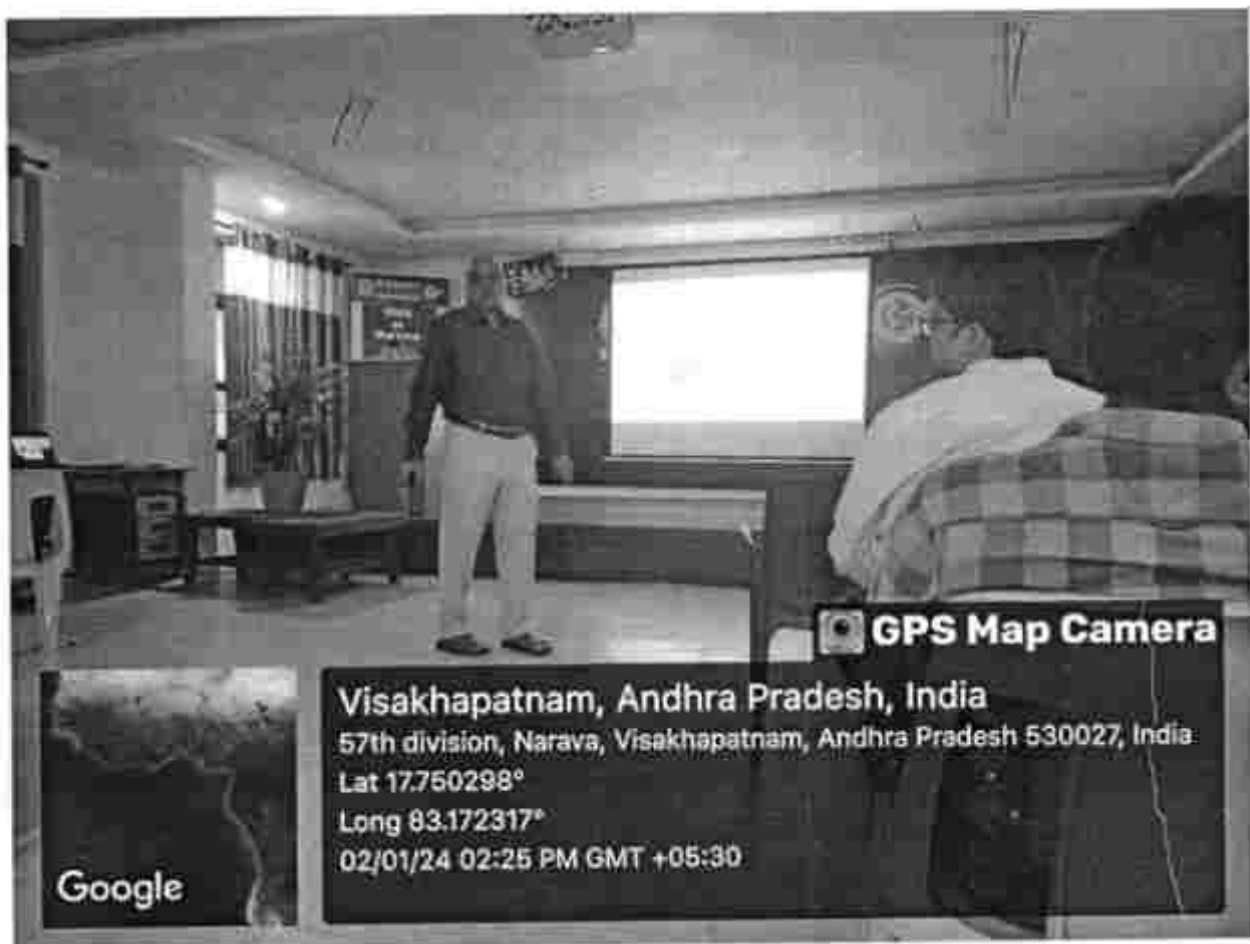
In his opening remarks, **Dr. T. Satyanarayana, Head of the Department**, welcomed participants to the Faculty Development Program underscoring the program's importance in fostering continuous learning and professional growth. He encouraged active engagement, highlighting the unique opportunities for skill enhancement and knowledge exchange. Dr. Satyanarayana's brief address set a positive and motivating tone for the event.



❖ Resource Person: **Mr. P. Sivarama Krishna**, GM(O&M) Rtd, NTPC Ltd.

Topic: " **Emerging trends in power sector** "

The Faculty Development Program on Emerging Trends in the Power Sector, featuring **Mr. P. Sivarama Krishna, GM(O&M) Rtd, NTPC Ltd**, offered a comprehensive insight into the evolving landscape of the power industry. Mr. Krishna, drawing upon his extensive experience shed light on key trends shaping the sector. Notably, the discussion emphasized the increasing integration of renewable energy sources, such as solar and wind challenges and opportunities associated with this shift. Additionally, smart grid technologies and their role in enhancing efficiency and sustainability were highlighted. Mr. Krishna delved into the importance of energy storage solutions including batteries and pumped hydro storage to address intermittency issues linked with renewable energy. The session also explored the impact of digitalization, Industry 4.0 technologies and the role of artificial intelligence data analytics in optimizing operational processes. The presentation touched upon the dynamic policy and regulatory landscape, emphasizing its influence on industry developments. In conclusion, the program provided valuable insights into the challenges and opportunities faced by the power sector urging professionals to adapt to technological advancements and policy changes for continued success in the evolving industry.



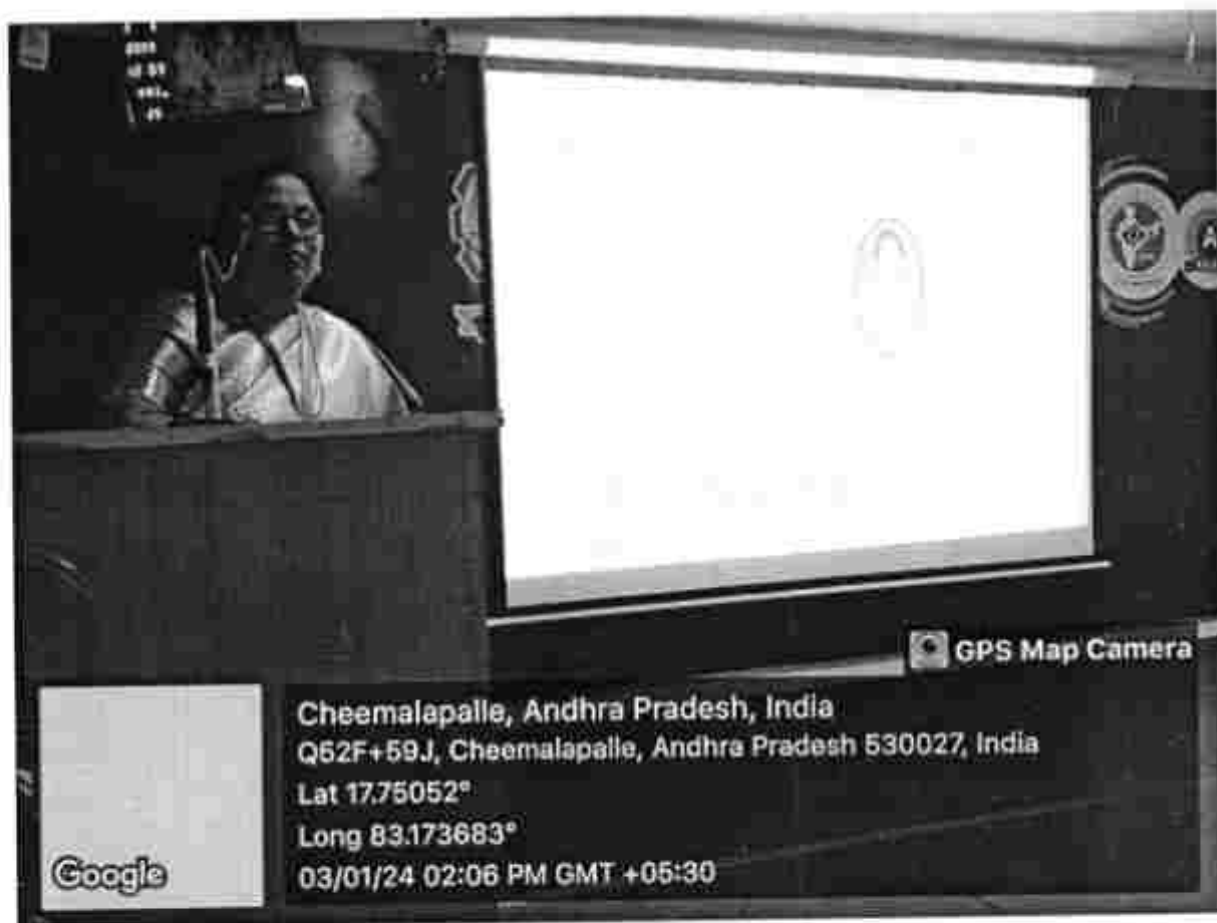
Day-2

On January 3rd 2024,

❖ **Resource Person: Dr. K. Dayana, Associate Professor, VIET.**

Topic: "Advancement in Sustainable Development "

The Faculty Development Program on Advancement in Sustainable Development, featuring **Dr. K. Dayana, Associate Professor at VIET**, provided a comprehensive overview of the current trends and innovations in sustainable development. Dr. Dayana's presentation underscored the necessity of adopting an interdisciplinary approach emphasizing collaboration across diverse fields to formulate holistic and effective sustainable solutions. A key highlight of the session was the pivotal role of education in sustainable development with Dr. Dayana stressing the need for educational institutions to integrate sustainability into their curricula. The transformative impact of innovation and technology in areas such as renewable energy, green infrastructure and sustainable agriculture practices was also discussed highlighting their role in mitigating environmental impact. Additionally, the presentation touched upon the importance of community engagement, social responsibility and the interconnectedness of global challenges advocating for both global perspectives and locally tailored actions. Dr. Dayana acknowledged challenges in resource constraints and policy complexities but underscored the immense opportunities for positive change through collaborative efforts and a shared commitment to sustainable practices. The session concluded with a call to the academic community to play a pivotal role in fostering a sustainable mindset for future leaders recognizing the critical role of education in building a resilient and sustainable future.



❖ Resource Person: **Dr. P.V.V. Satyanarayana**, Associate Professor, VIET.

Topic: "**Advanced Simulation and Modelling**"

The Faculty Development Program on Advanced Simulation and Modeling, featuring **Dr. P.V.V. Satyanarayana, Associate Professor at VIET**, provided a comprehensive exploration of cutting-edge advancements in simulation and modeling techniques. Dr. Satyanarayana, leveraging his expertise delivered insights into the transformative impact of these technologies across various disciplines. The session delved into the interdisciplinary applications of advanced simulation highlighting its relevance in engineering, science and other fields. Dr. Satyanarayana underscored the role of simulation in enhancing decision-making processes, optimizing complex systems and facilitating innovation. The presentation also covered the integration of state-of-the-art modeling tools such as computational modeling and virtual simulations emphasizing their potential to streamline research and development processes. Participants gained a deeper understanding of the practical implications of these technologies through case studies and real-world examples. Overall, the program served as a valuable platform for educators to grasp the intricacies of advanced simulation and modeling empowering them to integrate these tools into their teaching methodologies and research endeavors. Dr. Satyanarayana's expertise and engaging delivery contributed to a meaningful exploration of this evolving field leaving participants well-informed and inspired to leverage advanced simulation and modeling techniques in their academic pursuits.



Day-3

On January 4th 2024,

❖ **Resource Person: Mr. K. Karthik Varma, Sr.Engineer, AU-Centre of Excellence,Visakhapatnam.**

Topic: " Latest trends in Robotics "

The Faculty Development Program on the Latest Trends in Robotics and KUKO SIM Simulation Software, conducted by **Mr. K. Karthik Varma, Senior Engineer at the AU-Centre of Excellence, Visakhapatnam**, provided a comprehensive overview of the dynamic advancements in robotics and the specific application of the KUKO SIM simulation software. Mr. Varma, leveraging his expertise meticulously detailed the latest trends in robotics including advancements in robotic design, artificial intelligence integration and the growing field of soft robotics. The session also extensively covered the KUKO SIM simulation software emphasizing its role in modeling and simulating robotic systems for enhanced design and functionality. Participants gained practical insights into the software's capabilities enabling them to explore its potential applications in teaching and research. The interactive nature of the program facilitated a deeper understanding of how the latest trends in robotics coupled with simulation software like KUKO SIM can revolutionize various industries. Mr. Varma's presentation not only showcased the current state of the field but also empowered educators to integrate these cutting-edge technologies into their academic endeavors, ensuring that students are well-equipped for the evolving landscape of robotics and simulation. Overall, the program proved to be an invaluable resource for faculty members seeking to stay abreast of the latest developments in these rapidly advancing domains.



