





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.

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

Principal

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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 Visakhe institute of Engl. & Tech. Dr.V.Sridhar Patnaik PRINCIPAL

PRINCIPAL
VISAKHA INSTITUTE OF
ENGINEERING & TE THOLOGY
Narava, Visakhapal....... 530 027.



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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

Walter Williams









This is Certified that Mr/N	Ars	Miss:
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has participated in the One Week Faculty development Programme on "GEOSPATIAL organised by Department of Civil Engineering, Visakha Institute of Engineering & Technology from 11-12-2023 to 16-12-2023.

COORDINATOR

V.BHARGAVI HOD

Head of the Department Department CE akha Institute of Engg. & Tech. Dr.V.Sridhar Patnaik

VISAKHA INSTITUTE OF ENGINEERING & TECHNOLOGY Nativa Visakhapamam-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

LMr.K.S.H.Vara Prasad, EEE, HoD

2.Dr.B.Jeevan Rao, ECF_HoD

3 Ms. V. Bhargavi, Civil, HoD.

4 Ms.C.Siva Kanma, MECH, FloD

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

6 Ms.K.Tejaswini, CSE, HoD

&all department Staff Members

RESOURCE PERSONS

Name: .

 Dr. E. V. RAGHAVÆ RAO (Professor, Head of Department of Civil Engineering. KNRCER, Brilliant Group of Institutions, Hydembad)

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 11" Dec to 16" Dec 2023

ORGANISED AT VISAKHA INSTITUTE OF ENGINEERING & TECHNOLOGY

BY

DEPARTMENT OF CIVIL ENGINEERING

88" DIVISION, NARAVA. VISAKHAPATNAM-530027

ANDHRA PRADESH

TEL: 0891-2892905

Phone: 9640130420, 8978911793

Website: www.siercsp.com

Email: royaleivilyiet@gmail.com

VISAKHA INSTITUTE OF NGINEERING & TE HNOLOGY

ABOUT THE INSTITUTION

this college permitted educationally backward are a mostly consisting of Opportunity. students. It has 6 Under Graduate departments requirements of the many enthusiastic engineering "Growth and Commitment through Excellence". Engineering & With the objective of providing better educational Naraya, Vasakhapatnam District. With the motto of villages. The 107 125 Government of Andhra Pradesh Technology in the year 2008 establish the catered to Madents Visiklia the especially Institute asperational

ABOUT DEPARTMENT

to various Technical Educational Institutions domain training & Knowledge thinking while being strong in construction Core department are motivated to be innovative in their Research Workshops for both students and Faculty belonging exemptions. interactions and MOUs with leading technology B. Loch (Civil Engineering) and M. Tech (Structural successfully buildinning since 2008. Вориттен Industries all глинеетий).Перактичи webling Conferences, Scannars and Scholars of of civil SAMO Development Industries, II THOM Engineering Research Institutes 30 Smignes CIVII NUT 1188 = Steps poog Deca

ABOUT PROGRAMME

One Week Faculty Development Program on "GEOSPATIAL ANALYSIS"

COURSE TOPICS

- Eundamentals of GIS and Remote Sensing
- Remote Sensing and Disaster Management Coastal Hazard and Vulnerability
- Shoreline and Sea level Change
 Geospatial Applications in Coast
- Geospatial Applications in Coastal Zone Management
- Applications of Geospatial Techniques in Hydrology
- Geospatial Techniques and Mountain Studies Geospatial technology and Earthquake Studies and UAV Remote Sensing and its Application

Ø.

ELIGIBILITY AND SELECTION

Feaching Stuff Research Scholars

REGISTRATION

Registration fees for the participants 250%. Bupees Only. The application in the nunched 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

(Эсранияси)

Address

Phone

Email

Accommodation Required :YES/NO

Route to College



WISA HA INSTITUTE OF AGINE PRING & TECHNOLOGY







PROGRAM REPORT

Date: 18-12-2023

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

RESOURCE

I.Dr. E. V. Raghava Rao

PERSON-NAME(S):

Designation- Professor, Head of Department of Civil Engineering, KNRCER, a

Brilliant Group of Institutions, Flyderaphad,

Phone- 7730071695

Email- evr a gmail com-

DURATION:

One Week

DATES:

11/12/2023 to 16/12/2023

NO OF

37

PARTICIPAN

TS:

DESCRIPTIO

N:

On 11th December, 2023 the function was inaugurated at 10 AM by the Chairman of VIET, G. Satyanarayana, Principal, Dr. V. Sridhar Pamaik, 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, Brilliam Group of Institutions, Hyderabad) had discussed in brief information about the geospatial techniques and data analysis.









On the second day of EDPi.e..12th December, 2023 Resource Person Dr. J. V. Raghava Rao (Professor, Brilliant Group of Institutions, Hyderabud) 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



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







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

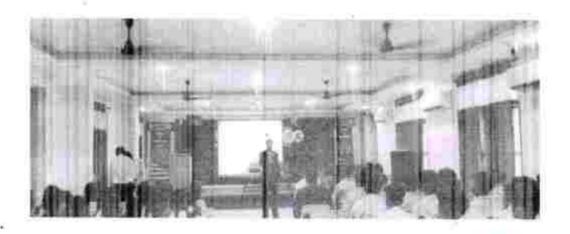








On the Sixth day of FDP i.e., 16th December, 2023, Resource person Dr. E. V. Raghava Rae (Professor, Brilliant Group of Institutions, Hyderabad) had interacted with faculty and discussed about the importance of Earthquake Studies and UAV Remote Sensing and its Application. And at the end of the session.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



HEAD OF THE DEPARTMENT

Head of the Department Department CE Visakha institute of Engg. & Tech. PRINCIPAL
VISAKHA INSTITUTE OF
ENGINEERING & TECHNOLOGY
Narava, Visakhapatnam-530 02/









Name of the Program: A One Week Faculty Development Program on "GEOSPATIAL ANALYSIS".

Date: 11-12-2023

Department: Civil Engineering

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Name of the Program: A One Week Faculty Development Program on "GEOSPATIAL ANALYSIS".

Date: 11-12-2023

Department: Civil Engineering

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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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Principal
PRINCIPAL
VISAKHA INSTITUTE OF
ENGINEERING & TECHNOLOGY

Narava, Visakhapatham-530 027

Copy submitted to - Hon'ble Chairman(AO)File

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ORGANIZING COMMITTEE

PATRON

Sri G Sarya Narayana. Chairman

CONVENOR

Dr.V. Scottur Patrarik, Principal

CO-ORDINATOR

1. Adv S. Avimash, Assistant Professor

ORGANIZING COMMITTEE

Mr.K.S.B. Vara Prisad, EEF, HoD

2.Dr.B. Joseph Raw, FCE, HoD

3.MgA Bhargavi; Civil, HoD

4 Ms. G. Siya Karum, MECH, HoD

5.Dr.A. Tulass modu, MBA; HoD

6 Mr Rupendra South CSE HoD

Auli department Staff Members

RESOURCE PERSONS

Names -

 Dr. E. V. RAGITAVA RAO (Protessor, Read of Department of Cryst Engineering. KNRCER, Hollant Group of Institutions. Hyderabad)

Program Objectives:

- To Understand the Modern Techniques for excurating sub-structures.
- To Know the Artificial Intelligence and as applications in foundations.
- To know the importance of forensic analysis of sub and super structures.
- To know the methodologies of foremore analysis.
- To know the importance of foundations in cool engineering.
- To know how as identity the type of foundations for different structures

One Week Faculty Development Program on

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

From 12" Mar to 21" March 2024



ORGANISED AT VISAKHA INSTITUTE OF ENGINEERING & TECHNOLOGY

RY

DEPARTMENT OF CIVIL ENGINEERING

55" DIVISION, NARAVA.

VISAKHAPATNAM-530027

ANDHRA PRADESH

TEL: 0691 2892905

Phone: 9640(10420, 8978911793

Website www.yigtyip.cam

Email: myalcoolsons gmail com-

VISAKHA INSTITUTE OF ENGINEERING & TECHNOLOGY Narawa, Visakhapaham-530 027







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)

LDr. E. V. Raghava Rao

Designation- Professor, Head of Department of Civil Engineering, KNRCER.

Brilliant Group of Institutions, Hyderaebad

Phone- 7730071695 Email- evr*a* gmail.com

DURATION

One Week

DATES

14/03/2024 to 21/03/2024

NO OF

32

PARTICIPANTS:

DESCRIPTION

On 14th March, 2024 the function was mangurated 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.











On the second day of FDPi 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.











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

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









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 Patnaik, HOD, V. Bhargavi.





INSTITUTE OF ENGINEERING & TECHNOLOGY
Approved by AICTE NEW DELHI
(Affiliated to JNTUGV VIZIANAGARAM)
SIM Division, Mary's GVMC VIZIANAGARAM
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Head of the Department
Department CE
Visakha Institute of Engg. & Tech.

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VISAMI TOTE OF ENGINEER WILL WOLOGV Narava, Visakhapatha 133 027.



This is Certified that Mr/Mrs/Miss:

ANUPUJU VENKATA PRASAD

Of Gronna 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.

SAVINASH

OORDINATOR

V.BHARGAVI

Head of HO Dirtment
Decartment CE
Visakha Insulus of Engg. & Tech.

Dr.V.Sridhar Patnaik
PRINCIPAL

VISAX TUTE OF ENGINEERING - WOLGGY Naraya, Visiokhapping 210 027



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.

OORDINATOR

Visakha Institute of Engg. & Tech.

Dr.V.Sridhar Patnaik PRINCIPAL

Narava Visaling I









This is Certified that Mr/Mrs/Miss:

Of

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S.AVINASH COORDINATOR

V.BHARGAVI
Head State Department
Department CE
Department CE
Seekba Institute of Engg. & Tech.

Dr.V.Sridhar Patnaik
PRINCIPAL

VISAKHA INSTITUTE OF ENGINEERING & TECHNOLOGY Narava, Visakhapatnam-530 0







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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 CORDINATOR V.BHARGAVI
Head of the Basartment
Department CE
Visakha institute of Engg. & Tech.

Dr.V.Sridhar Patnaik
PRINCIPAL

ENGINEERING CHNOLOGY Naraya, Visaa 500 027









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

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	517134-36 (MS-2002001 C	DESIGNATION	NAME	14-03-2024	15-03-2024	16-03-2024	18-03-2024	19-03-2024	20-03-2024	21-03-2024
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Name of the Program: A One Week Faculty Development Program on "RECENT ADVANCES IN FORENSIC ANALYSIS OF SUB AND SUPER STRUCTURES".

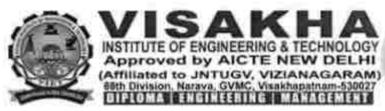
Date: 14-03-2024

Department Civil Engineering

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

VISAKHU PRIMOTERI ENGINEERINGA TECHNOLOGY Narava, Visakhupanas 520 027







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 Dopartment ME Department ME Vestine institute of Engg. & Tech.

