

6.3.3

Sample reports of
FDP/MDP/Refresher courses
attended by the faculty members
along with resource person details
and participation certificates

REPORT ON

Five day Online FDP on Additive Manufacturing

14th to 19th March 2022



[Mechanical Engineering Department]

**GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY
(AUTONOMOUS)**

Chaitanya Knowledge City, NH-16, Rajahmundry 533296, AP

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Section 1

Brief Report of the Event : Five day FDP on “Additive Manufacturing”

Background : Faculty Development Program on specified topics.

Objectives of the program : The industries and organizations such as automobile, aerospace, ship building, additive manufacturing, Renewable energy sources, etc. are using new trends in their manufacturing with latest designs for their products. The organizations are working continuously and striving for optimum design of their products as technology is changing rapidly for producing cost effective products and satisfy the customer needs. The world class industries trying to grab the global market with cost-effective products. The main objective of the FDP is to train the faculty and researchers in the important areas of industrial relevance through academic and industrial experts. It also provides comprehensive idea of new industrial practices and makes them adapt to their academic curriculum. It is a right platform to share their views with researchers, academicians and industry.

Organization of Event : Mechanical Engineering

For whom : All Faculty members from GIET Institutions, and Faculty from East and West Godavari District Engineering Colleges, Research scholars,

Topics to be covered :

- Additive Manufacturing Technologies
- An overview about 3D and 4D printing methods
- An overview on research possibilities in advanced material removal processes
- Manufacturing activities of new ship construction and ship repairs
- Design for Additive Manufacturing.

Organizing team :

CONVENER: Dr.M. Srinivasarao, Head of the Department, ME

CO-ORDINATORS: Mr. B. Joga Rao, Associate Professor,
Mr.K.Sreenivasareddy, Assistant professor

Section 2

List of Participating Institutions/ Departments/Offices

- Gudlavalleru Engineering college ,
- Pragathi Engineering College
- Shri Vishnu Engineering College Autonomous
- Ideal Institute of technology
- Sasi Institute of Technology & Engineering
- Sri vasavi Engineering College
- BVC Engineering College

Section 3

List of Participants

S. No	Name	College	Branch
1	Mr. Penupothula Chinna	Pragati Engineering college	Mechanical
2	Mrs. Deep Rani Katta	Pragati Engineering college	Mechanical
3	T. Nagaraju	Gudlavalleru Engineering college	Mechanical
4	K. Ramakanth	Gudlavalleru Engineering college	Mechanical
5	G. Venkata Jagdeesh	Gudlavalleru Engineering college	Mechanical
6	K. Krishna Kishore	Gudlavalleru Engineering college	Mechanical
7	G. Ratna Kumar	Gudlavalleru Engineering college	Mechanical
8	P. Satyanarayana	Gudlavalleru Engineering college	Mechanical
9	D. Mojeswara Rao	Gudlavalleru Engineering college	Mechanical
10	K.L.N.MURTY	Ideal Institute of technology	Mechanical
11	P.DURGA PRASAD	Ideal Institute of technology	Mechanical

12	P.S.V.S.S.R.KRISHNA	Ideal Institute of technology	Mechanical
13	N.SANDEEP	Ideal Institute of technology	Mechanical
14	N.RAGHURAM	Ideal Institute of technology	Mechanical
15	S.V.Y.SASTRY	Ideal Institute of technology	Mechanical
16	J.L.PRATHYUSHA	Ideal Institute of technology	Mechanical
17	R.VIJAYALAKSHMI	Ideal Institute of technology	Mechanical
18	G.RAVI KUMAR	Ideal Institute of technology	Mechanical
19	CH.RAJU	Ideal Institute of technology	Mechanical
20	Dr Naveen kumar G	Sasi institute of technoloy	Mechanical
21	Subhani Mohammed	Sasi institute of technoloy	Mechanical
22	Dr.A.Ramaswamy	Sasi institute of technoloy	Mechanical
23	POTTURI S PRAKASH	Shri Vishnu Engineering College	Mechanical
24	Javvadi Eswara Manika	Shri Vishnu Engineering College	Mechanical
25	Adina Srinivasa Vara P	Shri Vishnu Engineering College	Mechanical
26	Mankari Venkatesh	Sri Vasavi Engineering	Mechanical
27	VATHADI DURGA RAO	Sri Vasavi Engineering	Mechanical
28	MADHAVARAM SRINI	Sri Vasavi Engineering	Mechanical

29	Dr M Sreenivasa Rao	GIET	Mechanical
30	SHAIK NAYEEM	GIET	Mechanical
31	K Sreenivasa Reddy	GIET	Mechanical
32	BIKKAVOLU JOGARAO	GIET	Mechanical
33	Dr. G Ramakrishna	GIET	Mechanical
34	Dr. Tankeshwar Prasad	GIET	Mechanical
35	Dakey Suman	GIET	Mechanical
36	ALAPATI BABJI	GIET	Mechanical
37	KEDARISSETTI GOWTHAMI	GIET	Mechanical
38	ARUNA KUNDA	GIET	Mechanical
39	MOHAMMED ABDUL S	GIET	Mechanical
40	AVINASH KAPIL SHAIK	GIET	Mechanical
41	SRINIVAS B N V	Sri Vasavi Engineering	Mechanical
42	NAVEEN CHAITANYA REDDY	BONAM VENKATA CHALAMAYYA INSTITUTE OF TECHNOLOGY AND SCIENCE	Mechanical
43	SRINIVASA VARA PRASAD ADINA	BONAM VENKATA CHALAMAYYA INSTITUTE OF TECHNOLOGY AND SCIENCE	Mechanical

44	NARASA RAJU GOSANGI	BONAM VENKATA CHALAMAYYA INSTITUTE OF TECHNOLOGY AND SCIENCE	Mechanical
45	V V S MANEENDRA PATNALA	GIET	Mechanical
46	SRINIVASARAO MADHAVARAM	BONAM VENKATA CHALAMAYYA INSTITUTE OF TECHNOLOGY AND SCIENCE	Mechanical
47	SRINIVASA MANIKANTA JAMI	GIET	Mechanical
48	BULLI RAJU N	SWARNANDHRA COLLEGE OF ENGINEERING AND TECHNOLOGY	Mechanical
49	BOSU BABU LANKA	SWARNANDHRA COLLEGE OF ENGINEERING AND TECHNOLOGY (AUTONOMOUS)	Mechanical
50	SAI SURENDRA VEERLA	RAMACHANDRA COLLEGE OF ENGINEERING ,ELURU	Mechanical
51	HARISH KUMAR CH	SWARNANDHRA COLLEGE OF ENGINEERING & TECHNOLOGY	Mechanical
52	VINODH CHOPPALA	BVC ENGINEERING COLLEGE, ODALAREVU	Mechanical
53	YALLA LOKESH	GIET	Mechanical
54	KONA VENKATA MALLESH	GIET	Mechanical
55	JAGARAPU YERNAIDU	GIET	Mechanical
56	KARAKA RUPENDRA	GIET	Mechanical
57	MUCHERLA NARAYANA VENKATA SATYA ARAVIND	GIET	Mechanical

58	KONDAPALLI SRI DURGA ANAND KUMAR	GIET	Mechanical
59	JATLA RAVITEJA	GIET	Mechanical
60	BODDU SASI KIRAN	GIET	Mechanical
61	THAMARAPALLI PAVANKALYAN	GIET	Mechanical
62	PYLA BADRINADH KUMAR	GIET	Mechanical
63	KUNDRAPU VEERA VENKATA MAHESH	GIET	Mechanical
64	BILLA LOKESH	GIET	Mechanical
65	NOOLU VEERA VENKATA MANIKUMAR	GIET	Mechanical
66	KAKI KIRAN	GIET	Mechanical
67	PALLEPOGU YASWANATH	GIET	Mechanical
68	ACHANTA PRABHAKARA RAO	GIET	Mechanical
69	AGARTHI SAI KIRAN	GIET	Mechanical
70	GUDAPATI SAI	GIET	Mechanical
71	PUTTA NANDAKISHORE	GIET	Mechanical
72	BANDARU SANTHA KUMAR	GIET	Mechanical
73	AILA GOPICHAND	GIET	Mechanical
74	PANDURI CHAITANYA	GIET	Mechanical

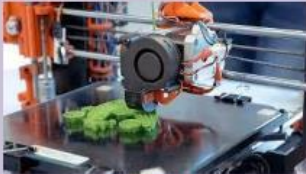
75	VELAGAPUDI HARI KRISHNA SYAM	GIET	Mechanical
76	SATYAVADA SAI RAM	GIET	Mechanical
77	SINGALURI VINOD KUMAR	GIET	Mechanical
78	DWARAMPUDI PALLA REDDY	GIET	Mechanical
79	RAJA SEKHAR LALAM	GIET	Mechanical
80	SWAYAMBARAPU MANIKANTA KUMAR	GIET	Mechanical
81	THOTA LAKSHMI NARAYANA	GIET	Mechanical
82	KILLADA SRINU	GIET	Mechanical
83	SURISSETTY BHANU KISHORE	GIET	Mechanical
84	GORLE MANOJ KUMAR	GIET	Mechanical
85	GORRELA VENKATESH	GIET	Mechanical
86	KOMMUKURI PREM RAJ	GIET	Mechanical
87	GUTTULA JOHN PRASAD	GIET	Mechanical
88	NARGANA VENKATESH	GIET	Mechanical
89	ROKKALA TARUN	GIET	Mechanical
90	VEERAMALLA JAYA VENKATA KRISHNA	GIET	Mechanical

Section 4

Schedule of the FDP:

Venue: online FDP


**Five-day Online FDP
On
Additive Manufacturing
14th to 19th Mar. 2022**



**Organized by
DEPARTMENT OF
MECHANICAL ENGINEERING**

**Convener
Dr. M. Sreenivasa Rao,
Head of the Department**

Coordinator (S)
Mr. B. Joga Rao, Associate Professor, Dept. of M.E.
Mr. K Sreenivasa Reddy, Asst. Professor, Dept. of M.E.



**Godavari Institute of Engineering & Technology
(Autonomous)**
NH-16, Chaitanya knowledge city,
Rajangaram, Rajamahendravaram, A.P.,
India - 533296

About the Institution

Godavari Institute of Engineering & Technology (A) was established in 1998 to offer engineering education of world-class standards. Over the years, the college has come to a long way to gain a place of repute and preferred destination for quality engineering education. It is Located in the serene and sylvan suburbs of Chaitanya Knowledge City, Rajamahendravaram, the sprawling 300-acre campus which reflects the finest educational facilities and widely spread buildings and sophisticated labs set amidst idyllic setting and ensures a most congenial atmosphere for scholastic pursuit in right earnest. This institution has autonomous status from 2014-15 onwards, ranked with NIRF in three consecutive years in the band of 200 - 250 and NAAC- A' grade accreditation. The institution is offering 11 UG programs with an intake of 1020 students and also offers M. Tech, MBA & MCA courses. The Institute has recognized research centers by JNTU- Kakinada. The institution has established Center of Excellence for Skill Development through MOU with Govt. of A.P with several reputed organizations such as Advanced Applied Robotic Control (ARC), AVEVA, DASSAULT SYSTEMS, HEBEON, Technologies, SIEMENS, VENTURE Development Center and VIRTUSA.

The institution has PIO status and students are admitted from various foreign countries in addition to students from different states of India.

The institute is offering 11 UG programmes in engineering with 1020 intake, 7 PG programmes including MBA & MCA.

B.Tech. Civil Engineering
B.Tech. Electrical and Electronics Engineering

B.Tech. Mechanical Engineering
B.Tech. Electronics Communication Engineering
B.Tech. Computer Science Engineering
B.Tech. CSE(Artificial Intelligence and Machine Learning)
B.Tech. CSE (Cyber Security)
B.Tech. CSE (Data Science)
B.Tech. Automobile Engineering
B.Tech. Petroleum Engineering
B.Tech. Mining Engineering
M.Tech. Computer Science & Engineering
M.Tech. Structural Engineering
M.Tech. CAD / CAM
M.Tech. VLSI& Embedded Systems
M.Tech. Power Systems
M.B.A.

About the Department

The Department of Mechanical Engineering offers UG program with intake of 180 and PG programs in CAD/CAM and Thermal Engineering specializations. The department has highly qualified, experienced and dynamic faculty along with skilled technical supporting staff who spearhead the process of achieving the vision of the department. Digital library, e-journals and well-equipped labs & infrastructure are a few to state the strength of the Department of Mechanical Engineering. Many of our students and faculty have published technical papers in various National & International journals. A good number of student's are being placed through campus placements in MNCs every year.

Chief Patrons

Sri. K.V.V. Sataynarayana Raju
Chairman, Chaitanya group of institutions
Sri. K. Sasi Kiran Varma
Vice Chairman, Chaitanya group of institutions
Smt. K. Lakshmi Sasi Varma
Executive Director, Chaitanya Group of Institutions

Patrons

Dr. P. Subha Raju
General Manger, GIET Group of Institutions
Dr. T.V.Prasad,
Director, QA, GIET Group of Institutions

Co - Patron

Dr. P.M.M.S.Sarma, Principal

Convener

Dr. M. Sreenivasa Rao, HoD, Dept. of M.E.

Coordinators

Mr. B. Joga Rao, Associate Professor, Dept. of M.E.
Mr. K Sreenivasa Reddy, Asst. Professor, Dept. of M.E.

Organizing Committee

Dr. M. Sreenivasa Rao, Professor, Dean FED.
Dr. T. Jayananda Kumar, Professor, Dean AA
Dr. G. Rama Krishna , Associate Prof, Dept. of M.E.
Dr. Tankeswara Prasad, Assistant Prof, Dept. of M.E
Mr. B. Veera raju, Associate Prof, Dept. of M.E
Mr. M. Kedarnadh , Associate Prof, Dept. of M.E.
Mr. A. Babji, Associate Prof, Dept. of M.E.
Mr. D. Suman , Associate Prof, Dept. of M.E.
Mr. M. Bala Krishna , Associate Prof, Dept. of M.E.
Mr. K. Sreenivasa Reddy, Assistant Prof, Dept. of M.E.
Mr. Sk. Nayeem, Assistant Prof, Dept. of M.E.
Mr. P. V. V. S. Manendra, Assistant Prof, Dept. of M.E.
Mrs. K. Gowthami, Assistant Prof, Dept. of M.E.

About the FDP

The industries and organizations such as automobile, aerospace, ship building, additive manufacturing, Renewable energy sources, etc. are using new trends in their manufacturing with latest designs for their products. The organizations are working continuously and striving for optimum design of their products as technology is changing rapidly for producing cost effective products and satisfy the customer needs. The world class industries trying to grab the global market with cost- effective products.

The main objective of the FDP is to train the faculty and researchers in the important areas of industrial relevance through academic and industrial experts. It also provides comprehensive idea of new industrial practices and makes them adapt to their academic curriculum. It is a right platform to share their views with researchers, academicians and industry.

Focus will be on the following research areas

- Additive Manufacturing Technologies: An overview about 3D & 4D Printing methods.
- An overview on research possibilities in advanced material removal processes.
- Manufacturing activities of new ship construction and ship repairs
- Design for Additive Manufacturing

Resource Persons

The experts are from reputed national and international academic institutions and professional leading industries. The details of the resource persons are as follows

Dr. B K C Ganesh
Founder and Certified Trainer, Print 3D Technologies, Tirupathi

**About
Registration For
Online Faculty Development
Program**

The Registration fee is Rs. 500/- for faculty members.

E- Certificate will be issued to all the participants who actively participate and involve in all sessions.

As the number of seats are limited to 200. The interested participants are requested to send E- mail well in advance. The confirmation will be sent to the participant's registered mail ID based on first come first serve basis.

Eligibility

The FDP is open to researchers (full time/part time) and faculty of Mechanical, Automobile, Production and Metallurgical Engineering Departments from AICTE recognized Institutions, members from Industry and R&D Institutions.

How to Apply

Directly click on the link given below and enter all the details mentioned in the Google form.

<https://forms.gle/zNWioqvLKovCjy1r5>

Link to join in whatsapp group
<https://chat.whatsapp.com/IE1yK2RzG34AAbiHArchBz>

Last Date to Register: 12th March 2022

Date and Time	Session 1 (Time : 10 AM- 11.00 AM)	Session 2 (Time : 11.15 AM- 12.15 PM)
14- 03 -2022	Additive Manufacturing Technologies	Additive Manufacturing Technologies
15- 03 -2022	An overview about 3D and 4D printing methods	An overview about 3D and 4D printing methods
16- 03 -2022	An overview on research possibilities in advanced material removal processes	An overview on research possibilities in advanced material removal processes
17- 03 -2022	Manufacturing activities of new ship construction and ship repairs	Manufacturing activities of new ship construction and ship repairs
18- 03 -2022	Design for Additive Manufacturing.	Design for Additive Manufacturing.

Section 5

List of Resource Persons :

The experts are from reputed national and international academic institutions and professional leading industries.

The details of the resource persons are as follows

1. Dr. B K C Ganesh
Founder and Certified Trainer, Print 3D Technologies, Tirupathi
2. Dr. M. Sreekanth, Associate Professor, School of Mechanical Engineering, Vellore Institute of Technology (VIT), Chennai, Tamil Nadu, India
3. Dr. A. Veeresh Babu, Associate Professor, Dept. of Mechanical Engineering, National Institute of Technology, Warangal, Telangana State, India
4. Mr. Motilal Lakavat, Senior Lecturer, Dept. of Mechanical and industrial Engineering, College of Engineering, National University of Science & Technology, Muscat, Sultanate of Oman.
5. Mr. B. Raghu Ram, Quality control Manager, Super Iron Foundry, Kolkata, India

Section 6

Photographs



**GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY
(AUTONOMOUS)**

NH – 16, Chaitanya Knowledge City, Rajanagaram
Rajamahendravaram – 533296, A.P, INDIA

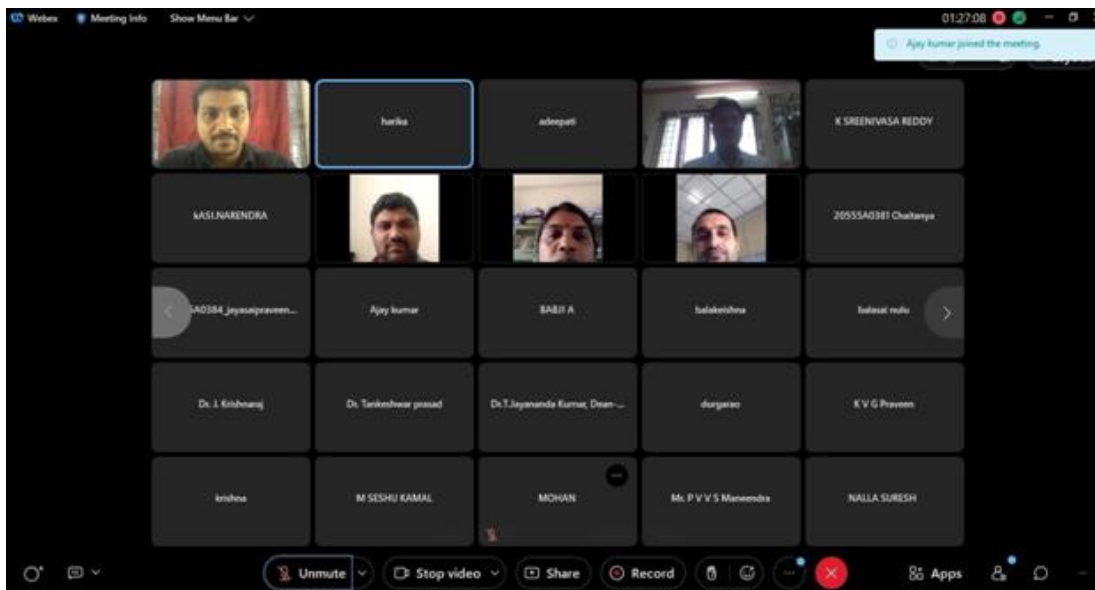
Affiliated to JNTUK – Kakinada, Approved by AICTE, Accredited by NAAC

CERTIFICATE

This is to certify that Mr/Ms-----
of-----participated in online FDP
on "ADDITIVE MANUFACTURING" held from 14th March 2022 to
19th March 2022, organised by Department of
Mechanical Engineering, Godavari Institute of
Engineering & Technology, Rajamahendravaram.


HOD – MECH

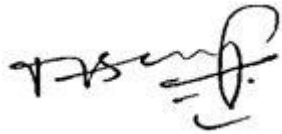

PRINCIPAL



Concluding remarks on the Event.

“Report on Five day FDP on Additive Manufacturing being organised by [Department of Mechanical Engineering] during date(s) 14th to 19th March 2022

– Submitted



Head of the Department
Mechanical Engineering
GIET (A), RAJAHMUNDRY, A.P.

Head of the Department/Head of the office/ Head of the Section



Godavari Institute of Engineering & Technology (A) DP-71

REPORT ON

Online Faculty Development Program on Electric Vehicles

Date (s): 14-03-2022 to 19-03-2022



Department of Automobile Engineering

**GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY
(AUTONOMOUS)**

Chaitanya Knowledge City, NH-16, Rajahmundry 533296, AP

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3	List of Participants	3
4	Schedule of the Event	5
5	List of Resource Persons	6
6	Photographs	6

Section 1

- Background : Faculty Development Program on Electric Vehicles
- Objectives of the program :
- To explore knowledge of Design and Fabrication of Electric Vehicles
 - This course is for a candidate who wants to learn about Design and Fabrication of Electric Vehicles
- Organization of Event : Godavari Institute of Engineering & Technology (A)
- For whom : Faculty
- Topics to be covered : Design and Fabrication of Electric Vehicles
- Organizing team : Dept. of Automobile Engineering

Section 2

List of Participating Institutions/ Departments/Offices:

1. Godavari Institute of Engineering & Technology (A)
2. Pragati Engineering College (A)

Section 3

List of Participants : 33 Faculties and Students from various colleges.

Sl.No	Name Of The Faculty	Department	Institute
1	Mr. N. Raghuvver	Mechanical	Pragati Engineering College(A)
2	Mr.A. Yeswanth	Mechanical	Pragati Engineering College(A)
3	Ms.MandigaAmrutha	Automobile	Pragati Engineering College(A)
4	Mr.S.Rajasekhar	Automobile	Godavari Institute Of Engineering & Technology (A)
5	Mr.Manoj Kumar Roy	Automobile	Godavari Institute Of Engineering & Technology (A)
6	AvupatiVenuMadhava	Automobile	Godavari Institute Of Engineering & Technology (A)
7	BukkyaMahendraNaik	Automobile	Godavari Institute Of Engineering & Technology (A)

8	ChadaramMallikarjun	Automobile	Godavari Institute Of Engineering & Technology (A)
9	GudisevaPrudhvi	Automobile	Godavari Institute Of Engineering & Technology (A)
10	GurramTarun	Automobile	Godavari Institute Of Engineering & Technology (A)
11	Kama SaiKarthek	Automobile	Godavari Institute Of Engineering & Technology (A)
12	Katta Mohan Surya Vamsi	Automobile	Godavari Institute Of Engineering & Technology (A)
13	NuluShanmukhaSrinivas Gupta	Automobile	Godavari Institute Of Engineering & Technology (A)
14	PeddintiBhanuSatya Prasad	Automobile	Godavari Institute Of Engineering & Technology (A)
15	ShaikArief	Automobile	Godavari Institute Of Engineering & Technology (A)
16	A Babji	Mechanical	Godavari Institute Of Engineering & Technology (A)
17	B sainadh	Mechanical	Godavari Institute Of Engineering & Technology (A)
18	S K Nayeem	Mechanical	Godavari Institute Of Engineering & Technology (A)
19	N V S G SasiKiran	Mechanical	Godavari Institute Of Engineering & Technology (A)
20	P V S SManeendra	Mechanical	Godavari Institute Of Engineering & Technology (A)
21	B Jogarao	Mechanical	Godavari Institute Of Engineering & Technology (A)
22	K Sreenivasareddy	Mechanical	Godavari Institute Of Engineering & Technology (A)
23	K Gowtami	Mechanical	Godavari Institute Of Engineering & Technology (A)

24	M HarikaChowdhary	Mechanical	Godavari Institute Of Engineering & Technology (A)
25	ImmadiSreekanth	Mechanical	Godavari Institute Of Engineering & Technology (A)
26	JakkiKailashSagar	Mechanical	Godavari Institute Of Engineering & Technology (A)
27	Kallakunta Ravi Teja	Mechanical	Godavari Institute Of Engineering & Technology (A)
28	KalvakolanuChaitanya Sri VenkataSairam	Mechanical	Godavari Institute Of Engineering & Technology (A)
29	KandabattuSandeepRaj u	Mechanical	Godavari Institute Of Engineering & Technology (A)
30	KapavarapuSaiTeja	Mechanical	Godavari Institute Of Engineering & Technology (A)
31	Kodali Anil	Mechanical	Godavari Institute Of Engineering & Technology (A)
32	AvupatiVenuMadhava	Mechanical	Godavari Institute Of Engineering & Technology (A)
33	BukkyaMahendraNaik	Mechanical	Godavari Institute Of Engineering & Technology (A)

Section 4

Schedule of the FDP : 14-03-2022 to 19-03-2022

Venue : Automobile department AK Block

	Session 1	Session 2
Date and Time	(Time : 10 AM- 11.00 AM)	(Time : 11.15 AM- 12.15 PM)

3-5-2021	Introduction to Electric Mobility, Policy, Guidelines, World scenario, Trends and	An overview of Vehicle to Grid (V2G) Technology.
4-5-2021	EMI/EMC in Electric Vehicles.	EMI/EMC in Electric Vehicles Challenges
5-5-2021	Multiphase power trains for Electric Vehicles	Multiphase power trains for Electric Vehicles
6-5-2021	Battery Technologies in Electric Vehicles (overview).	Battery Technologies in Electric Vehicles (overview)
7-5-2021	Battery Management System in Electric Vehicles	Battery Management System in Electric Vehicles
8-5-2021	Charging solutions for Electric Vehicles	Charging solutions for Electric Vehicles

Section 5

Dr.NarsaRaju Associate Professor B.V.C Engineering college (Odelarevu)