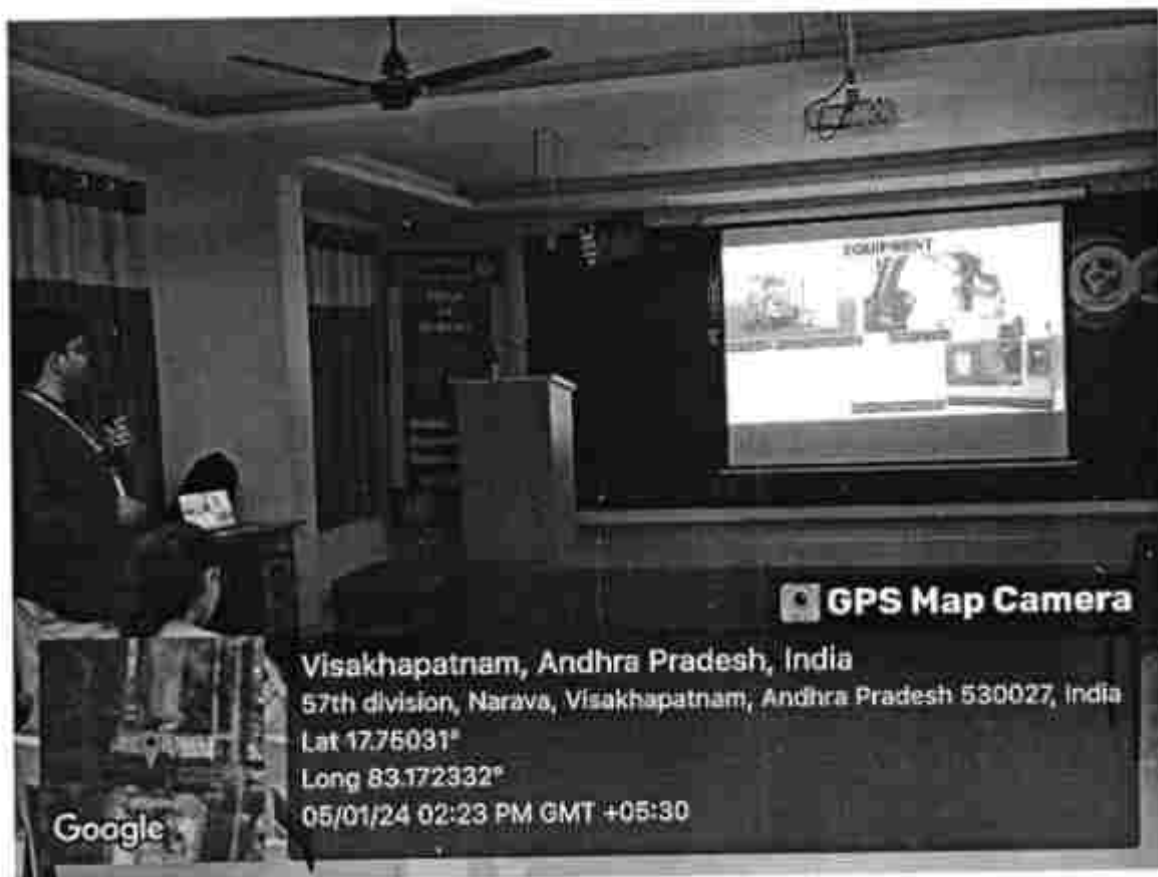
Day-4

On January 5th 2024,

❖ **Resource Person: Dr. K. Sri ram Vikas, Associate Professor, VIET.**

Topic: "Solid State Joining"

The Faculty Development Program on "Solid State Joining" featuring **Dr. K. Sri Ram Vikas, Associate Professor at VIET**, provided an insightful exploration into the techniques and advancements in solid-state joining processes. Dr. Vikas, as the resource person shared comprehensive knowledge on the principles and applications of solid-state welding and joining technologies. The session covered a range of topics, including friction stir welding, diffusion bonding and ultrasonic welding, shedding light on their relevance in contemporary manufacturing and engineering practices. Dr. Vikas emphasized the advantages of solid-state joining, such as reduced thermal distortion improved mechanical properties and the ability to join dissimilar materials. The program facilitated a dynamic exchange of ideas enabling faculty members to discuss practical challenges and applications in implementing solid-state joining techniques. Dr. Vikas' expertise not only provided a deep understanding of the subject but also inspired educators to incorporate these advanced techniques into their teaching methodologies. The program served as a valuable platform for fostering collaboration among faculty members, ensuring that the knowledge gained could be effectively integrated into the curriculum ultimately preparing students for the evolving demands of modern manufacturing processes.



Day-5

On January 6th 2024,

❖ Resource Person: **Mr. S. Ganesh**, Executive Consultant, Skill assessment in C.K. Birla Group.

Topic: "**Smart Manufacturing Technologies, Future Prospects and Career Guidance**"

The Faculty Development Program on "Smart Manufacturing Technologies, Future Prospects, and Career Guidance," led by **Mr. S. Ganesh, Executive Consultant in Skill Assessment at C.K. Birla Group**, was an illuminating session that provided valuable insights into the dynamic field of smart manufacturing. Mr. Ganesh, as the resource person, shared his extensive industry experience, shedding light on cutting-edge technologies shaping the future of manufacturing. The session covered key aspects such as the integration of the Industrial Internet of Things (IIoT), data analytics, and automation in smart manufacturing processes. A distinctive feature of the program was Mr. Ganesh's insightful career guidance, where he discussed the evolving skill sets required in the industry and provided valuable advice for professionals and students aiming to thrive in the smart manufacturing domain. The program, under Mr. Ganesh's expert guidance, not only enriched the faculty members' understanding of smart manufacturing technologies but also empowered them with the knowledge to guide and mentor students towards successful careers in this rapidly evolving sector.

❖ Resource Person: **Mr. CH. Kiran Kumar**, Assistant Professor, VIET.

Topic: "**Renewable Energy in Mechanical Systems**"

The Faculty Development Program on "Renewable Energy in Mechanical Systems," led by **Mr. CH. Kiran Kumar, Assistant Professor at VIET**, provided a comprehensive exploration of the integration of renewable energy sources into mechanical systems. As the resource person, Mr. Kumar shared insightful perspectives on harnessing renewable energy, emphasizing its significance in the context of mechanical engineering applications. The session covered various renewable energy technologies including solar, wind, hydropower and their applications in powering mechanical systems. Mr. Kumar delved into the design considerations, efficiency improvements and challenges associated with incorporating renewable energy into mechanical systems. Through practical examples and case studies participants gained a deeper understanding of how renewable energy can be harnessed to optimize mechanical processes. The program fostered a collaborative environment allowing faculty members to discuss innovative approaches and share best practices in integrating renewable energy concepts into mechanical engineering curricula. Mr. Kumar's expertise not only illuminated the practical aspects of renewable energy integration but also inspired educators to incorporate sustainable and eco-friendly practices into their teaching methodologies. The program proved instrumental in equipping faculty members with the knowledge and motivation to prepare students for the increasingly important intersection of mechanical engineering and renewable energy technologies.



In the concluding session of the Faculty Development Program, **Dr. P.V.V. Satyanarayana**, FDP coordinator expressing his sentiments during the validatory note, commended the collaborative efforts and shared commitment of the participants and keynote speakers in making the program a success. Dr. Satyanarayana highlighted the significance of continuous learning and professional development, underscoring how the insights gained during the program would undoubtedly contribute to the overall academic growth of the institution.



Following the validatory note, **Dr. K. Dayana** took the podium for the vote of thanks. She extended her heartfelt gratitude to all the participants for their active engagement and enthusiastic involvement throughout the program. Dr. Dayana expressed appreciation for the keynote speakers, acknowledging their expertise and valuable contributions in enlightening the audience on diverse topics. She recognized the collective effort that went into organizing and executing the program extending special thanks to the organizing committee, support staff, and all those who played a pivotal role in ensuring the program's success.

As a token of appreciation, mementos were distributed to all the keynote speakers by the Head of the Mechanical Engineering Department, Dr. T. Satyanarayana. This gesture aimed to express gratitude and recognize the significant contributions of the speakers towards enriching the faculty development program. The distribution of mementos served as a tangible acknowledgment of the speakers efforts and a symbol of appreciation for their valuable insights and expertise. The program concluded on a note of gratitude and recognition, highlighting the collaborative spirit that fuels academic growth and excellence.



'నైపుణ్యం కలిగిన అధ్యాపకులు అవసరం'

నరవ(వేపగుంట), న్యూసెంటుడే: విద్యార్థులు ఆభివృద్ధి చెందాలంటే నైపుణ్యం కలిగిన అధ్యాపకులు అవసరమని ఎన్టీపీసీ విశ్రాంత జనరల్ మేనేజర్ పి.శివరామకృష్ణ అన్నారు. విశాఖ ఇంజనీరింగ్ కళాశాలలో జనవరి 2 నుంచి 6వ తేదీ వరకు అధ్యాపకుల ఆభివృద్ధి శిక్షణ కార్యక్రమాలు నిర్వహించారు. ముగింపు కార్యక్రమానికి శివరామకృష్ణ ముఖ్యఅతిథిగా హాజరై ప్రసంగించారు. ఏ విధంగా బోధిస్తే త్వరగా విద్యార్థులు త్వరగా ఆర్థం చేసుకుంటారన్న విషయాన్ని అధ్యాపకులకు ఆయన వివరించారు. మెకానికల్ విభాగం ఆధ్వర్యంలో జరిగిన కార్యక్రమంలో ఏయూ సెంటర్ ఆఫ్ ఎక్సలెన్స్ సీనియర్ ఇంజనీర్ కె.కార్తికవర్మ, ప్రిన్సిపల్ శ్రీధర్ పట్నాయక్, ఉప ప్రిన్సిపల్ టి.జే.పి.నారావు, అధ్యాపకులు డి.సత్యనారాయణ, ప్రోగ్రాం కోఆర్డినేటర్ పి.వి.వి.సత్యనారాయణ పాల్గొన్నారు.



శిక్షణ కార్యక్రమంలో పాల్గొన్న అధ్యాపకులు

ముగిసిన ఫ్యాకల్టీ డెవలప్ మెంట్ ప్రోగ్రామ్

ప్రజాశక్తి-వేపగుంట : విశాఖ ఇంజనీరింగ్ అండ్ టెక్నాలజీ కళాశాలలో మెకానికల్ విభాగం ఆధ్వర్యం ఈ సెంటర్ 2వ తేదీ నుంచి నిర్వహించిన ఫ్యాకల్టీ డెవలప్ మెంట్ ప్రోగ్రామ్ శనివారం ముగిసింది. ఈ సందర్భంగా ఎన్టీపీసీ విశ్రాంత జనరల్ మేనేజర్ పి.శివరామకృష్ణ ముఖ్య అతిథిగా హాజరై మాట్లాడారు. ఎమర్జింగ్ ట్రెండ్ ఇన్ వర్క్ సెక్టార్ పై విద్యార్థుల్లో పెంపొందించాల్సిన జ్ఞానం గురించి ఉపాధ్యాయులకు వివరించారు. ఎయూ సెంటర్ ఆఫ్ ఎక్సలెన్స్ సీనియర్ ఇంజనీర్ కె.కార్తికవర్మ మాట్లాడతూ, రోటోటివ్ ప్రస్తుతం ఏ విధంగా ఉపయోగపడుతుందో వివరించారు. తుది ప్రో సాఫ్ట్ వేర్ పై అవగాహన కల్పించారు. ఈ కార్యక్రమంలో ప్రిన్సిపల్ డాక్టర్ పి.శ్రీధర్ పట్నాయక్, వైఎస్ ప్రిన్సిపల్ టి.జే.పి.నారావు, మెకానికల్ విభాగం ఉపాధ్యక్షుడు డాక్టర్ డి.సత్యనారాయణ పాల్గొన్నారు. ఇరు రోజుల ప్రోగ్రామ్ కో-ఆర్డినేటర్ డాక్టర్ పి.వి.వి.సత్యనారాయణ సర్వేక్షణలో నిర్వహించారు.

విశాఖ ఇంజనీరింగ్ కళాశాలలో ఘనంగా ఫ్యాకల్టీ డెవలప్ మెంట్



విశాఖ ఇంజనీరింగ్ కళాశాలలో మెకానికల్ విభాగం ఆధ్వర్యం ఈ సెంటర్ 2వ తేదీ నుంచి నిర్వహించిన ఫ్యాకల్టీ డెవలప్ మెంట్ ప్రోగ్రామ్ శనివారం ముగిసింది. ఈ సందర్భంగా ఎన్టీపీసీ విశ్రాంత జనరల్ మేనేజర్ పి.శివరామకృష్ణ ముఖ్య అతిథిగా హాజరై మాట్లాడారు. ఎమర్జింగ్ ట్రెండ్ ఇన్ వర్క్ సెక్టార్ పై విద్యార్థుల్లో పెంపొందించాల్సిన జ్ఞానం గురించి ఉపాధ్యాయులకు వివరించారు. ఎయూ సెంటర్ ఆఫ్ ఎక్సలెన్స్ సీనియర్ ఇంజనీర్ కె.కార్తికవర్మ మాట్లాడతూ, రోటోటివ్ ప్రస్తుతం ఏ విధంగా ఉపయోగపడుతుందో వివరించారు. తుది ప్రో సాఫ్ట్ వేర్ పై అవగాహన కల్పించారు. ఈ కార్యక్రమంలో ప్రిన్సిపల్ డాక్టర్ పి.శ్రీధర్ పట్నాయక్, వైఎస్ ప్రిన్సిపల్ టి.జే.పి.నారావు, మెకానికల్ విభాగం ఉపాధ్యక్షుడు డాక్టర్ డి.సత్యనారాయణ పాల్గొన్నారు. ఇరు రోజుల ప్రోగ్రామ్ కో-ఆర్డినేటర్ డాక్టర్ పి.వి.వి.సత్యనారాయణ సర్వేక్షణలో నిర్వహించారు.