Copy submitted to:- Hon'ble Chairman

Copy to:- All Concerned/Notice Boards

Principal

PRINCIPAL
VISAKHA INSTITUTE OF
ENGINEERING & TECHNOLOG (
Naraya, Visakhapatna. 20.627

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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	 Inaugural Address Overview of Recent Trends in Mechanical Engineering 					
11:00AM to 01:00PM	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	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 Visalina Institute of Engg. & Tech.









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

Head of the Department
Department ME
Vesiche Institute of Engl. & Tech.

FDP Coordinator

P.V.V Salij

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.

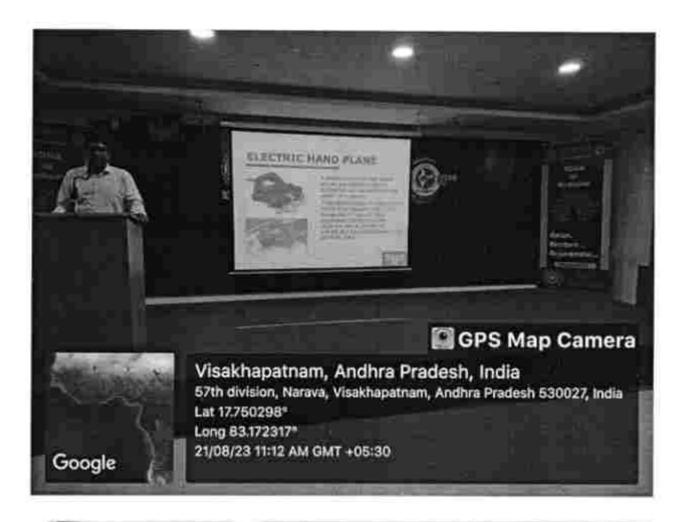
In a warm and welcoming address, Dr. V. Sridhar Patnaik, the Principal of VIET, extended heartfelt greetings to the resource persons and faculties from various colleges participating in the 5-day Faculty Development Program. Dr. Patnaik expressed his gratitude for the enthusiastic participation, highlighting 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.

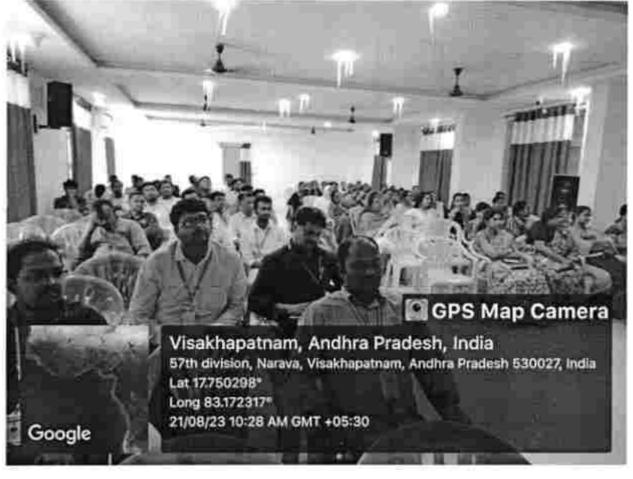
In his opening remarks, **Dr. T. Satyanarayana**, **Head of the Department**, welcomed participants to the Faculty Development Program underscoring the program's importance in fostering continuous learning and professional growth. He encouraged active engagement, highlighting the unique opportunities 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.





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 Necharika, 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. Necharika 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 these principles into incorporate their 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. Srikayva shared valuable perspectives on cutting-edge technologies shaping the future manufacturing, emphasizing their impact on industry practices. The session covered key aspects such as the Industrial Internet of Things (HoT), 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.





REGISTRATION FORM

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

21st August 2023 - 25th August 2023

Transformation

Name:
Designation:
Organization:
Teaching/Industrial experience:
Address:
Phone:
Email:
DECLARATION
The information provided is to the best of my

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).

(Signature)

REGISTRATION

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

Registration fine 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: 20-08-2023

For further details:

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



A One Week Faculty DevelopmentProgram

On

Advancements and Innovations in Manufacturing for Industry 4.0 Transformation 21" 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 Necharika, 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

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 trochure on Scan and mail thecompleted 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

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(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

Pv V Saly _[

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



(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. 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

Pvv Saly

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





(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. GV 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

Pvv Saly-1

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



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 NUM	BERS: 5	= EXC	ELLE	NT		4 = VERY GOOD 3 = GOOD
	2	= SAT	ISFAC	TOR	Y	1 = BELOW SATISFACTORY
Resource Person: Mr. Praka Topic: "Introduction to Indu	sh Intur stry 4.0	i, Dire	ctor, I	Oyno l Manu	TS confacturin	pany. g Systems using Deform-3D Software"
Knowledge of The Speaker	1	2	3	4	12	Other remarks:
Use Of Lecture	T.	2	3	4	LA	Nia Expension
Resource Person: Dr. V. Bin	du Nech	arika,	Assoc	iate P	rofessor	, ANITS College.
Topic: ""Design for Additive						
Knowledge of The Speaker	1.	2	3	4	15	Other remarks:
Use Of Lecture	1	2	3	4	18	Very Infruently
Resource Person: Dr. B. Go	vinda Ra	o, Pro	fessor.	Gaya	tri Colle	ng Techniques and Industry Case Studies"
Knowledge of The Speaker	1	2	3	1	15	Other remarks:
Use Of Lecture	î	2	3	4	15	Good proforming of Activities
Resource Person: Dr. S. Sas	try, Asso	ciate F	rofes	sor, Re	GUKT E	Basara.
Topic: "Introduction to Elec	tric Vehi	icles C	ompo	nents	and Sys	tems"
Knowledge of The Speaker	t	2	3	4	13	Other remarks:
Use Of Lecture	1	2	3	4	سعرا	Good Teaching
Resource Person: Mr. B. Pav	ani Srik	avya, /	Assisti	int Pro	dessor,	Vignan College.
Topic: "Smart Manufacturis	ng Techr	ologic	s, Fut	ure P	rospect	and Career Guidance"
Knowledge of The Speaker	1	2	3	4	15	Other remarks:
Use Of Lecture	1	2	3	4	15	Julius scope is Good.

Name of the Participant: My G.v. Lovaraju

Department: Mechanical

Registration No: Sal Genepall Engl Glegt.

Overall Remarks:

Very Gradled in vite 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 NUM	BERS: 5	= EXC	ELLE	NT		4 = VERY GOOD $3 = GOOD$
	2	= SAT	ISFA	CTOR	Y	1 = BELOW SATISFACTORY
Resource Person: Mr. Praka Topic: "Introduction to Ind						mpany. ng Systems using Deform-3D Software"
Knowledge of The Speaker	1	2	3	4	3	Other remarks:
Use Of Lecture	i	2	3	4	3/	Excellent
Resource Person: Dr. V. Bin	du Nech	arika,	Assoc	ciate P	rofesso	r, ANITS College.
Topic: ""Design for Additive						
Knowledge of The Speaker	1	2	3	4	15	Other remarks:
Use Of Lecture	1	2	3	4	15	Good Explanation
Resource Person: Dr. B. Go Topic: ""Study of 3D Printi			22.45			
Knowledge of The Speaker	i	2	3	4	18	Other remarks:
Use Of Lecture	1	2	3	4	15/	Very Interesting
Resource Person: Dr. S. Sas Topic: "Introduction to Elec						Basara,
Knowledge of The Speaker	1	2	3	4	5	Other remarks:
Use Of Lecture	3	2	3	3	5	Good teching
Resource Person: Mr. B. Pav	ani Srik	avya, /	Assista	int Pro	ofessor,	
Topic: "Smart Manufacturis						
Knowledge of The Speaker	1	2	3	4	(5/	Other remarks:
Use Of Lecture	1	2	3	4	15	Nice Teaching.

Registration No:	BabaInstitute	of technology	and	Sciences	
Overall Remar	ks:				

Name of the Participant: Mr. Kamalakan-k Department: Mechanical



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 NUM	BERS: 5	= EXC	ELLE	NT		4 = VERY GOOD 3 = GOOD
	2	= SAT	ISFA	CTOR	Y	1 = BELOW SATISFACTORY
Resource Person: Mr. Praka Topic: "Introduction to Indu						npuny. ng Systems using Deform-3D Software"
Knowledge of The Speaker	Ī	2	3	4	18	Other remarks:
Use Of Lecture	1	2	3	4	15	EXCELLENT
Resource Person: Dr. V. Bin	du Nech	arika,	Assoc	ciate F	rofessor	, ANITS College.
Topic: ""Design for Additive	Manuf	acturii	ng"			monthsicator of control of the contr
Knowledge of The Speaker	1	2	3	4	5	Other remarks:
Use Of Lecture	1	2	3	4	15	VERY INTERSTRUCT
Resource Person: Dr. B. Gov Topic: ""Study of 3D Printing						ege. ng Techniques and Industry Case Studies"
Knowledge of The Speaker	li	2	3	4	5	Other remarks:
Use Of Lecture	ũ	2	3	4	25	GOOD EXPLANATION
Resource Person: Dr. S. Sast	try, Asso	cinte F	rofes	or, Re	GUKT I	Basara,
Topic: "Introduction to Elect	tric Vehi	cles C	ompo	nents	and Sys	stems"
Knowledge of The Speaker	1	2	3	4	25	Other remarks:
Use Of Lecture	3	2	3	4	8	NICE TEACHING
Resource Person: Mr. B. Pav						
Topic: "Smart Manufacturing	ng Techn	ologie	s, Fut	ure P	rospect	s and Career Guidance"
Knowledge of The Speaker	1	2	3	4	15	Other remarks:
Use Of Lecture	1	2	3	4	15	GOOD TEACHING

Name of the Participant:	Mb.	GUATUBOYNA	HAREESH	Department:	HECHANICAL.

Registration No: VISAKHA ZUSTITUTE OF TECHONOLOGY & 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
		Mr. Prakash Inturi, Director, Dyno PTS company	6,000	VOUCHER No 01 21-08-2023	
		Dr. V. Bindu Necharika, Associate Professor, ANTIS College. 8,6	8,000	VOUCHER No 02 22-08-2023	
1.	Resource Person's	Dr. B. Govinda Rao, Professor, Gaystri College.	8,000	VOUCHER No 03 23-08-2023	36,000
		Dr. S. Sastry, Associate Professor, RGUKT Basses.	8,000	VOUCHER No 04 24-08-2023	
		Mr.B. Pavani Srikavya, Assistant Professor, Vignan College.	6,000	VOUCHER No 05 25-08-2023	
		Mementos	5*500	Bill. No: 2687 19-08-2023	2,500
		Shawls	5*300	Bill. No: 2688 19-08-2023	1,500
2.	Other	Banners	5*300	Bill. No: 268 19-08-2023	1,500
	Allowances	Inauguration			
		Snakes (Tea, Water Bottle, Samosa, Jellaba)	3,000	Bill. No: B986 21-08-2023	3,000
		Petrol	4,000		4,000
		Total			48,500

Amount received from institute

Rs.50,000/-

Total Expenditure

Rs.48,500/-

Amount to be refunded to the Institute

Rs.1,500/-

PVV Solo-Coordinator of the FDP L

HOD of Mechanical Dept.

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







Date: 31-08-2023

CIRCULAR

This is to inform to all the Head of the Departments of UG and PG are here by informed that Department of Computer Science Engineering is organizing "AOne Week Faculty Development Program (FDP)on Ethical Hacking"in our college premises 04th to8th Sep - 2023. We request all the faculty tokindly participate in the FDP Program.