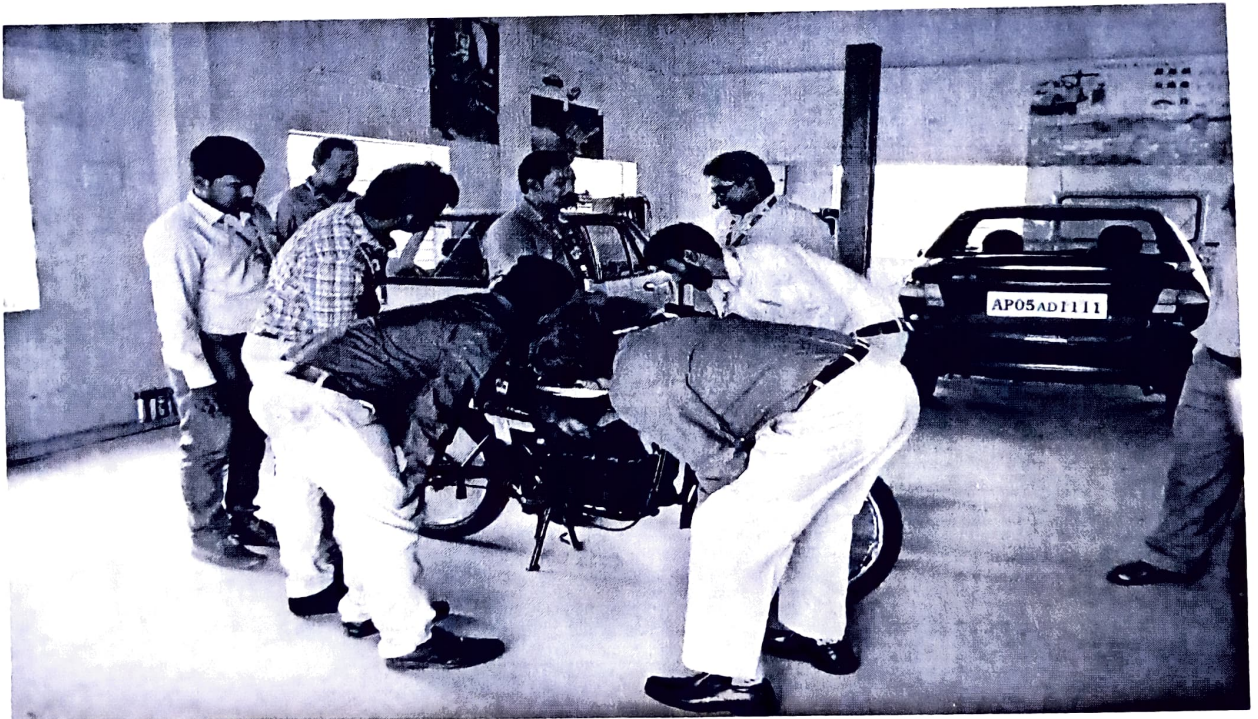
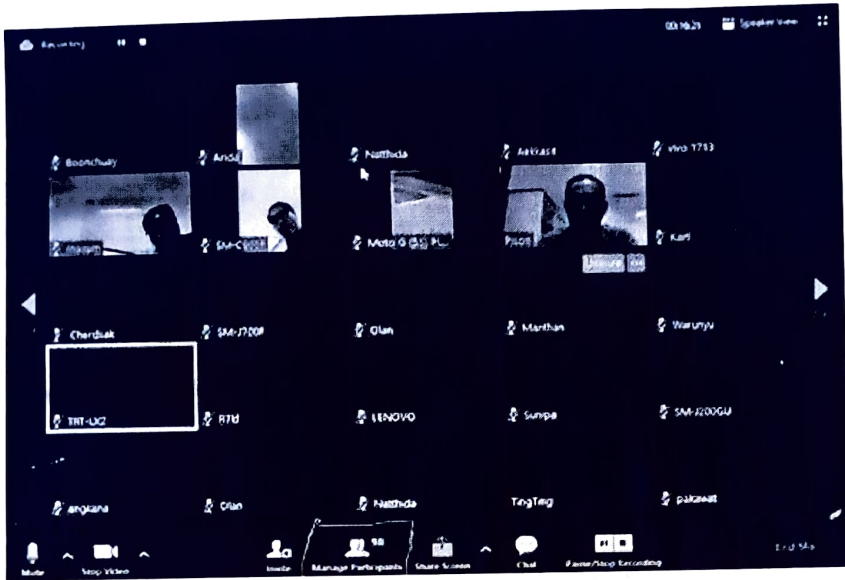
Mr.TGopi Krishna Aerial Manager Pure Energy Systems

Dr.LakshmanRaju Sri Sivani College of Engineering (Srikakulam)


Dr.P.Senthil Kumar (Madras Institute of Technology)

Section6

Photographs



One Week Online FDP on Recent Advancements on Electric Vehicles
 14-03-2022 to 19-03-2022



Organized by
DEPARTMENT OF AUTOMOBILE ENGINEERING
 Godavari

About the FDP
 The objective of the Faculty Development Program (FDP) is to provide the faculty members with the latest information on the latest developments in the field of Electric Vehicles. The FDP is a one-week program that will be held online from 14-03-2022 to 19-03-2022. The FDP is organized by the Department of Automobile Engineering, Godavari Institute of Engineering & Technology (A). The FDP is a one-week program that will be held online from 14-03-2022 to 19-03-2022. The FDP is organized by the Department of Automobile Engineering, Godavari Institute of Engineering & Technology (A).

Topics to be Covered

- Introduction to Electric Vehicle Policy
- Guidelines, Road Network, Trends and Challenges
- An overview of Vehicle to Grid (V2G) Technology
- EVs EVSE in Electric Vehicles
- Charging patterns for Electric Vehicles
- Multiple powertrains for Electric Vehicles
- Battery Technology in Electric Vehicle (overview)
- Battery Management System in Electric Vehicles

Chairpersons
 Dr. A. V. S. Srinivasulu Reddy
 Chairman, Godavari Institute of Engineering & Technology (A)

Chief Guest
 Dr. N. V. S. Srinivasulu Reddy
 Vice Chairman, Godavari Institute of Engineering & Technology (A)

Faculty
 Dr. P. Sankar Reddy
 General Manager, G I E T Group of Institutions
 Dr. T. S. Prasad
 Director, QA, G I E T Group of Institutions

Co-Chairman
 Dr. P. M. M. S. Sarma
 Dr. P. Sankar Reddy, HOD, Dept. of A.E.E.

Organizing Committee
 Dr. P. Sankar Reddy, HOD, Dept. of A.E.E.
 Dr. P. Sankar Reddy, HOD, Dept. of A.E.E.
 Dr. P. Sankar Reddy, HOD, Dept. of A.E.E.

Executive Patron
 The expert professional leading institutions. The details of the network partners are as follows:

Dr. N. V. S. Srinivasulu Reddy
 Dr. Lakshminarayana Srinivasulu Reddy
 Dr. P. Sankar Reddy
 Dr. P. Sankar Reddy

About
 The FDP is open to members of the participating and faculty of Mechanical, Automobile Production Departments from AICTE recognized Institutions, members from Industry and IITs Institutions.

How to Apply
 Directly click on the link given below and email the details mentioned in the Google form.

<https://forms.gle/BL6V2H7CQ97Pv6k>

CERTIFICATE OF PARTICIPATION

This is to certify that _____ from _____ has participated in a one week Online Faculty Development Program on "Electric Vehicles" Organized by the Department of Automobile Engineering from 14-03-2022 to 19-03-2022

Dr. V. Subrahmanyam
 H.O.D. A.M.E

Dr. P. M. M. S. Sarma
 PRINCIPAL

Section 7

Financial Layout

Date	Expert	Honorarium	TA	Dept	Memento & Shawl Etc	Accommodation	Venue of lecture	Remarks
12-02-2018	Dr.NarsaRaju Mr.TGopi Krishna Dr.Lakshman Raju Dr.P.Senthil Kumar	Rs.10000/-				No		No

Financial Support, if any (please provide proof) :

S No	Organisation / Individual	Fund Received	Remarks
1	-	No	No

Note-1: Event Budget formats should be used according to the need. Annuxere-1



Section 8

Annuxere-1 Event Budget for

<i>Expenses</i>				Estimated	Actual
Total Expenses					
Site	Estimated	Actual	Refreshments	Estimated	Actual
Room and hall fees			Food		0
Site staff			Drinks/Tea		0
Equipment			Total		0
Tables and chairs			Program	Estimated	Actual
Total			Speakers	10000	10000
Decorations	Estimated	Actual	Travel		
Flowers			Hotel		
Candles			Other		
Lighting			Total		10000
Balloons			Honorarium/Prizes	Estimated	Actual
Paper supplies			Honorarium		
Total			Memento & Shawl etc		
Publicity	Estimated	Actual	Prizes		
Graphics work			Total		
Photocopying/Printing			Miscellaneous	Estimated	Actual
Postage			Telephone		
Total			Transportation		
Stationery supplies					
Photos/Videos					



Concluding remarks on the Event:

“Report on Online Faculty Development Program on Additive Manufacturing by Department of AME during 3-5-2021 to 8-5-2021 to submitted.

Coordinator: Mr. V. Subrahmanyam and Head of the Department of AME

Head of the Department

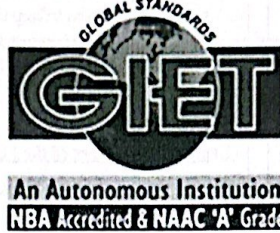
**Head of the Dept.
Automobile Engineering
GIET, RAJAHMUNDRY - A.P
INDIA - 533 296**

Signature



REPORT ON
“Applications of Remote Sensing & GIS in Civil Engineering”

Date:25-11-2021



Department Of Civil Engineering

**GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY
(AUTONOMOUS)**

Chaitanya Knowledge City, NH-16, Rajahmundry 533296, AP

Objective of the FDP

To impart knowledge on recent technological trends in the field of Civil Engineering for Faculty, Researchers, Students and Engineers

Who can attend?

The faculty members of the AICTE approved institutions, research scholars, PG Scholars, participants from Government, Industry (Bureaucrats/Technicians/Participants from Industry etc.) and staff of host institutions.

About the FDP

Civil engineering and its associated fields address social difficulties and make substantial contributions to infrastructure development. Rapid urbanization and rising public demand for essential services such as water, building infrastructure, transportation, and public and industrial sanitation have offered a challenge to civil engineers. The understanding of newest technology breakthroughs is extremely important in the context of the creation of cities with all contemporary amenities while taking into account sustainability. This faculty development programme focuses on topics such as (but not limited to) structural engineering, sustainable building materials, processes and water resources. The primary goal of this training programme is to allow policymakers, academicians, and researchers to share their experiences and expertise through presentations of fundamental/applied scientific advancements in the field of civil engineering

Objectives of the FDP

The objectives of the FDP are

- To provide assistance to facilitate up-gradation of practical knowledge and skill
- To provide the knowledge about various development in the area of civil engineering
- Provide a forum to keep themselves abreast of the emerging trends in Civil Engineering
- Create the culture of learning and self improvement

Learning Outcomes of the FDP

On completion of this FDP, participant will be able to:

- Understand the latest and advanced Remote sensing applications with reference to Civil Engineering Domain
- Make specific recommendation for future course of action to promote efficient & effective trends and technologies in Civil Engineering
- Enhance better teaching ability with respect to content and delivery in the area of Civil Engineering.

Registration Fee

Rs.500/- (Five Hundred Rupees only)

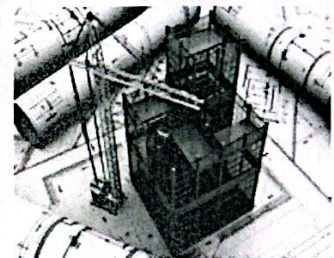
Registration Link

<https://meet.google.com/kes-scjw-vry>

Last Date for Online registration

- Nov 14, 2021 – 12 Noon

A
Five day Online FACULTY
DEVELOPMENT
PROGRAMME
On
"Applications of Remote
Sensing & GIS in Civil
Engineering"
(Nov 15 – Nov 19, 2021)



Convener.

Dr.D.Venkateswarlu
Organized by
Dept. of Civil Engineering



An Autonomous Institution
NBA Accredited & NAAC 'A'
Godavari Institute of Engineering &
Technology (AUTONOMOUS)
(Recognized by AICTE, New Delhi, Affiliated to JNTUK, Hyderabad)

NH-16, Chaitanya Nagar, Rajahmundry-533296, AP
Ph: +91-883-2484828-31, Fax: +91-883-2484739
Website: <http://www.giet.ac.in>

**GODAVARI INSTITUTE OF ENGINEERING AND TECHNOLOGY (AUTONOMOUS)
NH-16, Chaitanya Knowledge City, Rajahmundry – 533296**

File No: GIER/CE/

Date: 09-11-2021

CIRCULAR

**Subject: A One Week FDP on " Applications of Remote Sensing & GIS in Civil Engineering "
Reg....**

In view of department development activities, the department of Civil Engineering is organizing Faculty development programme for One week on "Applications of Remote Sensing & GIS in Civil Engineering" from 15.11.2021 to 19.11.2021. All the Dept HOD's and Faculty of GIET (A) are requested to attend this Event and make it grand success.



HOD-CE

To

All HOD's

Copy to Principal/Vice Principals/Directors/Deans/Controller of Examinations/Library

All Notice boards

File

Page 3 of 8

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Section	Description	Page No
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2	List of Participating Institutions/ Departments/Offices	5
3	Model certificate	5
4	List of Participants	6
5	Schedule of the Event	7
6	List of Resource Persons	7
7	Photos	7

Brief Report of the Event : FDP for One week on "Applications of Remote Sensing & GIS in Civil Engineering"
Background : In regard to Applications of remote sensing in Civil Industry perspective an event is organized
Objectives of the program : To inculcate the latest aspects of Industry
Organization of Event : from 15.11.2021 to 19.11.2021
For whom : Faculty
Topics to be covered : Technology aspects related to infrastructure
Organizing team : Department of Civil Engineering

Section 2

List of Participating Institutions/ Departments/Offices: All Faculty of GIET (A)

Section 3

Model Certificate




GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY(A)


Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada
Rajamahendravaram, A.P., INDIA, PIN: 533296, www.giet.ac.in

CERTIFICATE OF PARTICIPATION

This is to certify thathas successfully completed the one week faculty development program on "Applications of Remote Sensing & GIS in Civil Engineering" held from 15/11/2021 to 19/11/2021 organized by the Department of Civil Engineering.


HOD-CE




Principal



Section 4

List of Participants

Department / Institute:

List of participants

S.NO	Name of the Faculty	Designation
1	Dr. D Venkateswarulu	PROF& HOD
2	Mr. M Satish	Assistant Professor
3	Mr.A Sai Kumar	Assistant Professor
4	Mr. K Gopi Shankar	Assistant Professor
5	Ms. J L Sudha	Assistant Professor
6	Mr. A Rajendra	Assistant Professor
7	Mr. P Subba Rao	Assistant Professor
8	Mr. P Venkata rao	Assistant Professor
9	Mr. P Ravi Kishore	Assistant Professor
10	Mr. S Vamsi Krishna	Assistant Professor
11	Mr. P Praveen	Associate Professor
12	Mr. K Karthik	Assistant Professor
13	Mr. G Ram Teja	Associate Professor
14	Mr.G Dinesh	Assistant Professor
15	Mr.N Bhasakasr Rao	Assistant Professor
16	Mr.M Maheshawa Rao	Assistant Professor
17	Mr.D Suman	Assistant Professor
18	Mr. I. Aravind	Assistant Professor
19	Mr. K. Srinivasa Rao	Assistant Professor
20	Mr. Sandip Swarnakar	Assistant Professor
21	Mr. K. Gowthami	Assistant Professor
22	Mr. J. Veera Babu	Assistant Professor
23	Mr. O. Agnihothra Sarma	Assistant Professor
24	Mr. T. Narender	Assistant Professor
25	Mr. G. Venkateswara Rao	Assistant Professor
26	Mr. K SEETARAMA RAJU	Assistant Professor
27	Mr. D GOWRI SANKARA RAO	Assistant Professor
28	Mr. PSS SUNDHAR	Assistant Professor
29	Mr. K.SIMHADRI	Assistant Professor
30	Mr. R.NANDA	Assistant Professor

Schedule of the Event

Venue: Online-Google meet

<https://meet.google.com/kes-scjw-yry>

Department of Civil Engineering,

Day and Date : Daily schedule from 15-11-2021 to 19-11-2021

Time	Topic	Resource Person
10:00	Welcome note	Mr. AMN Kashyap
10:15-12:30	Lecture by	Dr. M Rama Rao
12:30-1:30	Lunch Break	
1:30 - 3:00	Lecture by	Dr. M Madhan
3:00 - 4:00	Lecture by	Er.S Nageswararao

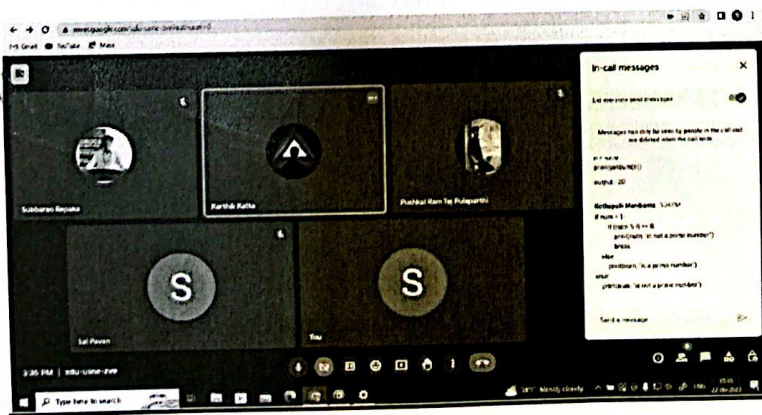
Section 6

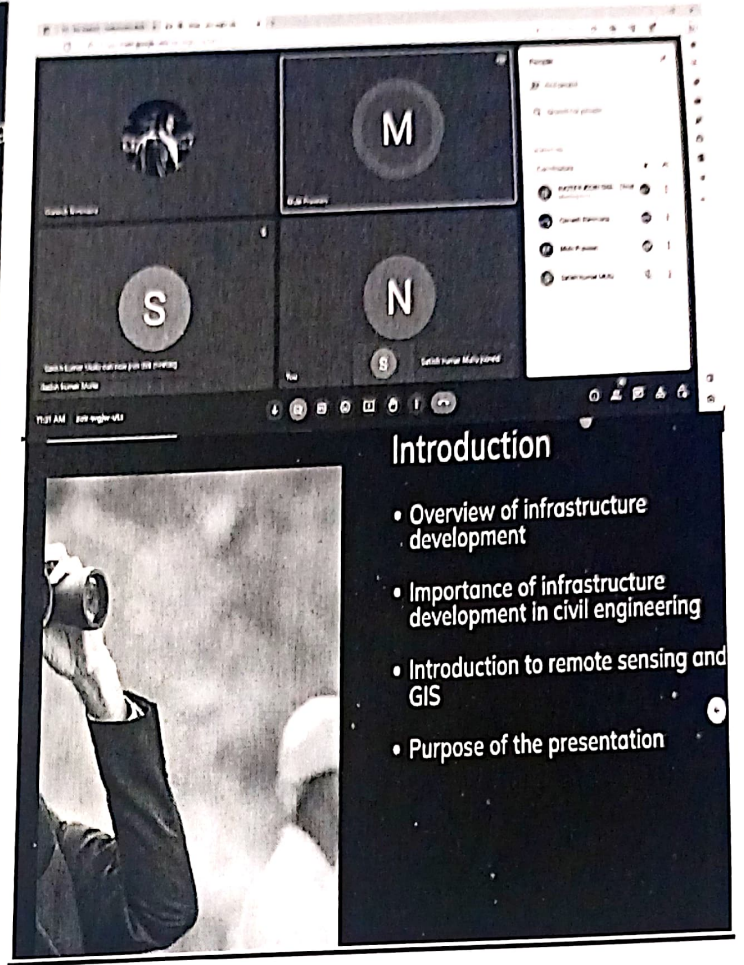
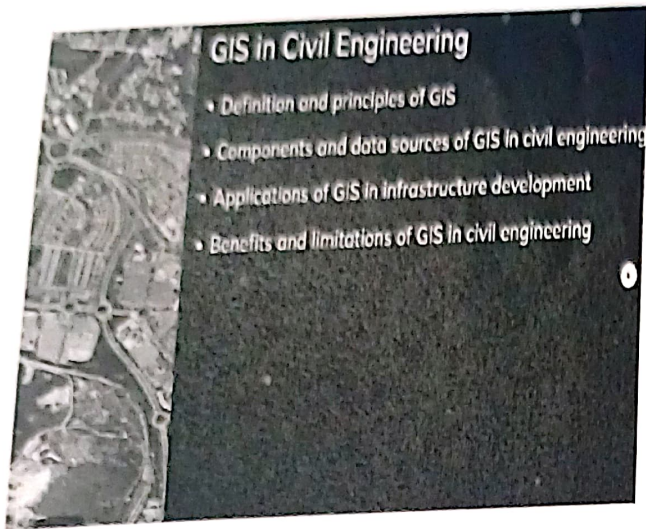
List of Resource Persons

External resource persons- Dr. M Rama Rao, Professor-Sasi Engineering College
 Dr. M Madhan, Professor-BVC Engineering College
 Er.S Nageswararao, Rtd Engineer-polavaram

Section 7

Event Photos





Concluding remarks on the Event.

“Report on Online Faculty development programme on Applications of Remote Sensing & GIS in Civil Engineering by Department of Civil Engineering Submitted on 25-11- 2021

Amal Kumar
Coordinator 25/11/21

Signature with date

Head of the Department
AMR 25/11/2021
Signature with date

Head of the Department
CIVIL ENGINEERING
GODAVARI INSTITUTE OF
ENGINEERING & TECHNOLOGY (A)
RAJAHMUNDRY-533 296



Godavari Institute of Engineering & Technology (A) DP-71

REPORT ON

Faculty Development Program on Amazon Web Services

Date (s): 09-08-2021 to 13-08-2021



Department of Computer Science & Engineering

**GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY
(AUTONOMOUS)**

Chaitanya Knowledge City, NH-16, Rajahmundry 533296, AP

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Section 1

Background

: Faculty Development Program on Amazon Web Services

The Faculty Development Program (FDP) on AWS, organized by GIET(A) program was designed exclusively for college faculty and aimed to empower educators with the knowledge and skills necessary to effectively harness the power of AWS cloud computing services in their teaching methodologies. By doing so, it aimed to equip students with the practical skills required to excel in the digital era.

Objectives of the program :

- To explore knowledge on Amazon Web Services to the faculty.
- This course is for a candidate who wants to learn Amazon Web Services and work.

Organization of Event

: Godavari Institute of Engineering & Technology (A)

For whom

: Faculty

Topics to be covered

: AWS

Organizing team

: Dept. of Computer Science & Engineering, GIET(A)



Godavari Institute of Engineering & Technology (A) DP-71

About the Institution

Godavari Institute of Engineering & Technology (GIET) was established in 1998 to offer engineering education of world-class standards. Over the years, the Institute has come a long way to gain a place of repute and a preferred destination for quality engineering education marking it as the best engineering colleges in Andhra Pradesh. Located in the serene and sylvan suburbs of Chaitanya Nagar, Rajahmundry on NH-16, the sprawling 300-acre campus of GIET campus reflects the finest educational facilities around. The state-of-the-art structure set amid idyllic setting ensures a most congenial atmosphere for scholastic pursuit in right earnest. An ISO-certified, NBA-accredited and NAAC-A+ Grade accredited institution, GIET has many distinctions to its credit.

About the Department

The Department of Computer Science and Engineering was established in the year 1998, since inception of the Institute. It was started with B.Tech. (CSE) programme with an intake of 60 and it has grown by leaps and bounds over the last two decades with an intake increased to 180 by the year 2020. Since the Academic Year 2020-2021, B.Tech programmes for two new specializations in Artificial Intelligence and Machine Learning (AI & ML) and Cyber Security (CS) were introduced with an intake of 60 each.

Vision of the Department

To be a centre of academic excellence in the field of computer science and engineering education and research, to serve as a valuable resource for industry and society, maintaining the traditions and human values.

Mission of the Department

M-1: Providing the quality education to meet the need of profession.

M-2: Establishing Industry Institute Interaction program to enhance the entrepreneurship skills.

M-3: Providing exposure of latest tools and technologies in the area of engineering and technology.

M-4: Sensitization towards the importance of ethical practice, societal responsibility, leadership, communication and lifelong learning professional behaviour and good ethical values to improve the leadership skills and social responsibilities.

About the FDP

This program provides an overview of Amazon Web Series. This website lists workshops created by the team at Amazon Web Services (AWS). Workshops are hands-on events designed to teach or introduce practical skills, techniques, or concepts which you can use to solve business problems. You can filter by topic using the toolbar above.

Topics covered

Day 1: Introduction of Aws, advantages of cloud computing.

Types Of Cloud Implementation , Creation Of EC2 Instance

Day 2: Connecting EC2 Instance using putty tool: How To Create Ubuntu Instance , Website Replacing Template for the IP address

Mr. Surekha K S

Day 3: Creation of VPC : Creation Of Elastic block Stores, Elastic IP

Mr. Sakthivel Manickam

Day 4: Creation of S3 Bucket: Types Of Storage classes in The cloud

Mrs. Yaswini Surabi

Day 5: Static Website Hosting , Creation Of Database Types: Storage Auto sScaling , Load Balance

Mr. Surekha K S



CHIEF PATRONS

Sri KV VS Raju
Chairman and Managing Director

PATRON

Sri Ravi Kiran Varma Kalidindi

Managing director KDMS

Sri Sai Kiran Varma Kalidindi

Managing director Chaitanya group

Dr. P. Subba Raju

General manager, Chaitanya group

CONVENER

Dr. B. Sujatha

Professor & HOD

Department of Computer Science and Engineering.

FDP COORDINATORS

K.V.K. Sasi Kanth, Assistant Professor

Department of Computer Science and Engineering.



GODAVARI INSTITUTE OF
ENGINEERING & TECHNOLOGY
(An Autonomous Institution)

Department of
Computer Science and Engineering

Organizes
Online Faculty Development Program
on



Amazon Web Series

09-13 Aug 2021

Registration Fee : Rs. 500

Certification:
Participation certificate will be issued to those participant who have a minimum 80% attendance

Registration:
No Registration Fee
Registration to be done on or before 02/08/2021

For Queries: 888668242 For Registration

9866383601 <http://bit.ly/41vPvrc>

Section 2

List of Participating Institutions/ Departments/Offices:

1. Godavari Institute of Engineering & Technology (A), Rajamahendravaram
2. GIET Engineering College, Rajamahendravaram
3. Pragati Engineering College (A), Surampalem
4. Gudlavalleru Engineering College, Surampalem
5. Ideal Institute of technology, Kakinada.

Section 3

List of Participants : 45 Faculty from various colleges.