HOD, Mechanical
 Head of the Department
 Department ME
 Visakha Institute of Engrg. & Tech.


PRINCIPAL
 VISAKHA INSTITUTE OF
 ENGINEERING & TECHNOLOGY
 Narava, Visakhapatnam-530 027.
Principal

REGISTRATION FORM

**A One Week Faculty Development Program
On
"Exploring Recent Advancements And
Innovations In Mechanical
Engineering"**

02nd January 2024 – 06th January 2024

Name:
Designation:
Organization:
Teaching/Industrial experience:
Address:
Phone:
Email:

DECLARATION

The information provided is to the best of my knowledge. I agree to abide by the rules and regulations governing the FDP and shall attend the course for the entire duration. In case I am unable to attend, I take responsibility to inform the coordinator(s).

Date:

Place:
(Signature)

REGISTRATION

Total registration for the programme is restricted to 50 participants. Selection will be based on "First Come First Serve".

Registration fee: Rs200/-

Organizing Committee

Chief Patron

Sri. G Satyanarayana
Chairman

Patron

Dr. V Sridhar Patnaik
Principal

Convener

Dr. T Satyanarayana
HOD, MECH

Co-Ordinator

Dr. P V V Satyanarayana
Associate Professor

Co-COrdinator

Dr. K Sri Ram Vikas
Associate Professor

Organizing Committee:

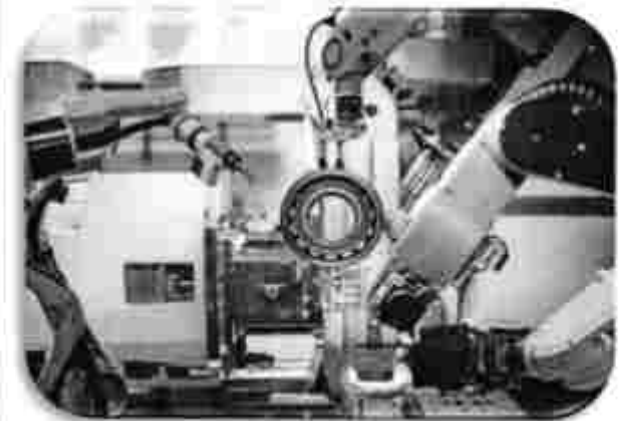
Mr M Rambabu , Associate Professor
Mrs K Chandna, Associate Professor
Mr. G Sunil, Assistant Professor
Mr. A Murali Krishna, Assistant Professor
Mr. A Narendra Kumar , Assistant Professor
Mr.Ch.Veerunaidu, Assistant Professor
Mr.Ch.Kiran Kumar Assistant Professor
Mr .K Jagadesh , Assistant Professor

Important Date:

Last date for Registration: 01-01-2024

For further details:

Dr. P V V Satyanarayana
Associate Professor
8919267850
scsatyachitti@viet.edu.in



A One Week Faculty Development Program

**On
EXPLORING RECENT
ADVANCEMENTS AND
INNOVATIONS IN
MECHANICAL
ENGINEERING**

02nd January 2024 – 06th January 2024

Organized by



VISAKHA
INSTITUTE OF ENGINEERING & TECHNOLOGY
Approved by AICTE NEW DELHI
(Affiliated to JNTUV, VIZIANAGARAM)
58th Division, Narava, GVMC, Visakhapatnam-530027
01920141400 | 01920141401 | 01920141402

About VIET

Visakha Institute of Engineering & Technology was established in the year 2008, with the sole ambition of giving good and purposeful education to the students. Our students made a mark of excellence by giving the best performance and brought many laurels to this institution. We strongly believe that it was achieved by the students with the support and guidance of efficient teaching faculty, which we are proud and committed to one cause that is to create and develop educational facilities, in order to train deserving young students. The college is located in serene and pollution free environment at Narava 6 km from Gopalapatnam and Air Port. The campus is spread over 10 acres of scenic landscape which is an ideal place.

ABOUT THE DEPARTMENT

The Department of Mechanical Engineering was established in the academic year 2011. The Department presently offers UG study program leading to the degree of B.Tech Mechanical Engineering and PG program M.Tech CAD/CAM & Thermal Engineering. With approval from AICTE, for UG & PG Programmes. The Department has well equipped laboratories and infrastructural facilities. The department has well equipped smart class rooms with necessary teaching aids viz., with LCD projectors in order to enable power point presentations for necessary lecture topics. The faculty are trained to make the students reach their goals.

Objectives of the FDP

- ❖ To bring awareness and acquaintance with latest and emerging technologies relevant to design and manufacturing among teaching fraternity in Higher Educational Institutions.
- ❖ To introduce faculty members with the salient features and significant issues of Industry 4.0 and its related concepts.
- ❖ To promote learning environment incorporating industry ecosystem by introducing advanced technologies in the field of mechanical engineering.

Expected Course Outcomes

After successful completion of the Program.

- Understand and apply latest industry practices in curriculum and teaching learning practices.
- Bridge the gaps between academic system and industry requirements.
- Identify various means and ways of using digitization and data sciences in engineering education.
- Use IOT and AI in design and manufacturing related issues.
- Advancement in Solid state joining.

Resource Persons:

Mr. P. Sivarama Krishna, GM(O&M) Rtd, NTPC Ltd.
Mr. K. Karthik Varma, Sr. Engineer, AU-Centre of Excellence.
Mr. S. Ganesh, Executive Consultant, Skill assessment in C.K. Birla Group.
Dr. P.V.V. Satyanarayana, Associate Professor, VIET.
Dr. K. Dayana, Associate Professor, VIET.
Dr. K. Sri ram Vikas, Associate Professor, VIET.
Mr. Ch. Kiran Kumar, Assistant Professor, VIET.

Course duration

5 days

02nd January 2024 – 06th January 2024

Selection and Certification Criteria

Participants should have basic knowledge on Mechanical engineering. Selection will be based on first-come, first-serve basis. The selected candidates will be notified through email. On completion of the programme, participants will be awarded an E-Certificate of participation by respective VIET. Minimum 80% attendance and 60% marks in the test are compulsory for certification.

How to Apply?

Registration form is available along with this brochure on Scan and mail the completed form to

mechhod@viet.edu.in
mechhod@vietvsp.com



VISAKHA INSTITUTE OF ENGINEERING & TECHNOLOGY
NARAVA
VISAKHAPATNAM



DEPARTMENT OF MECHANICAL ENGINEERING

ATTENDANCE SHEET

"A One Week Faculty Development Program"

Exploring Recent Advancements and Innovations in Mechanical Engineering

02/01/2024 to 06/01/2024

S.No	Participant Name	Designation	Name of the Institute	02/01/2024	03/01/2024	04/01/2024	05/01/2024	06/01/2024
1	Ms. K. Kamalakar	Asst. Prof	BITS	Kamkar	Kamkar	Kamkar	Kamkar	Kamkar
2	Mrs. M. Padmalathamma	Asst. Prof	SV PES	M. Padma	M. Padma	M. Padma	M. Padma	M. Padma
3	V. Chandra Kala	Asst. Prof.	VIEW	Ch	Ch	Ch	Ch	Ch
4	Mr. G. Venkateshwar	Asst. prof	RAGHU (REC) G.Venue	G.Venue	G.Venue	G.Venue	G.Venue	G.Venue
5	Mr. GUNTUBOYINA HAREESH	Asst. Prof	SV CET	G. H	G. H	G. H	G. H	G. H
6	Mrs. P. Prasanna Kumari	Asst. Prof	VIEW	Prasanna	Prasanna	Prasanna	Prasanna	Prasanna
7	Mr. G.V. Lava Raju	Asst. Prof	Sai Chaitanya	G.V. Raju	G.V. Raju	G.V. Raju	G.V. Raju	G.V. Raju
8	Mrs. S. Roopa	Asst. Prof	Lendi (LIET)	Roopa	Roopa	Roopa	Roopa	Roopa
9	Dr. Vahini. Kallampudi	Asst. Prof	Lendi (LIET)	Vahini K	Vahini K	Vahini K	Vahini K	Vahini K
10	Ms. D. Dhanu Naidu	Asst. Prof	NSRIT	Naidu	Naidu	Naidu	Naidu	Naidu
11	Mr. M. Satyanarayana	Asst. prof	NSRIT	M. Satya	M. Satya	M. Satya	M. Satya	M. Satya
12	Dr. V. Hari Kiran	prof	VIET	Hari Kiran	Hari Kiran	Hari Kiran	Hari Kiran	Hari Kiran
13	Ms. K. Nagaraj	Asst. Prof.	VIET	K. Nagaraj	K. Nagaraj	K. Nagaraj	K. Nagaraj	K. Nagaraj
14	Mr. S. Subrahmanyam	Asst. prof	Gonna	S. Subrahmanyam	S. Subrahmanyam	S. Subrahmanyam	S. Subrahmanyam	S. Subrahmanyam

S.No	Participant Name	Designation	Name of the Institute	02/01/2024	03/01/2024	04/01/2024	05/01/2024	06/01/2024
15	Mr. P. Kameswara Rao	Asst. Prof	Leads	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
16	MR. K. Venkata Gramesh.	Asst. - prof.	GONNA.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
17	Dr. P.V.V. SATYANARAYANA	Asst. Prof	VIET (ME)	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
18	Narada Kumar Athula	Asst. Prof	VIET	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
19	Mr. M. RAMBABU	Asst. Prof.	VIET	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
20	Mrs. V. Ram Kumar	Lecturer	VIET	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
21	Dr. T.S. Narayana	Assoc. Prof	VIET (HOD)	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
22	A. Murali Krishna	Asst. Professor	VIET	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
23	CH. Veeru Naidu	Asst. Professor	VIET	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
24	G. Luvu	Asst. Professor	VIET	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
25	T. Sambhath	Asst. prof	VIET	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
26	Jyothi Ravi Siggodari	Asst. Professor	VIET	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
27	Mr. Venapandit S. B.	Asst. prof	VIET	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
28	M. Jagadeesh	Asst. prof	SGEC	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
29	B. Gramesh	Asst. prof	VIET	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
30	A.S.C. Tejaswini Kone	Asst. Prof.	VIET (HOD)	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
31	K. VI Jay	Asst. prof	VIET	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
32	M. Usha	Asst. Prof	VIET	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
33	M. Sowjanya	Asst. prof	VIET	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
34	K. Rekini Durga	Asst. prof	VIET	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
35	Ch. Sai Kiran	Asst. prof	VIET	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
36	Y. Priganka	Asst. Prof	VIET	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

S.No	Participant Name	Designation	Name of the Institute	02/01/2024	03/01/2024	04/01/2024	05/01/2024	06/01/2024
37	Dr. T. Venkateswara Rao		VIET	T. Venkatesw	T. Venkatesw	T. Venkatesw	T. Venkatesw	T. Venkatesw
38	MRS. M. KALAYANI	Assistant Prof	VIET	M. Kalayani	M. Kalayani	M. Kalayani	M. Kalayani	M. Kalayani
39	Mr. N. V. Veerendra	Asst. Prof	VIET	Veerendra	Veerendra	Veerendra	Veerendra	Veerendra
40	Dr. G. Siva Karuna	Asso. Prof	VIET	Karuna	Karuna	Karuna	Karuna	Karuna
41	Ms. D. Srinivas	Asst. Prof	VIET	D. Srinivas	D. Srinivas	D. Srinivas	D. Srinivas	D. Srinivas
42	Mr. T. Tharun Kumar	Asst. Prof	VIET	Tharun	Tharun	Tharun	Tharun	Tharun
43	Dr. A. Sriram Vikas	Asso. Professor	VIET	Seri	Seri	Seri	Seri	Seri
44	Mrs GORLE SWATHI	Asst. Prof	VIET	Swat	Swat	Swat	Swat	Swat
45	Mr. AYAN Murali	Asst. Prof	VIET	Muru	Muru	Muru	Muru	Muru
46	MRS. A. RAVITEJA	Asst. Prof	VIET	A. Raviteja	A. Raviteja	A. Raviteja	A. Raviteja	A. Raviteja
47	Mr. R. Ratnakumar	Asst. Prof	VIET	Kat	Kat	Kat	Kat	Kat
48	MRS. M. S. PAVANI	Asst. Prof	VIET	MSP	MSP	MSP	MSP	MSP
49	Mr. M. Tharun Kumar	Asst. Prof	VIET	Kun	Kun	Kun	Kun	Kun
50	MRS. I. SATYA	Asst. Prof	VIET	Satya	Satya	Satya	Satya	Satya
51	Mr. U. S. M. K. PATRO	Asst. Professor	VIET	Pat	Pat	Pat	Pat	Pat
52	Mrs. B. Bhuvaneshwari	Asst. Prof	VIET	Bun	Bun	Bun	Bun	Bun
53	MS. B. BHENARSI	Asst. Prof	VIET	B. Bhenarsi	B. Bhenarsi	B. Bhenarsi	B. Bhenarsi	B. Bhenarsi
54	Mr. Md. Azharuddin	Asst. Prof	VIET	Aud	Aud	Aud	Aud	Aud
55	Mr. K. Ravindra	Asst. Prof	VIET	Ravind	Ravind	Ravind	Ravind	Ravind
56	MS. Y. JYOTHI	Asst. Prof	VIET	Y. Jyothi	Y. Jyothi	Y. Jyothi	Y. Jyothi	Y. Jyothi
57	Mr. A. S. PAO	Asst. Prof	VIET	Ra	Ra	Ra	Ra	Ra
58	Mr. B. Vinodh	Asst. Prof	VIET	Vinod	Vinod	Vinod	Vinod	Vinod



VISAKHA

INSTITUTE OF ENGINEERING & TECHNOLOGY



(Accredited by NAAC with A grade, An ISO 9001:2015 Certified Institution)

(Approved by AICTE & Affiliated to JNTUGV, Vizianagaram, A.P)

88th Division, Narava, Visakhapatnam – 530027 Andhra Pradesh, INDIA.