Date: 31.08.2023

Timings: 09:30 A.M to 04:00 P.M

Venue: Seminar Hall, Block - I

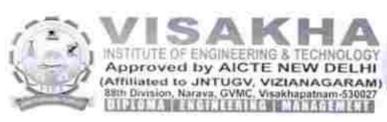
Schejanin HoD, CSE Kone

Principal

Copy submitted to:-Hon'ble Chairman

Copy to:- All Concerned/Notice Boards

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Date: 31-08-2023

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Venue: Seminar Hall, Block - I

HoD, CSE Cone

Principal

Copy submitted to:-Hon'ble Chairman

Copy to:- All Concerned/Notice Boards

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Report

on

A One Week Faculty Development Program on "Ethical Hacking"

From 04th to8thSep-2023.

OrganizedBy

Department of Computer Science Engineering Visakha Institute of Engineering & Technology

Mrs. A.S.C. Tejaswini

Head of the Department

VIET

FDP Coordinator

Kalla Vijay

Assistant Professor

VIET







Date: 31-08-2023

CIRCULAR

This is to inform to all the Head of the Departments of UG and PG are here by informed that Department of Computer Science Engineering is organizing "AOne Week Faculty Development Program (FDP)on Ethical Hacking"in our college premises 04th to8thSep - 2023. We request all the faculty tokindly participate in the FDP Program.

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Venue: Seminar Hall, Block - I

HoD, CSE love

Principal

Copy submitted to:-Hon'ble Chairman

Copy to:- All Concerned/Notice Boards

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Report

on

A One Week Faculty Development Program on "Ethical Hacking"

From 04th to8thSep-2023.

OrganizedBy

Department of Computer Science Engineering Visakha Institute of Engineering & Technology

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 to8thSep - 2023

Resource Person:

BosubabuSambanu

MCA.M.Tech. AMIE(Ph.D)
Associate Professor Department of CSE
Lendi Institute of Engineering and Technology (A)
Vizianagaram
AndbraPradesh.

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 to9thSep2023. 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. MrBosubabuSambanu, 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 MrBosubabuSambanu 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 I DP was nimed 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.



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.

HOD-CSE Cone

PRINCIPAL

Visakha Institute of Engineering & Technology (Approved by AICTE, New Delhi & Affiliated to JINTUGV.

Vijavanagamm.i

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.UdavBhaskar, HoD, BS & H Mr. K.S.B. Vara Prasad, HoD, EEE Ms. V.Bhargavi, HoD, Civil Dr. T.SatyaNarayanaHoD, Mech Dr. A.Tulasi Naidu, HoD, MBA Mr. B.JeevanRao, HoD, ECE Dr.K.RajaBabuHoD,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 AlCTE & Affiliated to PNTUK, Kakinada, A.P.)

576 Division, Narava VISAKHAPATNAM - 530 027 Andhra Pradesh, INDIA.

Visakha Institute of Engineering & Technology (Agricored by ARCTE, New Diety & Affiliated to JAYTUK Kummada.)

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 overwhelming demand forcomputerengingeringeducation, the Institute started the 4 yearth, TechcourseinComputerScienceandEngineeringin2 008withmintakent50 und M. Tech (CSE) ProgrammeM.Tech

18approvedby AJCTE. The students are facilitated with suffi cientmumberofcomputerswiththelatestLAN/WANconfig. uration NetworkedwithHi-

endservers.FiberOpticNetworkBackboneforconnectivity providingusersaccesstotheReliance4Mbps&BSNL50Mb psVPNbroadbandfacilities. The computer laboratory hassys temswithintestconfiguration. Ithusal. A Nenvironmentoner ating Windows XP and Linux. All thetwoen vironments areco nnectedandoperatingwithTCP/IPProtocol.Withtheobie ctiveofbeingresponsivetoindustry'sneeds,thecoursegoesb eyondfulfillingthesyllabusrequirementsofthelliniversitya. ndoffersstudentsopportunitiestoworkonthedifferenthard wareandsoftwareplatformsprevalentinindostry.

ABOUT ONE WEEK FACULTY DEVELOPMENT PROGRAM

As the impact of security incidents in small andlarge 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 backing 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 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+24325778-t3

Resource Persons: BosubabuSambanu

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

Associate Professor Department of CSE

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

Organizing Committee:

Mrs.K. Sowjanya

Mrs.K. PrasannaLatha

Mr.B.VenkataRao

Ms.N.Amulya

Mrs.B.Shalini

Mrs. D.Haritha

Mrs. K.RukminiDurga







Certificate of Participation

OF ENGINEERING & TECHNOLOGY from 4 "September 2023 to 8" September 2023. Hasparticipated in a"Five days Faculty Development Program on Ethical Hacking", Organized by Department of Computer Science and Engineering, VISAKHA INSTITUTE

Program Coordinator
Mr.K.VIJAY

Mrs. A.S.C Tejaswini Kone

Dr. V. Sridhar Patnaik

Principal







ISPT

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	DESIGNATION	COLLEGE			SIGNATURES		
	FACULTY		NAME	04-09-2023	, 05-09-2023	06-09-2023	07-09-2023	08-09-2023
1.	Dr. A.S. C. Tejanal Koni	CSE HOD	VIET	bejanija	Deponione	Vegazione	Lepanonin	Rejamini
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5,	M. Rikiwi Doga	Asst-pro-P	VICT	La	B	Pd	PH	-RI
6.	Shalkni Bhaside	bertek	YJET	tel	Fel	dal	dal	Tool
7-	G. Padraja	AUST-PROF	VIET	ge_	cp.	GP.	9	Q-
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10-	M & L. Saranya	Asst prof	MET	24	1997	A.	A.	Ø/-
H_{2}	M. Bhadreson would	Asst-prof	VIET	(38)	B	SB	B	VS.

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









Date: 4th & 08th september - 2024

Department: Computer Science Department

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

Department: Computer Science Department









1	NAME OF THE FACULTY	DESIGNATION	COLLEGE		05.00	2003		SIGNATURE
S.No.		DESIGNATION	COLLEGE	04-09-2023		05-09-2023	05-09-2023 06-09-2023	500
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Name of the Program: Five days FDP on "Ethical Hacking".

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

Department: Computer Science Department









	S.No.	37	38	39	40	44	Ď	43	
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Aselle jamoini

PRINCIPAL







Visakhapatnam, Date: 03-09-2023

CIRCULAR

All the Faculty of Electrical and Electronics Engineering are here by 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.

VISAKHA INSTITUTE OF ENGINEERING & SHOOLOGY

Copy to:- Hon'ble Chairman/AO/File

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Visakha Institute of Engineering & Technology (Approved by AICTE, New Dello & Affiliated by JUTUK, Makinada.)

A FIVE DAYS FDP on

"Artificial intelligence And Machine learning Using MATLAB for Renewable Energy Applications".

REGISTRATION FORM

- I. 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:

I. 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:

I. G.RAVITEJA 9951348989

2. R.MAHALAKSHMI 9381255410

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

Öπ

11-09-2023 to 15-09-2023











Organized By

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

Engineering & Technology
(Approved by AICTE RATINGALE) DIVINE RATINGAL & P)

88th Division, Narava VISAKHAPATNAM - 530 027 Andhra Pradesh, INDIA:

Visakha Institute of Engineering & Technology [Approved by AICTE New Order & Affiliated to JATUK, Kannada,]

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:

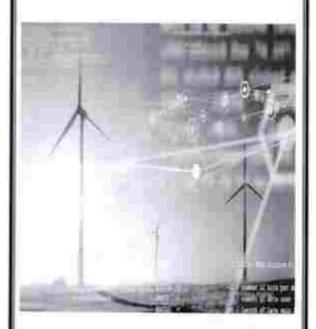
The Department of Electrical And Electronics Engineering Established as one of the major departments of the Institute, the Department of Electrical and Electronics Engineering Visakha Institute Engineering Technology strives to produce highly competent engineers equipped with advanced professional knowledge, 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

five-day FDP on "Artificial intelligence And Machine learning Using MATLAB for Renewable Energy Applications". This program deals with its Implementation, MATLABL emperwerk engineers and negatiful as true anificial intelligence in their domain and anables collaboration serves terms and segmentation or various industries.

CONTENTS OF THE FIVE DAYS FACULTY DEVELOPMENT PROGRAM

- Artificial Intelligence (A1) 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 Al & ML techniques have been applied to Renewable Energy Systems (RES).



Resource Persons:

- 1. Dr.K Anjaiah, Assistant Professor, GIET Gunpur.
- 2. Mr. T. Santhosh, Assistant Professor, VIET, Visakhapatnam.

Organizing Committee:

L VARAPRASAD K S B HOD-EEE 2. T-SRINU Dept.of EEE 3.R.MAHALAKSHMI Dept.of EEE 4. S.JYOTHIRANI Dept. of EEE.



Affiliated to JNTUGV, VIZIANAGARAM) 88th Division, Narava, GVMC, Visakhapatnam-530027 VSTITUTE OF ENGINEERING & TECHNOLOGY Approved by AICTE NEW DELHI







Certificate of Participation

This is to certify that Mr./Mrs.

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(0):

1.Dr. K. Anjaiah, Assistant Professor, GIET

Ph: 7989162467 Email: anjaiah22eee@gmail.com,

2. Mr. T. Santhosh, Assistant Professor,

VIET

Ph: 9000041787 Email: santhoshtalada/dgmail.com

DURATION:

Five days

DATES:

11/09/2023 TO 15/09/2023

NO. OF PARTICIPANTS: 48

DESCRIPTION:

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.

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.









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

VISARCH POSTITUTE OF VISARCH OF THE OF



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

	NAME OF THE FACULTY	DECICALITICAL	COLLECE	SIGNATURE						
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Name of the Program: Five days FDP on "Artificial intelligence And Machine learning Using MATLAB for Renewable Energy Applications".

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

Department: Electrical & Electronics Engineering

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S.No.		DESIGNATION	COLLEGE	11-09-2023	12-09-2023	13-09-2023	14-09-2023	15-09-2023		
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VISA WHAT INSTITUTE OF ENGINEERING & 1 CONOLO







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-L

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

Copy submitted to: chairman/AO/File

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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

30

PARTICIPANTS:









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
VISARHA INSTITUTE OF
SINGINEERING & TECHNOLOGY
57th Division, Narava, VISARHAPATNAM-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 " Attendence Sheet

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

Visakha Institute of Engineering & Technology (Approved by AICTE, New Dolln & 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 Bhayana 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, Kakimala, A.P.) 57th Division, Narava, VISAKHAPATNAM -530 027. Andhra Pradesh, INDIA.



/ISAKH





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.

CO ORDINATOR

CONVENOR

larava, Visakhabatnam-530 027.







INSTITUTE OF ENGINEERING & TECHNOLOGY

CERTIFICATE

OF PARTICIPATION

PROUDLY PRESENTED TO:

S. Kalpara

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.