SI.No	Name of the Faculty	Designation	Department	Institute	Email
1	NEELI GOWRI SREELAKSHMI	ASSISTANT PROFESSOR	CSE	GODAVARI INSTITUTE OF ENGINEERING AND TECHNOLOGY (AUTONOMOUS)	srilakshmi@giet.ac.in
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45	DR.R.TAMIL KODI	PROFESSOR	AIML	GODAVARI INSTITUTE OF ENGINEERING AND TECHNOLOGY (AUTONOMOUS)	hod.aiml@giet.ac.in

Section 4

Schedule of the FDP : 5 days (09-08-2021 to 13-08-2021)

Venue :

https://www.youtube.com/watch?v=I9P1viap4H0&ab_channel=BRAINVISIONSOLUTIONSI
NDPVT LTD (Online)

DATE	TIME	ACTIVITY
09-Aug-2021	10:00 AM to 10:05 AM	Praye Song
09-Aug-2021	10:05 PM to 10:08 PM	Program Introduction
09-Aug-2021	10:08 PM to 10:13 PM	Introduction about colleges
09-Aug-2021	10:13 PM to 10:18 PM	About Brainovision
09-Aug-2021	06:47 PM to 06:50 PM	About AICTE & Chief Guest
09-Aug-2021	06:50 PM to 07:05 PM	Chief Guest Speech
09-Aug-2021	07:05 PM to 07:15 PM	Brainovision CEO Speech
09-Aug-2021	07:15 PM to 07:18 PM	Instructions of FDP
09-Aug-2021	07:18 PM to 07:20 PM	About Resource person
09-Aug-2021	07:20 PM to 08:15 PM	Amazon Web Services Introduction Session
10-Aug-2021	06:30 PM to 07:45 PM	Ec2 intro, launching windows instance
10-Aug-2021	07:45 PM to 08:00 PM	Doubts & Feedback Form filling process
11-Aug-2021	06:30 PM to 07:45 PM	launching Linux and how to launch with single security group multiple instances
11-Aug-2021	07:45 PM to 08:00 PM	Doubts & Feedback Form filling process



AUTONOMOUS
NAAC 'A+' INSTITUTION

Godavari Institute of Engineering & Technology (A) DP-71

12-Aug-2021	06:30 PM to 07:45 PM	Launching web server both automatically and manually
12-Aug-2021	07:45 PM to 08:00 PM	Doubts & Feedback Form filling process
12-Aug-2021	06:30 PM to 07:45 PM	ELB & ASG
12-Aug-2021	07:45 PM to 08:00 PM	Doubts & Feedback Form filling process
13-Aug-2021	06:30 PM to 07:30 PM	EC2 and EBS options
13-Aug-2021	07:30 PM to 07:35 PM	Doubts & Feedback Form filling process
13-Aug-2021	07:35 PM to 07:38 PM	Vote of thanks by Trainer
13-Aug-2021	07:38 PM to 07:45 PM	Vote of thanks by CEO Brainovision
13-Aug-2021	07:45 PM to 08:15 PM	Feedback/ Vote of thanks from Faculties

Section 5

List of Resource Persons/ team members
1. Mr. Surekha K S, APSSDC, Andhra Pradesh Surekaks23@gmail.com
2. Mr. Sakthivel Manickkam, APSSDC, Andhra Pradesh Sakthivaelmanickkamyour@gmail.com
3. Mrs. Yasaswi Surabi, APSSDC, Andhra Pradesh Yasawisurabiap1990@gmail.com

Section 6

https://www.youtube.com/watch?v=I9P1vup4H0

YouTube

Search

How to Create AWS Free Tier Account in Telugu || AWS Tutorials

NATIONAL LEVEL FDP ON AWS DAY 3

BRAINOVI...
17.5K

Subscribed

268

Share

Top chat replay

- Krishna Reddy feedback link
- EEE HOD thank u mam
- Technical Code share feedback link
- Dept. of CSE, KEC Feedback Link is available in description
- raghuraman k koteeswaran v fb link forwarded in telegram group
- VENKATASUBRAMANIAN GANAPATHY They are not accepting RuPay Card and other cards,
- Manisha Palwal thankyou ma'am
- ELAVARASI K where we have to see in description
- nenu jose no such feedback link in description box
- santha sheela please the link from telegram
- Jaya Rodda Thank you mam
- Rajesh Tiwari Thank you Mam, Informative Session.

https://www.youtube.com/watch?v=I9P1vup4H0

YouTube

Search

Amazon EC2 Management Console

Name	Instance ID	Instance state	Instance type	Status check	Alarm status
Linux Inst 1	i-01234567890123456	Running	t3.micro	OK	No alarms
Linux Inst 2	i-01234567890123456	Running	t3.micro	OK	No alarms

NATIONAL LEVEL FDP ON AWS DAY 3

BRAINOVI...
17.5K

Subscribed

268

Share

Top chat replay

- Dr Himanshu SPORTS PHYSIO Good evening
- raghuraman.k koteeswaran.v putty
- Kundan B Putty
- Jagadeesh kumar s
- Subhrajit Sahoo good evening
- rameeza rameeza Good evening to all
- Shanthi Subramaniam good evening
- Dr.Jameel S.A. Good Evening
- Jagadeesh kumar Putty
- DR. AYUSH KUMAR AGRAWAL ayush Kumar Agrawal
- Poonam Dhole putty Private Key
- arifa jan what is todays topic
- Sandipan Chakravorty ok

Section 7
Financial Layout

Date	Expert	Honorarium	TA	Dept	Memento & Shawl Etc	Accommodation	Venue of lecture	Remarks
Aug 09, 2021	Mr. Surekha K S Mr. Sakthivel Manickam Mrs. Ysaswi Surabi	Rs.15000/-				No		No

Financial Support, if any (please provide proof) :

S No	Organisation / Individual	Fund Received	Remarks
1	-	No	No

Note-1: Event Budget formats should be used according to the need. Annuxere-1

Section 8

Annuxere-1 Event Budget for		FDP on Source Code Management Using Git & GitHub			
Expenses					
Total Expenses				Estimated	Actual
Site	Estimated	Actual	Refreshments	Estimated	Actual
Room and hall fees			Food		0
Site staff			Drinks/Tea		0
Equipment			Total		0
Tables and chairs			Program	Estimated	Actual
Total			Speakers	15000	15000
Decorations	Estimated	Actual	Travel		
Flowers			Hotel		
Candles			Other		
Lighting			Total		15000
Balloons			Honorarium/Prizes	Estimated	Actual
Paper supplies			Honorarium		
Total			Memento & Shawl etc		
Publicity	Estimated	Actual	Prizes		
Graphics work			Total		
Photocopying/Printing			Miscellaneous	Estimated	Actual
Postage			Telephone		
Total			Transportation		
Stationery supplies					
Photos/Videos					
Total					0
Income					
			Estimated	Actual	
Total Income	Rs.20000/-		-	Rs. 20000/-	
Registration fee, if					

<i>any</i>				
Estimated	Actual		Estimated	Actual
40	40	External Participants		

<i>Ads in program/Journal/proceedings</i>				
Estimated	Actual		Estimated	Actual
		Covers		
		Half-pages		
		Quarter-pages		

<i>Exhibitors/vendors</i>				
Estimated	Actual		Estimated	Actual
		Large booths/stall		
		Med. booths/stall		
		Small booths/stall		

<i>Sale of items</i>				
Estimated	Actual		Estimated	Actual
		Items		
		Items		
		Items		
		Items		



Godavari Institute of Engineering & Technology (A) DP-71



GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY

(AUTONOMOUS)

NH-16, Chaitanya Knowledge City, Rajanagaram, Rajamahendravaram-533296, AP, INDIA
Affiliated to JNTUK-Kakinada, Approved by AICTE, Accredited by NAAC A+, www.giet.ac.in

CERTIFICATE OF PARTICIPATION

This acknowledges that

XXXNAMEXXX

from XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX, XXXXXXXXXXXXX, has successfully completed the online Faculty Development Program on 'Amazon Web Services' conducted by the Department of Computer Science & Engineering, Godavari Institute of Engineering & Technology(Autonomous), during August 09-13, 2021.

Vijayalakshmi

Convener/HOD

[Signature]
Principal

Date: 13-08-2021



Godavari Institute of Engineering & Technology (A) DP-71

Concluding remarks on the Event:

“Report on FDP on Amazon Web Services being organized by Department of CSE during 09 –08-2021 to 13-08-2021 submitted.

Coordinator: Mr. KVK Sasi kanth, Assistant Professor, Department of CSE

Signature with Date

Head of the Department: Dr. B.Sujatha Professor, Dept. of CSE

Head of the Department
Signature with Date
Computer Science & Engineering
Godavari Institute of Engineering & Technology (A)
H-16, Chaitanya Knowledge City,
MAHENDRAVARAM, A.P. India, 520002

Note-2: The organising Departments/Offices/ Sections are requested to use this format with liberty to modify as per the need.

REPORT ON
A
FIVE-DAY ONLINE FACULTY DEVELOPMENT
PROGRAMME

On
“Smart Grid Technologies and Renewable Energy
Integration”

Date: 25th OCTOBER 2021 to 29th OCTOBER 2021



DEPARTMENT OF ELECTRICAL & ELECTRONICS
ENGINEERING

GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY
(AUTONOMOUS)

Chaitanya Knowledge City, NH-16, Rajahmundry 533296, A.P.

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2	List of Participating students/ Department	5
3	Schedule of the Event	14
4	List of Resource Persons	14
5	Photographs	17

Section 1

Brief Report of the Event [**FIVE-DAY ONLINE FACULTY DEVELOPMENT PROGRAMME On “Smart Grid Technologies and Renewable Energy Integration”**]

The integration of renewable energy sources into traditional power grids has become a crucial focus in the energy sector due to the growing need for sustainable and environmentally friendly energy solutions. Smart grid technologies play a significant role in facilitating this integration by incorporating advanced digital communication and control systems into the power grid infrastructure.

Smart grid technologies encompass various components, such as Advanced Metering Infrastructure (AMI) for real-time monitoring and data collection, Distributed Energy Resources (DERs) like solar panels and energy storage, Demand Response (DR) programs to manage peak demand, and energy storage systems to store surplus renewable energy.

Despite the benefits of renewable energy, there are challenges to its integration, such as intermittency, grid balancing, and infrastructure upgrades. Smart grid technologies address these challenges by enabling better grid management, flexibility, and stability. Real-time monitoring and control allow grid operators to manage renewable energy fluctuations efficiently, while energy storage systems help store excess energy for times of low generation.

By deploying smart grid technologies, countries like Germany and states like California in the USA have successfully integrated a significant share of renewable energy into their grids, showcasing the positive impact of these technologies.

Topics Include

1. Introduction to Smart Grid Technologies
2. Smart Grid and Microgrid Interaction
3. Future Trends in Smart Grid and Renewable Energy
4. Energy Storage Systems (ESS)
5. Grid Modernization and Infrastructure Upgrades

Objective of the FDP

To impart knowledge on artificial intelligence and its application in the field of advanced power systems for Electrical Engineers.

Who can attend?

The faculty members of the AICTE approved institutions, research scholars, PG Scholars, participants from Government, Industry (Bureaucrats/Technicians/Participants from Industry etc.) and staff of host institutions.

About the FDP

Electricity consumption in Indian homes has tripled since 2000. The percentage of households with access to electricity has increased from 55% in 2001 to more than 85% in 2019. A deep dive towards advanced power system operation and control is the current topic of research. Artificial Intelligence techniques along with the analytical techniques can significantly contribute in the solution of the related problems. Expert systems, artificial neural networks, fuzzy systems, evolutionary programming, and other artificial intelligence methods have been proposed for advanced power system applications. This FDP will impart knowledge on power system operation and control using artificial intelligence. Overall, this FDP will serve to be a great platform for faculty and researchers to upgrade their knowledge in the area of AI applications in advanced power systems.

Invited Experts

All the experts who are invited as resource persons belong to IITs and NITs of various states and other reputed MNCs.

Topics Include

1. Introduction to Smart Grid Technologies
2. Smart Grid and Microgrid Interaction
3. Future Trends in Smart Grid and Renewable Energy
4. Energy Storage Systems (ESS)
5. Grid Modernization and Infrastructure Upgrades

How to register?

A DD of Rs. 500 is to be taken in favour of The Principal, Godavari Institute of Engineering and Technology (Autonomous. Registration form (Filled and duly signed) should be sent along with the DD to The HOD, Department of EEE, Godavari Institute of Engineering & Technology (AUTONOMOUS), NH-16, Chaitanya Nagar, Rajahmundry-533296, Andhra Pradesh.

Last date for registration: **15th October 2021**

Contact details

Dr. D. Ravi Kishore - 8886668239

Professor & HOD, Dept. of EEE

Dr. B. Kavya Santhoshi - 9884887092

Asst Professor, Dept. of EEE

Accommodation

Accommodation will be provided on chargeable basis on prior request in the institute. The participants will not be paid any TA/DA. Course materials, working lunch and refreshments will be provided.

A
Five-day Online Faculty Development
Programme
On
"Smart Grid Technologies and
Renewable Energy Integration"
(October 25 – October 29, 2021)



Convenor

Dr.D.Ravi Kishore

Organized by

Dept. of Electrical & Electronics Engineering



Godavari Institute of Engineering & Technology (AUTONOMOUS)

(Recognized by AICTE, New Delhi, Affiliated to JNTUK, Kakinada)

NH-16, Chaitanya Nagar, Rajahmundry-533296, AP

Ph: +91-883-2484828-31, Fax: +91-883-2484739

Website: <http://www.giet.ac.in>

About the Institute

Godavari Institute of Engineering & Technology' (GIET) was established in the year 1998 to offer engineering education of world-class standards, located in the serene and sylvan suburbs of Chaitanya Knowledge City, Rajahmundry on NH-16, the sprawling 300-acres of GIET campus reflects the finest educational facilities around. GIET is an autonomous institution, accredited by NAAC 'A' Grade with CGPA 3.37. GIET is also recognized by the University Grants Commission (UGC) u/sec. 2(f) and 12(B) and permanently affiliated to Jawaharlal Nehru Technological University Kakinada (JNTUK). GIET is having PIO/Foreign National Status. GIET has signed MoUs with Foreign Universities of UK, USA and Canada for faculty/student exchange programs, dual degree programs and for joint research. GIET ranked in India Rankings 2019 in Rank-band 151-200. University Grants Commission (UGC) approved GIET under the scheme of 'Paramarsh' for mentoring NAAC Accreditation Aspirant Institutions to promote Quality Assurance in Higher Education. For the last two and a half decades, the GIET Institutions gain a place of repute in India and abroad and a preferred destination for quality Engineering, Management, Pharmacy, Arts & Science education in Diploma, UG & PG levels. Institute is offering 7 UG programmes in engineering, 10 PG programmes in M.Tech, MBA, MCA. It offers the best practical exposure to students to meet the industry requirements.

About the Department

The Department of Electrical & Electronics Engineering offers UG with intake 120 and PG programme in specialization of Power Systems High Voltage Engineering with intake of 36.

The departments has well talented, qualified, experienced and dynamic faculty along with skilled technical supporting staff who spearhead the process of achieving the vision of the departments. The department has IIT & MIT video lectures, and internet leased line with speed of 20Mbps, d well equipped labs & infrastructure. A good number of students are being placed through campus placements in both core MNC companies as well as public sector units every year. They are trained to meet the industry standards on completion of the course.

Registration form

All the applicants should register in the online link given below.

<https://docs.google.com/forms/d/e/1FAIpQLSeI8>

CHIEF PATRON

DR. KVV SATYANARAYANA RAJU

Chairman, Chaitanya Group

PATRONS

Sri Ravi Kiran Varma Kalidindi

Managing Director, KIMS

Sri Sasi Kiran Varma Kalidindi

Managing Director, Chaitanya Group

Smt. K.V.V.Lakshmi Kalidindi

Executive Director, Chaitanya Group

Dr.P. Subba Raju

General Manager, Chaitanya Group

CHAIRMAN

Dr. P.M.M.S. Sarma

Principal, GIET

CONVENER

Dr. D. Ravi Kishore

Professor & Head, Department of EEE

COORDINATOR

Dr. B. Kavya Santhoshi,

Asst. Prof. Dept. of EEE

ORGANIZING COMMITTEE:

Mr. T Amar Kiran

Dr. V. Suresh

Mr. K. Siva Prasad

Mr. Ch. Siva Ganesh

Mrs. K. Saritha

Mr. A. Sudheer Kumar

Mr. S. Bala Raju

Ms. K. Aruna

Mr. Y. Anand Kumar

Mrs. K. Gowthami

Mrs. K. Sravani

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Mr. A. Sudheer Kumar

Mr .S. Bala Raju

Ms. K. Aruna

Mr. Y. Anand Kumar

Mrs. K. Gowthami

Mrs. K. Sravani

To acquire good knowledge towards Research and development of our college EEE faculty, conducted the above said FDP.

Organizing team: Department of Electrical and Electronics Engineering, GIET (A)

Section 2:

List of participants:

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90	M.Jyothsnadevi	jyothsnadevi.m@svcolleges.edu.in	9.653E+09	ASSISTANT PROFESSOR	S V Engineering college
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92	Sudheer KETHAMREDDY	sudheerk_115@nbkrist.org	9.17E+11	ASSISTANT PROFESSOR	Nbkrist
93	P. Dhana selvi	dhanaselvi.nbkrist@gmail.com	9.985E+09	ASSISTANT PROFESSOR	NBKRIST
94	J Charishma	charishmaj@nbkrist.org	8.126E+09	ASSISTANT PROFESSOR	NBKR Institute of Science and Technology

95	SDS Bhagyamma	bhagya.eee@nbkrist.org	9.441E+09	ASSISTANT PROFESSOR	NBKRIST
96	N.Venu Babu	venubabu@mictech.ac.in	7.383E+09	ASSISTANT PROFESSOR	DVR &DR.HS MIC COLLEGE OF TECHNOLOGY
97	Kommuri Harinath Reddy	harinathreddyks@gmail.com	9.913E+09	ASSISTANT PROFESSOR	Annamacharya Institute Of Technology And Sciences
98	RUDROJU SHIVAKUMAR	shivakumarjits@gmail.com	9.909E+09	ASSISTANT PROFESSOR	JYOTHISHMATHI INSTITUTE OF TECHNOLOGY AND SCIENCE
99	TUMMALAPENTA SIVARAM	tsivaram.8143@gmail.com	9.653E+09	ASSISTANT PROFESSOR	Malla Reddy Engineering college and Management Sciences
100	Kavya	moonnoomdat@gmail.com	9.493E+09	RESEARCH SCHOLAR	Svu
101	MR. JAGDISH PITAMBAR DHOLWANI	jagdishdholwani@gmail.com	8.857E+09	RESEARCH SCHOLAR	NATIONAL INSTITUTE OF TECHNOLOGY SILCHAR ASSAM
102	RAPELLI BHAGYAREKHA	rapellirekha44@gmail.com	9.95E+09	ASSISTANT PROFESSOR	Jyothishmathi institute of technology and science
103	KALLEM SRUJAN KUMAR	Srujanreddy251@gmail.com	9.986E+09	ASSISTANT PROFESSOR	JYOTHISHMATHI INSTITUTE OF TECHNOLOGY AND SCIENCE
104	Chandaboina Pavan Kumar	chandaboinapavankumar@gmail.com	9.495E+09	ASSISTANT PROFESSOR	Jyothishmathi institute of technology & science
105	Narsaiah Kundhuri	k.nari214@gmail.com	9.619E+09	ASSISTANT PROFESSOR	Jyothishmathi Institute of Technology and Science
106	Girish Dombar	dg.girish11@gmail.com	9.845E+09	ASSISTANT PROFESSOR	MEI POLYTECHNIC BANGALORE
107	T.Aparna	aparna.thorthi@gmail.com	9.642E+09	ASSISTANT PROFESSOR	Jyothishmathi institute of technology and science
108	NAYINI APARNA	aparnaprashanthreddy@gmail.com	8.144E+09	ASSISTANT PROFESSOR	Jyothishmathi Institute Of Technology&Science
109	Shaik Farzana	ls.fara1034@gmail.com	9.85E+09	ASSISTANT PROFESSOR	Ashoka Women's Engineering College
110	Dr.P PRADEEP	pradeeppanthagani.86@gmail.com	9.966E+09	ASSOCIATE	DVR &Dr HS MIC

				PROFESSOR	COLLEGE OF TECHNOLOGY
111	B. Divya Thejeswini	b.divyatejaswini@gmail.com	8.5E+09	ASSISTANT PROFESSOR	Ashoks Women's Engineering College
112	Dr.B.K.KARUNAKAR RAO	kannib@gmail.com	8.791E+09	ASSOCIATE PROFESSOR	DVR & Dr.HS MIC College of Technology
113	Shasidhar Rumalla	shasidhar@ashokacollege.in	9.114E+09	ASSISTANT PROFESSOR	Ashoka Women's Engineering College
114	Polu Veeraraghava Reddy	polu240@gmail.com	9.908E+09	ASSISTANT PROFESSOR	Tkr college of Engineering and Technology
115	Rapakasoujanya	rapakasoujanya1221@gmail.com	8.18E+09	ASSISTANT PROFESSOR	Jyothishmathi institute of technology and science
116	D Juliebersiyal	juliemagy98@gmail.com	8.94E+09	ASSISTANT PROFESSOR	Sethu Institute of Technology
117	C DINAKARAN	dinakarannrcm@gmail.com	9.702E+09	ASSISTANT PROFESSOR	Narsimha Reddy Engineering College
118	Swati Sagar Bhoir	swatisagarbhoir@gmail.com	9.58E+09	ASSISTANT PROFESSOR	Atma Malik Institute of Technology and Research Mohili-Aghai shahapur
119	Mrs.Uma Maheswari.G	jeevau451@gmail.com	9.444E+09	ASSOCIATE PROFESSOR	Paavai Engineering College
120	Geetha R	geethara34@gmail.com	9.19E+11	ASSISTANT PROFESSOR	Williams international college
121	R.KARTHIKEYAN	ayyagod08@gmail.com	6.382E+09	ASSISTANT PROFESSOR	Amirta College Of Engineering and Technology, Nagarcoil
122	SOMASUNDARAM. A	somasundaram4ever@gmail.com	9.945E+09	ASSISTANT PROFESSOR	St.Mother Theresa Engineering College
123	MR. JAGDISH PITAMBAR DHOLWANI	jagdishdholwani@gmail.com	8.857E+09	RESEARCH SCHOLAR	NATIONAL INSTITUTE OF TECHNOLOGY SILCHAR ASSAM
124	B ROHINI	bjnroh@gmail.com	9.676E+09	ASSISTANT PROFESSOR	G Pulla Reddy Engineering College Autonomous
125	Minakhi Behera	mbeheraee@outr.ac.in	8.896E+09	ASSISTANT PROFESSOR	Odisha University of Technology and Research
126	Sankaraiah Mogaligunta	sankar.neeru@gmail.com	7.66E+09	ASSOCIATE PROFESSOR	N B K R INSTITUTE OF SCIENCE AND TECHNOLOGY
127	NALAAGARLA SUDARSHAN RAO	n.sudarsanrao@svcn.ac.in	9.618E+09	ASSISTANT PROFESSOR	SREE VENKATESWARA COLLEGE OF ENGINEERING,

					NELLORE
128	Iranna Makarabbi	inmakarabbi@gmail.com	8.868E+09	ASSISTANT PROFESSOR	SKSVMACET LAXMESHWAR

Section 3

Schedule of the Program: **25th OCTOBER 2021 to 29th OCTOBER 2021**

Time : 06:00 PM to 08:00 PM [IST]

Section 4

Day 1: 25/10/2021

Resource Person: Mr. K. S. Kavim

K. S. Kavim is a research scholar, currently pursuing his PhD in Anna University, Chennai, India. His current research interests include BLDC Motors, shunt active filter, and DC-DC converters. He has been actively contributing to the field by publishing research articles in various reputed journals. Prior to this he has been working as an Assistant Professor in Er.Perumal Manimekalai College of Engineering and Technology in Hosur, India for three years. He has been working in VI Microsystems, Pvt, Ltd, Chennai and has an industrial experience of three years in the field of Power Electronics, Electrical Vehicle, IoT and Machine Learning. He is presently supporting AB Technologies, Chennai, India as Research and Development Engineer. He has conducted various workshops on technologies like Matlab, Embedded System, IoT, VLSI, and Image Processing in various colleges across India. He is an active contributor to the Atal Faculty Development Program launched by the Government of India and has conducted various guest lecture programs. He has been invited as chief guest in technical programs conducted in many colleges.

Day 2: 26/10/2021

Resource Person: Mr. P. ANANDHRAJ

P. ANANDHRAJ is a research scholar, currently pursuing his PhD in Anna University, Chennai, India. His current research interests include Electrostatic Precipitators, Solar PV Array and Treatment of Waste. He has been actively contributing to the field by publishing research articles in various reputed journals. Prior to this, He had worked as Junior Research Fellow(JRF),in Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College(Autonomous), Tamilnadu- India, for three years. He helped to achieve the DST project milestones on-time with effective and quality simulation and experimental results. He was worked in General Electric(GE) , Bengaluru and has an industrial experience of 1 year in the field of wind energy. Currently, He is working in Tata Elxsi, Chennai-India, as Model Based Design(MBD) Specialist, has an industrial experience of 2.5 years in Motor control algorithm development and automotive Industry (Chassis system). He has conducted various trainings on technologies like MATLAB/Simulink, Stateflow, and Simscape.

Day 3: 27/10/2021

Resource Person: Dr. N.Viswanathan

Dr. N. Vishwanathan, has received B.Tech in Electrical Engineering from DEI, Agra, M.Tech in Electrical Machines and Industrial Drives from REC Warangal, and Ph.D. from IISc., Bangalore. Presently he is working as a Professor in the Dept. of Electrical Engineering, NIT Warangal. He has completed several research projects from MHRD and SERB. He has guided several Ph.D.s and has publications in international journals. His areas of interest include resonant converters, induction heating applications, LED drivers, etc.

Day 4: 28/10/2021

Resource Person: Dr. Arunkumar Chandrasekhar

Dr. Arunkumar Chandrasekhar is currently an Assistant Professor Senior grade in Department of Sensors and Biomedical Technology, Vellore Institute of Technology, Vellore, India. He worked as a postdoctoral researcher at Nanomaterials and Systems Lab, South Korea. He received his PhD in Mechatronics Engineering from Jeju National University, Jeju, South Korea where he was a scholarship recipient from the Korean Government Scholarship Program. He is interested in wearable triboelectric nanogenerator, battery free electronic devices, biosensors, energy storage devices and self-powered devices. He published more than 67 papers in high impact journals, 4 international patents, 8 book chapters and 1 book. He works as reviewer for more than 60 peer reviewed international journals.