Certificate of Participation

Certificate No: ME109

This is to certify that Mrs. V CHANDRA KALA, Assistant Professor

From Yignan's Institute of Engineering for Women

has successfully participated in *A One Week Faculty Development Program* on

“Exploring Recent Advancements and Innovations in Mechanical Engineering”

Organized by Department of Mechanical Engineering, VIET from **02/01/2024 to 06/01/2024.**

Coordinator

Dr. P.V.V. Satyanarayana
Ph.D, M.Tech, MBA, B.Tech

HOD

Dr. T. Satyanarayana
Ph.D, M.E, B.Tech

Principal

Dr. V. Sridhar Patnaik
Ph.D, M.Tech, B.Tech



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88th Division, Narava, Visakhapatnam – 530027 Andhra Pradesh, INDIA.

Certificate of Participation

Certificate No: ME105

This is to certify that Mr. DOKALA DEMUDU NAIDU, Assistant Professor.....

From Nadimpalli Satyanarayana Raju Institute of Technology.....

has successfully participated in *A One Week Faculty Development Program* on

“Exploring Recent Advancements and Innovations in Mechanical Engineering”

Organized by Department of Mechanical Engineering, VIET from 02/01/2024 to 06/01/2024.

Coordinator

Dr. P.V.V. Satyanarayana
Ph.D, M.Tech, MBA, B.Tech

HOD

Dr. T. Satyanarayana
Ph.D, M.E, B.Tech

Principal

Dr. V. Sridhar Patnaik
Ph.D, M.Tech, B.Tech



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88th Division, Narava, Visakhapatnam – 530027 Andhra Pradesh, INDIA.

Certificate of Participation

Certificate No: ME114

This is to certify that Mr. P KAMESWARA RAO, Assistant Professor

From Lendi Institute of Engineering and Technology

has successfully participated in *A One Week Faculty Development Program* on

“Exploring Recent Advancements and Innovations in Mechanical Engineering”

Organized by Department of Mechanical Engineering, VIET from **02/01/2024 to 06/01/2024.**

Coordinator

Dr. P.V.V. Satyanarayana
Ph.D, M.Tech, MBA, B.Tech

HOD

Dr. T. Satyanarayana
Ph.D, M.E, B.Tech

Principal

Dr. V. Sridhar Patnaik
Ph.D, M.Tech, B.Tech



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INSTITUTE OF ENGINEERING & TECHNOLOGY
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68th Division, Narava, GVMC, Visakhapatnam-530027
DIPLOMA IN ENGINEERING MANAGEMENT



COLLEGE CODE
VSPT

PROCESS RECORDS FOR ACADEMICS

(VIET/MECH/2024)

Feed Back for One Week Faculty Development Program on
"Exploring Recent Advancements and Innovations in Mechanical Engineering"

DATE: 02-01-2024 to 06-01-2024

VENUE: VIET BLOCK-1 SEMINAR HALL

PLEASE CIRCLE THE NUMBERS: 5 = EXCELLENT						4 = VERY GOOD	3 = GOOD
2 = SATISFACTORY						1 = BELOW SATISFACTORY	
Resource Person: Mr. P. Sivarama Krishna, GM(O&M) Rtd, NTPC Ltd. Topic: "Emerging trends in power sector"							
Knowledge of The Speaker	1	2	3	4	5	Other remarks:	
Use Of Lecture	1	2	3	4	5	Nice Explanation	
Resource Person: Dr. K. Dayana, Associate Professor, VIET. Topic: "Advancement in Sustainable Development"							
Knowledge of The Speaker	1	2	3	4	5	Other remarks:	
Use Of Lecture	1	2	3	4	5	Excellent	
Resource Person: Dr. P.V.V. Satyanarayana, Associate Professor, VIET. Topic: "Advanced Simulation and Modelling"							
Knowledge of The Speaker	1	2	3	4	5	Other remarks:	
Use Of Lecture	1	2	3	4	5	very good explanation	
Resource Person: Mr. K. Karthik Varma, Sr.Engineer, AU-Centre of Excellence. Topic: "Latest trends in Robotics"							
Knowledge of The Speaker	1	2	3	4	5	Other remarks:	
Use Of Lecture	1	2	3	4	5	nice way of Reporting of all Robots	
Resource Person: Dr. K. Sri ram Vikas, Associate Professor, VIET. Topic: "Solid State Joining"							
Knowledge of The Speaker	1	2	3	4	5	Other remarks:	
Use Of Lecture	1	2	3	4	5	Solid Joining nice explanation	
Resource Person: Mr. S. Ganesh, Executive Consultant, Skill assessment in C.K. Birla Group. Topic: "Smart Manufacturing Technologies, Future Prospects and Career Guidance"							
Knowledge of The Speaker	1	2	3	4	5	Other remarks:	
Use Of Lecture	1	2	3	4	5	good manufacturing techniques	
Resource Person: Mr. CH. Kiran Kumar, Assistant Professor, VIET.							



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 58th Division, Narava, GVMC, Visakhapatnam-530027
DIPLOMA ENGINEERING MANAGEMENT



COLLEGE CODE
VSPT

PROCESS RECORDS FOR ACADEMICS

(VIET/MECH/2024)

Feed Back for One Week Faculty Development Program on
"Exploring Recent Advancements and Innovations in Mechanical Engineering"

DATE: 02-01-2024 to 06-01-2024

VENUE: VIET BLOCK-1 SEMINAR HALL

PLEASE CIRCLE THE NUMBERS: 5 = EXCELLENT							4 = VERY GOOD	3 = GOOD
							2 = SATISFACTORY	1 = BELOW SATISFACTORY
Resource Person: Mr. P. Sivarama Krishna, GM(O&M) Rtd, NTPC Ltd.								
Topic: "Emerging trends in power sector"								
Knowledge of The Speaker	1	2	3	4	5	5	Other remarks:	
Use Of Lecture	1	2	3	4	5	5	VERY GOOD	
Resource Person: Dr. K. Dayana, Associate Professor, VIET.								
Topic: "Advancement in Sustainable Development"								
Knowledge of The Speaker	1	2	3	4	5	5	Other remarks:	
Use Of Lecture	1	2	3	4	5	5	NICE TEACHING	
Resource Person: Dr. P.V.V. Satyanarayana, Associate Professor, VIET.								
Topic: "Advanced Simulation and Modelling"								
Knowledge of The Speaker	1	2	3	4	5	5	Other remarks:	
Use Of Lecture	1	2	3	4	5	5	EXCELLENT	
Resource Person: Mr. K. Karthik Varma, Sr.Engineer, AU-Centre of Excellence.								
Topic: "Latest trends in Robotics"								
Knowledge of The Speaker	1	2	3	4	5	5	Other remarks:	
Use Of Lecture	1	2	3	4	5	5	GOOD TEACHING	
Resource Person: Dr. K. Sri ram Vikas, Associate Professor, VIET.								
Topic: "Solid State Joining"								
Knowledge of The Speaker	1	2	3	4	5	5	Other remarks:	
Use Of Lecture	1	2	3	4	5	5	NICE EXPLANATION	
Resource Person: Mr. S. Ganesh, Executive Consultant, Skill assessment in C.K. Birla Group.								
Topic: "Smart Manufacturing Technologies, Future Prospects and Career Guidance"								
Knowledge of The Speaker	1	2	3	4	5	5	Other remarks:	
Use Of Lecture	1	2	3	4	5	5	EXCELLENT	
Resource Person: Mr. CH. Kiran Kumar, Assistant Professor, VIET.								



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 89th Division, Narava, GVMC, Visakhapatnam-530027
 DIPLOMA IN ENGINEERING



COLLEGE CODE
VSPT

PROCESS RECORDS FOR ACADEMICS

(VIET/MECH/2024)

Feed Back for One Week Faculty Development Program on
 "Exploring Recent Advancements and Innovations in Mechanical Engineering"

DATE: 02-01-2024 to 06-01-2024

VENUE: VIET BLOCK-I SEMINAR HALL

PLEASE CIRCLE THE NUMBERS: 5 = EXCELLENT						4 = VERY GOOD	3 = GOOD
2 = SATISFACTORY						1 = BELOW SATISFACTORY	
Resource Person: Mr. P. Sivarama Krishna, GM(O&M) Rtd, NTPC Ltd. Topic: "Emerging trends in power sector"							
Knowledge of The Speaker	1	2	3	4	5	Other remarks:	
Use Of Lecture	1	2	3	4	5	Very Good	
Resource Person: Dr. K. Dayana, Associate Professor, VIET. Topic: "Advancement in Sustainable Development"							
Knowledge of The Speaker	1	2	3	4	5	Other remarks:	
Use Of Lecture	1	2	3	4	5	Nice teaching	
Resource Person: Dr. P.V.V. Satyanarayana, Associate Professor, VIET. Topic: "Advanced Simulation and Modelling"							
Knowledge of The Speaker	1	2	3	4	5	Other remarks:	
Use Of Lecture	1	2	3	4	5	Excellent	
Resource Person: Mr. K. Karthik Varma, Sr.Engineer, AU-Centre of Excellence. Topic: "Latest trends in Robotics"							
Knowledge of The Speaker	1	2	3	4	5	Other remarks:	
Use Of Lecture	1	2	3	4	5	Good Teaching	
Resource Person: Dr. K. Sri ram Vikas, Associate Professor, VIET. Topic: "Solid State Joining"							
Knowledge of The Speaker	1	2	3	4	5	Other remarks:	
Use Of Lecture	1	2	3	4	5	Very Good	
Resource Person: Mr. S. Ganesh, Executive Consultant, Skill assessment in C.K. Birla Group. Topic: "Smart Manufacturing Technologies, Future Prospects and Career Guidance"							
Knowledge of The Speaker	1	2	3	4	5	Other remarks:	
Use Of Lecture	1	2	3	4	5	Nice Explanation	
Resource Person: Mr. CH. Kiran Kumar, Assistant Professor, VIET.							



DEPARTMENT OF MECHANICAL ENGINEERING

"A One Week Faculty Development Program"

Exploring Recent Advancements and Innovations in Mechanical Engineering

02/01/2024 to 06/01/2024

Date: 11.01.2024

Accounts statement for Rs 45,000/-

S.NO	Name of the Supplier		Invoice No & Date	Amount in Rs.	
1.	Resource Person's	Mr. P. Sivarama Krishna, GM(O&M)Rtd, NTPC Ltd.	6,000	VOUCHER No 01 02-01-2024	30,000
		Mr. K. Karthik Varma, Sr.Engineer, AU-Centre of Excellence Visakhapatnam.	6,000	VOUCHER No 02 04-01-2024	
		Mr. S. Ganesh, Executive Consultant, Skill assessment in C.K. Birla Group.	6,000	VOUCHER No 03 06-01-2024	
		Dr. P.V.V. Satyanarayana, Associate Professor, VIET.	3,000	VOUCHER No 04 06-01-2024	
		Dr. K. Dayana, Associate Professor, VIET.	3,000	VOUCHER No 05 06-01-2024	
		Dr. K. Sri ram Vikas, Associate Professor, VIET.	3,000	VOUCHER No 06 06-01-2024	
		Mr. Ch. Kiran Kumar, Assistant Professor, VIET.	3,000	VOUCHER No 07 06-01-2024	
2.	Other Allowances	Mementos	10*550	Bill. No: 4496 & 4505 02-01-2024 & 05-01-2024	5,500
		Shawls	10*350	Bill. No: 4496 02-01-2024	3,500
		Banners	2*288	Bill. No: 848 29-12-2023	576
		Inauguration Snakes (Tea, Water Bottle, Samosa, Jellaba)	2,000	Bill. No: A0987 02-01-2024	2,000
		Petrol	2620		2620
		Total			

Amount received from institute =

Rs.45,000/-

Total Expenditure =

Rs.44,196/-

Amount to be refunded to the Institute =

Rs.804/-

P.V.V. Sathy
Coordinator of the FDP

[Signature]
HOD of Mechanical Dept.



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 88th Division, Narava, GVMC, Visakhapatnam-530027
DIPLOMA ENGINEERING MANAGEMENT



COLLEGE CODE
VSPT

Date: 05-01-2024

CIRCULAR

This is to inform to all the Head of the Departments of UG and PG are here by informed that Department of Mechanical Engineering is organizing **A One Week Faculty Development Program on "Exploring Recent Advancements and Innovations in Mechanical Engineering"**. We invite all faculty members to the **Valedictory program** of our Faculty Development Program on January 5, 2024 at 3:00 PM. Your active participation is crucial as we reflect on the FDP's insights and discuss implementation strategies. Your presence will greatly contribute to the success of the program.