CO ORDINATOR

CONVENOR

ISAKHA INSTITUTE OF

Narava, Visakhapainami 550 02







INSTITUTE OF ENGINEERING & TECHNOLOGY

CERTIFICATE

OF PARTICIPATION

PROUDLY PRESENTED TO:

Dr. Sk. 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.

CO ORDINATOR

CONVENOR

PRHINGHAL ISAKHA INSTITUTE OF

Narava, Visakhapatnam-530 027







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.

CO ORDINATOR

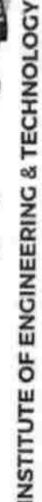
CONVENOR

PRIANCIPALA L VISAKHA INSTITUTE OF

Narava, Visakhapatnam-530 027







CERTIFICATE

OF PARTICIPATION

PROUDLY PRESENTED TO :

Korada Vanadalahmi

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.

CO ORDINATOR

CONVENOR

VISARIA INSTITUTE OF ENGINEERING TEE HNOLOGY NATIONAL VS BORDONAMI 530 027.



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/hEXEfPWicHTbtsSz6

Eminent Speakers



Dr. S. Koteswara Rao,

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

Department of Electronics and Communication Engineering, K.I. E.F. (Deemed to be University).



Dr. J. Babu:

Professor, Dr Lankapalli Bullayya College of Engineering, Visakhaparaans



Dr. Ramala Venkuta Siya Harish,

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



Mr. B. Jeevan Rao,

Associate Professor, Visakha Insulufe of Engineering and Technology,



Dr. Knuser-Jahan,

Narava.

Associate Professor, Visakha Institute of Engineering and Technology, Narava



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

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VISARHA INSTITUTE OF
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Visakha Institute of Engineering & Technology

Deposits ACT on this bitter's Other Spring Advis

Visualita Institute of Engineering & Tachoology was resublished in the year 2001, with the sale amount of giving good and perposeful observing to the students. Our students made a such of excellence by giving the best performance and brought many humbs to the students. We accordy believe that it was activated by the madents with the support and goddence of efficient teaching faculty, which we are greatlined efficient teaching faculty, which we are greatlined efficient teaching faculty, which we are greatlined efficient to our cause that is to center and they dop effectational facilities; in order to take describing places of solid better the front Copulary and Ale Port. The campos is opered over 10 hours of some landscapes back it as a sited place.

ABOUT THE DEPARTMENT:

The Department of Historical and Communications Engineering (ECE) involves researching, designing, developing, and tooling electronic equipment used its various systems. Electronics and Communications engineers also conceptualize and oversee the manufacturing of communications and formidant systems. This stems of engineering deals with unling transmission, built afternoon, incompression, and department, including transmission, and oversee, figure and and among communication, analog recognised circumstantication, and many programatic

ABOUT ONE WEEK FDP

This One-week Family Developming our "EMERGING TRENDS IN COMMUNICATION AND SIGNAL PROCESSING", is organized with the objective of impling participants familiar J work with impropriate areas of transition in the communication and signal processing. The program deliberatus interaction with the amount Processors in the fields. A futer description on the public identification and solution finding a main made of the pringram.

CONTENTS OF THE PROGRAM:

- Learning to Emerging Trends In Communication and Signal Processing
- Application of Kalman fater for sonar post data signal processing in underwater engagement.
- 3. Signals, Systems & Random processes.
- 4. Image & Video Processing.
- Communication Theory & Statistical Signal Processing
- Information Theory & Biomedical Bignal Processing.



Resource Person:

- E. Cr. S. Kinteywarz Rain.
 Professor (Former Scientist 'G', NSTL, DRDO, Mins of Def), Department of Sectronics and Communication Engineering, 8 (1) 8 f.
 (Deemed to be University).
- Dr. J. Baths, Professor, Dr Landsquilli Bulleyya College of Engineering, Visabhapatram
- Dr. Rathala Venketa Siva Harten, Assistant Professor, ECE Dept., ST. ANN'S college of Engineering and Technology, Chicala
- Mr. B. Jeevan Rao,
 Associate Professor, Visakha Institute of Engineering and Technology, Narava
- Dr. Kauser Jahlen.
 Associate fireference, Visabha institute of Engineering and Technology, Narava

Organizing Committee:

B. Jerum Rac, Associate professor
 Dr. Kaisser Julius, Associate professor
 M. Hermania Kumur, Associate professor
 U. Kalyani, Associate Professor
 U. Kalyani, Associate Professor
 M. Resettal, Associate Professor
 M. Keerthi, Associate Professor
 CH. Krishna Chainanya, Associate Professor
 K. Sandinya, Associate Professor
 M. Poshya, Associate Professor

Visakha Institute of Engineering & Technology

Appropriate to the last Administration of the Commission of

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 elicking on the following link:

https://forms.gle/hEXEPPWicHTbhS25

In join the FDP, elick this link:

how specification ethogolises

Otherwise, to join by phone, dist (US) +1

929-200-3201

PIN: 179110623

Chief Patron : Sri G. Satyanarayana

Chairman

Patron : Dr. V. Sridhar Patnalk

Principal

Convener : B. Jesvan Rao

ECE HOD

Coordinator | Dr. Rausar Jahan

Associate Professor

Advisory Committee:

Dr. Kamer Johns, Attriction professor.

M. Hemardi Kumar, Aminian Professor

U. Kabumi, Assistant Professor

M. Bheday Nashs, Andrew Professor

54. Keerthi, Assistant Professor

CH. Kristen Chattanga, Assertion Professor

K. Sandhya, Assistant Professor

M. Pucipa, Assutant Profusor

V. Norica Patricin, Awaited Professor.

T. Milani, Assistant Profesior

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

For forther details, contact: Dr. Kausar Jahan, 9704164665 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

SI[®]Division, Names
VISAKHAPATIVASE - 530 027
Andres Prodesh, INDA



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) :

- 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).
- 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

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.

<u>Day-1:</u> On the same day session was taken by the Resource person Dr. 5. Koteswara Rao has given brief introduction about Emerging Trends In Communication and Signal Processing.

<u>Day-2:</u> 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.

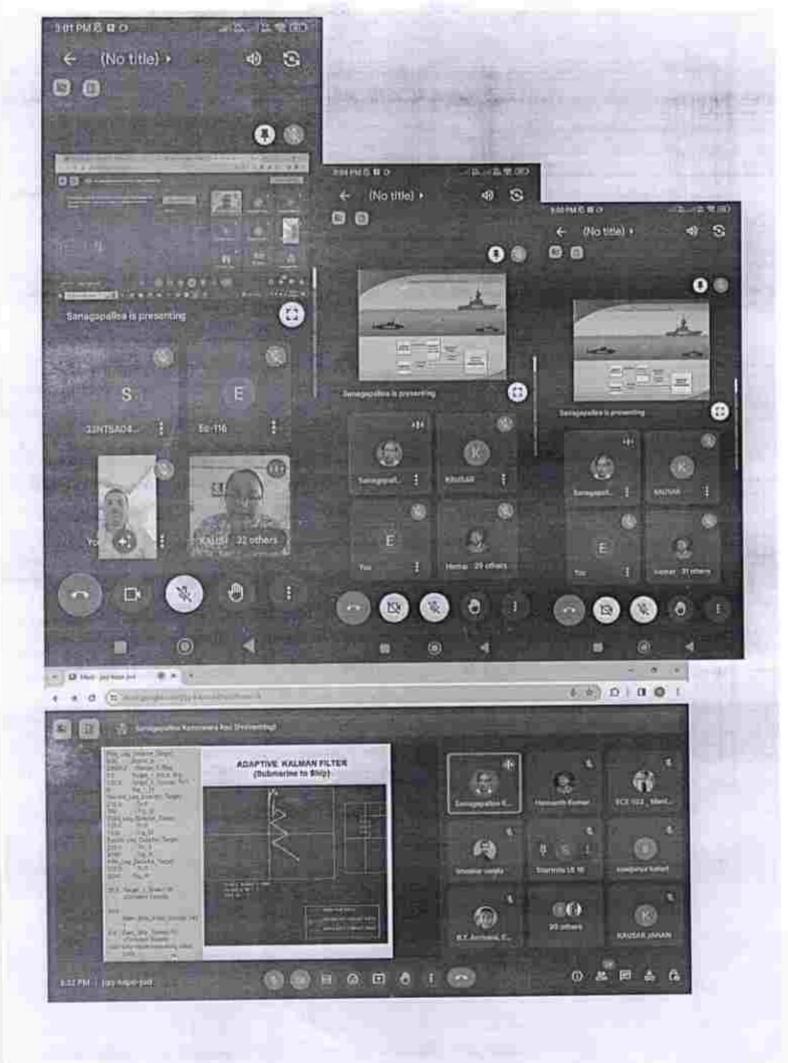
<u>Day-4</u>; On the fourth day the session was taken by the Resource person Dr. Ratnala Venkata Siva Harish, explained about Image & Video Processing.

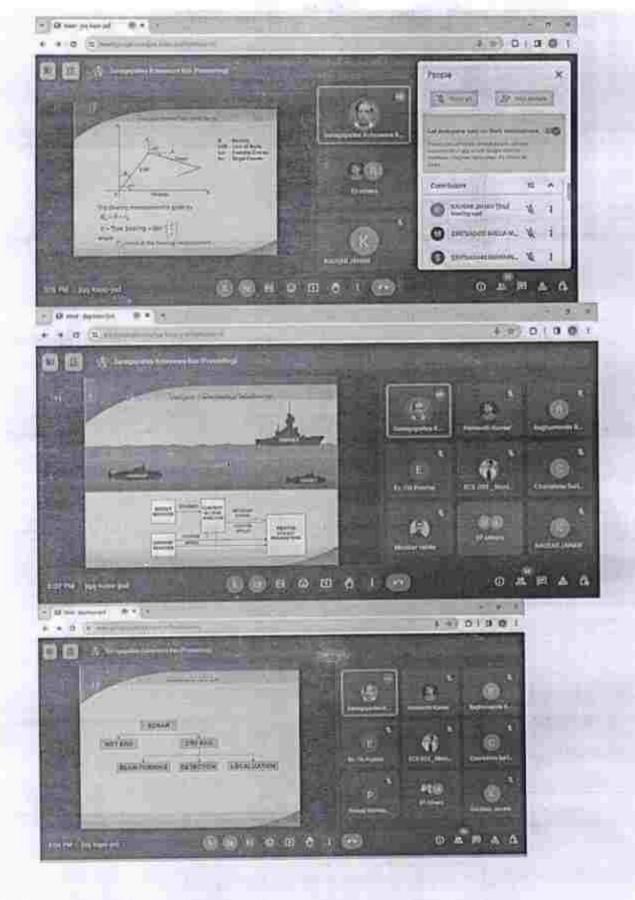
<u>Day-5</u>: On the fifth day the session was taken by the Resource person Mr. B. Jeevan Rao, explained about Communication Theory & Statistical Signal Processing.