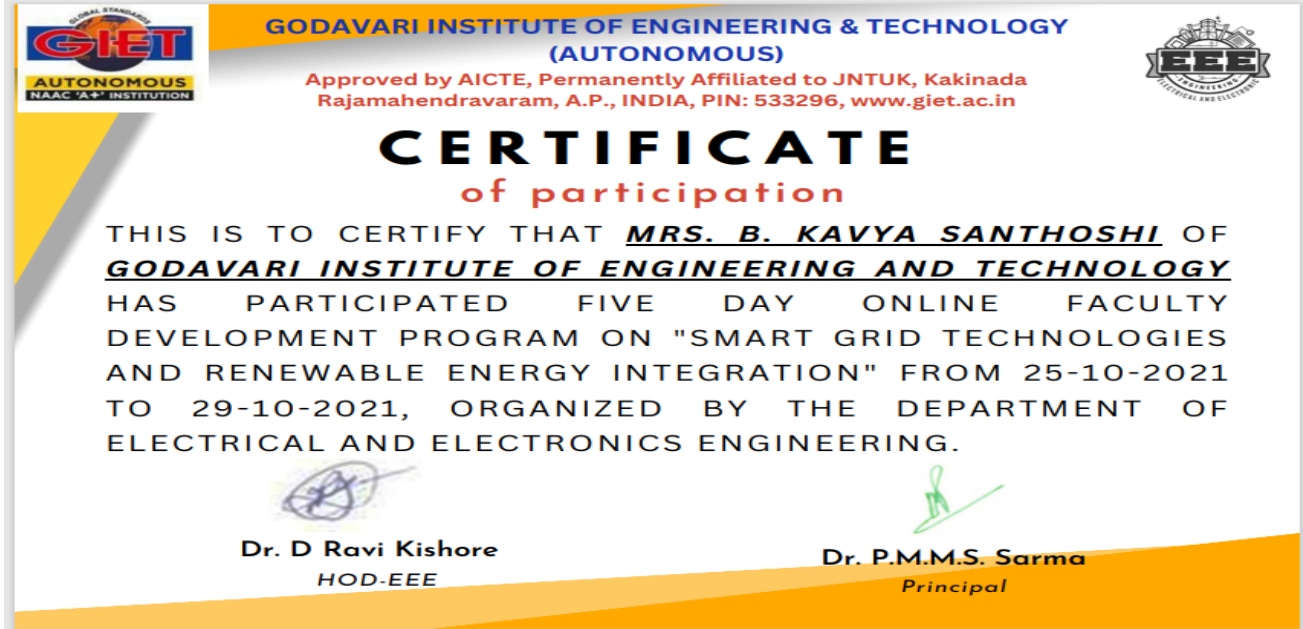
Day 5: 29/10/2021

Resource Person: Dr.B. Chitti Babu

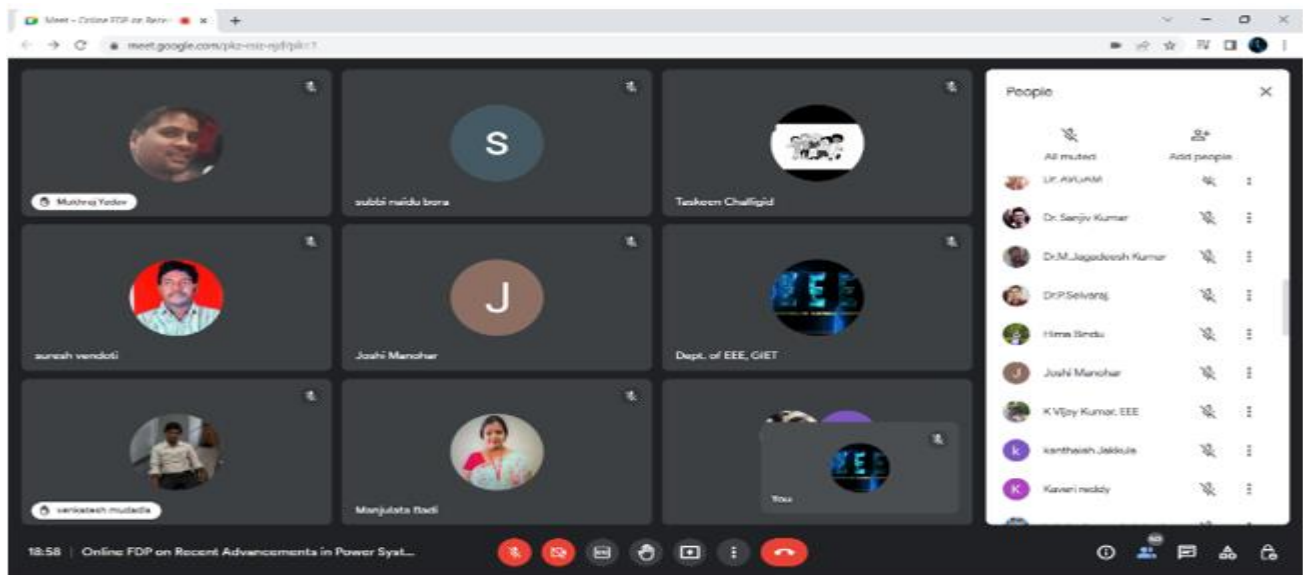
Dr.B. Chitti Babu received Ph.D degree in Electrical Engineering from National Institute of Technology Rourkela, India in 2012. He was an Assistant Professor in the Department of Electrical Engineering, National Institute of Technology Rourkela, India from 2007 to 2013. He had Post-Doctoral research appointments with the Wroclaw University of Science and Technology, Poland, during 2013-2014, and with the Technical University of Ostrava, Czech Republic, during 2014-2015. Both of these appointments were sponsored by the European Commission, UK. He was an Assistant Professor in faculty of engineering, University of Nottingham (U.K) Malaysia Campus, Malaysia from Sep 2016- June 2018. Since June 2018, he has been an Assistant Professor in Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram, Chennai, India. He was a visiting researcher at the Polytechnic University of Milan, Italy during 2015 and Visiting Scientist at Yildiz Technical University, Turkey during 2019. He was a recipient of prestigious Young Systems Scientist Award 2019 sponsored by Systems Society of India. And also, he received IEEE MAS Best Researcher Award from IEEE Madras Section during Feb 2021. Recently has been appointed as an Editor-in-Chief of International Journal of Ambient Energy, Taylor & Francis Publishers. And also he serves as an editorial board member/associate editor of many peer reviewed impact factor journals, including IET Renewable Power Generation, IET Power Electronics, Control Engineering Practice (Elsevier), Electrical Engineering (Springer), Energy Sources-Part A (Taylor & Francis). He has published over 60 papers in SCI-indexed journals including IEEE Transactions and IET Journals. His current research interests include power electronics applications in smart distribution grids containing renewable energy sources, Design of Low power Photovoltaic system including MPPT Algorithm, control and grid integration of Renewable energy systems. He is a senior member of IEEE, IEEE Power & Energy Society, IEEE Industrial Application Society, IEEE Smart Grid Community.

Section 5:

Photographs
Sample Certificate:



Day 1: 25/10/2021



VISHWANATHAN N is presenting

PRACTICAL BOOST CONVERTER MODELING UNDER STEADY-STATE

The boost converter circuit diagram is as in fig. 10.

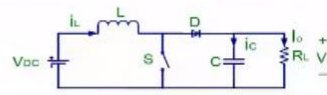


Fig. 10 Boost converter

18:32 | Online FDP on Recent Advancements in Power Syst...

People

All muted Add people

Search for people

In call


- Dept. of EEE, GIET (You) Meeting host
- bolu reju
- triloku prabhakar
- Gutchilaju Yerramilli
- Chatu Henu
- Dept. of EEE, GIET Meeting host
- Dr. Sanju Kumar
- Dr.M.Bagadeesh Kumar
- Anshi Manohar

VISHWANATHAN N is presenting

PRACTICAL BUCK CONVERTER MODELING UNDER STEADY-STATE

It includes practical derivation of the inductor & capacitor values of the buck (i.e., voltage divider) step (i.e., and variable duty) converter.

The strategy of the steady-state operation used is shown in fig. 1.

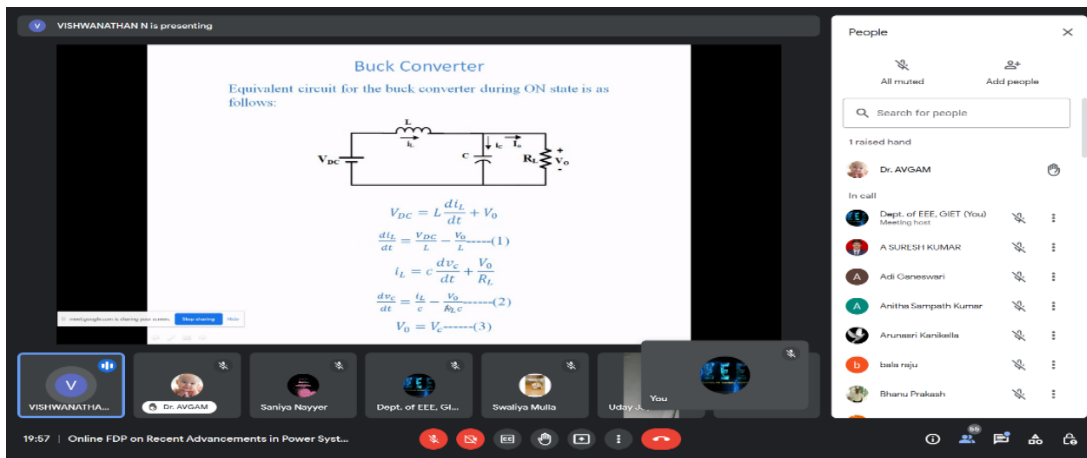


18:32 | Online FDP on Recent Advancements in Power Syst...

People

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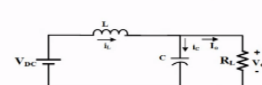
- Sankarsh N
- sankarshu ga...
- subbi naidu bora
- sothar bharat laksh
- sunish vardoo
- Sneha Mula
- Tarkeem Chaligi
- Vishwanathan N
- VISHWANATHAN N Meeting host
- VISHWANATHAN N Presenting



VISHWANATHAN N is presenting

Buck Converter

Equivalent circuit for the buck converter during ON state is as follows:



$$V_{DC} = L \frac{di_L}{dt} + V_o$$

$$\frac{di_L}{dt} = \frac{V_{DC}}{L} - \frac{V_o}{L} \quad (1)$$

$$i_L = C \frac{dv_C}{dt} + \frac{V_o}{R_L}$$

$$\frac{dv_C}{dt} = \frac{i_L}{C} - \frac{V_o}{R_L C} \quad (2)$$

$$V_o = V_C \quad (3)$$

19:57 | Online FDP on Recent Advancements in Power Syst...

People

All muted Add people

Search for people

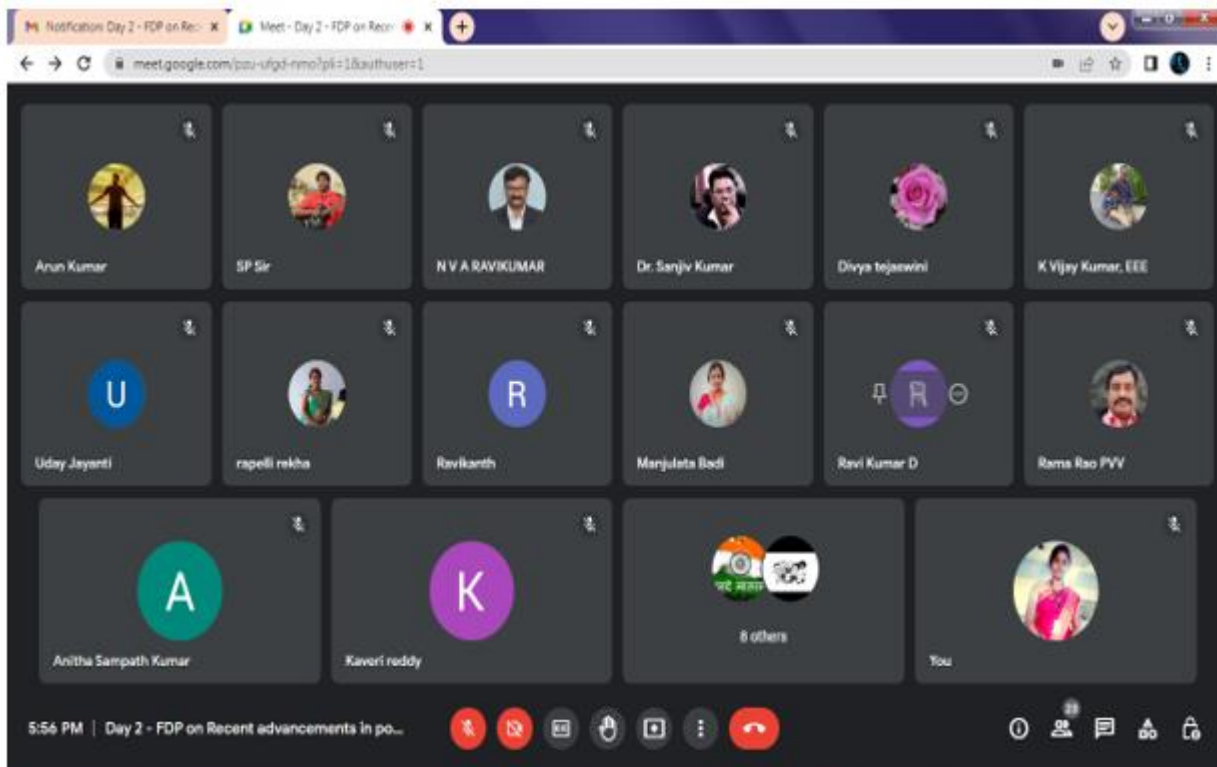
1 raised hand

- Dr. AVGAM

In call

- Dept. of EEE, GIET (You) Meeting host
- A SURESH KUMAR
- Adi Ganeshwari
- Anitha Sampath Kumar
- Anusari Kariballe
- bala raju
- Bharu Prakash

Day 2: 26/10/2021



Notification Day 2 - FDP on Rec... Meet - Day 2 - FDP on Rec...

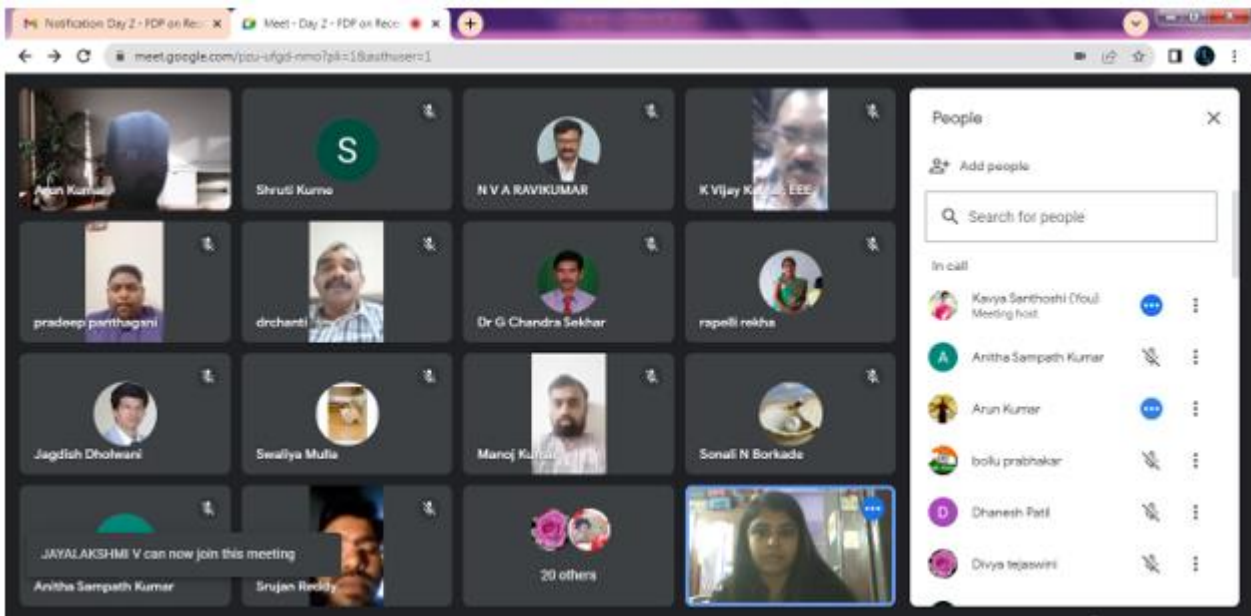
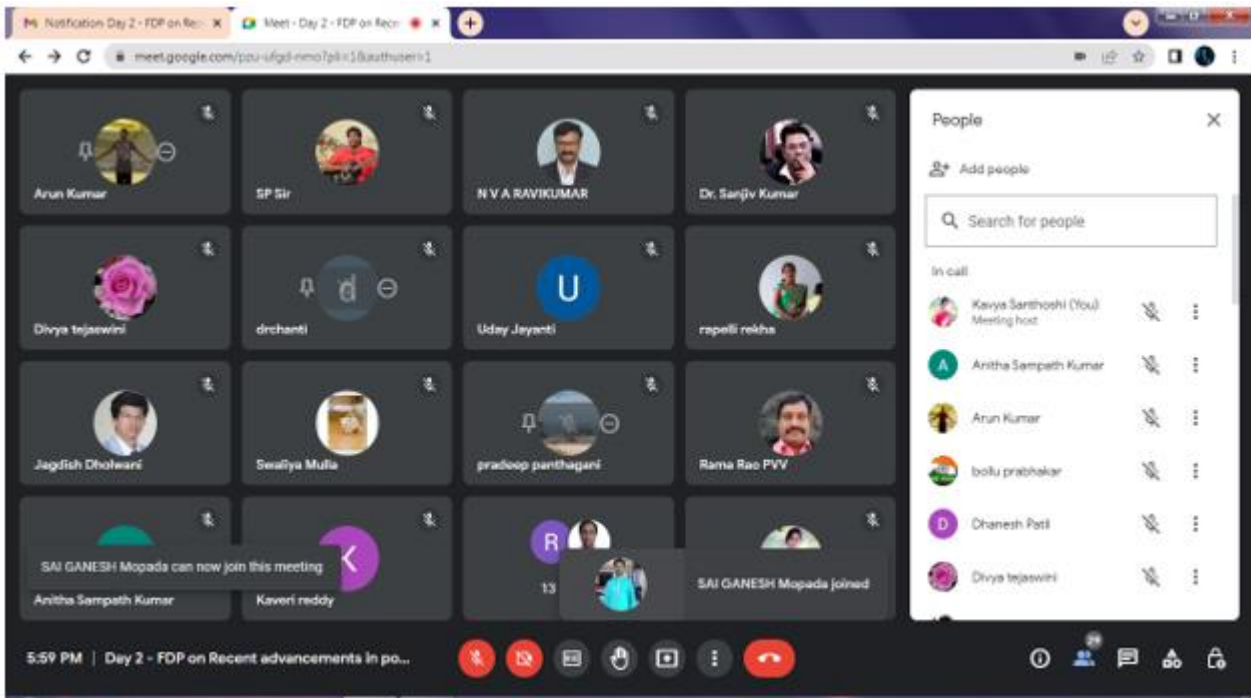
meet.google.com/pzu-ufgd-nmo?pk=1&authuser=1

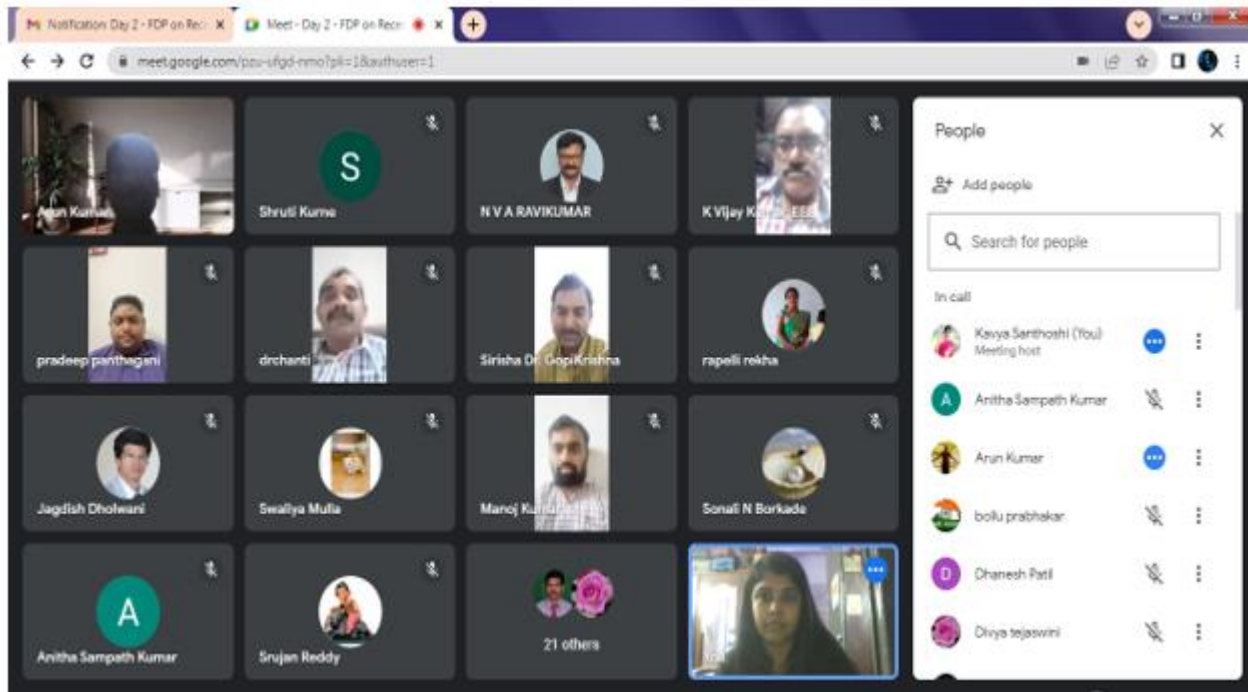
Anun Kumar SP Sir N V A RAVIKUMAR Dr. Sanjiv Kumar Divya tejaswini K Vijay Kumar, EEE

Uday Jayanti rapelli rekha Ravikarth Manjulata Badi Ravi Kumar D Rama Rao PVV

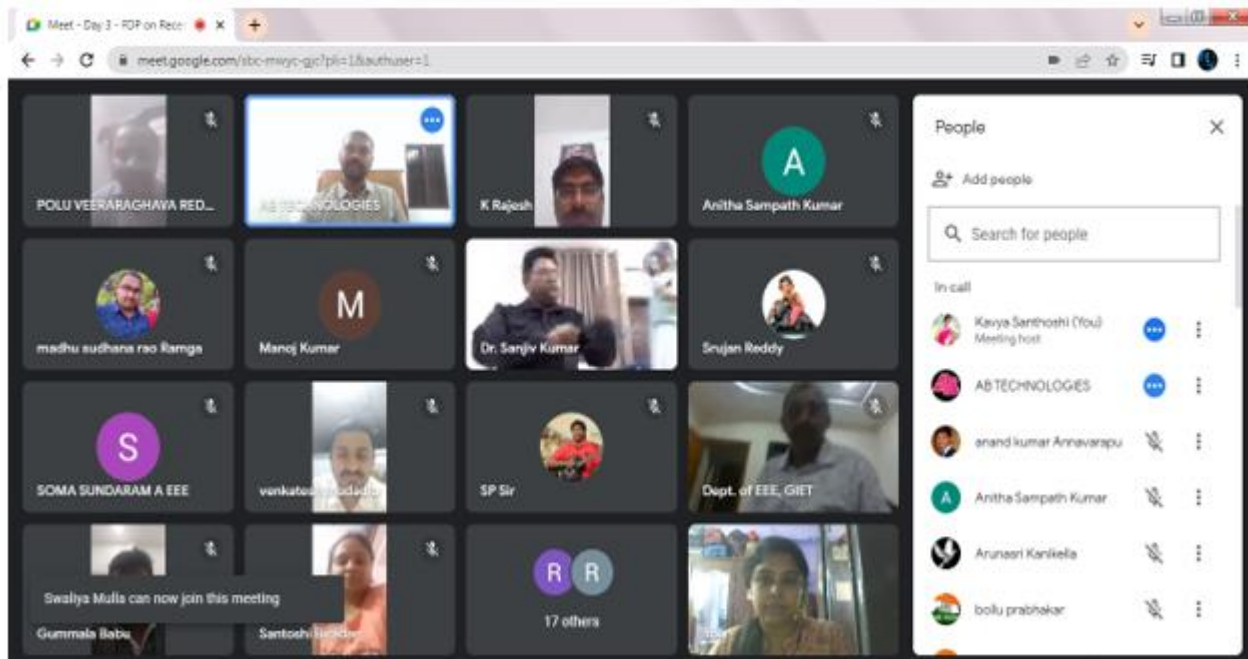
Anitha Sampath Kumar Kavari reddy 8 others You

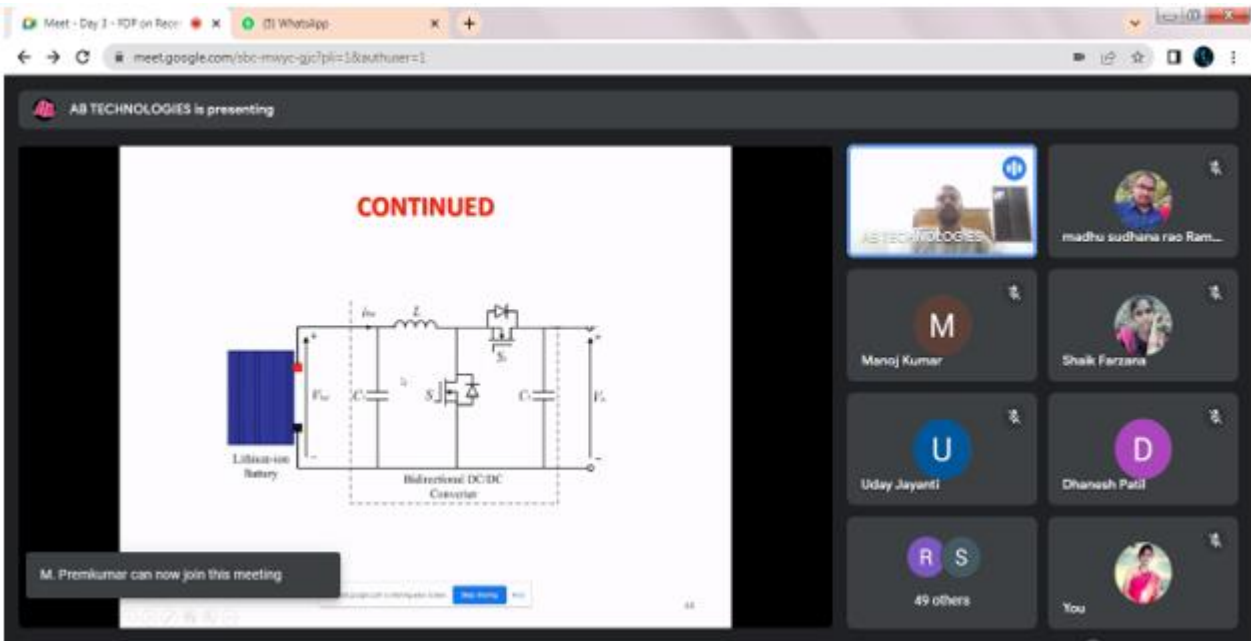
5:56 PM | Day 2 - FDP on Recent advancements in po...