Date: 06.01.2024

Timings: 03:00 P.M to 04:00 P.M

Venue: Seminar Hall, Block - I


HoD, Mechanical
 Head of the Department
 Department ME
 Visakha Institute of Engg. & Tech.


Principal
 PRINCIPAL
 VISAKHA INSTITUTE OF
 ENGINEERING & TECHNOLOGY
 Narava, Visakhapatnam-530 027

Copy submitted to:- Hon'ble Chairman

Copy to:- All Concerned/Notice Boards

IQAC	R&D	EXAM CELL	CIVIL	EEE	ME/AME	ECE	CSE	BS&H	MBA	LIB
										



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 (Affiliated to JNTUGV, VIZIANAGARAM)
 8th Division, Narava, GVMC, Visakhapatnam-530027



COLLEGE CODE
VSPT

Date: 10-02-2024

CIRCULAR

This is to inform all the faculty of Visakha Institute of Engineering & Technology that a one week faculty development program on "**Business Analytics and Business Intelligence**" will be conducted on 15-02-2024 To 19-02-2024 to enhance your skills, all the faculties are here by informed to register in their respective programs on 10-02-2024 onwards without fail.


 PRINCIPAL
 VISAKHA INSTITUTE OF
 ENGINEERING & TECHNOLOGY
 Narava, Visakhapatnam-530 027.

IQAC	R&D	CIVIL	EEE	ME/ AME	ECE	CSE	BS&H	MBA	MCA
									



Name of the Program: A One Week Faculty Development Program on "Business Analytics and Business Intelligence"

Date: 15-02-2024 To 19-02-2024

COURSE SCHEDULE

S.NO	DATE	TOPICS TO BE COVERED
1.	15-2-2024	Introduction of Business Analytics
2.	16-2-2024	Applications of descriptive
3.	17-2-2024	Inferential Tools.
4.	18-2-2024	Basics of statistical tools
5.	19-2-2024	Marketing - Analytics - Analytics in Finance - Analytics in Finance.

Cy. Rajababu
PROGRAM CO-ORDINATOR

A. Sridhar
HOD

Visakha Institute of Engineering & Technology

(Approved by AICTE, New Delhi & Affiliated to JNTUOV, VIZIANAGARAM.)

A One Week Faculty Development Program "Business Analytics and Business Intelligence 15-02-2024 To 19-02-2024

REGISTRATION FORM

1. Name of the Participant :
2. Name of the Institute :
3. Address of the Institute :
4. Affiliated to :
5. Address for Communication:

6. Contact No. :
7. E-Mail Id :
8. Signature of the Participant(s):

Date:

Station: Visakhapatnam

Chief Patron : Sri G. Satyanarayana
Chairman

Patron : Dr. V. Sridhar Patnaik
Principal

Convener : Dr. A. Tulaseenaidu
MBA, HOD

Coordinator : Mr. G.RAJA BABU
Assistant Professor

Advisory Committee:

- B. Lalitha, Assistant Professor
- M. Hemanth Kumar, Assistant Professor
- M. Bhaskar Naidu, Assistant Professor
- M. Tharangini, Assistant Professor
- CH. Krishna Chaitanya, Assistant Professor
- K.Kalapriya, Assistant Professor
- B. Ramesh Kumar, Assistant Professor

Registration Details: Registration starts from -
10-02-2024.

For further details, contact: Mr. G.RAJABABU
9573497923

A One Week Faculty Development Program "Business Analytics and Business Intelligence 15-02-2024 To 19-02-2024



Organized By
Department of Management Business
Administration
Visakha Institute of Engineering &
Technology

(Approved by AICTE, New Delhi & Affiliated to JNTUOV, VIZIANAGARAM.)

88th Division, Narava
VISAKHAPATNAM – 530 027
Andhra Pradesh, INDIA.

Visakha Institute of Engineering & Technology

(Approved by AICTE, New Delhi & Affiliated to JNTU RV, VISAKHAPATNAM)
Visakha Institute of Engineering & Technology was established in the year 2008, with the sole ambition of giving good and purposeful education to the students. Our students made a mark of excellence by giving the best performance and brought many laurels to this institution. We strongly believe that it was achieved by the students with the support and guidance of efficient teaching faculty, which we are proud and committed to one cause that is to create and develop educational facilities, in order to train deserving young students. The college is located in serene and pollution free environment at Narava 6 km from Gopalapatnam and Air Port. The campus is spread over 10 acres of scenic landscape which is an ideal place.

ABOUT THE DEPARTMENT:

The Department of MBA was established in the year 2009. The motto of the department is to excel, to develop creative Managers to a stature that enables them to become global leaders, entrepreneurs, winner and achiever in the global competitive world,

In all aspects of academic and co-curricular activities, department of MBA has contributed much through its committed academic legacy. With infrastructural facilities and also maintaining the department library for the benefits of students in academics. The department offers Post Graduation program with an intake of 180 students with Specialization HR, Finance, Marketing, Logistics, Health care and Hospital Management, Systems, Business Analytics.

ABOUT One Week Faculty Development Program

This one week faculty development program "Business Analytics and Business Intelligence" program deals with; A one-week faculty development program typically focuses on enhancing teaching skills, improving student engagement, and incorporating innovative practices in education. Here are some common themes and activities that might be included:

CONTENTS OF THE PROGRAM

1. Trends in Language and Jobs
2. Size and Age of the Organization
3. Present vs. Future Focus
 1. Identifying strategic opportunities from data patterns.
 2. Identifying potential problems facing the business and coming up with solutions.
 3. Creating a budget and business forecast.
 4. Monitoring progress with business initiatives.

Business Intelligence vs. Business Analytics



Resource Person:

Dr. N. Naveen
Associate Professor
GITAM University
Visakhapatnam

Organizing Committee:

Dr. A. Tulaseenaidu, Associate Professor
Dr. K. Rajubabu, Associate Professor
Dr. N. Nookaraju, Associate Professor
Dr. S. Keshavanagu, Associate Professor
Mrs. K. Divya, Assistant Professor
Mrs. K. Navya Priya, Assistant Professor
Mrs. G. Kusuma kumari, Assistant Professor
Mr. U. Teja, Assistant Professor
Mr. G. Rajababu, Assistant Professor



Date: 22-02-2024

PROGRAM REPORT

NAME OF THE EVENT	: A One Week Faculty Development Program on Business Analytics and Business Intelligence
DATES	: 15-02-2024 to 19-02-2024
RESOURCE PERSON	: Dr. N. Naveen Associate Professor GITAM University, Vijayawada
CONTACT NUMBER	: +91 9885874503
EMAIL ID	: naveen143@gmail.com
NAME OF THE COORDINATOR	: G, RAJABABU
NUMBER OF STUDENTS ATTENDED	: 30
VENUE	: Seminar hall - III
OBJECTIVE OF THE PROGRAM	: The Faculty will be able to <ul style="list-style-type: none">• Applications of descriptive• Inferential Tools• Basics of statistical tools• Marketing Analytics• Analytics in Finance• Analytics in Finance



TOPICS COVERED :

- Applications of descriptive
- Inferential Tools
- Basics of statistical tools
- Marketing Analytics
- Analytics in Finance
- Analytics in Finance





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58th Division, Nireva, GVMO, Visakhapatnam-530027
DIPLOMA IN ENGINEERING AND MANAGEMENT



COLLEGE CODE
VSPT



Cy. Rajababu
PROGRAM COORDINATOR

Abise
HOD



VISAKHA
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Approved by AICTE NEW DELHI
(Affiliated to JNTUGV, VIZIANAGARAM)
80th Division, Narava, GVMC, Visakhapatnam-530027



COLLEGE CODE
VSPT

A One Week Faculty Development Program on "Business Analytics and Business Intelligence"

DURATION OF THE PROGRAM: 15-02-2024 to 19-02-2024

A.Y.2023-24

S. No.	Name of the Faculty	15-02-2024	16-02-2024	17-02-2024	18-02-2024	19-02-2024
1	DR. A. TULASEE NAIDU	A. Naidu	A. Naidu	A. Naidu	A. Naidu	A. Naidu
2	GANESH VARAHA GANISSETTY	G. V. Ganesh	G. V. Ganesh	G. V. Ganesh	G. V. Ganesh	G. V. Ganesh
3	DR S KESHAVA NAGU	S. Keshava	S. Keshava	S. Keshava	S. Keshava	S. Keshava
4	DR K RAJU BABU	K. Raju	K. Raju	K. Raju	K. Raju	K. Raju
5	DR N. NOOKA RAJU	N. Nooka Raju	N. Nooka Raju	N. Nooka Raju	N. Nooka Raju	N. Nooka Raju
6	U TEJA	U. Teja	U. Teja	U. Teja	U. Teja	U. Teja
7	PAILA JHANSI DEVI	P. Jhansi Devi	P. Jhansi Devi	P. Jhansi Devi	P. Jhansi Devi	P. Jhansi Devi
8	KUNDRAPU DIVYA	K. Divya	K. Divya	K. Divya	K. Divya	K. Divya
9	GINNI KUSHUMA	G. Kusuma	G. Kusuma	G. Kusuma	G. Kusuma	G. Kusuma
10	PEDIREDDI BHARATHI	P. Bharathi	P. Bharathi	P. Bharathi	P. Bharathi	P. Bharathi
11	KAPPALA NAVYA PRIYA	K. Navya Priya	K. Navya Priya	K. Navya Priya	K. Navya Priya	K. Navya Priya
12	DR. P. SATYA VARA PRASAD	P. Satya Varas	P. Satya Varas	P. Satya Varas	P. Satya Varas	P. Satya Varas
13	DR.M. LAKSHMI PRIYA	M. Lakshmi Priya	M. Lakshmi Priya	M. Lakshmi Priya	M. Lakshmi Priya	M. Lakshmi Priya
14	K. VUAYA BHASKAR	K. Vijaya Bhaskar	K. Vijaya Bhaskar	K. Vijaya Bhaskar	K. Vijaya Bhaskar	K. Vijaya Bhaskar
15	K GANESHWARA RAO	K. Ganeshwara Rao	K. Ganeshwara Rao	K. Ganeshwara Rao	K. Ganeshwara Rao	K. Ganeshwara Rao
16	BADE ANANDARAO	B. Anand Rao	B. Anand Rao	B. Anand Rao	B. Anand Rao	B. Anand Rao
17	DR. K. S ANJANEYA CHAUDARY	K. Sanjeya Choudary	K. Sanjeya Choudary	K. Sanjeya Choudary	K. Sanjeya Choudary	K. Sanjeya Choudary
18	CH.SUSHMA RANI	Ch. Sushma Rani	Ch. Sushma Rani	Ch. Sushma Rani	Ch. Sushma Rani	Ch. Sushma Rani
19	G.RAJA BABU	G. Raja Babu	G. Raja Babu	G. Raja Babu	G. Raja Babu	G. Raja Babu
20	V.SRINIVASA VARA PRASAD	V. Srinivasa Varas	V. Srinivasa Varas	V. Srinivasa Varas	V. Srinivasa Varas	V. Srinivasa Varas
21	K. PRAVALIKA	K. Pravalika	K. Pravalika	K. Pravalika	K. Pravalika	K. Pravalika
22	M.R.JAGAN KUMAR	M. Jagann Kumar	M. Jagann Kumar	M. Jagann Kumar	M. Jagann Kumar	M. Jagann Kumar
23	DR. K DAYANA	K. Dayana	K. Dayana	K. Dayana	K. Dayana	K. Dayana
24	Mrs. CHANDANA	Chandana	Chandana	Chandana	Chandana	Chandana
25	G.PADMA	G. Padma	G. Padma	G. Padma	G. Padma	G. Padma
26	B JEEVANA RAO	B. Jeevana Rao	B. Jeevana Rao	B. Jeevana Rao	B. Jeevana Rao	B. Jeevana Rao
27	KORADA VARALAKSHMI	K. Varalakshmi	K. Varalakshmi	K. Varalakshmi	K. Varalakshmi	K. Varalakshmi
28	K BHARGAV	K. Bhargava	K. Bhargava	K. Bhargava	K. Bhargava	K. Bhargava
29	BULA VINODH	B. Vinodh	B. Vinodh	B. Vinodh	B. Vinodh	B. Vinodh
30	ALLA MURALI KRISHNA	A. Murali Krishna	A. Murali Krishna	A. Murali Krishna	A. Murali Krishna	A. Murali Krishna



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88th Division, Narava, GVMC, Visakhapatnam-530027
DIIGNAM ENGINEERING MANAGEMENT



Certificate of Participation

This is to certify that Mr./Ms./Mrs. Dr.N.NOOKARASTU,
of Faculty, has participated in A One Week Faculty Development
Program on "Business Analytics and Business Intelligence" Organized by
Department of MBA, VISA KHAINSTITUTE OF ENGINEERING &
TECHNOLOGY, Narava, 88th division, Visakhapatnam, A.P. State, India,
From 15-02-2024 To 19-02-2024


Program Coordinator

Mr. G. Rajababu


HOD

Dr. A. Tulaseenaidu


Principal

Dr. V. Sridhar Patnaik



1 Online / Offline content

1. The online content of Spoken Tutorials can be accessed from :
<https://spoken-tutorial.org/tutorial-search/>
2. You can also download the Spoken Tutorials for offline learning from :
<https://spoken-tutorial.org/edxcontent/>
3. From this link download the FOSS categories in the language you wish to learn.
4. The Spoken Tutorial content will be downloaded as a zip file on your machine.
5. Extract the contents of the zip file & access them.