<u>Day-6</u>: 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:











VISAKIA

Approved by AICTE NEW DELHI Approved by AICTE NEW DELHI Affiliated to INTUGY, VIZIANAGARAM)





COURSE COUR

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, Naraya, Visakhapatnam, from 18th March 2024 to 24th March 2024

Program Coordinator Dr.Kausar Jahan

HOD HOD B.Jeevan Rao

Principal Dr.V.Sridhar Patnaik





Approved by AICTE NEW DELHI
(Affiliated to JNTUGY, VIZIANAGARAM)
88th Division, Newve, GVNC, Visibington, 538027





TO SIL

CERTIFICATE

OF PARTICIPATION

This certificate is presented to:

Dr Kausar Jahan

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

Program Coordinator Dr. Kausar Jahan

HOD HOD B.Jeevan Rao

Principal Dr.V.Sridhar Patnaik





VISAKHA INSTITUTE DE ENGINEERING & TECHNOLOGY

Approved by AICTE NEW DELHI (Affiliated to JNTUGV, VIZIANAGARAM) 88th Crision, Natare, GVMC, Visakhapatnam-\$38027





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Principal Dr.V.Sridhar Patnaik







Department of Electronics & Communication Engineering One - work PET on "EMPHICIPAL PREPARE IN COMMUNICATION AND SIGNAL PROCESSING" Registration Form

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PRINCIPAL
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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/hEXEfPWicHTbtsSz6

Eminent Speakers



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).



Dr J. Babu,

Professor, Dr Lankapalli Bullavya College of Engineering, Visakhapatnam



Dr. Ratnala Venkata Siya Harish.

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



Mr. B. Jeevan Rao:

Associate Professor, Visakho Institute of Engineering and Technology, Naraya



Dr. Kansar Jahan,

Associate Professor, Visakha Institute of Engineering and Technology, Narava







Date: 13-12-2023

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 "Exploring Recent Advancements and Innovations in Mechanical Engineering" in our college premises from 02.01.2024 to 06.01.2024. We request all the faculty to kindly participate in this Program.

Date: 02.01.2024 to 06.01.2024

Timings: 01:30 P.M to 04:00 P.M

Venue: Seminar Hall, Block - 1

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

Copy submitted to:- Hon'ble Chairman

Copy to:- All Concerned/Notice Boards

Principal

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

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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 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,
WAY LONDON SON CONTROL OF	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
Bepartment ME
Visalcha Institute of Engg. & Tech.







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
Visiting it Engl. & Tech.

FDP Coordinator

P.v.v Salij

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.

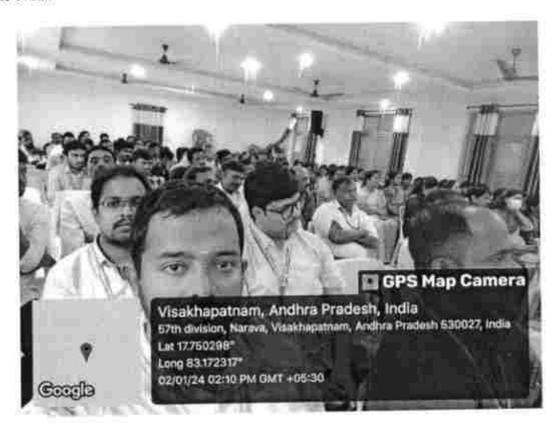
Day-1 On January 2nd 2024,

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.

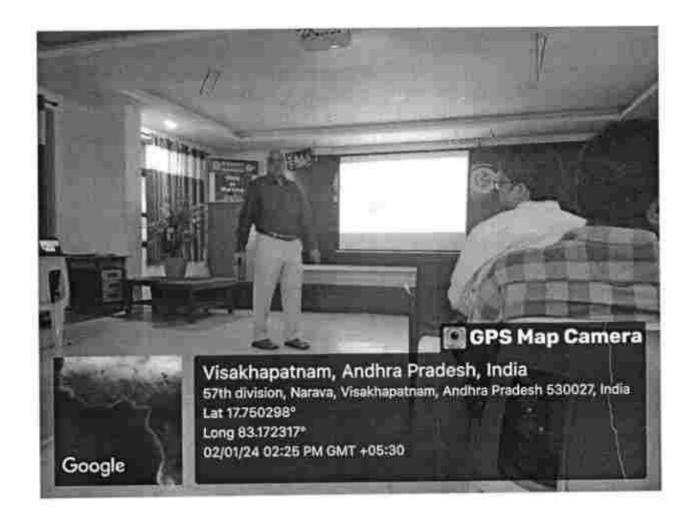
In his opening remarks, Dr. T. Satyanarayana, Head of the Department, welcomed participants to the Faculty Development Program underscoring the program's importance in fostering continuous learning and professional growth. He encouraged active engagement, highlighting the unique opportunities for skill 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.

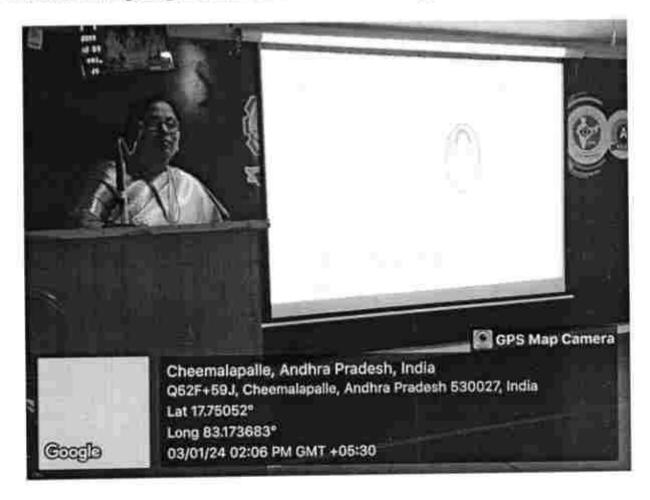


Day-2 On January 3rd 2024,

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.



News paper news obtained about faculty development program provide by Eenadu, Prajasakti and kalam prastanam papers on 07/01/2024

'నైపుణ్యం కలిగిన అధ్యాపకులు అవసరం'

నరవ(వేపగుంట), న్యూస్ట్ మీడే: విద్యార్థులు ఆభివృద్ధి చెందాలంటే నైపుణ్యం కలిగిన ఆధ్యాప కులు ఆవసరమని ఎన్టోపీసీ విశాంత జనరల్ మేనేజర్ పి.శివరామకృష్ణ అన్నారు. విశాఖ ఇంజి నీరింగ్ కళాశాలలో జనవరి 2 నుంచి 6వ తేదీ వరకు ఆధ్యాపకుల ఆభివృద్ధి శిక్షణ కార్యక్రమాలు నిర్వహించారు. ముగింపు కార్భక్రమానికి శివరామ కృష్ణ ముఖ్యఅతిథిగా హాజరై ప్రసంగించారు. ఏ విధంగా బోధిస్తే త్వరగా విద్యార్థులు త్వరగా ఆర్థం చేసుకుంటారన్న విషయాన్ని అధ్యాపకులకు ఆయన వివరించారు. మెకానికల్ విభాగం ఆధ్వ ర్యంలో జరిగిన కార్యక్రమంలో ఏయూ సెంటర్ ఆఫ్ ఎక్స్ లేన్స్ సీనియర్ ఇంజినీర్ కె కార్తిక్ వర్య, డ్రిన్సిపల్ శ్రీదర్ పట్నాయక్, ఉప డ్రిన్సిపల్ బి.జీవ న్రావ్య ఆధ్యాపకులు టి.సత్యనారాయణ, ప్రోగ్రాం కోఆర్తినేటర్ షి.వి.వి.సత్యనారాయణ పాల్గొన్నారు.



శిక్షణ కార్యక్రమంలో పాల్గొన్న అధ్యావకులు

ముగిసిన ఫ్యాకర్టీ దెవలప్ఎుంట్ ప్రాశ్చామ్

ద్రహాశక్తి-వేపగుంట : విశాఖ జరిస్టిట్యూట్ ఆఫ్ బంజినిరింగ్ అండ్ టెక్నాలజీ కళాశాలలో మెకానికల్ విభాగం అధ్యర్యాన ఈ నెల 2వ తేదీ నుంచి నిర్వహించిన ఫ్యాకర్టీ చెవలమ్మెనింట్ ప్రోగ్రామ్ శనివారంలో ముగిసింది. ఈ సందర్భంగా ఎస్టిటిషిన్ విశ్రాంత జనరల్ మేనేజర్ పి.శివరామకృష్ణ ముఖ్య అతిథిగా హాజర్రె మాట్లాదారు. ఎమర్జింగ్ టైండ్ జస్ వవర్ హ్యార్ఫ్ విద్యార్థుల్లో హింపొందించార్సిన జ్వానం గురించి ఉపాధ్యాయులకు వివరించారు. ఎయు సెంటర్ ఆఫ్ ఎక్స్ట్రెక్స్ సీనియర్ ఇంజినీర్ ఓ కార్షీక్ వర్మ మాట్లయతూ, రోటోటిక్స్ ప్రస్తుతం ఏ విధంగా ఉపయోగపడుతుందో వివరించారు. కుకు బ్రో సాఫ్ట్ వేర్ పై ఆమాహనే కర్పించారు. ఈ కార్మక్రమంలో ప్రస్తిపల్ దాక్షర్ ఏ. శ్రీధర్వట్నాయక్, వైఎస్ డ్రిన్సిపల్ బి.జీవస్రావం, మెకానికల్ విధాగారివతి డాక్టర్ టి.సత్యనారాయణ పాల్గొన్నారు. ఇదు రోజుల బ్రోగ్రామ్ కో-ఆర్డినేటర్ దాక్షర్ పివివి సత్యనారాయణ పర్మవేశ్వజలో నిర్వహించారు.



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VISAKHA INSTITUTE OF ENGINEERING & TECHNOLOGY Narava, Visakhapatnom 530 027.

Principal

HOD, Mechanical
Head of the Department
Department ME
Vesting institute of Engg. & Tech.

REGISTRATION FORM

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

02nd January 2024 - 06th January 2024

Name:		e t	200			*	*25	15	-	99
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Teaching/Industrial experience:		*13				v.	,	,	.,	
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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 FirstServe".