Day 3: 27/10/2021





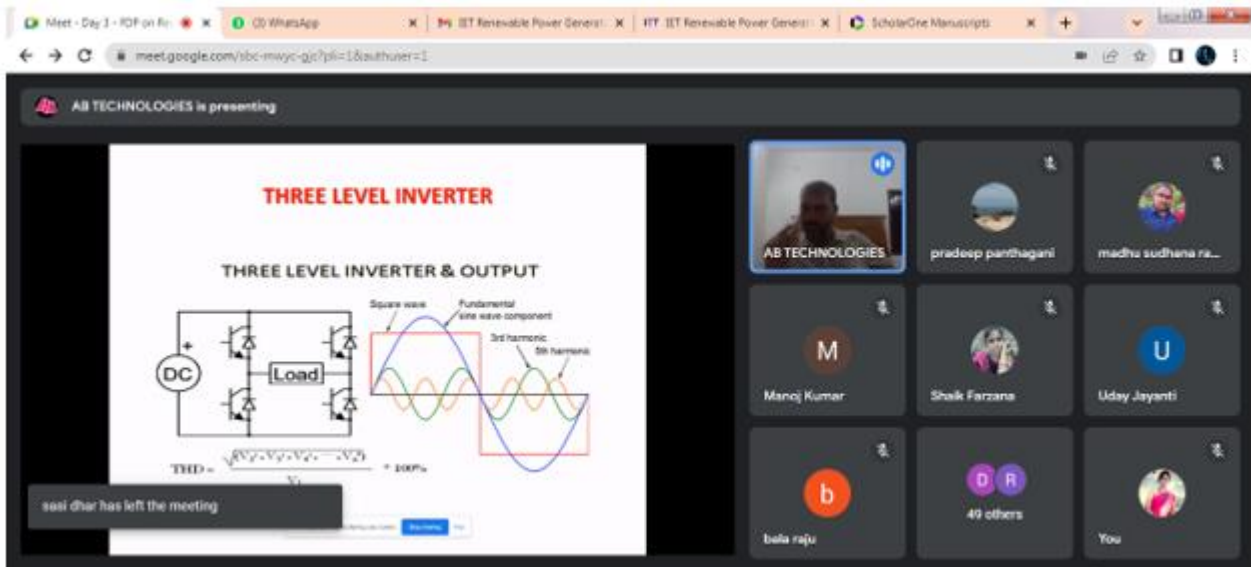
CONTINUED

Lithium-Ion Battery

Bidirectional DC/DC Converter

V_o

M. Premkumar can now join this meeting.



THREE LEVEL INVERTER

THREE LEVEL INVERTER & OUTPUT

DC

Load

Square wave

Fundamental sine wave component

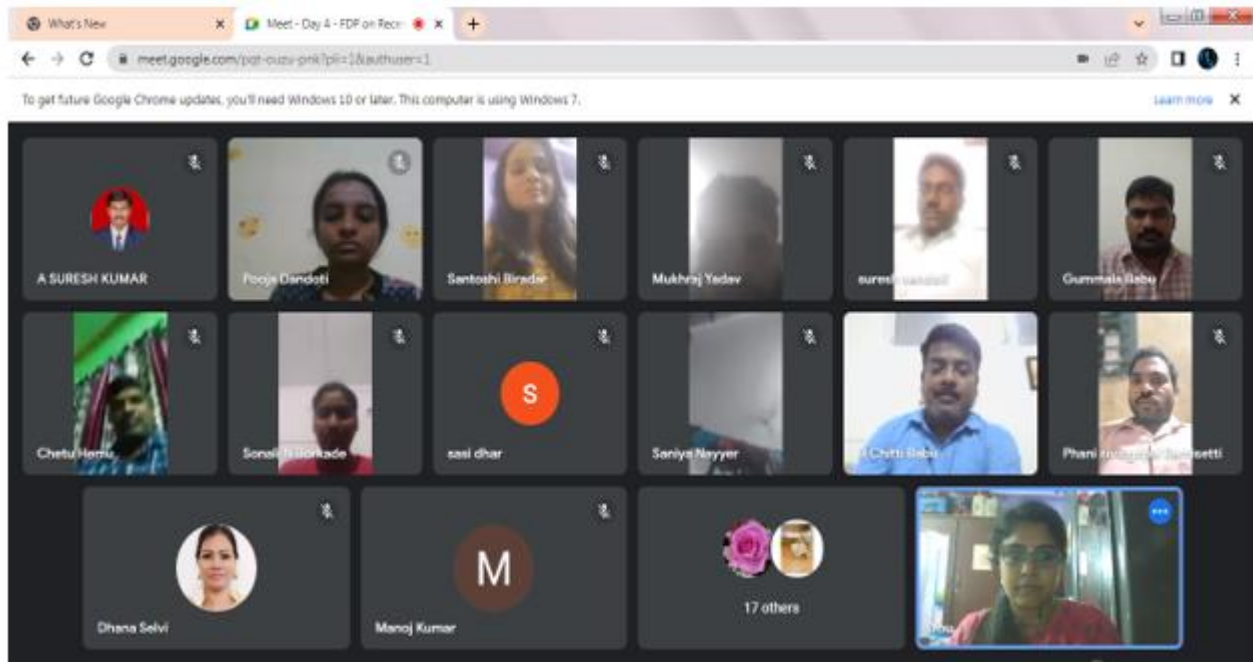
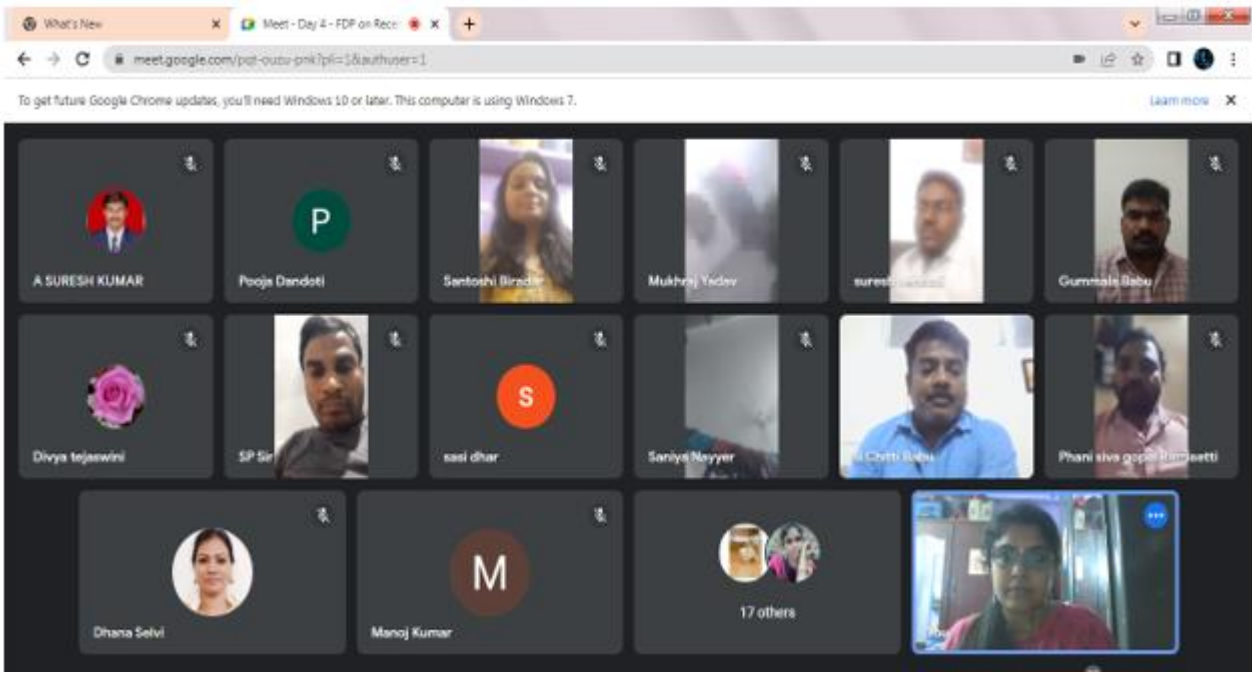
3rd harmonic

5th harmonics

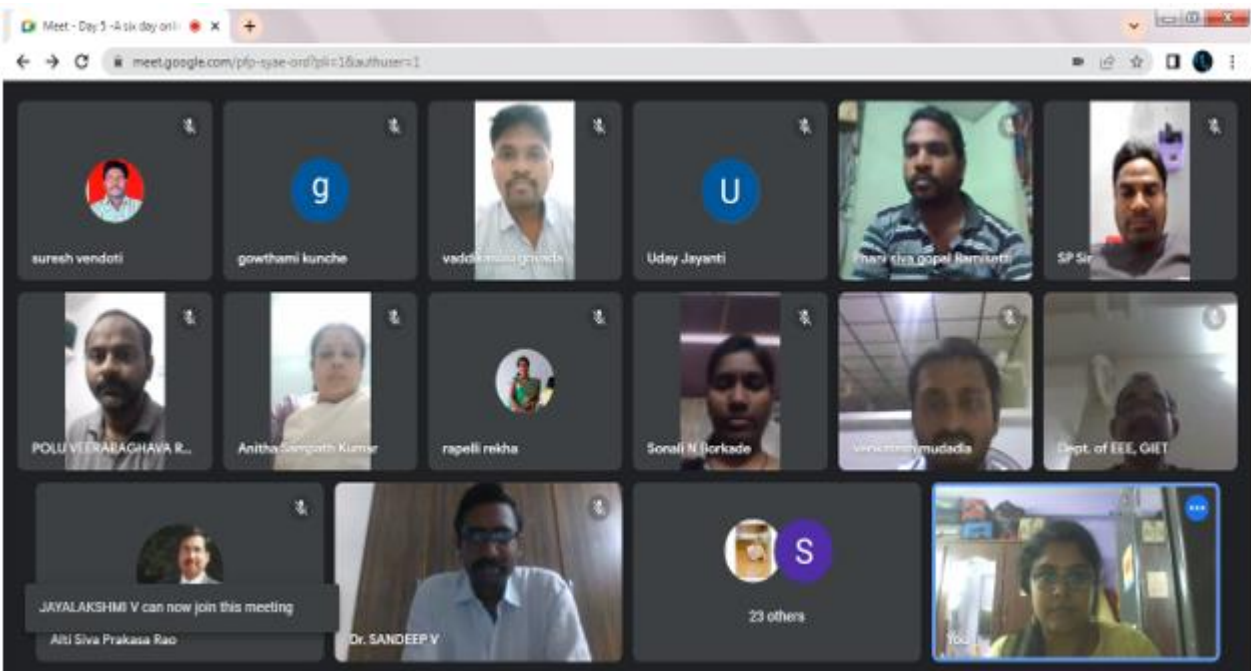
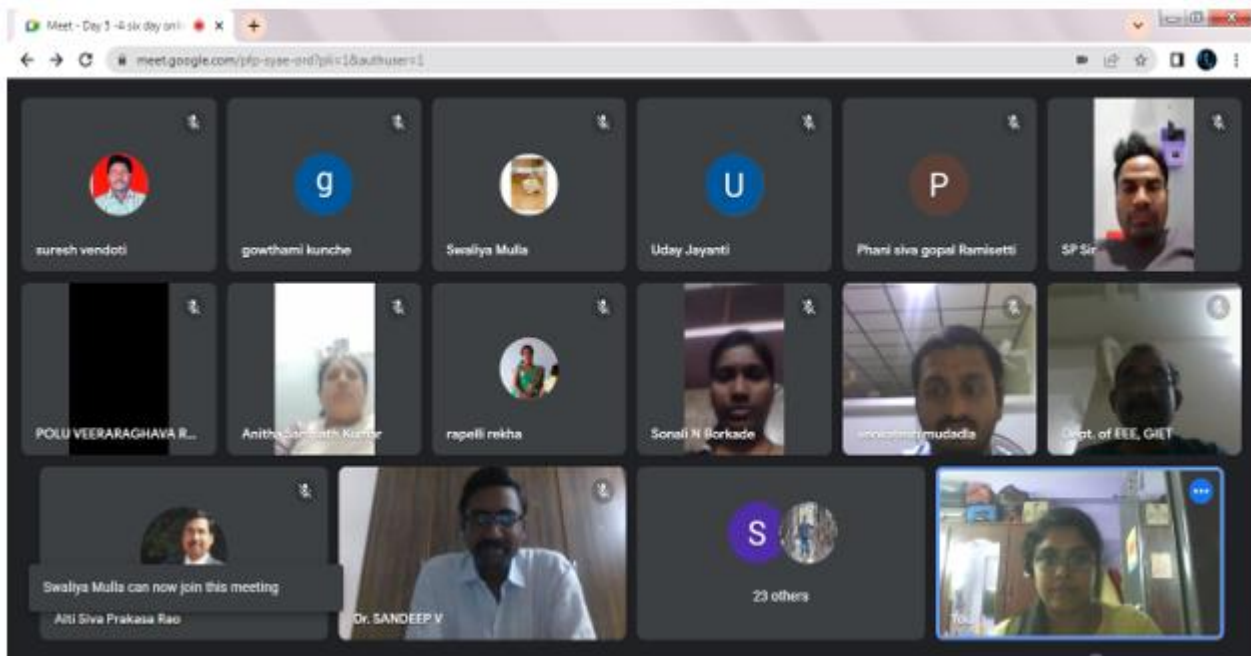
$THD = \frac{\sqrt{V_2^2 + V_3^2 + V_5^2 + \dots + V_n^2}}{V_1} * 100\%$

sasi dhar has left the meeting

Day 4: 28/10/2021



Day 5: 29/10/2021



Meet - Day 3 -4 six day sri

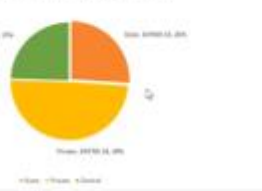
meet.google.com/plp-qyae-ord?pli=1&authuser=1

Dr. SANDEEP V is presenting

All India Installed Capacity (MW) Sector-wise as on 30-06-2022

Sector	Thermal				Nuclear	Hydro	REPP	Grand Total
	Coal	Lignite	Gas	Small				
State	58877.96	1198.98	1398.96	216.07	1687.96	8.00	2724.98	63703.97
Private	17929.98	429.98	1024.98	111.98	687.98	8.00	3011.98	22652.98
Central	14029.98	369.98	1227.98	104.09	1000.00	0.00	1000.00	16667.05
All India	86937.92	1997.94	2426.92	321.16	3375.92	16.00	5724.96	97063.93

REPP as on 30.06.2022



Dr. Sanjiv Kumar can now join this meeting

Dr. SANDEEP V

Anand Teja

Uday Jayanti

gowthami kunche

rapelli rekha

Sonal N Borkada

39 others

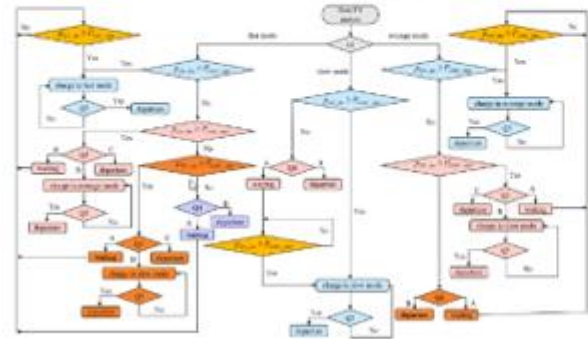
You

Meet - Day 3 -4 six day sri

meet.google.com/plp-qyae-ord?pli=1&authuser=1

Dr. SANDEEP V is presenting

Flow chart of the EV charging station



Wang Q, Laurent F, Sechiaru M. Modeling, Simulation, and Management Strategy of an Electric Vehicle Charging Station Based on a DC Microgrid. Applied Sciences. 2020. 11(8):2033.

Dr. SANDEEP V

gowthami kunche

rapelli rekha

Divya tejaswini

Dept. of EEE, GIET

Rammohan m

50 others

You

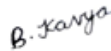
Concluding remarks on the Event.

Report on A FIVE-DAY ONLINE FACULTY DEVELOPMENT PROGRAMME On
“Smart Grid Technologies and Renewable Energy Integration” from 25th OCTOBER
2021 to 29th OCTOBER 2021– Submitted.

COORDINATOR

Dr. B. Kavya Santhoshi,
Asst. Prof, Dept. of EEE

Signature :



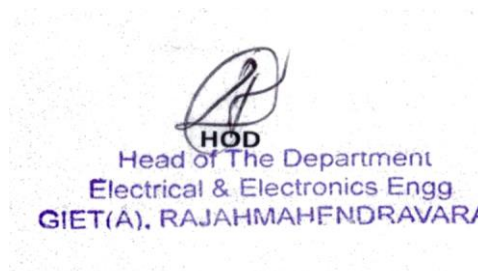
CONVENER

Dr. D. Ravi Kishore
Professor & Head, Department of EEE

CONVENER & Head of the Department:

Dr. D. Ravi Kishore
Professor & Head, Department of EEE

Signature :



HOD
Head of The Department
Electrical & Electronics Engg
GIET(A), RAJAHMAHENDRAVARAM

REPORT ON

Online Faculty development programme on Recent trends on Health & Safety Environment in Petroleum Industry

from 13-12-2021 to 17-12-2021



Petroleum Engineering Department

**GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY
(AUTONOMOUS)**

Chaitanya Knowledge City, NH-16, Rajahmundry 533296, AP

Objective of the FDP

To impart knowledge on advanced technologies and its application in the field of Health Safety Environment in Petroleum Industry.

Who can attend?

The faculty members of the AICTE approved institutions, research scholars, PG Scholars, participants from Government, Industry (Bureaucrats/Technicians/Participants from Industry etc.) and staff of host institutions.

About the FDP

HSE (Health, Safety, and Environment) in the petroleum industry is of utmost importance due to the inherently hazardous nature of oil and gas operations. The petroleum industry encompasses activities like exploration, drilling, production, refining, and transportation of oil and gas, all of which carry various potential risks to human health, safety, and the environment. The petroleum industry has been continuously striving to improve Health, Safety, and Environment (HSE) practices to ensure the well-being of workers, protect the environment, and enhance operational efficiency.

Invited Experts

All the experts who are invited as resource persons belong to IITs and NITs of various states and other reputed MNCs.

Topics Include

1. Automation and Robotics in HSE
2. Artificial Intelligence (AI) for Risk Prediction
3. Green Initiatives and Emission Reduction
4. Regulatory Compliance and Standards

How to register

Online Registration

Last date for registration:

10th December 2021

Contact details

Mr Md Ahammad Sharif-6302897393

Assistant Professor & HOD,

Dept. of PEE

Dr. N.V.R. Naidu-9848853523

Asst Professor, Dept. of PEE

A FACULTY DEVELOPMENT PROGRAMME

On

"Recent trends on Health & Safety Environment in Petroleum Industry"

10th Dec

(11th December 2021 to 14th December 2021)

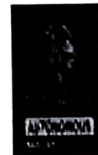


Convenor

Mr Md Ahammad Sharif

Organized by

Petroleum Engineering Department



Godavari Institute of Engineering & Technology
Approved by AICTE, Government of Andhra Pradesh
Accredited by UGC, JNTU, and other reputed MNCs

GODAVARI INSTITUTE OF ENGINEERING AND TECHNOLOGY (AUTONOMOUS)

NH-16, Chaitanya Knowledge City, Rajahmundry - 533296

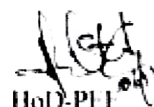
File No: GIER/PEE/

Date: 06-12-2021

CIRCULAR

Subject: Online Faculty development programme on Recent trends on Health & Safety Environment in Petroleum Industry Reg.

In view of department development activities, the department of Petroleum Engineering is organizing Online Faculty development programme for five days on "Recent trends on Health & Safety Environment in Petroleum Industry" from 13-12-2021 to 17-12-2021. All the Dept HOD's and Faculty of GIET (A) are requested to attend this Event and make it grand success.


HOD-PEE
Head of the Department,
Department of Petroleum Engineering
Godavari Institute of Engineering and Technology
Rajahmundry, Andhra Pradesh - 533296
☎ 0876-2642100

To

All HOD's

Copy to Principal/Vice Principals/Directors/Deans/Controller of Examinations Library

All Notice boards

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Contents

Section	Description	Page No
1	Brief Report of the Event	5
2	List of Participating Institutions/ Departments/Offices	5
3	Model Certificate	5
4	List of Participants	6
5	Schedule of the Event	7
6	List of Resource Persons	7
7	Photos	7-8

Section 1

Brief Report of the Event [Online Faculty development programme on Recent trends on Health & Safety Environment in Petroleum Industry]

Background : In regard to Recent trends on Health & Safety Environment in Petroleum Industry perspective an event is organized

Objectives of the program : To inculcate the safety aspects of Industry

Organization of Event : from 13-12-2021 to 17-12-2021

For whom : Faculty

Topics to be covered : Health & Safety Environment in Petroleum Industry

Organizing team : Department of Petroleum Engineering

Section 2

List of Participating Institutions/ Departments/Offices: All Faculty of GIET (A)

Section 3

Model Certificate



Godavari Institute of Engineering & Technology

*Approved by AICTE, Permanently affiliated to JNTU, Kakinada
Rajamahendravaram, A.P., INDIA, pin 533296, www.giet.ac.in*

Certificate Of Appreciation

This is to certify that

Of Automobile Engineering has participated in the online Faculty development program on "**Recent trends on Health & Safety Environment in Petroleum Industry**" organized by the department of Petroleum Engineering from 13th December 2021 to 17th December 2021

Md Ahammad Sharif
HOD-Petroleum

Dr P M M S Sarma
Prindpal

Section 4

List of Participants

Department / Institute:

GODAVARI INSTITUTE OF ENGINEERING AND TECHNOLOGY (AUTONOMOUS)

SH-16, Chaitanya Knowledge City, Rajahmundry - 533296

A.Y 2021-22

Department of Petroleum Engineering

Online Faculty development programme on Recent trends on Health & Safety Environment in Petroleum Industry

List of participants

S.NO	Name of the Faculty	Designation	Department
1	Md Alhammad Sharif	ASST. PROF, HOD	PETROLEUM
2	Dr A V Ramana	ASSOC.PROF	PETROLEUM
3	Dr N V R Nagalakshmi	ASSOC.PROF	PETROLEUM
4	Dr K Siva Kumar	ASST. PROF	PETROLEUM
5	B Bhavani	ASST. PROF	PETROLEUM
6	Nagar Vali Sk	ASST. PROF	PETROLEUM
7	K Bala Brahmint	ASST. PROF	PETROLEUM
8	Mayank A	ASST. PROF	PETROLEUM
9	G Bob Williams	ASST. PROF	PETROLEUM
10	K. SRIHARI	HOD & PROF	MINING
11	RAMESH KANT	ASSOC.PROF	MINING
12	M. SAI SABITHA	ASSOC.PROF	MINING
13	M. VENKATA KRISHNA	ASSOC.PROF	MINING
14	P.N.V.L. SAILAJA	ASSOC.PROF	MINING
15	P. TAVITI NAIDU	ASSOC.PROF	MINING
16	V.SUBRAHMANYAM	ASSOC.PROF,HOD	AME
17	P.VEERA RAJU	ASSOC.PROF	AME
18	S.RAJASEKHAR	ASSOC.PROF	AME
19	R KRISHNA MOHAN	ASST. PROF	AME


Convener


Convener

Godavari Institute of Engineering and
 Technology
 Rajahmundry - 533296
 TEL: 0873 261 1111

Section 5

Schedule of the Event

Venue: Online lecture,

<https://meet.google.com/sur-posd-bev>

Department of Petroleum Engineering, AK Block

Day and Date : Daily schedule from 13-12-2021 to 17-12-2021

Time	Topic	Resource Person
10:00	Welcome note	Dr A V Ramana
10:15-12:30	Lecture by	Dr. M.J.A.Prince
12:30-1:30	Lunch Break	Mr Md Ahammad Sharif
1:30 - 4:00	Lecture by	Dr. M.J.A.Prince

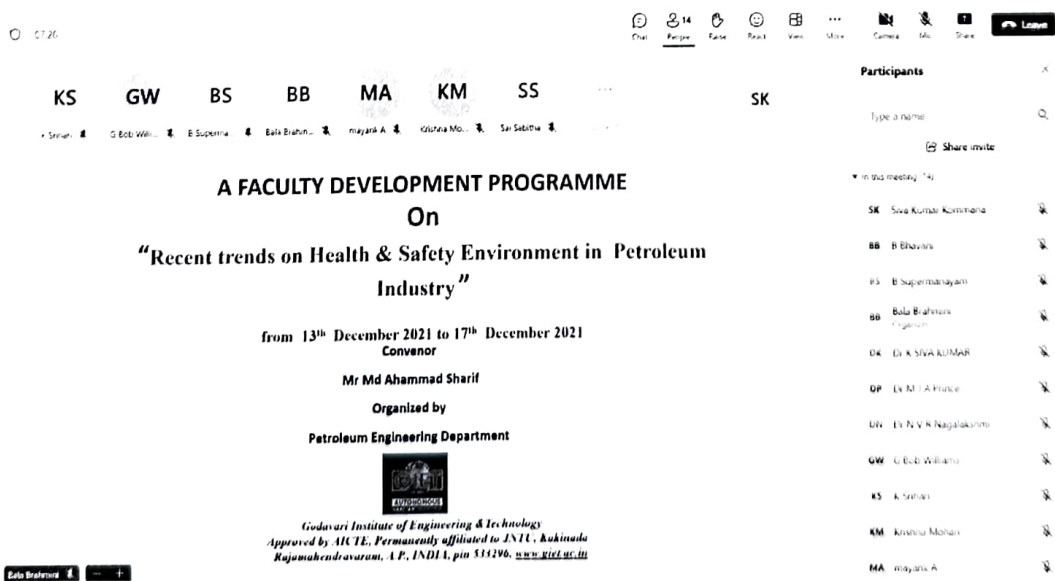
Section 6

List of Resource Persons

External resource persons- Dr. M.J.A.Prince, Assistant Professor, Amet University, Chennai

Section 7

Event Photos



The screenshot shows a Google Meet interface with a meeting titled "A FACULTY DEVELOPMENT PROGRAMME On Recent trends on Health & Safety Environment in Petroleum Industry". The meeting is scheduled from 13th December 2021 to 17th December 2021. The convener is Mr Md Ahammad Sharif, and it is organized by the Petroleum Engineering Department at Godavari Institute of Engineering & Technology. The meeting has 14 participants listed on the right side of the screen.

A FACULTY DEVELOPMENT PROGRAMME
On
"Recent trends on Health & Safety Environment in Petroleum Industry"
from 13th December 2021 to 17th December 2021
Convener
Mr Md Ahammad Sharif
Organized by
Petroleum Engineering Department

Godavari Institute of Engineering & Technology
Approved by AICTE, Permanently affiliated to JNTU, Aukonda
Rajamahendravaram, A.P., INDIA, pin 515196, www.giet.ac.in

Participants

- SK Siva Kumar Kammanna
- BB B Bhavani
- BS B Supremanayam
- BB Balu Bhadrani
- OK O K SIVA KUMAR
- QP Q M J A Prince
- UV U N V R Nagalakshmi
- GW G Bala Williams
- KS K. Sarani
- KM Krishna Mohan
- MA mayank A

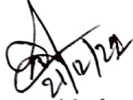


The screenshot shows a Zoom meeting interface. At the top, there are icons for chat, mute, video, react, view, more, camera, mic, share, and leave. Below these are participant initials: GW, BS, BB, MA, KM, SS, DK, and SK. A list of participants is shown on the right, including Siva Kumar Kommana, B Bhavani, B Supermanavam, Bala Brahmini, Dr. K SIVA KUMAR, Dr. M. J. A Prince, Dr. N. V. R. Nagalakshmi, G Bob Williams, Krishna Mohan, mayank A, and Nagur Vani Shaik. A shared image of an industrial site with tall chimneys and a large storage tank is visible in the center.

Concluding remarks on the Event.

“Report on Recent trends on Health & Safety Environment in Petroleum Industry an online FDP event is organized by Department of Petroleum Engineering on 21-12-2021 Submitted

Coordinator



Signature with date

Head of the Department



Signature with date

**head of the Department,
Department of Petroleum Engineering
Godavari Institute of Engineering and
Technology (Autonomous)
RAJAMAHENDRAVARAM-533 296**

Godavari Institute of Engineering & Technology (A)

REPORT ON

A Five Day FDP on Mathematical and Statistical Modelling

HUMANITIES AND BASIC SCIENCES

From 23rd August to 27th August, 2021



**GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY
(AUTONOMOUS)**

Chaitanya Knowledge City, NH-16, Rajahmundry 533296, AP



GODAVARI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Autonomous)

NH-16, Chaitanya Knowledge City, Rajahmundry, Andhra Pradesh, 533296.