2 The procedure to practise

1. You have been given a set of spoken tutorials and files.
2. You will typically do one tutorial at a time.
3. You may listen to a spoken tutorial and reproduce all the steps shown in the video *Side-by-Side Method*.
4. If you find it difficult to do the above, you may consider listening to the *whole* tutorial once and then practise during the second hearing.

3 eSim

1. Click on "Select FOSS" or "All FOSS Categories" drop-down and choose "eSim".
2. Click on "Select Language" drop-down or "All Languages" drop-down and choose the language (English).
3. Click on "Submit" or "Search" button.
4. You will see a list of tutorials based on your selection.
5. Start with the first tutorial in the displayed list.

4 General Instructions for eSim:

1. Always select components from the libraries starting with eSim for precise simulation results.
2. Whenever the Missing Libraries pop-up window appears, click on Close.
3. Whenever the Project Rescue Helper dialog box appears, click on OK.
4. At the end of each tutorial, close the schematic by pressing **Ctrl and Q** keys together on the eSim schematic editor window.
5. At the end of each tutorial, remove the project selected from the Projects window. To do so right click on the Project and select the *Remove Project* option.
6. To see all the files listed under a particular project, right click on that project's name from the Projects window and select *refresh* option.

5 Common instructions

1. To view the tutorial, click on the **Play** icon which is located in the player.
2. The **Pre-requisite** and **Slides** will be visible below the player (only for Online contents).
3. **Outline**, **Assignments**, **Code Files** and **Additional Reading Material** are available below the player.
4. Attempt the **Assignments** as instructed in the tutorial, wherever applicable.
5. Adjust the size of the browser in such a way that you are able to practise in parallel.

5.1 Common instructions to use Code files

- (a) Click on the link "Code files" located below the player and save it in your folder.
 - (b) Extract the downloaded zip file.
 - (c) You will see all the code/source files used in the particular tutorial.
 - (d) Use these files as per the instructions given in the particular tutorial.
6. Play-pause-practise the whole tutorial.
 7. Once the tutorial is complete, choose the next tutorial from the playlist which is located on the right side or below the player.
 8. Reproduce all the actions as shown in the video.
 9. Follow all the above instructions, till you complete all the tutorials in the series.

6 First tutorial: Schematic Creation and Simulation

1. Locate the topic **Schematic Creation and Simulation** and click on it.
2. To view the tutorial, click on the **Play** icon which is located in the player.
3. Select components only from the libraries starting with eSim.
4. When assigning a new value to any component or changing the existing value, follow the exact method demonstrated at time 7:11. Please take care that you do NOT change the field reference.
5. If you have changed values of components in the schematic, follow the procedure mentioned from time 9:17 to 11:32 to reflect those changes in the simulation compatible netlist.
6. Make sure the analysis parameters and source details are same as mentioned from time 9:52 to 11:20.
7. If you are using Windows OS, at time 14:32 in the tutorial, please go to C:/FOSSEE/eSim/src/deviceModelLibrary/Diode/ and select **D_11b** from there.

7 Second Tutorial: Simulating an Astable Multivibrator

1. When assigning a new value to any component or changing the existing value, follow the exact method demonstrated at time 6:52. Please take care that you do NOT change the field reference.
2. If you have changed values of components in the schematic, follow the procedure mentioned from time 8:16 to 10:08 to reflect those changes in the simulation compatible netlist.
3. Make sure the analysis parameters, source details and device modelling tab values are exactly as mentioned from time 8:37 to 9:47.

If you are using Windows OS:

1. At time 9:14 in the tutorial, please go to `C:/FOSSEE/eSim/src/deviceModelLibrary/Diode/` and select LED_11b from there.
2. At time 9:36 in the tutorial, please go to `C:/FOSSEE/eSim/src/deviceModelLibrary/Transistor/` and select BC547B_11b from there.

8 Third Tutorial: Mapping components with Footprints

1. Examples folder of eSim is present under `C:/FOSSEE/eSim/`

9 Sixth Tutorial: Setting Parameters for Designing PCB

1. Download the Code files provided for this tutorial and extract the downloaded folder.
2. Place the extracted folder 7805VoltageRegulator on your Desktop.

10 Fifth Tutorial: Laying Tracks on PCB

1. Try this tutorial *only after* you have performed Setting Parameters for Designing PCB tutorial.

2. Use the same project that was used for the Setting Parameters for Designing PCB tutorial, i.e. 7805VoltageRegulator, which is saved on your Desktop.
3. At 3:10 in the Copper Zone Properties dialog box, in the setting tab, Clearance(mm) value should be set to 0.8mm.

11 Sixth Tutorial: PCB Layout for Astable Multivibrator

1. Download the Code files provided for this tutorial and extract the downloaded folder.
2. Please select total of 6 layers for which the Gerber files are to be generated, as mentioned at time 8:21 onward. Those layers are: B.Cu, F.Silks, Edge.Cuts, F.Mask, B.Mask and F.Cu.

12 Seventh Tutorial: Creating a Device Model

1. If you are using Windows OS, download and install the application Notepad++ to view and edit files with .lib extension.

13 Ninth Tutorial: Subcircuit Builder

1. At 13:57, in the Python plotting section, the narrator mentions the node's name as `cy`. Please note that the nodes name is actually `Cout`.

14 Eleventh Tutorial: Uploading a Spice Subcircuit file

1. Some of the plots when simulated will appear on top of each other so you might see more plots in your computer than shown in the tutorial.
2. At time 5:20 onward, upon opening the `ujt.sub` file, the line `.include HA.sub ** This is an example line**` appears in the `ujt.sub` file. Please note it was added for reference purpose and is not part of the actual subcircuit, as the comment suggests. This line will not be present in your file.

- Make users aware of the importance of circuit simulations.
- To recognise students and faculty who are good in this area.

Adoption & development of open source simulation packages equivalent to proprietary software, and is based at Indian Institute of Technology Bombay.

Lab Migration

We help Colleges & Institutes shift their EDA labs based on proprietary tools to eSim.

The Lab Migration team helps in the following ways:

- Provide suggestions on the different ways eSim can be implemented in the lab.
- Coordinate lab migration.
- Provide solutions to the lab's problem statements.
- Provide support to the faculty and lab in charge.

Adoption & development of open source simulation packages equivalent to proprietary software, and is based at Indian Institute of Technology Bombay.

Spoken Tutorials

The eSim team has created Spoken Tutorials on eSim. For self-learning, we recommend you to use the Spoken Tutorials available on our web site.

Forum

Forum is a place where one can post all their doubts and questions which users / developers get while using eSim. Please reach out to us with your queries on installation and use of eSim through our Forum page.

Adoption & Development

FOSSEE (Free and Open Source Software for Education) project is funded by the National Mission on Education through ICT, MHRD. The FOSSEE team works on 'Adoption & development of Open Source simulation

packages equivalent to proprietary software', and is based at Indian Institute of Technology Bombay.

Other Projects under FOSSEE

Scilab, Python, DWSIM, Osdag, R, OpenFOAM, Xcos, QGIS, OpenModelica, Focal and Open hardware, etc.

Activities of FOSSEE

- Textbook Companion
- Lab Migration
- Niche Software Activities
- Forum
- Workshops and Conferences

Weblinks

eSim:

<https://esim.fossee.in>

Circuit Simulation Project:

<https://www.fossee.in/central-simulation-project>

Lab Migration:

<https://www.fossee.in/labmigration-project>

Forum:

<https://esim.fossee.in/forum>

Spoken Tutorials:

<https://www.fossee.in/working/2017/04/18/>

Github repository:

<https://github.com/FOSSEE/eSim>

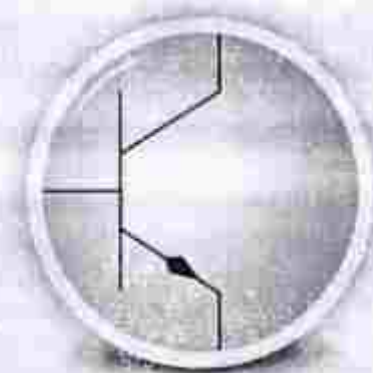
<https://github.com/FOSSEE/ghal>

Contact us:

General help & Queries:
Email: contact@esim.fossee.in

Sponsored by:

National Mission on Education through ICT, MHRD
<http://sakshat.ac.in>



eSim

A Free and Open
Source EDA Tool

<https://esim.fossee.in>

FOSSEE
better
education

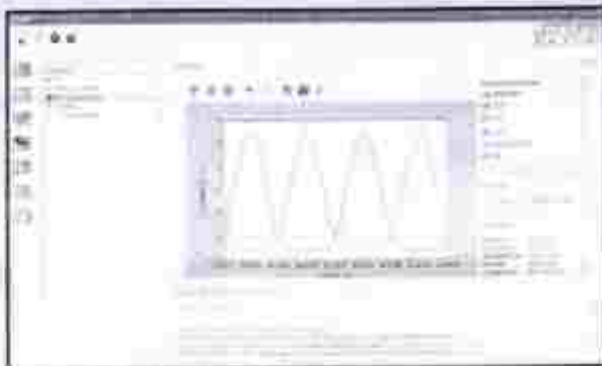
<https://fossee.in>



Introduction to eSim

eSim (previously known as Gscad / FreeEDA) is a free/ libre and open source EDA tool developed by the FOSSEE team at IIT Bombay. It can be used for circuit design, simulation, and PCB design. It also supports mixed-mode simulation.

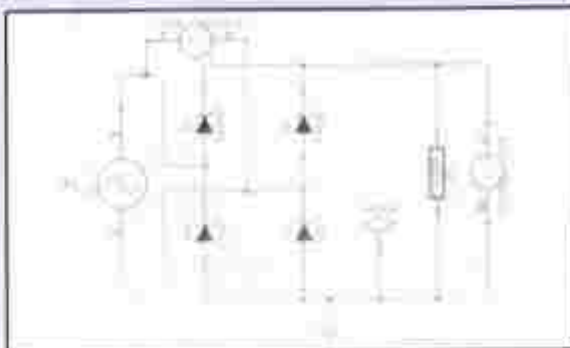
It is an integrated tool built using free/libre and open source software such as KiCad (<http://www.kicad-pcb.org/>), Ngspice (<http://ngspice.sourceforge.net/>) and GHDL (<http://ghdl.free.fr/>). eSim is released under GNU GPL License and runs on Ubuntu Linux OS, Windows 7 and above versions of Windows OS.



Features

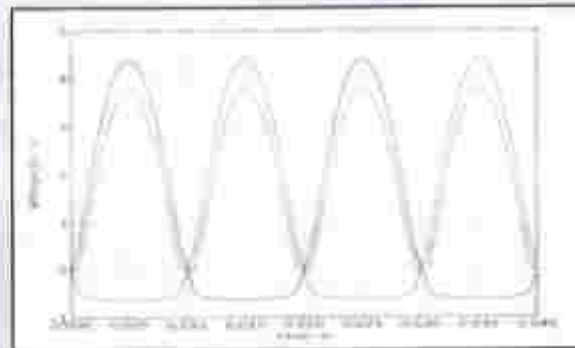
Create Circuit Schematic

- Generate netlists for simulation and PCB design.
- Perform Electric Rules Check (ERC).
- Create new components using Library Editor.



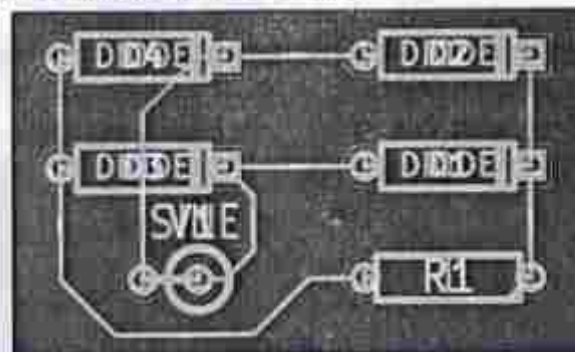
Perform Circuit Simulation

- Analog, digital and mixed signal circuit simulations.
- Perform AC, DC, DC operating point and Transient analyses.
- Interactive Python plotting.



Create PCB Layout

- Design multilayer PCB layouts.
- Create custom footprints or Modify the existing footprints per requirement.
- Export the design in formats such as Gerber, PDF, SVG and several other formats.



Advanced Features

Model Builder

- Create/upload spice model for semiconductor devices.
- Modify or edit existing spice models for semiconductor devices.

Subcircuit Builder

- Create a new subcircuit at schematic level.
- Edit existing subcircuits down to schematic level.

NGHDL

- Using NGHDL, user can create custom digital models using VHDL language. From simple multiplexers, counters to microcontrollers and ASICs, any custom component in the digital domain can be realized using the NGHDL tool.
- The created digital model can be used in either mixed-mode circuit or a standalone circuit operating in digital domain.
- NGHDL gives user the liberty to edit existing models supplied with eSim as per their needs, either for experimenting new ideas or to change the model as per their specific requirement.
- We are currently working towards including the support for simulations involving micro-controllers.

Circuit Simulation Project

FOSSEE, IIT Bombay, encourages students, faculty, and practitioners of electrical and electronics and allied fields to participate in the Circuit Simulation project using eSim. The Circuit Simulation project aims to port existing circuit designs and simulations using eSim.