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:

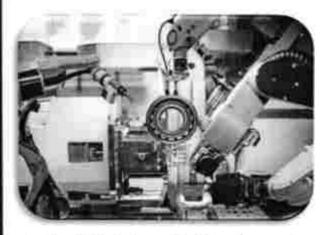
Mr M Rambabu , Associate Professor Mrs K Chandna, Associate Professor Mr. G Sunil, Assistant Professor Mr. A Murali Krishna, Assistant Professor Mr. A Narendra Kumar , Assistant Professor Mr. Ch. Veerunaida, Assistant Professor Mr. Ch. Kiran Kumar Assistant Professor Mr. K Jagadesh , Assistant Professor

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

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 screne 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 Dr. P.V.V. Satyanarayana, Associate Professor, VIET. 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 fratemity 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. Sivaramu 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. K. Dayana, Associate Professor, VIET.
- Dr. K. Sri rum 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

should Participants. 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 Apple? Registration form is available alone with this brochure on Scan and mail the completed form to

> mechhod@viet.edu.in mechhod@vietysp.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	Mark. Kamalakar	Asst-Poof	BITS	- Kanten	Lucker	+ tentin	+- tir	-Kanton
2	Mr. M. Radmenalham	Asst Frof	SUPES	M: Fading	M. Radry	M. Paday		
3	V. Chambra Fala	Asst Ruse	VIEV	0	CH	Cho.	CI.	de
4	Mr. G. Venu madhar	Asot proof	RAGHUR	OG-Vans	Greun	Grenn	G. Verus	Gvenu
5	MY GUNTUBOYINA HAREESH	Asst Prot	SYCET	GHE	Gi. HO	G.HO	G.H.C	G. HE
6	Mrs. P. Prasanna Kurnari	Ant for	VIEW	Burn	Practical			Promo
7	Mr. G.V. Lova Raju	Asst. Prop	Sai Garapothical	Culhen	Culny	arlika	Culpa	only
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9	Dr. Vahini Kallempudi	And Proof	Condi (CLIET)	Vahorit	John K	Volinit	Idhini-te	Vahio
10	Mr. D. Demede noude	Aust Prit	NSRIT	Nerde	Noud	Neide	node	March
μ	Mr. M. Petyananyana	Asst proof	NSRIT-	Metro	Matya	M. Soly-	Mille	M-Sala
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13	Ma. K. Magakaju.	ASSI - PTOS .	VIET	K. Nagaly.	KANDEREZ	b- Marka	K. Massi	K. Nagas
14	MY. S. Subsahmonyam	ASSI Prot	Gonna	2 Ulwarda	Willmoso		Ju Wanter	3/01-7

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 Rap	Asst Prol	Lende	40	HE	HE	He	He
16	Mark. Venkata Granesh.	post - prof .	GONNA.	Venture	dentable	ventate	Jankiata	Venkata
17	DY PVV SATYANARAYANA	ASSD Prot	VIET (ME)	PWSlad	PUV Sals	Product	PUVSES 31	Pur 363
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20	Mrs. V. Ram Kymnar	Lecture	VIET	St	de	-Fe	Se	The same
21	Dr T-S- Nassayana	Assoc Drol	VIET (HOD)	SL	SI	81	SI	2
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37.	Dr. T. Venkateswana Rao		VIET	T. Ventosta	T-Vankatisw	T-Venkets	T.Venkor	Tuendedes
	MYS. M KALAYANE	Assistant Prof	VIET	Maderi	M. reality	My redocis	M. Kelyani	or Kilgan
	Mr. N.V. Veenerdra	Asst. Prof	VIET	Vocumbra	Viermono	Verandon	Vendo	Verendo
0	Dr. Gr. Siva Kasuma	Asso-Prof	VIET	Horme	Kosum	Boun	Kom	Kerme
41	ME. D. Strivas	Asst Prof	VIET	D selvar	ourse	parally	D Kinneg	P. S.Shran
2	Mr. A Thour Humer	Asst · Prof	VIET	Herry	now	ry	14-61	race
3	Dr. A. Sriram Vikas	Asso. Profesor	VIET	fer.	Jon.	Jan.	Jan.	Sevi
14	MYS GORLE SMATHI	Asst · Prof	VIET	Suct	Swat	Swar	Sul	Sum
15	Mr. AVA NI Moulton	Asst-Prof	VIET	Men	Mu	Mu	Mu	Min
16	M&S. A. RAW? Tedd	Asst. Prof	VIET	Axenye	A. Rovitego	A RADING	A-Rawitgh	ARWith
47	Mr. R. Ratna Kumari	Asst-Prof	VIET	Kat	Bt	Ket	Ket	Ket
48	MSS. M. S. Parni	Asst. Prof	VIET	MESTID	MARS	MS®	MILLED	MORP
49	Mr. M. Thama Kumaj	Asst-Prof	VIET	fun	ku	teu	ben	*un
50	Mrs. I. Sootya	Asst-Prof	VIET	1 dats	E fely	T who	d Antys	desty.
61	Mr. U.S.M.K. Patro	Asst. Profese	VIET	Pat	Post	Rot	Pat	Pat
52	Mrs B Btheroneware	Asst · Prof	VIET	Bim	Bun	Bru	Buy	Burn
53	MK. B. BHEMOUND A	Asst · Prof	VIET	B-Bhenary	sale	BODO	B pluc	RELIA
54.	MY- Nd. AZARDDOM	Asst. Prof	VIET	Anna	And	Asselm	Ardh	Avela
55	Mr. K. Rawindra	Asst - Prof	VIET	Lound	Kun	Kuis	Rand	Roun
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	Mr. A. S. RaD	Asst. Prof	VIET	Ra	Pour	Rae	Ras	ko.
	Mr. B. Vinodh	Asst Prof	VIET	Vinel	161	Vvi	Uluri	Vini

Head of the Department Department ME Vessina Institute of Engl. & Tech. *™*REDERENTED REPORTED REPOREPORTED REPORTED REPORTED REPORTED REPORTED REPORTED REPORTED REP



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



Certificate No: ME109

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

From Vignan'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.

Pvv Saly-1

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

我们

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

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

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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.

PVV Saly- 1

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

Children Children

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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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.

Pv v Saly-

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

WHY?

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

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



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

DATE: 02-01-2024 to 00	-01-2024				VENUE: VIET BLOCK-I SEMINAR HALI						
PLEASE CIRCLE THE NUM		= EXC		4 = VERY GOOD 3 = GOOD Y 1 = BELOW SATISFACTORY							
Resource Person	ı: Mr. P.	Sivarı	ıma K	rishn	a, GM(C	&M) Rtd, NTPC Ltd.					
Topic: "Emergin	g trends i	n pow	er sect	OF*							
Knowledge of The Speaker	1	2	3	4	LS-	Other remarks:					
Use Of Lecture	1	2	3	4	18	Notice Explision					
Resource Person	: Dr. K.	Daya	na, As	social	te Profes	sor, VIET.					
Topic: "Advance	ment in S	Sustain	able I	evelo	pment"						
Knowledge of The Speaker	1	2	3	4	5	Other remarks:					
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Resource Person Topic: "Advance Knowledge of The Speaker						Other remarks:					
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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 96-01-2024

VENUE: VIET BLOCK-1 SEMINAR HALL

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Use Of Lecture	1	2	3	4	8	NICE TEACHING
Resource Person Topic: "Advance Knowledge of The Speaker						ociate Professor, VIET.
Knowledge of The Speaker	1	2	3	4	-5	Other remarks:
Use Of Lecture	31:	2	3	4	3	EXCELLENT
Resource Person Topic: "Latest tre				rma,	Sr.Engi	neer, AU-Centre of Excellence.
Knowledge of The Speaker	1	2	3	4	-5	Other remarks:
Use Of Lecture	1	2	3	4	8	GOOD TEACHING
Resource Person Topic: "Solid Sta			n Vik	as, As	sociate	Professor, VIET.
Knowledge of The Speaker	1	2	3	4	15	Other remarks:
Use Of Lecture	1	2	3	4	15	NICE EXPLANATION
						ltant, Skill assessment in C.K. Birla Group. Prospects and Career Guidance*
A Opinio Situati Di	1100	2	3	4	5	Other remarks:
Knowledge of The Speaker	1	2		100		



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 HAL						
PLEASE CIRCLE THE NUM		= EXC = SAT		Y.	4 = VERY GOOD 3 = GOOD 1 = BELOW SATISFACTORY						
Resource Person					a, GM(O&M) Rtd, NTPC Ltd.					
Knowledge of The Speaker	1	2	3	4	15	Other remarks:					
Use Of Lecture	1	2	3	4	15	Voy Gwod					
Resource Person Topic: "Advance Knowledge of The Speaker	ment in 5	Sustain	able D	Pevelo	pment"						
	1.	2	3	4	15	Other remarks:					
Use Of Lecture	.1	2	3	4	18	Nice teaching					
Resource Person Topic: "Advance			4		State .	ociate Professor, VIET.					
Knowledge of The Speaker	1	2	3	4	15	Other remarks:					
Use Of Lecture	1	2	3	4	5	Excellent					
Resource Person Topic: "Latest tre				rma,	Sr.Eng	neer, AU-Centre of Excellence.					
Knowledge of The Speaker	1	2	3	4	18	Other remarks:					
Use Of Lecture	10	2	:3	4	3	Good Teaching					
Resource Person Topic: "Solid Sta			m Vik	as, As		Professor, VIET.					
Knowledge of The Speaker	it	2	3	4	3	Other remarks:					
Use Of Lecture	1	2	3	4	3	Very Gread					
Resource Person Topic: "Smart Ma	Mr. S.	Ganes ing To	h, Exc	cutive	Consu Future	dtant, Skill assessment in C.K. Birla Group. Prospects and Career Guidance"					
Knowledge of The Speaker	Ĭ.	2	3	4	8	Other remarks:					
Use Of Lecture	Ě	2	3	4	15	Nice Explahation					
Resource Person	: Mr. C	H. Kin	an Ku	mar,	Assista	nt 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 De 45 000/

S.NO	,	Name of the Supplier		Invoice No & Date	Amount in
		Mr. P. Sivarama Krishna, GM(O&M)Rtd, NTPC Ltd.	6,000	VOUCHER No 01 02-01-2024	
		Mr. K. Karthik Varma, Sr. Engineer, AU-Centre of Excellence Visakhapatnam.	6,000	VOUCHER No 02 04-01-2024	
1. Resource Person's	Mr. S. Ganesh, Executive Consultant, Skill assessment in C.K. Birla Group.	6,000	VOUCHER No 03 06-01-2024	30,000	
	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, Associat 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	
		Mementos	10*550	Bill. No: 4496 & 4505 02-01-2024 & 05-01-2024	5,500
a,	Out	Shawls	10*350	Bill. No: 4496 02-01-2024	3,500
2.	Other Allowances	Banners	2*288	Bill, No: 848 29-12-2023	576
		Inauguration			
		Snakes (Tea, Water Bottle, Samosa, Jellaba)	2,000	Bill. No: A0987	2,000
		Petrol	2620	02-01-2024	2620
		Total			44,196

Amount received from institute

Rs.45,000/~

Total Expenditure

Amount to be refunded to the Institute

Rs.44.196/-Rs.804/-

HOD of Mechanical Dept.







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 Veekha institute of Engo & Tech.

Copy submitted to:- Hon'ble Chairman

Copy to:- All Concerned/Notice Boards

Principal
PRINCIPAL
VISAKHA INSTITUTE OF
ENGINEERING & TECHNOLOG:
Narava, Visakhapainam-530 027

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

VISAKHA STITUTE OF ENGINEERING & TECHNOLOGY Naraya, Visakhapatham-530 027.

IQAC	R&D	CIVIL	EEE	ME/ AME	ECE	CSE	BS&H	МВА	MCA
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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 Ana
٤.	16-2-204	Applications of descriptive
٤.	17-2-2024	Inferential Tools.
η.	18-2-2024	Basics of statistical tools
5.	19-2-2024	Marketing - Analytics
		-Analytics in Finance

eg. Togabaha PROGRAM CO-ORDINATOR HOD

Visakha Institute of Engineering & Technology

(Approved by ACTE, New Date & Afficient to JICTUDY, VIZINDAGARAM.)

A One Week Faculty

Development Program "Business

Analytics and Business Intelligence

15-02-2024 To 19-02-2024

REGISTRATION FORM

- 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 Dethy & Attituded to JNTUSY, VIZIANAGANAM.)