Five Day Faculty Development Programme (online)

MATHEMATICAL AND STATISTICAL MODELLING

(23rd – 27th Aug, 2021)

The phenomenon in nature can be postulated through mathematical and statistical modelling. The underlying mechanism of those can be explained or observed through models. The models can be simple or complex depending on the nature of the process. Further the models can be utilized for prediction with care. The course aims in understanding the models in field of biology, agriculture, economics, management, computers, medical science and other branches of engineering.

Resource Persons

Dr. BEGARI MUNISWAMY, Professor, Department of Statistics, Andhra University.

Dr. A.BENERJI BABU, Associate Professor, Department of Mathematics, NIT WARANGAL.

Dr. MATTA ANJANNA, Assistant Professor, Department of Mathematics, ICFAI University, Hyderabad.

Dr. C.S.K.RAJU, Assistant Professor, Department of Mathematics, GITAM, Bangalore.

Dr. KIRAN KUMAR PAIDIPATI, Assistant Professor, Dept. of Statistics, Lady Shri Ram College for Women, Delhi.

Mr. ADINARAYANA MURTY, Data Scientist at HP, Bangalore.

Dr. N.MADHAVI, Assistant Professor, Dept. of Statistics, Govt College, Rajahmundry.

Dr. G.RAMESH, Assistant Professor, Acharya N.G.Ranga Agricultural University, Rajahmundry.

Organized by

Department of Humanities and Basic Sciences

(MATHEMATICS & STATISTICS)

CHIEF PATRON

Sri. K.V.V. SATYANARAYANA RAJU

FOUNDER AND CHAIRMAN,
CHAITANYA EDUCATIONAL SOCIETY

PATRONS

Sri. K SASIKIRAN VARMA,

VICE CHAIRMAN

Smt. K LAKSHMI SASI VARMA,

EXECUTIVE DIRECTOR

CO-PATRONS

Dr. P.SUBBA RAJU, GENERAL MANAGER

Dr.T.V.PRASAD, DIRECTOR, QUALITY ASSURANCE

Dr.P.M.M.S. SARMA, PRINCIPAL

Dr.S.V.S.MURTHY, VICE PRINCIPAL (ADMIN)

Dr.N.LEELAVATHY, VICE PRINCIPAL (ACADEMICS)

Dr.V.KUSUMA KUMARI, DEAN, HBS

COORDINATORS

Dr. N.Venkata Koteswara Rao, Senior Assistant Professor

nvkrao@giet.ac.in, 9177477722

Dr. G.V. Arunamayi, Associate Professor

arunamayi@giet.ac.in, 9296000740

Registration Link:

https://docs.google.com/forms/d/e/1FAIpQLSe8Y_ndouZljdzqullFodS2cpp4ikHRpm_RbTZohQX2i4O_Sw/viewform?vc=0&c=0&w=1

(Free Registration)

Programme Mode: Live Web Session. (CISCO WEBEX platform)

Last Date for Registration: 22-08-2021

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5	List of Resource Persons	12
6	Photographs	13-18
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Godavari Institute of Engineering & Technology (A) DP-71

Brief Report of the Event

DAY-1 23-08-2021, Tuesday (2:00-3:00 PM)

“Mathematical Modelling of Earth’s Outer Core”

REPORT:

In today's inauguration of the FDP on Mathematical and Statistical Modelling, Principal of GIET(A) Dr.P.M.M.S.Sarma garu and Vice Principal (Academics) Dr. Leela Vathi garu gave the inaugural address which was followed by the briefing and introductory talk by Dr. G.V.Aruna mayi, Assoc.Professor and Dr. N. Venkata Koteswara Rao garu ,Sr. Assistant professor of GIET (A) gave a informative talk on Continuous and Discrete SIR Infectious Disease Model from 10:30 to 11:10 am .

In this session a total 245 participants attended the session and the session was hosted by Dr.G.V.Aruna mayi.

The second session was hosted by Dr.N.Venkata Koteswara Rao in which Dr.A Benerji Babu Associate professor at NIT Warangal gave a informative talk on Mathematical Modeling Of Earth's Outer Core from 2:00 to 3:30 pm participants attended the session.



Godavari Institute of Engineering & Technology (A) DP-71

DAY-2

DATE: 24-08-2021, Wednesday

TIME: 10:00-11:00 AM :“MATHEMATICAL MODELS FOR FLUID DYNAMICAL PROBLEMS”

TIME: 2:00-3:00 PM :“ROLE OF STATISTICS IN DIFFERENT FIELDS”

REPORT:

**Faculty Development Programme on MATHEMATICAL AND STATISTICAL
MODELLING (23rd to 27th Aug, 2021)
Organized by
Department of Humanities and Basic Sciences (MATHEMATICS & STATISTICS)**

Report of FDP on Mathematical and Statistical Modelling, Day 2
Today, there are two sessions.

In the first session which was hosted by Dr.N.Venkata Koteswara Rao, Dr. C.S.K.Raju garu Assistant professor at Gitam,Bangalore gave a informative talk on "Mathematical Models For Fluid Dynamical Problems" from 10:00 to 11:00am and participants attended the session.

The Second session was hosted by Dr. G.V.Arunamayi in which Dr. N. Madhavi garu Assistant professor at Government College, Rajahmundry gave a informative talk on "Role Of Statistics In Different Fields" from 2:00 to 3:00pm and a total of 249 participants attended the session.



Godavari Institute of Engineering & Technology (A) DP-71

DAY-3

DATE: 25-08-2021, Thursday TIME: 10:00-11:00 AM

“Data Analysis Using SPSS”

TIME: 2:00-3:00 PM : “Stochastic Models – A Special Case to Type-II Diabetes”

REPORT:

**Faculty Development Programme on MATHEMATICAL AND STATISTICAL
MODELLING (23rd to 27th Aug, 2021)
Organized by
Department of Humanities and Basic Sciences (MATHEMATICS & STATISTICS)**

Report of FDP on Mathematical and Statistical Modeling Day 3(i.e., 25-08-

2021) Today, there are two sessions

In first session which was hosted by Dr.G.V.Arunamayi, Dr.B.Muniswamy garu professor at Andhra University, Vizag gave a informative talk on "Data Analysis Using SPSS" from 10am to 11:30am and a participants attended the session.

In the Second session which was hosted by Dr.N.Venkata Koteswara Rao, Dr. Kiran Kumar Paidpati garu Assistant Professor at Lady Shri Ram College For Women, Delhi gave a informative talk on "Stochastic Models - A Special case to Type-II Diabetes" from 2:00pm to 3:00pm and participants attended the session.



Godavari Institute of Engineering & Technology (A) DP-71

DAY-4

DATE: 26-08-2021, Friday TIME: 10:00-11:00 AM **“Statistical Application Using in Real Life Time”**

TIME: 2:00-3:00 PM Mathematical Modelling of Fluid Flow Problems and Solutions

REPORT:

**Faculty Development Programme on MATHEMATICAL AND STATISTICAL
MODELLING (23rd -27th AUG,2021)
Organized by
Department of Humanities and Basic Sciences (MATHEMATICS & STATISTICS)**

Report of FDP on Mathematical and Statistical Modeling Day 4 (i.e., 26-08-2021) Today, there are two sessions

In first session which was hosted by Dr.G.V.Arunamayi, Dr.Ramesh garu Assistant Professor at N.G.Ranga Agriculture University, Rajamudry gave a informative talk on "Statistical Applications in Real Life Time" from 10:00am to 11:00 am and a total of 284 participants attended the session.

In Second session which was hosted by Dr.N.Venkata Koteswara Rao, Dr. Anjanna Matta garu Assistant Professor at ICFAI Foundation For Higher Education, Hyderabad gave a informative talk on "Mathematical Modeling Of Fluid Flow Problems And Solutions" from 2:00pm to 3:00pm and participants attended the session.



Godavari Institute of Engineering & Technology (A) DP-71

DAY-5

DATE: 27-08-2021, Saturday TIME: 10:00-11:00 AM

“Applications of data science in academics”

REPORT:

Report of FDP on Mathematical and Statistical Modeling Day 5 (i.e., 27-08-2021) Today, there are two sessions.

In first session which was hosted by Dr.G.V.Arunamayi, Mr . Adinarayana Murty garu Data Scientist,HP gave a informative talk on "Applications Of Data Sciences In Academics" from 10:00 am to 11:30am and participants attended the session.

The second session was hosted by Dr. G.V.Arunamayi and that was a Valedictory session, in which we took feedback from the participants and we are happy to tell that we got positive feedback and some suggestions. And the session ended with vote of thanks by Dr.G.V.Arunamayi.

Godavari Institute of Engineering & Technology (A) DP-71

Section 2

List of Participating Institutions/ Departments/Offices

1. Godavari Institute of Engineering & Technology (A)
2. GIET Engineering College
3. Pragati Engineering College (A)
4. Gudlalleru Engineering College
5. Ideal Institute of technology kkd.

Section 3

List of Participants :

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Godavari Institute of Engineering & Technology (A) DP-71

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Godavari Institute of Engineering & Technology (A) DP-71

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Godavari Institute of Engineering & Technology (A) DP-71

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Section 4

Schedule of the program

Faculty Development Programme on
MATHEMATICAL AND STATISTICAL MODELLING
(23rd – 27th Aug, 2021)

Lecture Schedule



DATES	MORNING (10:00-11:00 AM)	AFTERNOON (2:00-3:00 PM)
23-08-2021	Inauguration and Briefing about FDP	“Mathematical Modelling of Earth’s Outer Core” Dr. A.BENERJI BABU, Associate Professor, Department of Mathematics, NIT WARANGAL
24-08-2021	“Mathematical Models For Fluid Dynamical Problems” Dr. C.S.K.RAJU, Assistant Professor, Department of Mathematics, GITAM, Bangalore	“Role of statistics in different fields” Dr. N.MADHAVI, Assistant Professor, Dept. of Statistics, Govt College, Rajahmundry.
25-08-2021	“Data Analysis Using SPSS” Dr.Begari Muniswamy, Professor, Department of Statistics, Andhra University.	“Stochastic Models – A Special Case to Type-II Diabetes” Dr. KIRAN KUMAR PAIDIPATI, Assistant Professor, Dept. of Statistics, Lady Shri Ram College for Women, Delhi.
26-08-	“Statistical Application Using in Real	“Mathematical Modelling of Fluid Flow



Godavari Institute of Engineering & Technology (A) DP-71

2021	Life Time” Dr. G.RAMESH, Assistant Professor, Acharya N.G.Ranga Agricultural University, Rajahmundry.	Problems and Solutions” Dr. MATTA ANJANNA, Assistant Professor, Department of Mathematics, ICFAI University, Hyderabad.
27-08- 2021	“Applications of data science in academics” Mr. AdinarayaMurthy, Data Science Manager, HP.	Valedictory and Remarks

Section 6

List of Resource persons

DATES	MORNING (10:00-11:00 AM)	AFTERNOON (2:00-3:00 PM)
23-08-2021		“Mathematical Modelling of Earth’s Outer Core” Dr. A.BENERJI BABU , Associate Professor, Department of Mathematics, NIT WARANGAL
24-08-2021	“Mathematical Models For Fluid Dynamical Problems” Dr. C.S.K.RAJU , Assistant Professor, Department of Mathematics, GITAM, Bangalore	“Role of statistics in different fields” Dr. N.MADHAVI , Assistant Professor, Dept. of Statistics, Govt College, Rajahmundry.
25-08-2021	“Data Analysis Using SPSS” Dr.Begari Muniswamy , Professor, Department of Statistics, Andhra University.	“Stochastic Models – A Special Case to Type-II Diabetes” Dr. KIRAN KUMAR PAIDIPATI , Assistant Professor, Dept. of Statistics, Lady Shri Ram College for Women, Delhi.
26-08-2021	“Statistical Application Using in Real Life Time” Dr. G.RAMESH , Assistant Professor, Acharya N.G.Ranga Agricultural University, Rajahmundry.	“Mathematical Modelling of Fluid Flow Problems and Solutions” Dr. MATTA ANJANNA , Assistant Professor, Department of Mathematics, ICFAI University, Hyderabad.
27-08-2021	“Applications of data science in academics” Mr. AdinarayaMurthy , Data Science Manager, HP.	



Section 7

FINANCIAL LAYOUT (Not Applicable for this FDP, Since its Online)

S.N O	Date	Name of the Expert	Honorarium	TA	OTHER MISC(SHAW L/MEMENT OES	ACCOMODATIO N
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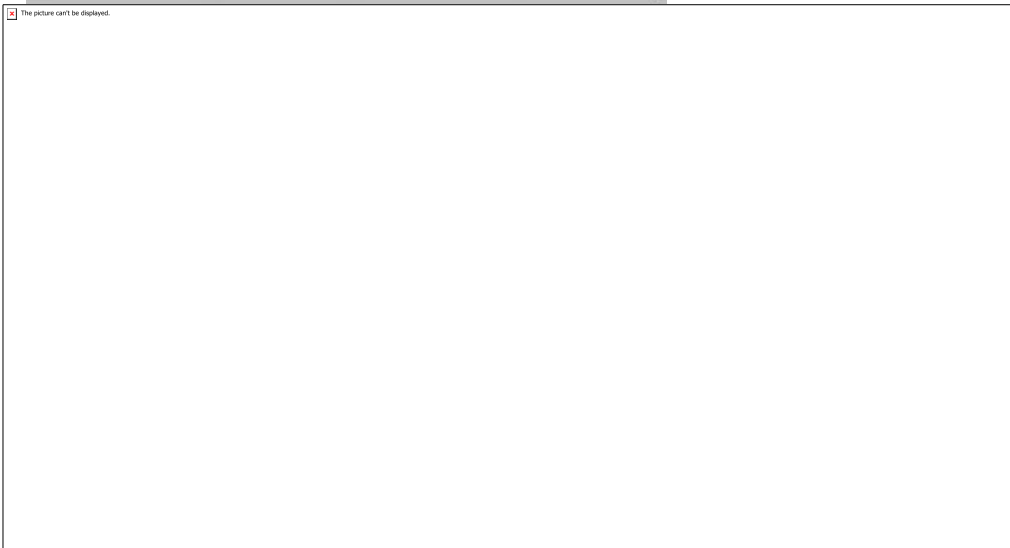
Financial Layout

Financial Support, if any (please provide proof) :

S No	Organisation / Individual	Fund Received	Remarks
1	-	No	No

Note-1: Event Budget formats should be used according to the need. Annuxere-1

Section 8 :PHOTOGRAPHS





Godavari Institute of Engineering & Technology (A) DP-71

“Mathematical Modelling of Earth’s Outer Core”



Dr. A.BENERJI BABU,
Associate Professor,
Department of Mathematics,
NIT WARANGAL

Meeting number: 912 348 178

Password: GIER

<https://sifytrial.webex.com/sifytrial/j.php?MTID=me25fcd4ea1c402019cf4b3f1f4b7dd10>

DAY-2

DATE: **24-08-2021**, Wednesday TIME: 10:00-11-00
AM

"Mathematical Models For Fluid Dynamical Problems"



Dr. C.S.K.RAJU, Assistant Professor, Department of
Mathematics,
GITAM, Bangalore **Meeting number:**

918 419 150 Password: GIER

<https://sifytrial.webex.com/sifytrial/j.php?MTID=m46c41dbb61d487905caad040b52ee3d4>

TIME: 2:00-3:00 PM

"Role of statistics in different fields"



Dr. N.MADHAVI, Assistant Professor, Dept. of Statistics, Govt
College, Rajahmundry.

Meeting number: 919 461 734 Password:
GIER

<https://sifytrial.webex.com/sifytrial/j.php?MTID=mb0dd241f7cd245e114a715c572eb302f>

DAY-3

DATE: **25-08-2021**, Thursday

TIME: 10:00-11:00 AM

"Data Analysis Using SPSS"



Dr. Begari Muniswamy, Professor, Department of Statistics, Andhra University.

Meeting number: 910 205 543 Password: GIER

<https://sifytrial.webex.com/sifytrial/j.php?MTID=m9e1c19bd7e6aacee114d76050bee9469>

TIME: 2:00-3:00 PM

"Stochastic Models – A Special Case to Type-II Diabetes"



Dr. KIRAN KUMAR PAIDIPATI, Assistant Professor, Dept. of Statistics, Lady Shri Ram College for Women, Delhi

Meeting number: 912 174 377 Password: GIER

<https://sifytrial.webex.com/sifytrial/j.php?MTID=mf49a2f72bcd8541cf0b7d26e91e94634>

.DAY-4

DATE: 26-08-2021, Friday

TIME: 10:00-11:00 AM "Statistical Application Using in Real Life Time"



Dr. G.RAMESH, Assistant Professor,
Acharya N.G.Ranga Agricultural University, Rajahmundry.

Meeting number: 916 825 865

Password: GIER

<https://sifytrial.webex.com/sifytrial/j.php?MTID=mf58644594ec6924ce071f10ac82c769c>

IME: 2:00-3:00 PM

Mathematical Modelling of Fluid Flow Problems and Solutions



Dr. MATTA ANJANNA, Assistant Professor, Department of
Mathematics, ICFAI University, Hyderabad.

Meeting number: 916 611

322Password:

GIER

<https://sifytrial.webex.com/sifytrial/j.php?MTID=md0544872fd5f392c57e2d98164ce3c85>

DAY-5

DATE: 27-08-2021, Saturday

TIME: 10:00-11:00 AM

"Applications of data science in academics"



Mr. Adinaraya Murthy, Data
Science Manager, HP. Meeting
number: 917 050 934

Password: GIER <https://sifytrial.webex.com/sifytrial/j.php?MTID=m6a72f68d08a54a62b49d8ac4626d24b6>

Concluding remarks on the Event.

Valedictory Report:

Good Evening to you All.

Its indeed a great pleasure to conduct the FDP on Mathematical and Statistical Modelling.

We are really very very excited for the huge response in just a few days of notification.

We wholeheartedly like to thank one and all who are responsible for this FDP to be a grand success.

First let me thank our college management for giving us encouragement to conduct the FDP.

I would like to thank Sri.K.Sasi Kiran Varma garu, Vice Chairman, GIET Institutions for his constant encouragement for conducting these FDPs.

I would also like to thank Dr. Subba Raju garu for his valuable support. On this occasion, I thank wholeheartedly the Principal of GIET(A) Dr.P. M.M.S.Sarma garu for his constant support and encouragement.

I would also like to thank our Vice Principal Madam Dr.N.Leelavathi garu for her constant support and for giving us her valuable suggestions.

I would now like to thank our dynamic DEAN Of HBS department Dr. Kusuma Kumari garu for her valuable suggestions and her day to day support for the smooth conduct of the FDP.

I would also like to mention and thank for their support given by the faculty of H.B..S department.

Now, I wholeheartedly from the bottom of my heart would like to thank all the resource persons who immediately agreed upon our request to share their knowledge. In spite of their busy schedule, they spared their valuable time to share their knowledge to the participants.

Thanks a million to all the resource persons.

I also would like to thank all the participants for their response and for their active participation in this FDP. Its really been a great pleasure to meet you all. We welcome your feedback regarding this FDP as it would be useful for us to conduct FDPs in future.

In the end I would like to thank my colleague Dr.N.V

Koteswara Rao for taking all pains along with me for the smooth conduct of the FDP. I have no words to say but Thanks, Thanks and Thanks.

Jai Hind.

ONLINE MEETING DETAILS 064 692 Password: GIER

<https://sifytrial.webex.com/sifytrial/j.php?MTID=m7257104dd0b00e8e34ba6d2dedae75b6>



Godavari Institute of Engineering & Technology (A) DP-

71

Concluding remarks on the Event.

Faculty Coordinator: Dr.V.Sarath Chandra

Signature with date : *Dr.V.Sarath Chandra*

:

Head of the Department: Dr. V.Kusuma Kumari -DEAN HBS

Signature with date : *V. Kusuma Kumari*

Dr. V. KUSUMA KUMARI
DEAN - HBS
Godavari Institute of Engineering & Technology (A)
NH-15, Challaraj Knowledge City
RAJAHMUNDRY - 533 296, E.G. DIST., (A.P.)



**REPORT ON
FDP on Mobile Application Development**

Date: 15/11/2021 to 20/11/2021



Department of Computer Applications

**GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY
(AUTONOMOUS)**

Chaitanya Knowledge City, NH-16, Rajahmundry 533296, AP

Contents:

Section	Description	Page No
1	Brief Report of the Event	3
2	List of Participating Institutions/ Departments/Offices	3
3	List of Participants	3-4
4	Schedule of the Event	5
5	Event Broacher & Certificates	5
6	Financial Layout	6
7	Conclusion	6

Section 1

Brief Report of FDP on Mobile Application Development:

This Faculty Development Programme is hosted by Department of Computer Applications established in the year 2002. This FDP is intended to be a comprehensive, in-depth guide to Mobile application development is the set of processes and procedures involved in writing software for small, wireless computing devices, such as smart phones and other hand-held devices

Objectives of the program : Mobile app development is rapidly growing. From retail, telecommunications and e-commerce to insurance, healthcare and government, organizations across industries must meet user expectations for real-time, convenient ways to conduct transactions and access information.

Organization of Event : GIET (A)
 For whom : Faculty from GIET (A) & various Colleges
 Organizing team : MCA Department
 Speaker Names : Dr.Ch.Radhika Rani, Dr.L.V.Ramesh, Dr.N.V.S.L Raju

List of Participating Institutions/ Departments/Offices



Godavari Institute of Engineering & Technology, Rajahmundry

GIET-Campus Faculty and Other Colleges

S.No	Name of the participant	Position
1	R.Tamilkodi	Faculty
2	L V Kiran	Faculty
3	K Praveen Kumar	Faculty
4	G Satya Lakshmi	Faculty
5	S Pravallika	Faculty

6	N Durga Devi	Faculty
7	N VV Pravallika	Faculty
8	G Rajesh	Faculty
9	D Sudha Rani	Faculty
10	K N V Srinivas	Faculty
11	A Siva Kumar	Faculty
12	V Ajay Kumar	Faculty
13	D Phani Kumar	Faculty
14	N Mamatha Violet	Faculty
15	P Kranthi Kumari	Faculty
16	N Gowri Sree Lakshmi	Faculty
17	J Prasada Rao	Faculty
18	K Naga Babu	Faculty
19	T Prabhakar Rao	Faculty
20	V Sangameswar	Faculty
21	B Srinivas Raja	Faculty
22	Vijendra Kumar	Faculty
23	M Venkata Naga Raju	Faculty
24	K Seetha Rama Raju	Faculty
25	PSS Shashank	Faculty
26	K Simhadri	Faculty
27	M Durga Prasad	Faculty
28	K Chakra Rao	Faculty
29	P Omkar	Faculty
30	S Suneetha	Faculty

Schedule of the Event:

<p>Organising Committee Chief Patron Shri. K.V. Satyanarayana Raju Chairman, Chaitanya Group</p> <p>Patrons Shri. K. Sasi Kiran Varma Vice-chairman, Chaitanya Group</p> <p>Smt. K. V. V. Lakshmi Executive Director, Chaitanya Group</p> <p>Co-Patrons Dr. D. L. N. Raju CEO, Chaitanya Group P. Subba Raju General Manager, GIET Institutions</p> <p>Chairperson Dr. P.M.S Sharma Principal, GIET(Autonomous)</p> <p>Convener Dr. R.Tamilkodi Head of the Department, MCA Email: hod.mca@giet.ac.in</p> <p>Co-Ordinators Mr. L.V.Kiran, Assistant Professor, Department of MCA Mr. K.Praveen Kumar Assistant Professor, Department of MCA</p>	<p>A ONE WEEK FACULTY DEVELOPMENT PROGRAM "Mobile Application Development" Resource Speakers</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;"> <p>Dr. Radhika Rani Chintala, Associate Professor, Department of CSE, KL University</p> </div> <table border="1" style="width: 100%; text-align: center;"> <tr> <td style="width: 50%;"> <p>Dr. L.V. Ramesh, Assoe Professor, Dept of CSE, CMR technical campus</p> </td> <td style="width: 50%;"> <p>Dr. N.V.S.L. Raju, Associate Professor, Dept of CSE, GVP(A) Visakhapatnam</p> </td> </tr> </table> <p>Outcomes:</p> <ul style="list-style-type: none"> ✓ Mobile Computing ✓ Android Development Environment ✓ Mobile Software Engineering ✓ Frameworks and Tools ✓ Generic UI Development ✓ VUIs and Mobile Apps ✓ Text-to-Speech Techniques ✓ Designing the Right UI ✓ Android App Development <p>Target Participants: Research scholars, PG Students, Faculty Members and Industrialists. The Number of Participants is limited, and the selection is on a First Come First Serve Timing: 9 am to 1pm and 2 pm to 6 pm.</p>	<p>Dr. L.V. Ramesh, Assoe Professor, Dept of CSE, CMR technical campus</p>	<p>Dr. N.V.S.L. Raju, Associate Professor, Dept of CSE, GVP(A) Visakhapatnam</p>	 <p>A ONE WEEK FACULTY DEVELOPMENT PROGRAM "Mobile Application Development" On 15-11-2021 to 20-11-2021 Organized By Department of MCA</p>  <p>Godavari Institute of Engineering & Technology (Autonomous)</p> <p>Approved by AICTE [NAAC "A"] Recognized by UGC I Permanently Affiliated to JNTUK</p> <p>NH-16, Chaitanya Knowledge City, Rajahmundry, 533296</p> <p>Registration Fee: Rs. 500/- include Lunch and Refreshments. Registration link: https://forms.gle/Cf8juM3cXKDt1c17</p>
<p>Dr. L.V. Ramesh, Assoe Professor, Dept of CSE, CMR technical campus</p>	<p>Dr. N.V.S.L. Raju, Associate Professor, Dept of CSE, GVP(A) Visakhapatnam</p>			

Certificates:

GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY(A)
NH-16, Chaitanya Knowledge City, Rajahmundry-533 296



AUTONOMOUS

Certificate of Participation

This is to certify that Mr.D.PHANI KUMAR, has participated in the One Week Faculty Development Program on "FDP on Mobile Application Development" held from 15-11-2021 to 20-11-2021, Organized by Department of MCA.

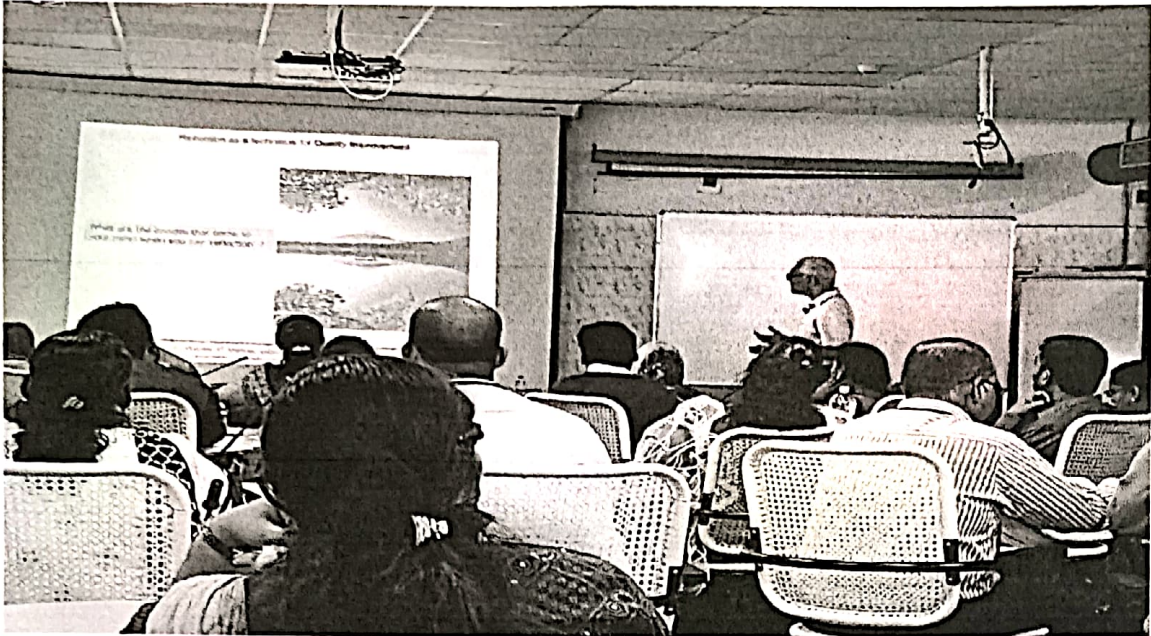


HOD



Principal

Photographs:



Financial Layout

S.No	Total Expenditure	Estimated Budget(in Rs.)
1	Honorarium to Resource Persons	Rs.30,000

Concluding remarks on the Event:

“Report on FDP on Mobile Application Development being organized by Department of Computer Applications during 15-11-2021 to 20-11-2021 submitted.