The objectives of this project are to:

- Make available a large number of Circuit Simulation examples through crowdsourcing.
- Create a database of device models and subcircuits that can be distributed to other users.
- Form a community of users who can contribute and take advantage of the resources available.



Spoken Tutorial
Project at
IIT Bombay

Certificate of Participation



NATIONAL MISSION ON
TEACHERS AND TEACHING

This is to certify that **KAUSAR JAHAN** has participated in **Faculty Development Programme** from **2023-10-05** to **2023-10-18** on **eSim** organized by **Visakha Institute of Engineering & Technology (VSPT)** with course material provided by Spoken Tutorial Project, IIT Bombay.

Prof. Kannan M Moudgalyn
IIT Bombay

Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India



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Prof. Kannan M Moudgalya
IIT Bombay

Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India



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Developed at IIT Bombay.



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1. The procedure to install eSim in Ubuntu Linux 16.04 or 18.04 or 20.04 LTS (64-bit machines)

1.1 Getting ready for eSim installation

1. To follow the installation procedure, you need to be connected to the Internet
2. Following system requirements should be met:
 - i. Linux: 64-bit x86 Ubuntu 16.04/18.04/20.04 LTS
 - ii. At least 4GB disk space should be available
 - iii. Minimum of 2GB RAM
 - iv. 2 GHz dual-core processor or above
3. Please note: A text editor (for example: Gedit/Vim) is required to view and edit certain files.

1.2 Installing eSim on your machine

1. Go to <https://esim.fossee.in/downloads>
2. Now from the section eSim 2.1 go to **Installers**. To download and save the file, click on the zip file **eSim-2.1.zip** under **Ubuntu 16.04 and above LTS versions** section
3. Locate the downloaded file on your computer. It will be in the **Downloads** folder ideally.
4. Open a terminal by pressing **Ctrl+Alt+T** keys
5. Change the directory using **cd** command to the location where the downloaded **eSim-2.1.zip** file is kept. For example, **cd Downloads**
6. Unzip the file by typing **unzip eSim-2.1.zip** and press **Enter** key
7. Change the directory to **eSim-2.1** using the **cd** command by typing **cd eSim-2.1**
8. Type the following commands and press **Enter** after typing each command:
 - a. **chmod +x install-eSim.sh**
 - b. **./install-eSim.sh --install**

Note: On Ubuntu 16.04 LTS, in case you are facing difficulties, please use the command
sudo ./install-eSim.sh --install
9. If prompted, type the admin password and press **Enter**
10. You may get the following prompt: **Is your internet behind proxy? (y/n)**
If you are behind a network proxy, you should type **y** and enter the details to continue.
If not, then type **n** to continue
11. eSim will be installed on your computer and a shortcut icon will appear on your Desktop

2. The procedure to install eSim in Windows 10 (64-bit)

2.1 Getting ready for eSim installation

1. To follow the installation procedure, you need to be connected to the Internet
2. Following system requirements should be met:
 - i. Windows 10: 64-bit
 - ii. At least 4GB free space should be available in your C:/ Drive
 - iii. Minimum of 2GB RAM
 - iv. 2 GHz dual-core processor or above

3. Disable any anti-virus running on your system (e.g., Norton, Kaspersky, AVG, Avast etc.)
4. Please note: Notepad++ is required to view and edit certain files

2.2 Installing eSim on your machine

1. Go to <https://esim.fossee.in/downloads>
2. Under the section **eSim 2.1** go to the subsection **Installers**. To start the download, click on the zip file **eSim-2.1_install.exe** from the **Windows 7 and above(64 bit PC)** section
3. Locate the file on your computer. It will be in the **Downloads** folder ideally
4. Open the location where this file is downloaded and double click on **eSim-2.1_install.exe**
5. If a pop-up window appears asking, "Do you want to allow the following program from an unknown publisher to make changes to this computer?", click **Yes** to continue
6. In the **License Agreement** window, select the **I Agree** option
7. In the **Choose Install Location** window, click on **Next**
8. In the **Choose Start Menu Folder** window, click on **Install**
9. A progress bar will appear; once it reaches 100%, **Installation: Complete** message will be displayed at the top of the eSim setup window. Click on **Close**.
10. eSim shortcut icon will be visible on your Desktop

3 Procedure to check eSim installation

1. Double click on the **eSim** icon on your Desktop and wait till an interface appears.
Please do not close the terminal while using eSim because it will close eSim as well
2. Click on the **Open Project** button from the top-left corner of eSim interface.
Windows OS users: go to the location **C:/FOSSEE/eSim/Examples/** and select **Halfwave_Rectifier**
Ubuntu Linux OS users: go to **~/Downloads/eSim-2.1/Examples/** and choose **Halfwave_Rectifier**
3. Double click on the project's name from the project explorer window and click the **Open Schematic** button from the left-most toolbar. A schematic window will appear
4. On the eSim interface, for the same **Halfwave_Rectifier** project click on **Simulation** button from the left-most toolbar. The output plots will be displayed. This indicates that the installation is successful.



VISAKHA
 INSTITUTE OF ENGINEERING & TECHNOLOGY
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DIPLOMA ENGINEERING MANAGEMENT











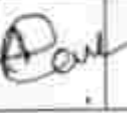

COLLEGE CODE
VSPT

Date: 8-11-2023

CIRCULAR

This is to inform all the faculty of Visakha Institute of Engineering & Technology that a one week faculty development program on "Innovative Teaching and Learning Pedagogy" will be conducted on 12-11-2023 To 17-11-2023 to enhance your skills, all the faculties are here by informed to register in their respective programs on 08-11-2023 onwards without fail.


 PRINCIPAL
 VISAKHA INSTITUTE OF
 ENGINEERING & TECHNOLOGY
 Narava, Visakhapatnam-530 027.

IQAC	R&D	CIVIL	EEE	ME/ AME	ECE	CSE	BS&H	MBA	MCA
									



VISAKHA
INSTITUTE OF ENGINEERING & TECHNOLOGY
Approved by AICTE NEW DELHI
(Affiliated to JNTUK, KAKINADA)
88th Division, Narava, GVMC, Visakhapatnam-530027



COLLEGE CODE
VSPT

Name of the Program: One Week Faculty Development Program on
"Innovative Teaching and Learning Pedagogy"

Date: 12-11-2023 To 17-11-2023

COURSE SCHEDULE

S.NO	DATE	TOPICS TO BE COVERED
1	12-11-2023	Introduction
2	13-11-2023	Pedagogical Strategies
3	14-11-2023	Technology Integration
4	15-11-2023	Work-life Balance
5	16-11-2023	Leadership Development
6	17-11-2023	Curriculum Development
7		Assessment Techniques
8		
9		
10		
11		
12		

Cy. Rajababu
PROGRAM CO-ORDINATOR

A. Jais
HOD

Visakha Institute of Engineering & Technology

(Approved by AICTE, New Delhi & Affiliated to JNTU(GV, VIZIANAGARAM)

A One Week Faculty Development Program on "Innovative Teaching and Learning Pedagogy"

12-11-2023 To 17-11-2023

REGISTRATION FORM

1. Name of the Participant :
2. Name of the Institute :
3. Address of the Institute :
4. Affiliated to :
5. Address for Communication:

6. Contact No. :
7. E-Mail Id :
8. Signature of the Participant(s):

Date:

Station: Visakhapatnam

Chief Patron : Sri G. Satyanarayana
Chairman

Patron : Dr. V. Sridhar Patnaik
Principal

Convener : Dr. A. Tulaseenaidu
MBA, HOD

Coordinator : Mr. G.RAJA BABU
Assistant Professor

Advisory Committee:

- B. Lalitha, Assistant Professor
M. Hemanth Kumar, Assistant Professor
M. Bhaskar Naidu, Assistant Professor
M. Tharangini, Assistant Professor
CH. Krishna Chaitanya, Assistant Professor
K.Kalapriya, Assistant Professor
B. Ramesh Kumar, Assistant Professor

Registration Details: Registration starts from -
08-11-2023,

For further details, contact: Mr. G.RAJA BABU
9573497923

A One Week Faculty Development Program on "Innovative Teaching and Learning Pedagogy"

12-11-2023 To 17-11-2023



Organized By

Department of Management Business Administration
Visakha Institute of Engineering & Technology

(Approved by AICTE, New Delhi & Affiliated to JNTU(GV, VIZIANAGARAM)

88th Division, Narava
VISAKHAPATNAM – 530 027
Andhra Pradesh, INDIA.

Visakha Institute of Engineering & Technology

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Visakha Institute of Engineering & Technology was established in the year 2008, with the sole ambition of giving good and purposeful education to the students. Our students made a mark of excellence by giving the best performance and brought many laurels to this institution. We strongly believe that it was achieved by the students with the support and guidance of efficient teaching faculty, which we are proud and committed to one cause that is to create and develop educational facilities, in order to train deserving young students. The college is located in serene and pollution free environment at Narava 6 km from Gopalapatnam and Air Port. The campus is spread over 10 acres of scenic landscape which is an ideal place.

ABOUT THE DEPARTMENT:

The Department of MBA was established in the year 2009. The motto of the department is to excel, to develop creative Managers to a stature that enables them to become global leaders, entrepreneurs, winner and achiever in the global competitive world.

In all aspects of academic and co-curricular activities, department of MBA has contributed much through its committed academic legacy. With infrastructural facilities and also maintaining the department library for the benefits of students in academics. The department offers Post Graduation program with an intake of 180 students with Specialization HR, Finance, Marketing, Logistics, Health care and Hospital Management, Systems, Business Analytics.

ABOUT One Week Faculty Development Program

This one week faculty development program "Innovative Teaching and Learning Pedagogy" program deals with; A one-week faculty development program typically focuses on enhancing teaching skills, improving student engagement, and incorporating innovative practices in education. Here are some common themes and activities that might be included:

CONTENTS OF THE PROGRAM

- Pedagogical Strategies
- Assessment and Evaluation
- Technology Integration
- Inclusive Teaching
- Research and Scholarship
- Mentorship and Peer Support
- Work-Life Balance
- Leadership Development
- Teaching Effectiveness
- Curriculum Development
- Assessment Techniques
- Technology Use
- Diversity and Inclusion
- Mentoring
- Professional Growth

Components of the Faculty Development Center



Resource Person:

Dr. J. James
Associate Professor
GITAM University
Visakhapatnam

Organizing Committee:

Dr. A. Tulaseenaidu, Associate Professor
Dr. K. Rajubabu, Associate Professor
Dr. N. Nookaraju, Associate Professor
Dr. S. Keshavanagu, Associate Professor
Mrs. K. Divya, Assistant Professor
Mrs. K. Navya Priya, Assistant Professor
Mrs. G. Kusuma kumari, Assistant Professor
Mr. U. Teja, Assistant Professor
Mr. G. Rajababu, Assistant Professor



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88th Division, Narava, GVMC, Visakhapatnam-530027
GITAM ENGINEERING MANAGEMENT



COLLEGE CORE
VSPT

Date: 20-11-2023

PROGRAM REPORT

NAME OF THE EVENT: Faculty development Program Conducted On Innovative Teaching and Learning Pedagogy

DATES : 12-11-2023 to 17-11-2023

RESOURCE PERSON : Dr. J. James
Associate Professor
GITAM University, Vijayawada

CONTACT NUMBER : +91 9000562744

EMAIL ID : james123@gmail.com

NAME OF THE COORDINATOR : G. RAJABABU

NUMBER OF STUDENTS ATTENDED : 30

VENUE : Seminar hall - III

OBJECTIVE OF THE PROGRAM : The Faculty will be able to

- Pedagogical Strategies
- Assessment and Evaluation
- Technology Integration
- Inclusive Teaching
- Research and Scholarship
- Mentorship and Peer Support
- Work-Life Balance
- Leadership Development
- Teaching Effectiveness
- Curriculum Development
- Assessment Techniques



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DIPLOMA ENGINEERING MANAGEMENT



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- Technology Use
- Diversity and Inclusion
- Mentoring
- Professional Growth

TOPICS COVERED :

- Assessment and Evaluation
- Technology Integration
- Inclusive Teaching
- Research and Scholarship
- Mentorship and Peer Support
- Work-Life Balance
- Leadership Development
- Teaching Effectiveness
- Curriculum Development
- Assessment Techniques
- Technology Use
- Diversity and Inclusion
- Mentoring
- Professional Growth



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A. Rajababu
PROGRAM COORDINATOR

Arjun
HOD



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COLLEGE CODE
VSPT

Faculty development Program Conducted On "Innovative Teaching and Learning Pedagogy"