88thDivision, Narava VISAKHAPATNAM – 530 027 Andhra Pradesh, INDIA.

Visakha Institute of Engineering & Technology

(Approved by AICTE, New Debt & Affiliated to JINTURY, VIZIANA OXBANA) 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 10acres 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 and Business Analytics 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
- Identifying strategic opportunities from data patterns.
- Identifying potential problems facing the business and coming up with solutions.
- Creating a budget and business forecast.
- Monitoring progress with business initiatives.



Resource Person:

Dr. N. Naveen Associate Professor GITAM University Visakhapatnam

Organizing Committee:

Dr. A. Tulaseennidu, 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

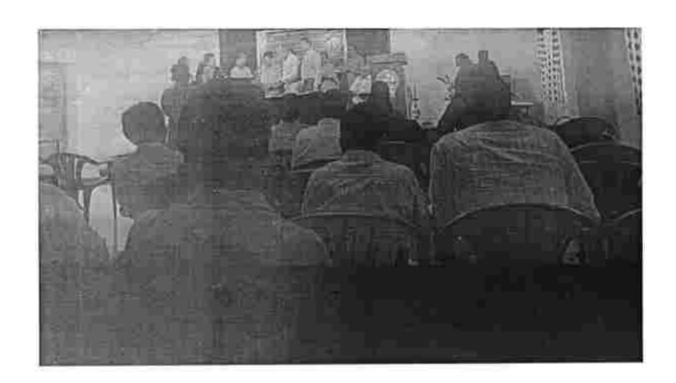
: The Faculty will be able to

- 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





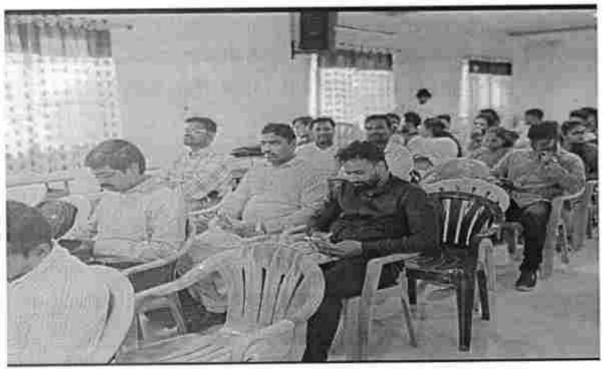
INSTITUTE OF ENGINEERING & TECHNOLOGY
Approved by AIGTE NEW DELHI
(Affiliated to JNTUGV, VIZIANAGARAM)
SUI Division, Naraya, GVMC, Vizianagarinan-630027
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VSPT





PROGRAM COORDINATOR

Aprise



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	Adm	Am	Adu	-A vui	Avair
2	GANESH VARAHA GANISETTY	Gr. V. Count		th GINGON	- Giry Gand	1 Gy V Gya
3	DR S KESHAVA NAGU	Steeles	gipe	Steslos	tulia	Stylies
14	DR K RAJU BABU	NIN Q	IN ME	EN BURN	by M.Po	DYKERS
5	DR N. NOOKA RAJU	MARSH	NORWA	N. Roy	1. Barrie	NROY
.6	UTEJA	UTELA	Wille	U. Tria	U. Tije	U. 749
.7	PAILA JHANSI DEVI	P. alien	P.Thum	12 Days	- P. There	- P. Prenty
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9	GINNI KUSHUMA	a. Kuji	4 Kusum	& G. Kugun	or Cy Kury	e Gray
10	PEDIREDDI BHARATHI	P. Falen	Pala	P. Bhen	1 Bhen	- P. Khan
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12	DR. P. SATYA VARA PRASAD	DYR	Pri Pos	POR	posta	22300
13	DR.M. LAKSHMI PRIYA	Dr.M.	Drich.	Pr.M.	Ratahni	Prish
14	K. VUAYA BHASKAR.	K. VITAY	+ K. V. Jam	K. Vijon	K. Vijay	Kinika
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17	DR. K. S ANJANEYA CHOUDARY	Dr. k	Drikeyo	Bonjey	Drike	Printe
18	CH.SUSHMA RANI	a. Low	chitan	chitown	Chilleri	Ch. Kerr
19	G.RAJA BABU	G. Roya	aby G Po	40	90	90
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22	M.R.JAGAN KUMAR	M. Daw	14 Tage	METOGO	M Jagen	M Joga
23	DR. K DAYANA	Dr. K. Douge	no Dr. K.D	ayan Hele	Drkpon	· Pr·KI
24	Mrs. CHANDANA	1 sill	(aun	1 out	1000	(Quity
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Certificate of Participation

Department of MBA, VISAKHAINSTITUTE OF ENGINEERING & Program on "Business Analytics and Business Intelligence" Organized by TECHNOLOGY, Narava, 88th division, Visakhapatnam, A.P. State, India, Faculty has participated in A One Week Faculty Development This is to certify that Mr./Ms./Mrs. Dr. NOOKARATU

From 15-02-2024 To 19-02-2024

Program Coordinator

Hon

Principal

Mr.G. RajaBabu

Dr. A. Tulaseenaidu

Dr. V. Sridhar Patnaik



Ref: VIET/ECE/CIR-13/2023-24

Visakhapatnam, Dute: 30-09-23.

COLLEGE COOL

CIRCULAR

All the Faculty are informed that the department of Electronics and Communication Engineering is organizing a Two week FDP on "ESIM" from 05-10-23 to 18-10-23 in Visakha Institute of Engineering & Technology, Narava with course material provided by Spoken Tutorial Project, IIT Bombay. All the Faculty of Department of Electronics and Communication Engineering are informed to attend this program and to make it a success.

PRINCIPAL

PRINCIPAL

VISAKHA INCTITUTE OF ENGINEERING A CHMOLOGY Narava, Visakhapan, 1935 027

Copy submitted to:-Hon'bleChairman [AO]File

IQAC	R&D	TPO	EEE	CIVII.	ME/ AME	ECE	CSE	BS&H	MBA
do.	Why !	0	All .	8/2	July	8	Lejoras	July -	a



Instructions for eSim (open source EDA Tool) Spoken Tutorial Team HT Bombay



1 Online / Offline content

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

2 The procedure to practise

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

3 eSim

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

4 General Instructions for eSim:

- Always select components from the libraries starting with eSim for precise simulation results.
- Whenever the Hissing libraries pop-up window appears, click on Close.
- Whenever the Project Rescue Helper dialog box appears, click on OK:
- At the end of each tutorial, close the schematic by pressing Ctrl and Q keys together on the «Sim schematic cultor window.
- 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.
- To see all the files listed under a particular project, right click on that project's masse from the Projects window and select refresh option.

5 Common instructions

- To view the tutorial, click on the Play icon which is located in the player.
- The Pre-requisite and Slides will be visible below the player (only for Online contents).
- Dutline, Assignments, Code Files and Additional Reading Material are available below the player.
- Attempt the Assignments as instructed in the tutorial wiscretwe applicable.
- 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

- (4) Click on the link "Code files" located below the player and save it in your folder.
- (b) Extract the downloaded ain 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-passo-practise the whole tutorial.
- 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
- Follow all the above instructions, till you complete all the tutorials in the series.

6 First tutorial: Schematic Creation and Simulation

- Locate the topic Schematic Creation and Simulation and click on it.
- To view the tutorial, click on the Play icon which is located in the player.
- Select components only from the libraries starting with eSin.
- 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 0:17 to 11:32 to reflect those changes in the simulation compatible netlet.
- Make sure the analysis parameters and source details are same as mentioned from time 9:52 to 11:20.
- If you are using Windows OS, at time 14:32 in the tutorial, place go to C:/FOSSEE/eSim/src/deviceModelLibrary/ Diode/ and select D. 11b from there.

7 Second Tutorial: Simulating an Astable Multivibrator

- 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.
- If you have changed values of components in the schematic, follow the procedure mentioned from time 8:16 to 10:00 to reflect those changes in the simulation compatible netlist.
- 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:

- At time 9.14 in the tutorial, please go to C:/FOSSEE/eSim/src/deviceModelLibrary/Diode/ and select LED. 11b from there.
- At time 9:36 in the tutorial, please go to C:/FOSSEE/eSim/src/deviceModelLibrary/ Transistor/ and select BC5478.11b from there.

8 Third Tutorial: Mapping components with Footprints

 Examples folder of eSim is present under C:/FOSSEE/eSim/

9 Sixth Tutorial: Setting Parameters for Designing PCB

- Download the Code files provided for this tutorial and extract the downloaded folder.
- Place the extracted folder 7805VeltageRegulator on your Desktop.

10 Fifth Tutorial: Laying Tracks on PCB

 Try this totorial only after you have performed Setting Parameters for Designing PCB totorial.

- Use the same project that was used for the Setting Parameters for Designing PCS tutorial, i.e. 7805VoltageRegulator, which is saved on your Desktop.
- 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

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

12 Seventh Tutorial: Creating a Device Model

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

13 Ninth Tutorial: Subcircuit Builder

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

14 Eleventh Tutorial: Uploading a Spice Subcircuit file

- Some of the plots when simulated will appear on top of each other as 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 to your file.

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

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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.

Effects

Spoken Turbrists

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.

Egrum

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.

ABOUTERNESE

POSSEE (Free and Open Source Software for Education)
project is funded by the National Mission on Education
through ICT, MHRD. The FOSSEE team works on
Adopting a 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:

happy//enm.haspec.in.

Circuit Simulation Project:

Have been purpospywall in the party of the con-

Lab Migration:

munches in facility of summer of the property

Forum:

Андии/менти / развет им/Голинт

Spoken Tutorials:

NOTICE TO SELECT AND SELECT ASSESSMENT OF THE PARTY OF TH

Github repository:

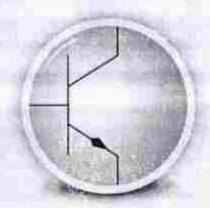
https://gintilb.com/FCISSEE/eSim https://github.com/FLISSEE/ng/id/

Contact us:

Grantal help & Querie: Emall: coeta resum Passean

Sponsored by:

National Mission on Education through ICT, MHRD http://salshat.ac.n





https://esim.fossee.in

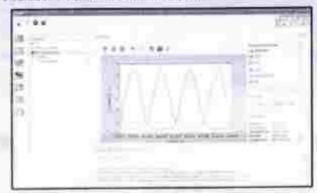




Introduction to eSim

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

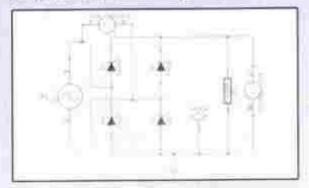
It is an integrated tool built using free/libre and open source software such as KiCad (http://www.icad.mb.org, Ngspice intra (http://w



Features

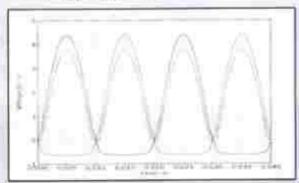
Create Circuit Schematic

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



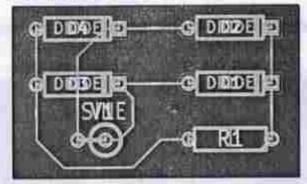
Perform Circuit Simulation

- · 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.
- NGHOL 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

POSSEE 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.