21/11/2021

Coordinator: Mr.L.V.Kiran, Mr.K.Praveen Kumar Assistant Professors MCA

Signature with Date


Head of the Department
21/11/2021

Head of the Department
Signature with Date: Applications
Godavari Institute of Engg & Technology
NH-16, Chaitanya Knowledge City
Rajahmundry - 533296

REPORT ON
A
Faculty Development Program
On
"30 Days Master Class on EV design "

Date: **02-02-2022 to 03-03-2022**



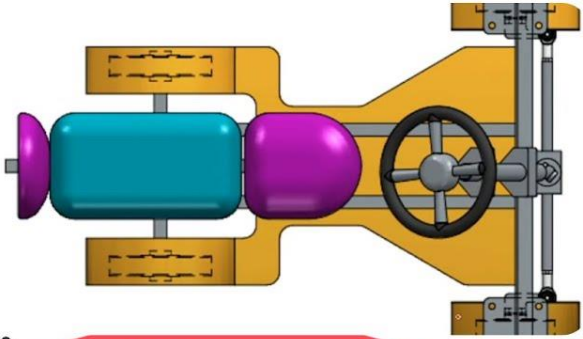
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

**GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY
(AUTONOMOUS)**


Chaitanya Knowledge City, NH-16, Rajahmundry 533296, A.P.

EV CAR

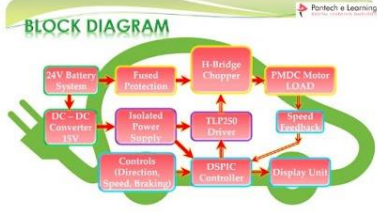
PROTOTYPE V1.0



7010888841
www.pantechelearning.com

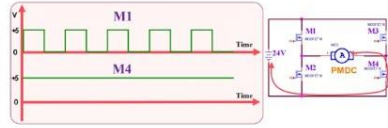


BLOCK DIAGRAM



Pulse Generation Method

• Forward Motoring Operation.



Brief Report of the Event:

About the Institute:

Pantech Elearning is a training institute for Python, Java, AI, ML and Android1. It is based in Hyderabad and Chennai, India

1. Pantech Elearning Private Limited (PEPL) is a Private Limited Indian Non-Government Company
2. Pantech E Learning was started in 2004 and aims to be a leader in the area of Technical Training's, Products & Research Initiatives.

About the Course:

The 30 Hour EV Design Mastermind Workshop is a LIVE Hands-on journey to help go from Zero to Hero in EV Design (from the scratch). Real time EV Testing participants to evaluate the effectiveness of EV - motor & battery technologies and helping them to optimize their project.
0891-2701818



Signatures of the Faculty attended:

1. Mr. K Sivaprasad – 



REPORT ON
A
ONE WEEK FACULTY DEVELOPMENT
PROGRAMME
On
"ENERGY MANAGEMENT SYSTEMS"

Date: **30-05-2022 TO 04-06-2022**



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

**GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY
(AUTONOMOUS)**

Chaitanya Knowledge City, NH-16, Rajahmundry 533296, A.P.



FACULTY DEVELOPMENT PROGRAMME (FDP) ON ENERGY MANAGEMENT SYSTEMS



(30-05-2022 TO 04-06-2022)

Organized by

E & ICT Academy, National Institute of Technology, Warangal

At

Pragati Engineering College (Autonomous), Surampalem, E.G. Dist., A.P.

(Sponsored by Ministry of Electronics and Information Technology (MeitY), GOI)

Preamble:

"Electronics & ICT Academy" was set up at NIT Warangal with financial assistance from MeitY, GoI. The jurisdiction of this academy is Telangana, Andhra Pradesh, Karnataka, Goa, Puducherry and Andaman & Nicobar Islands. This academy role is to offer faculty development programmes in standardized courses and emerging areas of Electronics, Information Communication Technologies, training & consultancy services for Industry, Curriculum development for Industry, CEP for working professionals, Advice and support for technical incubation and entrepreneurial activities.

About the FDP:

This FDP introduces fundamental theory, recent developments, applications and research outcomes addressing the related theoretical and practical aspects on "Recent Trends in Power Electronics Applications in Smart Grid, Electric Vehicles and Renewable Energy".

Major Course Contents:

- Recent trends in Power Electronics & sustainable energy
- Renewable energy sources and its interconnection to Power Grid
- Power Electronics Application in Smart Grid
- Energy storage systems and Micro-grids
- Control of Grid connected Power Electronic System with Real-time Controllers
- Efficient Home Appliances and Power Quality
- Electric Vehicles and Smart Urban Transportation

Faculty conducting this programme:

The programme will be conducted by the faculty members from NIT Warangal; Academicians in the concerned field from IITs/NITs/IITs/Central Universities/Scientific Organizations are invited to deliver lectures in the programme. Speakers from industries are also expected to deliver as part of the course.

Eligibility:

The programme is open to faculty of Engineering Colleges, MCA Colleges and other allied disciplines in India. Industry personnel working in the concerned /allied discipline can also attend.

Registration Fee Particulars:

Faculty and Research Scholars	2500/-
Industry Participants	7500/-

*The fee is to be paid either in the form of DDs or online transfer using the following details:

DD Details	Online Transfer Details
Demand Draft in favor of "Electronics & ICT Academy NITW, NIT Warangal" payable at any bank in Warangal	Account Name: Electronics & ICT Academy NITW Account No: 62423775910 IFSC: SBIN0020149

Accommodation:

Accommodation will be provided to the selected outside participants on prior request. No TA/DA will be paid for the participants. Working Lunch, Tea & Snacks would be provided during the Training in the campus.

Venue: Conference Hall & EEE Labs, Pragati Engg. College.

How to apply:

A filled in form of application in the prescribed format duly signed and sponsored by appropriate authorities (along with demand draft) should reach the coordinator by speed-post. It is also mandatory to send scanned application form and demand draft through e-mail to hod_eee@pragati.ac.in. Selection will be intimated only through mail.

Selection Criteria:

Selection will be done based on first-come-first-serve basis to a maximum number of 50 (fifty). Additionally 10 participants from industry are allowed to participate. The list of selected participants will be intimated through e-mail. In case a candidate is not selected, the DD will be sent back. Candidates will be issued satisfactory certificates on successful completion of the course. Reservations are followed for selecting candidates as per GoI norms.

Important dates:

Last date (Application & DD)	20-05-2022
Selection List by E- mail	25-05-2022
Duration	30-05-2022 TO 04-06-2022

About NIT Warangal:

National Institute of Technology, Warangal is the first among 17 RECs setup as joint venture of the Government of India and the state government. Over the years the college has established itself as a premier Institute imparting technical education of a very high standard leading to the B.Tech degrees in various branches of engineering, M.Tech. and PhD programs in various specializations. All B. Tech and M. Tech programmes of NIT Warangal are NBA accredited.

About Pragati Engineering College:

Pragati Engineering College (A) was established in the year 2001, by M/s GAYATRI EDUCATIONAL SOCIETY in Surampalem, East Godavari District, A.P. The institution is accredited by NAAC with "A" Grade in the year 2015 and attained the Autonomous status in 2016. Pragati has been graded as GOLD in the AICTE-CII survey of Industries - Linked Technical Institutions - 2016. It is rated as "A" grade by Knowledge Mission, Govt. of India. Pragati has been designated as centre of Excellence (Knowledge Exchange Centre) by M/s Infosys Ltd and R&D division of our college has sponsored Research Projects and consultancy works to the tune of one crore. College is identified as APSSDC Siemens - Technical Skill, Development Centre and established laboratories in collaboration with Siemens and with GAIL. College is recognized as CM's Centre of Excellence, Pragati Innovation Hub - Knowledge Partner Deloitte and is having AI and Deep Learning laboratory and Dassault systems laboratory. College attained AAA rating for the year 2017 by Careers 360 and has been ranked one among the Top 10 Colleges in A.P. by Silicon India.

Brief Report of the Event:

❖ Introduction

The Energy Management System (EMS) event held on [Event Date] brought together industry experts, stakeholders, and technology enthusiasts to discuss the latest trends, innovations, and challenges in the field of energy management. The event served as a platform for knowledge-sharing and networking opportunities.

1. Keynote Speakers

The event featured keynote speakers from renowned organizations and experts in the energy management sector. They shared valuable insights and discussed the following topics:

- **Future of Energy Management:** Speakers discussed emerging technologies such as AI, IoT, and machine learning in EMS, and their potential to revolutionize energy efficiency.
- **Sustainability and Environmental Impact:** The importance of EMS in achieving sustainability goals and reducing the environmental footprint was a prominent theme.
- **Challenges and Solutions:** Experts addressed challenges related to data security, integration complexity, and resistance to change. They also proposed solutions to overcome these barriers.

❖ Panel Discussions

Several panel discussions were organized, covering a wide range of EMS-related topics:

- **Commercial and Industrial Applications:** Panelists explored the practical applications of EMS in commercial buildings, industrial facilities, and the resulting cost savings and efficiency improvements.
- **Residential Energy Management:** The panel discussed the role of EMS in smart homes, including energy-efficient appliances, demand response, and the integration of renewable energy sources.
- **Regulatory Framework and Compliance:** Experts shared insights into the evolving regulatory landscape and the importance of compliance with energy efficiency standards.

❖ Technology Showcase

The event featured a technology showcase where EMS solution providers and startups exhibited their products and services. Attendees had the opportunity to explore the latest EMS software, hardware, and IoT devices.

❖ Networking Opportunities

The event facilitated networking among attendees, allowing for valuable connections and collaborations. Participants had the chance to exchange ideas and forge partnerships in the energy management space.

❖ Conclusion

The Energy Management System event proved to be a valuable platform for knowledge exchange and collaboration. It highlighted the importance of EMS in achieving energy efficiency, sustainability, and cost savings across various sectors. The event's discussions and presentations left attendees with a deeper understanding of the evolving EMS landscape and its potential to shape the future of energy management.



PRAGATI ENGINEERING COLLEGE

(Autonomous)

Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada, Accredited by NAAC with 'A' Grade,
Recognized by UGC under sections 2(f) & 2(b) of UGC Act, 1956. ADB Road, Surampalem,
Near Peddapuram, E.G.Dt., AP – 533 437. Ph: 08852 – 252233, 34. Website: www.pragati.ac.in

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

One Week Faculty Development Programme (FDP)

"ENERGY MANAGEMENT SYSTEMS"

Certificate of Participation

This is to certify that Ms. B. Kavya Santhoshi Assistant Professor

Of Godavari Institute of Engineering & Technology (A) has actively in One Week Faculty Development Program (FDP) on "**ENERGY MANAGEMENT SYSTEMS**" from 30-05-2022 to 04-06-2022 organized by Department of Electrical & Electronics Engineering, Pragati Engineering College.



Dr. A. MOHAN DURGA KUMAR
Coordinator & HOD-EEE



Dr. K. SATYANARAYANA
Principal



PRAGATI ENGINEERING COLLEGE

(Autonomous)

Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada, Accredited by NAAC with 'A' Grade,
Recognized by UGC under sections 2(f) & 2(b) of UGC Act, 1956. ADB Road, Surampalem,
Near Peddapuram, E.G.Dt., AP – 533 437. Ph: 08852 – 252233, 34. Website: www.pragati.ac.in

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

One Week Faculty Development Programme (FDP)

"ENERGY MANAGEMENT SYSTEMS"

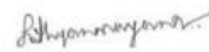
Certificate of Participation

This is to certify that Dasari Vani, Assistant Professor

Of Godavari Institute of Engineering & Technology (A) has actively in One Week Faculty Development Program (FDP) on "**ENERGY MANAGEMENT SYSTEMS**" from 30-05-2022 to 04-06-2022 organized by Department of Electrical & Electronics Engineering, Pragati Engineering College.



Dr. A. MOHAN DURGA KUMAR
Coordinator & HOD-EEE



Dr. K. SATYANARAYANA
Principal

Signatures of the Faculty attended:

1. Mrs D Vani - 
2. Mr. B Kavya Santhoshi - *B.kavya*



HOD
Head of The Department
Electrical & Electronics Engg
GIET(A), RAJAHMAHENDRAVARAM

REPORT ON
A
Faculty Development Program
On
"Recent trends in Electrical Engineering "

Date: **16-08-2021 to 23-08-2021**



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

**GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY
(AUTONOMOUS)**

Chaitanya Knowledge City, NH-16, Rajahmundry 533296, A.P.

Brief Report of the Event:

About the College:

Geethanjali Institute of Science and Technology (GIST) is an engineering college located in Kovur, Andhra Pradesh, India. It was established in 2008 by the Ushodaya Educational Society with the aim of providing quality engineering and technical education to rural and underprivileged students on par with the cream of society 1. The college is approved by AICTE, New Delhi, and affiliated with Jawaharlal Nehru Technological University (JNTU), Anantapur. It is also ISO certified (9001:2008) 2. The college offers undergraduate courses in various engineering disciplines such as Computer Science, Electronics and Communication, Electrical and Electronics, Mechanical, Civil Engineering, and postgraduate courses in Computer Science and Engineering, Power Electronics, and Power Systems 1. The campus is well-connected by road with NH5 at 3 KM and Mumbai State Highway at about 500 Meters away. The nearest Railhead is just 5 KM away. A network of roads and a variety of transport options at regular frequency make it accessible from different places 1.

About the FDP:

Recent trends in electrical engineering include the rapid growth of renewable energy integration and energy storage solutions, the development of smart grids and IoT devices, advancements in power electronics for electric vehicles and renewable energy systems, increased use of AI and machine learning for system optimization, a focus on electrifying transportation and industrial processes, cybersecurity measures for critical electrical infrastructure, and ongoing research in 5G and beyond for wireless communication. These trends reflect the field's evolution towards sustainability, efficiency, and digitalization in various sectors, from energy generation to healthcare.



Signatures of the Faculty attended:

1. Dr. B Kavya Santhosh – 



REPORT ON
A
Faculty Development Program
On
"Faculty Development Program on Integration of
Green Energy Resources"

Date: **01-02-2022 to 07-02-2022**



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY
(AUTONOMOUS)

Chaitanya Knowledge City, NH-16, Rajahmundry 533296, A.P.

REGISTRATION LINK & QR CODE
<https://forms.gle/BD8wwfU4RKVFT67UA>

IMPORTANT DATES
 Last Date for Online Registration: 25th January 2022
 Confirmation through E Mail: 28th January 2022

Note: After the online registration process is completed, participants are requested to send us the scanned copy of filled in registration form (refer page-4) to pragaspathy.s@vishnu.edu.in

WHO CAN ATTEND?
 Faculty, Research scholars and practicing engineers looking to expand their knowledge in the area of green energy technologies in context of both software & hardware technology and its applications can participate. Persons from R&D organizations and relevant Industries can also participate.

GUIDELINES AND INSTRUCTION TO PARTICIPANTS

- Refresher program will be conducted in online mode through MS Teams for duration of 4 1/2 to 6 hours on all six days from 1st February 2022 to 7th February 2022. Participants willing to enroll in this online program should have the provision of laptop/desktop/smart phone with good quality internet connection and other audio-visual facilities, as required for online training. Maximum number of participants limited to 100 only.
- No Registration Fee will be collected from the participants
- Registration selection process is based on First-Come-First-Serve and Priority should be given to ISTE Life Members
- The certificates shall be issued to only those participants who have attended the program with Minimum 80% attendance and scored Minimum 60% marks in the online test (On Daily and Final Day)

Convener and Chief Coordinator
Dr. R V D Rama Rao
 Professor & Head
 Electrical and Electronics Engineering
 ☎ 9908740746

Coordinators
Dr. S. Pragaspathy, Asso. Prof/EEE
 ☎ 98421 07013
Mr. Ch. Phani Kumar, Asst. Prof/EEE
 ☎ 94914 43255
Mr. K N S D Prakash, Asst. Prof/EEE
 ☎ 8885720346

AICTE-ISTE Sponsored One Week Online Induction/Refresher Programme
"Integration of Green Energy Resources"
 1st to 7th February, 2022

Approved & Sponsored by
 All India Council for Technical Education (AICTE), New Delhi
 Indian Society for Technical Education (ISTE), New Delhi

Organized by
 Department of Electrical and Electronics Engineering
Vishnu Institute of Technology
 (An Autonomous Institution, Accredited by NAAC (A++) & NBA)
 Bhimavaram, Andhra Pradesh 534 202
 Approved by AICTE, Affiliated to JNTU Kakinada
 +91 8816251333, +91 8816250344
www.vishnu.edu.in

Brief Report of the Event:

About the Institute:

Vishnu Institute of Technology (VIT) is a self-financed institute located in Bhimavaram, Andhra Pradesh, India. It was established in the year 2008 by the Shri Vishnu Educational Society (SVES) and is affiliated with Jawaharlal Nehru Technological University, Kakinada (JNTUK). The institute offers five undergraduate courses in engineering, which include Electronics and Communication, Electrical and Electronics, Computer Science, Information Technology, and Mechanical streams.

About the FDP:

AICTE - ISTE Sponsored "Six Day Online Induction/Refresher Program on Integration of Green Energy Resources" February 01 - 07, 2022

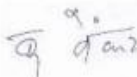
Date	Session 1 9.00 AM - 11.00 AM	11.00 AM - 11.15 PM	Session 2 11.15 AM - 01.15 PM	01.15 PM - 02.15 PM	Session 3 2.15 PM - 4.15 PM	4.15 PM - 04.45 PM
01-02-2022 (Tuesday)	Inaugural Session Dr. Pratapsinh K Desai Ph.D., President, ISTE, New Delhi Dr. Purushottam R Patil Ph.D., RO & AD, SCRO - AICTE Hyderabad	Session Break	An ignition for energy conservation and need for renewable energies. Dr. J Balanarugan Ph.D., Assistant Executive Engineer - Tamil Nadu Electricity Board	Lunch Break	Role of forecasting in green energy generation Dr. K D V Siva Krishna Rao Ph.D., Asst. Professor, Electrical Engineering, NIT Srinagar	Daily Assessment and Feedback
02-02-2022 (Wednesday)	Standalone renewable energy systems Dr. K Navin Sam Ph.D., Asst. Professor, Electrical & Electronics Engineering, NIT Puducherry		Hybrid integration of PV-Wind for a microgrid system Dr. M M Rajan Singaravel Ph.D., Asst. Professor, Electrical & Electronics Engineering, NIT Puducherry		Thermoelectric power generation: An overview Dr. B Biju Kumar Ph.D., Asst. Professor, Electrical & Electronics Engineering, NIT Puducherry	
03-02-2022 (Thursday)	Unintentional islanding of microgrids Dr. M Suman Ph.D., Asst. Professor, Electrical Engineering, MNNIT Allahabad		Control strategies for grid tied SPV systems Dr. B Chitti Babu Ph.D., Professor, Electrical Engineering, IIT Kancheepuram		Solutions for distributed generations, protection and control in microgrids Dr. D V Bhaskar Ph.D., Asst. Professor, Electrical Engineering, IIT Dhanbad	
04-02-2022 (Friday)	Efficient on-grid renewable energy conversion systems Dr. N. Jayaram Ph.D., Asst. Professor, Electrical Engineering, NIT Andhra Pradesh		Future Projection of ZEM's in India Dr. V. Karthikeyan Ph.D., Asst. Professor, Electrical Engineering, NIT Calicut		Trends in green energy technologies and electric vehicles Dr. R V D Rama Rao Ph.D., Prof. & Head - EEE, Vishnu Institute of Technology, Bhimavaram	
05-02-2022 (Saturday)	EV Mobility Towards Sustainable Development Dr. Vipin Das Ph.D., Master Trainer for Electric Vehicle International Automobile Centre of Excellence (IACE), Gujarat		Impact of renewable energy sources on LFC Dr. I Kasi Reddy Ph.D., Professor - EEE, Vishnu Institute of Technology, Bhimavaram		Research challenges and progress of SPV systems in India Dr. S Pragaspathy Ph.D., Professor - EEE, Vishnu Institute of Technology, Bhimavaram	
07-02-2022 (Monday)	National Educational Policy 2020 Prof. Mahaboob Hussain Professor - CSE, Vishnu Institute of Technology, Bhimavaram		Life of the Achievers - An idea to relieve your stress Mr. K. Balaramani (NLP Trainer) Founder, Super Success Academy		Final Assessment and Feedback	



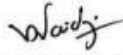
Certificate



This is to certify that **SIVAPRASAD KOLLATI** has successfully completed the AICTE-ISTE approved Orientation/Refresher Programme on **“Integration of Green Energy Resources”** held during **01.02.2022** to **07.02.2022** organized by **Vishnu Institute of Technology, Vishnupur, Bhimavaram, Andhra Pradesh.**



Director (FDC)
AICTE, ND



Executive Secretary
ISTE, ND



Program Coordinator
VIT, Bhimavaram



Principal
VIT, Bhimavaram

Signatures of the Faculty attended:

1. Mr. K Sivaprasad –



HOD
Head of The Department
Electrical & Electronics Engg
GIET(A), RAJAHMAHENDRAVARAM

18
633



Godavari Institute of Engineering & Technology (A) DP-71

REPORT ON

One Week Faculty Development Program on Data Science Fundamentals and Applications

Date (s): 06/12/2021 to 11/12/2021



**GODAVARI INSTITUTE OF ENGINEERING &
TECHNOLOGY (AUTONOMOUS)**

Chaitanya Knowledge City, NH-16, Rajahmundry 533296, AP

Brief Report of the FDP

The One Week Faculty Development Program on Data Science Fundamentals and Applications, hosted by Pragathi Engineering College, Surampalem, was a significant learning experience for participants seeking to expand their knowledge in the field of data science.

This FDP provided a comprehensive overview of data science fundamentals and their real-world applications. Here are the key highlights:

In-Depth Sessions: The program featured in-depth sessions covering various aspects of data science, including data analysis, machine learning, data visualization, and predictive modeling.

Hands-On Workshops: Participants had the opportunity to engage in hands-on workshops where they could apply data science concepts to real datasets. These practical sessions offered valuable insights and enhanced their data science skills.

Expert Faculty: Renowned experts in the field of data science conducted the sessions, sharing their expertise and insights. Participants benefited from their guidance and knowledge.

Real-World Applications: The FDP emphasized the practical application of data science in diverse domains, including finance, healthcare, and marketing. Case studies and examples illustrated the real-world impact of data-driven decision-making.

Hospitality: The participants were impressed with the warm hospitality provided by Pragathi Engineering College. The conducive learning environment and well-organized logistics contributed to a successful and comfortable learning experience.

Overall the One Week Faculty Development Program on Data Science Fundamentals and Applications received positive feedback from all participants. The program not only provided new information but also offered hands-on experience, enabling participants to develop practical skills that they can apply in both educational and professional settings. The interactive nature of the FDP encouraged knowledge sharing and networking among participants.

In conclusion, the Faculty Development Program on Data Science Fundamentals and Applications at Pragathi Engineering College, Surampalem, was a well-structured and informative event. It provided faculty members with a solid foundation in data science and equipped them with the tools and knowledge needed to integrate data science principles into their teaching and research. We extend our appreciation to the organizers, faculty, and staff for their efforts in making this FDP a resounding success.

We express our sincere gratitude to management and principal of GIET(A) and Pragathi Engineering College for hosting this valuable FDP and for their hospitality throughout the program.

FDP Details:

Workshop name:

One Week Faculty Development Program on Data Science Fundamentals and Applications

Dates: 06-12-2021 to 11-12-2021

Hosting Institute: Pragati College of Engineering, Surampalem

Certificates



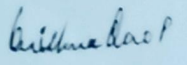
**PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)**

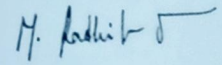
125, ADB ROAD, SURAMPALEM, NEAR PEDDAPURAM, E.G. DT., ANDHRA PRADESH, INDIA - 515 417

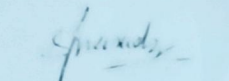
Certificate of Participation

Mr./Mrs.D.PHANI KUMAR,ASSISTANT PROFESSOR

has participated in One Week Faculty Development Programme on "Data Sciences Fundamentals and Applications" from 06/12/2021 to 11/12/2021 organized by Department of CSE, Pragati Engineering College (Autonomous)


Dr. P. Krishna Rao
Chairman


Dr. M. Radhika Mani
Head of the Department


Dr. S. Sambhu Prasad
Principal



**PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)**

178, ADB ROAD, SURAMPALEM, NEAR PEDDAPURAM, E.G. DT., ANDHRA PRADESH, INDIA - 531437

Certificate of Participation

Mr./Mrs.A.SIVA KUMAR,ASSISTANT PROFESSOR

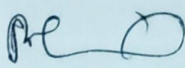
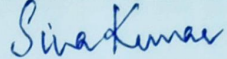




has participated in One Week Faculty Development Programme on "Data Sciences Fundamentals and Applications" from 06/12/2021 to 11/12/2021 organized by Department of CSE, Pragati Engineering College (Autonomous)

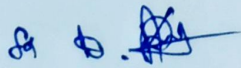
Dr. P. Krishna Rao
Chairman

Dr. M. Radhika Mani
Head of the Department

Dr. S. Sambhu Prasad
Principal

Faculty Attended List

Sl No	Faculty Name	Designation	Signature
1	Dr.R.Tamilkodi	Professor	
2	Mr. A. Siva Kumar	Assistant Professor	
3	Mr. D. Phani Kumar	Assistant Professor	
4	Mr. S. Mohan Krishna	Assistant Professor	
5	Mr. V Ajay Kumar	Assistant Professor	
6	Mr.LVenkateswara Kiran	Assistant Professor	



Head of the Department: Dr. B.Sujatha Professor, Dept. of CSE
Signature with date

Head of the Department
 Computer Science & Engineering
 Godavari Institute of Engineering & Technology (A)
 MH-16, Chaitanya Knowledge City,
 RAJMAHENDRAVARAM, A.P. India, 503 298.