DURATION OF THE PROGRAM: 12-11-2023 to 17-11-2023

A.Y.2023-24

S. No.	Name of the Faculty	12-11-2023	13-11-2023	14-11-2023	15-11-2023	16-11-2023	17-11-2023
1	DR. A. TULASEE NAIDU	A. Tulasee	A. Tulasee	A. Tulasee	A. Tulasee	A. Tulasee	A. Tulasee
2	GANESH VARAHA GANISETTY	G. V. Ganesh	G. V. Ganesh	G. V. Ganesh	G. V. Ganesh	G. V. Ganesh	G. V. Ganesh
3	DR S KESHAVA NAGU	S. Keshava	S. Keshava	S. Keshava	S. Keshava	S. Keshava	S. Keshava
4	DR K RAJU BABU	K. Raju	K. Raju	K. Raju	K. Raju	K. Raju	K. Raju
5	DR N. NOOKA RAJU	N. Nooka Raju	N. Nooka Raju	N. Nooka Raju	N. Nooka Raju	N. Nooka Raju	N. Nooka Raju
6	UTEJA	U. Teja	U. Teja	U. Teja	U. Teja	U. Teja	U. Teja
7	PAILA JHANSI DEVI	P. Jhansi	P. Jhansi	P. Jhansi	P. Jhansi	P. Jhansi	P. Jhansi
8	KUNDRAPU DIVYA	K. Divya	K. Divya	K. Divya	K. Divya	K. Divya	K. Divya
9	GINNI KUSHUMA	G. Kushi	G. Kushi	G. Kushi	G. Kushi	G. Kushi	G. Kushi
10	PEDIREDDI BHARATHI	P. Bharathi	P. Bharathi	P. Bharathi	P. Bharathi	P. Bharathi	P. Bharathi
11	KAPPALA NAVYA PRIYA	K. Navya	K. Navya	K. Navya	K. Navya	K. Navya	K. Navya
12	DR. P. SATYA VARA PRASAD	P. Satya	P. Satya	P. Satya	P. Satya	P. Satya	P. Satya
13	DR.M. LAKSHMI PRIYA	M. Lakshmi	M. Lakshmi	M. Lakshmi	M. Lakshmi	M. Lakshmi	M. Lakshmi
14	K. VUAYA BHASKAR	K. Vijaya	K. Vijaya	K. Vijaya	K. Vijaya	K. Vijaya	K. Vijaya
15	K GANESHWARA RAO	K. Ganesh	K. Ganesh	K. Ganesh	K. Ganesh	K. Ganesh	K. Ganesh
16	BADE ANANDARAO	B. Anand	B. Anand	B. Anand	B. Anand	B. Anand	B. Anand
17	DR. K. S ANJANEYA CHAUDARY	K. S. Anjaneya	K. S. Anjaneya	K. S. Anjaneya	K. S. Anjaneya	K. S. Anjaneya	K. S. Anjaneya
18	CH.SUSHMA RANI	Ch. Sushma	Ch. Sushma	Ch. Sushma	Ch. Sushma	Ch. Sushma	Ch. Sushma
19	G.RAJA BABU	G. Raja	G. Raja	G. Raja	G. Raja	G. Raja	G. Raja
20	V.SRINIVASA VARA PRASAD	V. Srinivasa	V. Srinivasa	V. Srinivasa	V. Srinivasa	V. Srinivasa	V. Srinivasa
21	K. PRAVALIKA	K. Pravalika	K. Pravalika	K. Pravalika	K. Pravalika	K. Pravalika	K. Pravalika
22	M.R.JAGAN KUMAR	M. R. Jagan	M. R. Jagan	M. R. Jagan	M. R. Jagan	M. R. Jagan	M. R. Jagan
23							
24							
25							
26							
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28							
29							
30							



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BILIMUNDA, ENGINEERING COLLEGE CAMPUS



Certificate of Participation

This is to certify that Mr./Ms./Mrs. GINPRI KUSUMA
of Faculty has participated in A One Week Faculty Development
Program on "Innovative Teaching and Learning Pedagogy" Organized by
Department of MBA, VISAKHAINSTITUTE OF ENGINEERING &
TECHNOLOGY, Narava, 88th division, Visakhapatnam, A.P. State, India,
From 12-11-2023 To 17-11-2023


Program Coordinator

Mr. G. Rajababu


HOB

Dr. A. Tulasenaidu

Dr. 
Principal

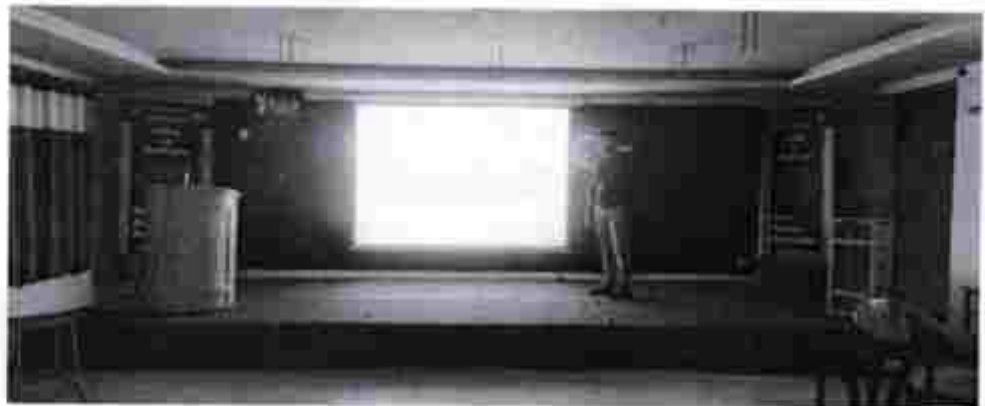

Principal



PROGRAM REPORT

Date: 26-03-2024

TITLE OF THE EVENT:	Five days FDP on "Sustainable Lighting Design in Modern Industry using DIALux EVO"
RESOURCE PERSON NAME(S):	1. Mr. D.J Tataji, Assistant Professor, AIET Ph: 9052638638 Email: j.tataji104@gmail.com 2. Mr. B Ganesh, Assistant Professor, VIET Ph: 7901013285 Email: ganeshburi210@gmail.com
DURATION:	Five days
DATES:	18/03/2024 TO 22/03/2024
NO. OF PARTICIPANTS:	48
DESCRIPTION:	<p>The Department of EEE conducted a Five-Day on line Faculty Development Program on "Sustainable Lighting Design in Modern Industry using DIALux EVO", during: 18th – 22nd MARCH, 2023.</p> <p>First Day: Session is engaged by Mr. D.J Tataji, Assistant Professor, AIET, and Vizianagaram. He given complete overview about In addition to the new function for calculating light emission, this release brings many other innovations that will make your lighting design process much easier, including improved BIM integration and collaborations with DDScad and Metaroom. In this article, we will guide you through the new features and how you can integrate them into your projects for optimal results.</p>



Second Day: This session is engaged by Mr. D.J Tataji, Assistant Professor, (AIET, and Vizianagaram). He given the DIALux evo 13 introduces advanced setting options for importing IFC models (Industry Foundation Classes), giving you more control over how your building geometry is processed. You can now choose between a new and a legacy import method.



Third Day: This session is engaged by Mr.B. Ganesh, Assistant Professor, VIET, and Visakhapatnam. He gave the presentation on DIALux evo now imports spaces exactly as defined in the IFC model, including their names and detailed descriptions. This eliminates the need for DIALux's own room detection and ensures that your project stays true to the original model specifications.



Fourth Day: Resource person Mr. B. Ganesh, Assistant Professor, VIET, Visakhapatnam discussed about the benefits of The handling of spaces is now much more flexible. You can change them geometrically and they can be defined both nested inside each other and adjacent to each other, regardless of the physical room.

Fifth Day: Resource person given overview of various Depending on the project, entire buildings with multiple floors and rooms can be imported. The rooms are transferred with their IFC-defined designations. After import, planners can immediately begin with the lighting design. The planning results can then be exported as an IFC model for the Open BIM process or other BIM/AEC applications.


HoD


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Narava, Visakhapatnam-530 027.

**Visakha Institute of Engineering &
Technology**

(Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada.)

**A FIVE DAYS FDP on
“Sustainable Lighting Design in
Modern Industry using DIALux
EVO”.**

REGISTRATION FORM

1. Name of the Participant :
2. Name of the Institute :
3. Address of the Institute :
4. Affiliated to :
5. Address for Communication:

6. Contact No. :
7. E-Mail Id :
8. Signature of the Participant(s):

Registration Fees: - Rs. 200/-

Date:

Station: Visakhapatnam

Chief Patron : Sri G Satyanarayana
Chairman

Patron : Dr. V. Sridhar Patnaik
Principal

Convener : Mr VARAPRASAD K S B
HOD, EEE

Co-Ordinator: Mrs. R. MAHALAXMI
Assistant Professor

Advisory Committee:

1. Mr. VARAPRASAD K S B HOD-EEE
2. Mrs. A.S.C TEJASWINI KONE HOD-CSE
3. Mr. B JEEVAN RAO HOD-ECE
4. Dr. T.SATYANARAYANA HOD-MECH

For further details:

1. Mr. T.SANTHOSH 9000041787
2. Mrs. S.JYOTHIRANI 7382189821

**A FIVE DAYS FDP on
“Sustainable Lighting Design in
Modern Industry using DIALux
EVO”.**

On

18-03-2024 to 22-03-2024



Organized By

**Department of Electrical and
Electronics Engineering
Visakha Institute of
Engineering & Technology**

(Approved by AICTE & Affiliated to JNTUK, Kakinada, A.P)

88th Division, Narava

VISAKHAPATNAM – 530 027

Andhra Pradesh, INDIA.

Visakha Institute of Engineering & Technology

(Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada.)

Visakha Institute of Engineering & Technology was established in the year 2008, with the sole ambition of giving good and purposeful education to the students. Our students made a mark of excellence by giving the best performance and brought many laurels to this institution. We strongly believe that it was achieved by the students with the support and guidance of efficient teaching faculty, which we are proud and committed to one cause that is to create and develop educational facilities, in order to train deserving young students. The college is located in serene and pollution free environment at Narava 6 km from Gopalapatnam and Air Port. The campus is spread over 10 acres of scenic landscape which is an ideal place.

ABOUT THE DEPARTMENT:

The Department of Electrical And Electronics Engineering Established as one of the major departments of the Institute, the Department of Electrical and Electronics Engineering **Visakha Institute of Engineering and Technology** strives to produce highly competent engineers equipped with advanced professional knowledge, professional and ethical attitude, entrepreneurial thinking, analytical skills and critical problem solving through effective teaching learning process, research and industrial collaboration. The department has well equipped laboratories such as Electrical Machines laboratory, Power Systems Laboratory, Control Systems laboratory, Electrical Measurements laboratory software like MATLAB & P-Spice.

ABOUT FIVE DAYS FACULTY DEVELOPMENT PROGRAM

- This five-day FDP on “Sustainable Lighting Design in Modern Industry using DIALux EVO”. This program deals with the focus of the new version are the calculation of light emissions. This powerful new feature allows planners to precisely calculate and evaluate obtrusive light in outdoor areas.

CONTENTS OF THE FIVE DAYS FACULTY DEVELOPMENT PROGRAM

- The focus of the new version is the calculation of light emissions. This powerful new feature allows planners to precisely calculate and evaluate obtrusive light in outdoor areas. With DIALux evo 13, lighting designers and engineers can ensure that lighting installations comply with all relevant standards and regulations for obtrusive light and light emissions.
- This FDP will bring together faculty members from different engineering colleges and industrial fields to update their technical knowledge in the sustainable lighting Design.



Resource Persons:

1. **Mr.D. J Tataji**,
Assistant Professor, AIET Vizianagaram.
2. **Mr.B.Ganesh**,
Assistant Professor, VIET, Visakhapatnam.

Organizing Committee:

- | | |
|---------------------|-------------|
| 1. K.S.B VARAPRASAD | HOD-EEE |
| 2. T.SANTHOSH | Dept.of EEE |
| 3. R.MAHALAKSHMI | Dept.of EEE |
| 4. S.JYOTHIRANI | Dept.of EEE |



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DIPLOMA | ENGINEERING | MANAGEMENT



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Certificate of Participation

This is to certify that Mr./Mrs. _____ of _____ has participated in the Five-day Faculty development Program on "Sustainable Lighting Design in Modern Industry using DIALux EVO" organized by Department of Electrical and Electronics Engineering, Visakha Institute of Engineering & Technology from 18-03-2024 to 22-03-2024.

(Mrs.R.MahaLakshmi)
Coordinator

(Mr. Varaprasad K S B)
Chief-Coordinator

(Dr. V.Sridhar Patnaik)
Principal



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98th Division, Narava, GVMC, Visakhapatnam-530027
ESTABLISHED IN 1984



COLLEGE CODE
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Name of the Program: Five days FDP on "Sustainable Lighting Design in Modern Industry using DIALux EVO".

Date: 18-03-2024 to 22-03-2024

Department: Electrical & Electronics Engineering

S.No.	NAME OF THE FACULTY	DESIGNATION	COLLEGE	SIGNATURE				
				18-03-2024	19-03-2024	20-03-2024	21-03-2024	22-03-2024
21	Dr. I. Satyanarayana	Asst. prof	SR					
22	A. Narendra	Asst. prof	Narendar	Narend	Narendar	Narendar	Narendar	Narendar
23	M. Ram babu	Asst. prof	MCP	M.R	M.R	M.R	M-R	M.R.
24	A. Shama Chakraborty	Asst. prof	A					
25	K. prasanna	"	"					
26	M. Usha	"	"	M.U	M.usha	M.usha	M.usha	M.usha
27	P. Malasri	"	"	Malasri	Malasri	Malasri	Malasri	Malasri
28	W. Kalyani	"	"	Kalyani	Kalyani	Kalyani	Kalyani	Kalyani
29	K. sudha	"	"	Kun	Kun	Kun	Kun	Kun
30	Ch. B. R. Srikanth	"	"					

HOD

DR. PRINCIPAL
VISAKHA INSTITUTE OF
ENGINEERING & TECHNOLOGY
Narava, Visakhapatnam-530 027.