Certificate of Participation



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 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



Certificate of Participation



This is to certify that JEEVANARAO B 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 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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Participant List

Go to Master List

Invalid Users or Verification Pending Users List

Edit Department Year First Name Last Name Email Gender Status

Verified Users List

#	Edit	Department	Year	First Name	Last Name	Email	Gender	Status
t?	Edit	Faculty Development Programs (FDPs) (PMMMNMTT)	2023 .	JEEVANARAO	В	ecehod@vietvsp.com	Male	Verified Delete
2	Edit	Faculty Development Programs (FDPs) (PMMMNMTT)		KAUSAR	JAHAN	kausar 465@gmail.com	Female	Verified Delete
3		Faculty Development Programs (FDPs) (PMMMNMTT)	2023	Т	KALYANI	kalyanithoram@gmail.com	Female	Verified Delete
4	Edit	Faculty Development Programs (FDPs) (PMMMNMTT)		PUSHPA	к	kmangapushpa@gmail.com	Female	Verified Delete
5	Edit	Faculty Development Programs (FDPs) (PMMMNMTT)	71500	HEMANTH KUMAR	М	hemanth@victysp.com	Male	Verified Delete
6	Edit	Faculty Development Programs (FDPs) (PMMMNMTT)	2023	BHASKAR NAIDU	В	bhaskarmadhireddi@gmail.com	Male	Verified Delete
7	Edit	Faculty Development Programs (FDPs) (PMMMNMTT)	4943	KRISHNA CHAITANYA	СН	krishnachaitanyach4@gmail.com	Male	Verified Delete
8	Edit	Faculty Development Programs (FDPs) (PMMMNMTT)		SANDHYA	K	sandhya.ece@evictvsp.com	Female	Verified Delete
9	Edit	Faculty Development Programs (FDPs) (PMMMNMTT)	2023	KEERTHI	LANKA	patrudu88@gmail.com	Female	Verified Delete
10	Estit	Faculty Development	2023	T	MALASRI	malasripattem222@gmail.com	Female	Verified Delete

11/21/23, 2:27 PM

Programs (FDPs) (PMMMNMTT)

- FOSSEE Project
- Scilab
- · eSim (Oscad)
- · Python
- OpenFoam (CED)
- Aakash Labs
- Co-learn
- Education Mission
- Software Training
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- · Training Dashboard
- Creation Dashboard
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Installation Sheet oSim - Open Source EDA Tool Spoken Tutorial Team IIT Bombay



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

- I. To follow the installation procedure, you need to be connected to the internet
- 2. Following system requirements should be met:
 - L Limix: 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

- Go to https://esim.fossee.in/downloads
- 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
- Change the directory using cd command to the location where the downloaded eSim-2.1.zip file is kept. For example, cd Dawnloads
- 6. Unnip the file by typing unnip eSin-2.1.zip and press Enter key
- 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 tx 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

- 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.
 - it. 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.)
- Please note: Notepad++ is required to view and edit certain files

2.2 Installing eSim on your machine

- Go to https://esim.fossee.in/downloads
- Under the section aSim 2.1 go to the subsection Installers. To start the download, click on the zip file eSim-2.1 install.exe form the Windows 7 and about (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 dawnloaded 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
- 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 Desictop

3 Procedure to check eSim installation

- 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
- Click on the Open Project button from the top-left corner of eSim interface.
 Windows OS users: go to the location C:/FOSSEE/eSim/Examplem/and select Halfwave.Rectifier
 Ubuntu Linux OS users: go to ~/Downloadm/eSim-2.1/Examplem/ and choose Halfwave.Rectifier
- 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.



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.

PIRREGOIPAL
VISAKHA INSTITUTE OF
ENGINEERING & 1 ECHNOLOGY
Marava, Visakhapathain-530 027.

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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	13-11-2022	pedagogical Strategies.
3	14-11-2023	Technology Integration
4	15-11-2023	
5	16-11-2003	Leadership Development
6.	17-11-2023	curriculing Developmy
7		Asserment-Technique
8		· / /
9		
10		
11		
12.		

Cy. Joseph.
PROGRAM CO-ORDINATOR

HOD

Visakha Institute of Engineering & Technology

(Approved by AICTR, New Drive & ARRANGA to JNTUDY, 925AMAGANAM)

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	3
2. Name of the Institute	8
Address of the Institute	- 3
4. Affiliated to	- 3
5. Address for Communication	ori:
6. Contact No.	:*:
7. E-Mail Id	3
8. Signature of the Participan	it(3):

Date:

Station: Visakhapatnam

Chief Patron : Sri G. Satyanarayana

Chairman

Patron : Dr. V. Sridhar Patnaik

Principal

Convener : Dr. A. Tulascenaidu

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

(Accrement by AICTE, New Cooks & Afficiated to JNTUGY, VIZIANAGARAM.)

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

Visakha Institute of Engineering & Technology

(Approved by AICTE, New Didn & Afficient to JNT002Y, VIZIANA/CARAM) 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 tenching 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 Naraya 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 scademic 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 Faculty Development Pedagogical Innovation Assessment & Research

Resource Person:

Dr. J.James Associate Professor GITAM University Visakhapatnam

Organizing Committee:

Dr. A. Tulascenaidu, Associate Professor

Dr. K. Rajubabu, Associate Professor

Dr. N. Nookaraiu, 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: 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

: The Faculty will be able to

OBJECTIVE 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

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









G. F. Jahah PROGRAM COORDINATOR Awino



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	AN	- and	Acdus	Aci	(A)	Arles
2	GANESH VARAHA GANISETTY	antique	CGV Gan	- Grysen	hayugand	Cay Vilgan	- Cy Vi Go
3	DR S KESHAVA NAGU	Stone	Skeele	Sterly	Stelle	florie	Dale-
.4	DR K RAJU BABU	WA.	90	40	GA.	(Co	90
- 5	DR N. NOOKA RAJU	Till Ru	DVINE	D. PHAKRY	-Dr.N.R	DINE	DINA
6	UTEJA	U-Tain	UTE	U. Teyn	U.Ten	U. Tagu	U.Tea
7	PAILA JHANSI DEVI	P. Kay	P. Thur	P. Thou	D. Thou	Eldin	Pilker
8	KUNDRAPU DIVYA	K, D	KI Day	K Die	: EDDL	+ KAIS	- K. Ady
9	GINNI KUSHUMA	G.D	140	(R)	(K)	102	90
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13	DR.M. LAKSHMI PRIYA	D.M.	17. W)	IN. Mi	Part.	Dr.M	Dr.M.
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17	DR. K. S ANJANEYA CHOUDARY	Avyana	Dy E.S	ya Dr. E.S.	4 ANTO	JANJEM	MANJai
18	CH.SUSHMA RANI	12 month	chipson	w claush	chowh	Show	Chy year
19	G.RAJA BABU	G. FON	40	90	CP	40	FD-
20	V.SRINIVASA VARA PRASAD	0_	84	4	Cod	ad-	Q-
21	K. PRAVALIKA	k-Pour	k Prouve	K-Danes-	K-prave	L. pamer	t-p-lower
22	M.R.JAGAN KUMAR	H- K Jose	MIRE	-M. R.Shu	MATER	MAJO	HIRE
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Certificate of Participation

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

Program Coordinator

From 12-11-2023 To 17-11-2023

Dr. A. Tulaseenaidu

Mr. G. RajaBabu





Visakhapatnam, Date: 13-03-2024

CIRCULAR

All the Faculty of Electrical and Electronics Engineering are here by informed that our college is organizing a Five days FDP on "Sustainable Lighting Design in Modern Industry using DIALux EVO" from 18-03-2024 to 22-03-2024 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.

VISAK PRINCIPAL
ENGINEE MELINCIPAL CHANGLOGY
MATERIA, Visakhaparam-530 027

Copy submitted to: -Hon'ble Chairman/AO /File

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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):

Mr. D.J Tataji, Assistant Professor, AIET

Ph: 9052638638 Email: j.tataji104@gmail.com

2. Mr. B Ganesh, Assistant Professor.

VIET

Ph:7901013285 Email: ganeshburidi210@email.com

DURATION:

Five days.

48

DATES:

18/03/2024 TO 22/03/20224

NO. OF

PARTICIPANTS:

DESCRIPTION:

The Department of EEE conducted a Five-Day on line Faculty Development

Program on "Sustainable Lighting Design in Modern Industry using DIALux

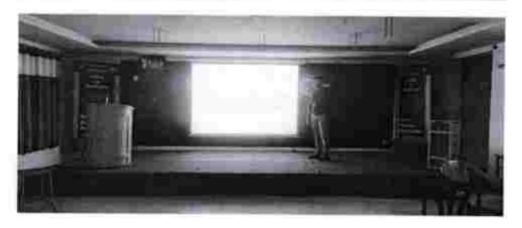
EVO", during: 18th - 22th MARCH, 2023.

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.









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 Mr.B. Ganesh, Assistant Professor, VIET, Visalchapatnam 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

VISANJANSTITUTE OF ENGINEERING & TECHNOLOGY Morane, Visakhapathasi-530 027

Visakha Institute of Engineering & Technology (Approved by AICTE, New Delhi & Affiliated to UNTUK, 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:
- Contact No.
- 7. E-Mail Id
- 8. Signature of the Participant(s):

Registration Fees: - Rs, 200/-

Date:

Station: Visakhapatram

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:

L Mr. VARAPRASAD K S B HOD-FEE

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:

L Mr.T.SANTHOSH

9000041787

2. Mrs.SJYOTHIRANI

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
(Approvately ARCIT & Affiliated to INTLIK, Kakitanifa, A.P.)

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

Visakha Institute of Engineering & Technology [Approved by ARCTE New Demi & Attributed to JAYUR, 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 screne 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:

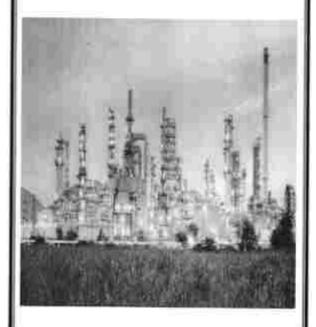
The Department of Electrical And Electronics Engineering Established as one of the major departments of the Institute, the Department of Electrical and Electronics Engineering Visakha Institute of Engineering Technology strives to produce highly competent engineers equipped with advanced professional 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 a second the new version are the sales interved of light continues. This prove full their frame. allows plants - or practicely culcumbrated exultante obmessive highern condoor meet-

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 refevant 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:

L.K.S.B VARAPRASAD HOD-EEE 2. T.SANTHOSH Dept of EEE 3. R.MAHALAKSHMI Dept. of EEE 4. S.IYOTHIRANI Dept. of EEE







Certificate of Participation

T_{i}	ris is	to c	ertify that	Mr./I	Mrs				of
		has	participate	d in the	Five-day	Faculty	development		10.0
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Technology j	from 18	-03-20	24 to 22-0	3-2024.					

(Mrs.R.MahaLakshmi) Coordinator (Mr. Varaprasd K S B) Chief-Coordinator (Dr. V.Sridhar Patnaik) Principal



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

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