6.33



Godavari Institute of Engineering & Technology (A) DP-71

REPORT ON

Workshop on Embedded Systems-An Application driven Approach

Date (s): 25/08/2021 to 27/08/2022



**GODAVARI INSTITUTE OF ENGINEERING &
TECHNOLOGY (AUTONOMOUS)**

Chaitanya Knowledge City, NH-16, Rajahmundry 533296, AP

Brief Report of the FDP

We are immensely grateful to the management and Principal of our institution for providing us with the invaluable opportunity to attend the Workshop on Embedded Systems - An Application-Driven Approach. This workshop, conducted by ARM and ATAL with sponsorship from the All India Council for Technical Education (AICTE), has been instrumental in enhancing our knowledge of embedded systems and their practical applications. The hands-on sessions, real-world examples, and collaborative learning environment have significantly enriched our understanding of this critical field. We extend our heartfelt thanks to the management and Principal for their unwavering support in our professional development, which will undoubtedly benefit our institution and its students in the years to come.

The workshop encompassed various facets of embedded systems and emphasized their real-world applications. Here are the key highlights:

Technical Sessions: The workshop featured technical sessions led by experts in the field of embedded systems. These sessions covered topics such as microcontroller architecture, embedded programming, and interfacing with sensors and actuators.

Practical Demonstrations: Hands-on practical demonstrations were an integral part of the workshop. Participants were provided with development kits and tools to experiment with embedded systems, enabling them to gain practical experience.

Application-Driven Learning: A unique feature of this workshop was its application-driven approach. Participants explored case studies and real-world examples of embedded systems in various domains, including automotive, healthcare, and consumer electronics.

Collaborative Learning: The workshop encouraged collaborative learning and knowledge sharing among faculty members. Group discussions and interactive sessions fostered the exchange of ideas and best practices.

Certification: At the conclusion of the workshop, each faculty member received a certificate of participation, recognizing their commitment to enhancing their knowledge of embedded systems.



AUTONOMOUS
NAAC 'A+' INSTITUTION

Godavari Institute of Engineering & Technology (A) DP-71

Brochure

arm



25-27 August, 2021

Embedded Systems: An Application-Driven Approach

Join us for a unique three-day virtual faculty workshop, where we'll take you through the fundamentals of embedded systems and beyond, with practical applications, case studies, and opportunities to win ST hardware.

Build your technical skills and learn how you can bring Embedded Systems, the IoT and AI to life!

Find out more and register for free

Read Event Block: <https://community.arm.com/education-hub/b/apurva-varma/posts/embedded-systems-application-driven-approach>

Event Report: https://community.arm.com/cfs-file/_key/telligent-evolution-extensions-calendar-calendarfiles/00-00-00-00-10/Faculty-Workshop-on-Embedded-Systems_2D00_An-application-driven-approach_5F00_Report_5F00_.pdf

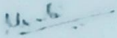
Registration link: <https://www.edx.org/course/embedded-systems-essentials-with-arm-get-practical-with-hardware>


Certificates

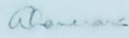


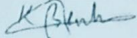
Certificate

This is to certify that *A Siva Kumar* from Godavari institute of Engineering and Technology, has participated in the workshop "Embedded Systems - An Application Driven Approach" organized by the All India Council for Technical Education (AICTE), ATAL Academy, STMicroelectronics and Arm Education, from August 25th - 27th 2021.


Mamta Rani Agarwal
Advisor-I, ATAL
Academy


Arnaud Julienne
Vice President, Microcontrollers and
Digital ICs Group,
IoT/AI Competence Center and Digital
Marketing,
Asia Pacific Region, STMicroelectronics


Guru Ganesan
Managing Director and
President, Arm India


Dr. Khaleel Benkrif
Senior Director, Education and
Research, Arm Ltd



AUTONOMOUS
NAAC 'A+' INSTITUTION

Godavari Institute of Engineering & Technology (A) **DP-71**



arm



Certificate

This is to certify that **D Sattibabu** from Godavari institute of Engineering and Technology, has participated in the workshop "Embedded Systems - An Application Driven Approach" organized by the All India Council for Technical Education (AICTE), ATAL Academy, STMicroelectronics and Arm Education, from August 25th - 27th 2021.

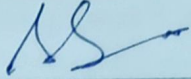
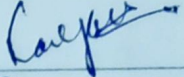
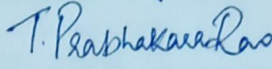
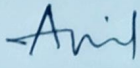
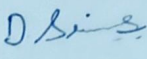

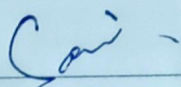
Mamta Rani Agarwal
Advisor-I, ATAL
Academy

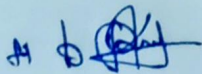
Arnaud Julien
Vice President, Microcontrollers and
Digital ICs Group,
IoT/AI Competence Center and Digital
Marketing,
Asia Pacific Region, STMicroelectronics

Guru Ganesan
Managing Director and
President, Arm India

Dr. Khaleel Benkrid
Senior Director, Education and
Research, Arm Ltd

Faculty Attended List

Sl No	Faculty Name	Designation	Signature
1	Dr.T.V.Prasad	Professor	
2	Mr.Shaik Yacoob	Sr. Assistant Professor	
3	Dr.T.Prabhakara Rao	Associate Professor	
4	Mr.A.Anil Chowdary	Assistant Professor	
5	Mr.D.Srinivas	Assistant Professor	
6	Mr.D.Om Prakash	Assistant Professor	
7	Mr.Y.Sai Naga Babu	Assistant Professor	



Head of the Department: Dr. B.Sujatha Professor, Dept. of CSE
Signature with date

Head of the Department
Computer Science & Engineering
Godavari Institute of Engineering & Technology (A)
NH-16, Chaitani, Knowledge City,
RAJAMAHENDRAVARAM, A.P India, 535 296.



Godavari Institute of Engineering & Technology (A) DP-71

REPORT ON

One Week Faculty Development Program on Full Stack Application Development

Date (s): 15/06/2022 to 21/06/2022



GODAVARI INSTITUTE OF ENGINEERING &
TECHNOLOGY (AUTONOMOUS)

Chaitanya Knowledge City, NH-16, Rajahmundry 533296, AP

Brief Report of the FDP

We are submitting a report on my participation in the "One-Week Faculty Development Program on Full Stack Application Development," which was held from June 15, 2022, to June 21, 2022. We represented GIET(A) during this enlightening program, which took place at GodlaValleru Engineering College.

The Faculty Development Program aimed to provide faculty members with in-depth knowledge and practical skills in Full Stack Application Development. The primary objectives of the program were:

- To equip educators with the latest tools, technologies, and best practices in Full Stack Development.
- To enhance participants' understanding of both front-end and back-end development.
- To foster collaboration and knowledge sharing among faculty members from various institutions.

The program was meticulously planned and executed, with a well-structured curriculum and expert speakers. It covered a wide range of topics, including:

- Front-end Development: Exploring HTML, CSS, JavaScript, and popular front-end frameworks.
- Back-end Development: Understanding server-side scripting languages, databases, and server management.
- Full Stack Application Building: Hands-on workshops on developing complete applications.
- Version Control: Best practices for version control using tools like Git.
- Deployment and Hosting: Techniques for deploying and hosting web applications.

Throughout the week, I had the privilege of attending informative sessions and engaging in practical exercises that deepened my understanding of Full Stack Application Development. The interactive nature of the workshops allowed for a thorough grasp of the concepts, and the practical application of these skills was emphasized.

We would like to express my heartfelt thanks to the management and principal of GIET(A) for affording us the opportunity to participate in this enriching Faculty Development Program. Such initiatives are instrumental in enhancing the skills and knowledge of faculty members, enabling us to provide a more enriching educational experience for our students.

The "One-Week Faculty Development Program on Full Stack Application Development" was an invaluable experience, and we are grateful for the support and encouragement I received to attend this workshop. We look forward to implementing the knowledge gained during this program in my teaching and research endeavors.

Brochure

ABOUT G.I.E.T

Seshadri Rao Gudlavalluri Engineering College is the vision of late Sri Vallurupalli Venkata Rama Seshadri Rao, the man behind the college. It was started in the year 1979 by the ANM & NVSR Educational Society with an intake of 110 students, 40 each in EEE, ECE and CSE branches and 40 in AME branch. Current intake of EE, EEE, AME, ECE, UEL and IT branches are 120, 120, 180, 240, 240 and 120 respectively. The college is situated at Gudlavalluri village and is surrounded by lush green fields providing serene learning environment. Gudlavalluri is 12 Km from Gudlavada, 22 km from Machilistaram and 38 Km from Vijayanagara. The nearest airport is Vijayanagara (Vijayanagara) 45 km. It also offers PG programs in M.Tech. and MBA. The college is an Autonomous Institute affiliated to JNTUK, Kakatiya and approved by AICTE. The institute is continuously striving for excellence by adopting changes to improve the systems, practices and procedures.

About the Departments

The Department of Computer Science and Engineering is one of the pioneer departments of G.I.E.T with an intake of 240 in 1977. The Department of Information Technology is established in the year 1999 and the present intake of the department is 170 in UG. The Department was accredited by NBA and under Tier-II in the year 2019. The students of the department are being selected through computer recruitment by reputed IT companies. Besides the teaching learning process, both the departments regularly conduct various programs like lectures, group discussions and refresher courses to enhance the skills of students and industry contacts. The departments are continuously striving to improve quality education and computer skill of students for academic excellence. The common University marks, high lab practical scores and placement of students at various software organizations in and around the country reflect the performance of the departments.

Chief Patron

Dr. Nagamma Rao Vallurupalli, Chairman
Sri Vallurupalli Ram Murugum, Chief Executive
Dr. Subramanyam Ram Vallurupalli
Sri Vallurupalli Corporation
Sri Ramakrishna Vallurupalli
G.I.E.T Society & Trusts, Gudlavalluri

Patron

Dr. G. S. N. B. Prasad, Principal

Co-Patrons

Dr. M. R. K. Sastry, Vice-Principal, Academic
Dr. P. Anandam Ramakrishna, Vice-Principal, Administration

Advisors

Dr. P. Nagamma Reddy, Director, I.T.
Sri Vallurupalli Corporation, Gudlavalluri (G.I.T.)
Dr. R. K. Kumar, former Director, (ASRA)
Dr. S. N. S. Reddy, Professor of OSE & MCA (ASRA)
Sri. Ramakrishna Kumar, Associate Professor & Member, (ASRA)

Coordinators

Dr. V. Babu Rao, Professor & Head, CSE
Dr. Ch. Kavitha, Professor & Head, IT

Convener

Mrs. K. Srilalitha,
Assistant Professor of CSE
Mobile: 991-8691348018
Mrs. P. Naga Seshavathi,
Assistant Professor of IT
Mobile: 991-8247879104

Important Dates

Last Date for Registration: 14.06.2022
Dates of Event: 15th - 21st June 2022

Registration Link

<https://www.giet.ac.in/Registration>

Registration Fee



One Week Online
Faculty Development Programme

on

Fullstack Application Development

15th - 21st June 2022

Organized

by

Departments of
Computer Science and Engineering
and
Information Technology

**GESHADRI RAO
GUDLAVALLURI ENGINEERING COLLEGE**
(An Autonomous Institute affiliated to JNTUK, Hyderabad)
53 Gudlavalluri, Gudlavalluri Village, Gudlavalluri
Gudlavalluri, Godavari District, Andhra Pradesh
Contact No: 991-8691348018
Phone: 2467447297, 2467288
Fax: 2467447297
E-Mail: info@gieta.ac.in, principal@gieta.ac.in
Website: www.godavariengineering.ac.in

Certificates

Seshadri Rao Gudlavalleru Engineering College

(An Autonomous Institute with Permanent Affiliation to JNTUK,
Kakinada) Seshadri Rao Knowledge Village, Gudlavalleru -521356.



Certificate of Participation



This is to certify that **D. SUSEELA**, Assistant Professor from **GODAVARI INSTITUTE OF ENGINEERING AND TECHNOLOGY**, Rajahmundry has successfully participated in the One week Online Faculty Development Program on "FULLSTACK APPLICATION DEVELOPMENT" organized by the Department of **COMPUTER SCIENCE AND ENGINEERING** of Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru in association with Brain O Vision Solutions Pvt Ltd from 15/06/2022 to 21/06/2022.

GANESH NAG DODDI

CEO Brainovision

K. Sri Lakshmi

K.SRI LAKSHMI

Co-ordinator

Dr. M. BABU RAO

HoD, CSE

Dr. G.V.S.N.R.V.PRASAD

Principal



AUTONOMOUS
NAAC 'A+' INSTITUTION

Godavari Institute of Engineering & Technology (A) **DP-71**

Seshadri Rao Gudlalleru Engineering College

(An Autonomous Institute with Permanent Affiliation to JNTUK,
Kakinada) Seshadri Rao Knowledge Village, Gudlalleru - 521356.



Certificate of Participation



This is to certify that **D. SUSEELA**, Assistant Professor from **GODAVARI INSTITUTE OF ENGINEERING AND TECHNOLOGY, Rajahmundry** has successfully participated in the One week Online Faculty Development Program on **"FULLSTACK APPLICATION DEVELOPMENT"** organized by the Department of **COMPUTER SCIENCE AND ENGINEERING** of Seshadri Rao Gudlalleru Engineering College, Gudlalleru in association with **Brain O Vision Solutions Pvt Ltd** from **15/06/2022 to 21/06/2022**.

GANESH NAG DODDI

CEO Brainovision

K. SRI LAKSHMI

Co-ordinator

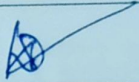
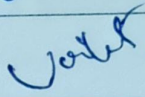
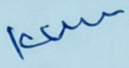
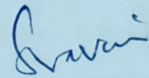

Dr. M. BABU RAO

HoD, CSE

Dr. G.V.S.N.R.V. PRASAD

Principal

Faculty Attended List

SI No	Faculty Name	Designation	Signature
1	Ms. D.Susheela	Assistant Professor	
2	Ms. N Mamatha Voilet	Assistant Professor	
3	Ms. P. Krinithi Kumari	Assistant Professor	
4	Mrs.M V. Sravani Kumari	Assistant Professor	
5	Mrs.M P. Prasanna Lakshmi	Assistant Professor	



Head of the Department: Dr. B.Sujatha Professor, Dept. of CSE
Signature with date

Head of the Department
Computer Science & Engineering
Godavari Institute of Engineering & Technology (A)
NH-16, Chaitanya Knowledge City,
RAJAMAHENDRAVARAM. A.P. India, 533 296.



Godavari Institute of Engineering & Technology (A) DP-71

REPORT ON

Training Programme on "Train the Trainer on Full Stack Engineering"

Date (s): 01-07-2021 to 30-08-2021



**GODAVARI INSTITUTE OF ENGINEERING &
TECHNOLOGY (AUTONOMOUS)**

Chaitanya Knowledge City, NH-16, Rajahmundry 533296, AP

Brief Report of the FDP

This comprehensive program ("Train the Trainer Program on Full Stack Engineering.") equipped us with the necessary skills and knowledge to effectively teach and train students in the field of Full Stack Engineering. We extend our heartfelt gratitude to the organizers and our institution for their support, which made it possible for us to attend this enlightening program.

The Train the Trainer Program was designed with the aim of preparing educators to become proficient Full Stack Engineering trainers. The primary objectives of the program were:

- To provide educators with a comprehensive understanding of Full Stack Engineering, covering both front-end and back-end technologies
- To explore best practices in Full Stack Engineering and web application design.
- To equip participants with the ability to deliver engaging and practical training sessions to students.
- To promote collaboration and knowledge sharing among faculty members.

The program covered a wide range of topics related to Full Stack Engineering, ensuring that participants gained a holistic understanding of this dynamic field. Here are some of the key topics that were included:

- Front-End Technologies: HTML, CSS, JavaScript, and Frameworks
- Back-End Development: Server-side Scripting, Databases, and Server Management
- Database Design and Integration
- Web Application Frameworks
- Version Control and Collaboration Tools
- User Interface (UI) and User Experience (UX) Design
- Testing and Quality Assurance
- Deployment and Hosting
- Security Considerations
- Project Development and Real-World Applications
- Train the Trainer Sessions: Effective Teaching Methodologies and Delivery Techniques

Throughout the program, participants had the privilege of attending informative sessions, participating in discussions, and engaging in hands-on projects. These activities deepened our understanding of Full Stack Engineering and equipped us with the skills necessary to train the next generation of developers effectively.

I would like to express our gratitude to the organizers and our institution for their unwavering support and encouragement. Their commitment to faculty development has empowered us with the knowledge and skills required to provide high-quality education to our students and fellow educators.

The "Train the Trainer Program on Full Stack Engineering" was an invaluable experience for all of us. We are thankful for the opportunity to participate and are confident that the knowledge and skills gained during this program will significantly contribute to our professional growth and positively impact the quality of education in our institution.



Godavari Institute of Engineering & Technology (A) **DP-71**

FDP Details

FDP Name: Training programme on "Train the Trainer on Full Stack Engineering"

Dates: 01-07-2021 to 30-08-2021

Hosting Institute: Virtusa, Chennai

Certificates

CERTIFICATE OF
Participation

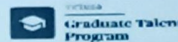
PRESENTED TO

Shaik Yacoob

from Godavari Institute of Engineering and Technology
for completing the Train the trainer program on Full Stack
Engineering held during July and August 2021

Murali Padmanabhan
Senior Vice President (Level I)

virtusa



Faculty Attended List

Sl No	Faculty Name	Designation	Signature
1	Shaik Yacoob	Sr. Assistant Professor	

Head of the Department: Dr. B.Sujatha Professor, Dept. of CSE

Signature with date

Head of the Department

Computer Science & Engineering
Godavari Institute of Engineering & Technology (A)
NH-16, Chaitanya Knowledge City,
RAJAMAHENDRAVARAM, A.P. India, 533 296.

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17



Godavari Institute of Engineering & Technology (A) DP-71

REPORT ON

Work shop on Certified Cyber Crime Intervention Officer

Date (s): 01-12-2021 to 16-12-2021



**GODAVARI INSTITUTE OF ENGINEERING &
TECHNOLOGY (AUTONOMOUS)**

Chaitanya Knowledge City, NH-16, Rajahmundry 533296, AP

Brief Report of the FDP

We are presenting a comprehensive report on our participation in the "Workshop on Certified Cyber Crime Intervention Officer." This intensive program equipped us with essential skills and knowledge to effectively combat cybercrime and respond to cyber threats. We extend our sincere appreciation to the organizers and our institution for their support and encouragement, which made our attendance at this enlightening workshop possible.

The workshop was meticulously designed to prepare participants to serve as Certified Cyber Crime Intervention Officers. The primary objectives of the program were:

The workshop covered a wide range of topics related to cybersecurity and cybercrime intervention, ensuring participants gained a holistic understanding of this critical field. Here are some of the key topics that were included:

- Introduction to Cybercrime: Types, Trends, and Impact
- Legal and Ethical Aspects of Cybercrime Investigation
- Digital Evidence Collection and Preservation
- Cyber Threat Intelligence and Analysis
- Incident Response and Handling
- Cybersecurity Best Practices
- Digital Forensics Tools and Techniques
- Malware Analysis and Detection
- Network and Endpoint Security
- Case Studies and Real-World Scenarios
- Certification and Career Path in Cybersecurity

Throughout the workshop, participants had the privilege of attending informative sessions, engaging in hands-on exercises, and analyzing real-world cybercrime cases. These activities deepened our understanding of cybersecurity and equipped us with the skills necessary to combat cyber threats effectively.

We would like to express our sincere gratitude to the organizers and our institution for their unwavering support and encouragement. Their commitment to professional development has empowered us with the knowledge and skills required to protect individuals and organizations from cyber threats.

The "Workshop on Certified Cyber Crime Intervention Officer" was an invaluable experience for all of us. We are thankful for the opportunity to participate and are confident that the knowledge and skills gained during this workshop will significantly contribute to our professional growth and enhance our ability to combat cybercrime effectively.

Brochure

NSD EMPANELED ISAC CERTIFIED

Cyber Crime Intervention Officer

The CCO is a course that aims to provide you with an essential background on cyberpsychology and cybercrimes. The course lets detect early signs of problems in people around you at work and home and also equips you to be a first responder in case of cybercrimes.

DISCOVER MORE ▼

Standard Price: ₹5000 + GST

Special Offer Price for Students: ₹2500 + GST

Promotional price valid till 31st October 2023

Apply Now
Student Registration

Cybercrime First Responder

The candidate is a registered cyber crime first responder and a volunteer with the ISAC Foundation to support cybercrime victims.

Payal Sakthare
ISSUES/RES:
 MAIL ID: 24242023
 CATEGORY: MATHS

Information Sharing and Analysis Center
www.isacfoundation.org | isac@isacfoundation.org
[isacfoundation](#) [isacfoundation](#) [isacfoundation](#)

Government of India Recognized Certification, under NEAT 2.0, Approved by the Ministry of Education.

Cyber Crime Intervention Officer Program available on GeM

Open CopConnect Website

Certificates



CERTIFIED CYBER CRIME INTERVENTION OFFICER

प्रमाणित साइबर अपराध हस्तक्षेप अधिकारी

Awarded to

JMS Ravikumar

ID # 194519000004754309

Date Issued: 05-02-22 , Cat: First Responder

The candidate is a volunteer registered with ISAC under the CopConnect Program to assist the victims and local law enforcement agencies with technical support and legal advice for resolution of cyber crimes.



Authorized Signature

Information Sharing and Analysis Center



CERTIFIED CYBER CRIME INTERVENTION OFFICER

प्रमाणित साइबर अपराध हस्तक्षेप अधिकारी

Awarded to

N Gowri Sreelakshmi

ID # 194519000004754309

Date Issued: 05-02-22 , Cat: First Responder

The candidate is a volunteer registered with ISAC under the CopConnect Program to assist the victims and local law enforcement agencies with technical support and legal advise for resolution of cyber crimes.



CopConnect

Authorized Signature

Information Sharing and Analysis Center

Faculty Attended List

Sl No	Faculty Name	Designation	Signature
1	Dr.B.Sujatha	HoD and Professor	
2	Dr.JMSV. Ravi Kumar	Professor	
3	Mr.Shaik Yacoob	Sr. Assistant Professor	

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Godavari Institute of Engineering & Technology (A) DP-71

REPORT ON

Faculty Development Program on Introduction to ChatGPT and AI Tools

Date (s): 17/01/2022 to 22/01/2022



**GODAVARI INSTITUTE OF ENGINEERING &
TECHNOLOGY (AUTONOMOUS)**

Chaitanya Knowledge City, NH-16, Rajahmundry 533296, AP

Brief Report of the FDP

The Faculty Development Program aimed to equip educators with knowledge and skills related to ChatGPT, an advanced AI language model, and other AI tools. The primary objectives were to:

- Understand the practical applications of ChatGPT and AI in various domains.
- Explore the ethical considerations surrounding AI technologies.
- Gain hands-on experience with AI tools.
- Foster collaboration among faculty members for AI-driven research and education.

The program was exceptionally well-organized, and the experts who delivered the sessions were highly knowledgeable and skilled. They effectively communicated complex topics related to ChatGPT and AI tools in a way that was easily understood by all participants.

The program covered a wide range of topics, including but not limited to:

- Introduction to Artificial Intelligence and its significance.
- Natural Language Processing (NLP) fundamentals.
- In-depth exploration of ChatGPT and its applications.
- Ethical considerations in AI and bias mitigation.
- Hands-on workshops on AI development.
- Real-world use cases of AI in education and industry.

I would like to commend Ideal Institute of Technology for providing excellent hospitality and accommodation during the program. The facilities were comfortable, and the support staff were attentive to our needs, ensuring a conducive learning environment.

I would like to extend my gratitude to the management of Ideal Institute of Technology for affording me the opportunity to attend this Faculty Development Program. It has been a highly enriching experience, and the knowledge gained during these six days will undoubtedly have a positive impact on my teaching and research activities. I also appreciate the dedication of the organizers and speakers in making this program a success.

The "Faculty Development Program on Introduction to ChatGPT and AI Tools" was a valuable and enlightening experience. The knowledge and insights gained will enable me to integrate AI tools effectively into my teaching and research. I look forward to sharing this knowledge with my students and colleagues, and I am eager to explore further advancements in the field of AI.
Thank you once again for this opportunity.

FDP Details:

Workshop name: Faculty Development Program on Introduction to ChatGPT and AI tools
Dates: 17-01-2022 to 22-01-2022
Hosting Institute: Ideal Institute of Technology, Kakinada



AUTONOMOUS
NAAC 'A+' INSTITUTION

Godavari Institute of Engineering & Technology (A) DP-71



Certificates



IDEAL
INSTITUTE OF TECHNOLOGY

Certificate of Participation

This is to Certify that

Mr. JALA PRASADARAO, Assistant Professor, Department of CSE
of **GODAVARI INSTITUTE OF ENGINEERING AND TECHNOLOGY**

has participated in **One Week Online Faculty Development Program**
on

"INTRODUCTION TO CHAT GPT AND AI TOOLS"

Organized by

Ideal Institute of Technology, Kakinada
Department of Computer Science and Engineering
from 17th to 22nd January 2022

P RADHIKA KRUPALINI
CONVENER

M.S.R.S.PRASAD
HOD

Dr. T. Srikanth
PRINCIPAL



IDEAL

INSTITUTE OF TECHNOLOGY

Certificate of Participation

This is to Certify that

Mr. KANCHARLA NAGABABU, Assistant Professor, Department of CSE
of **GODAVARI INSTITUTE OF ENGINEERING AND TECHNOLOGY**

has participated in **One Week Online Faculty Development Program**
on

"INTRODUCTION TO CHAT GPT AND AI TOOLS "

Organized by

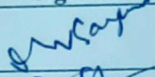

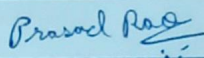
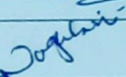
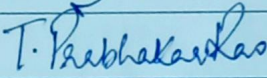
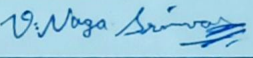
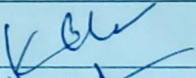




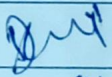
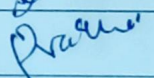
Ideal Institute of Technology, Kakinada
Department of Computer Science and Engineering
from 17th to 22nd January 2022

PRADHIKA KRUPALINI
CONVENER

M.S.R.S.PRASAD
HOD

Dr. T. Srikanth
PRINCIPAL

Faculty Attended List

Sl No	Faculty Name	Designation	Signature
1	Mr. M V Sangameswar	Professor	
2	Mr. Ashok Koujalagi	Assistant Professor	
3	Mr. Jala Prasad Rao	Assistant Professor	
4	Mr. Kancharla Nagababu	Assistant Professor	
5	Mr. T Prabhakar Rao	Assistant Professor	
6	Mr. V Naga Srinivas	Assistant Professor	
7	Mr. P. Kalyan Chakravarthy	Assistant Professor	
8	Mr. K. N. V. Srinivas	Assistant Professor	
9	Mrs. M Gowri Sreelakshmi	Assistant Professor	
10	Mr. G. Rajesh	Assistant Professor	
11	Mrs. Sudha Rani	Assistant Professor	
12	Mrs. N Durga Devi	Assistant Professor	
13	Mrs. N. V. V. Pravallika	Assistant Professor	



Head of the Department: Dr. B. Sujatha Professor, Dept. of CSE
Signature with date

Head of the Department
 Computer Science & Engineering
 Godavari Institute of Engineering & Technology (A)
 NH-16, Chaitanya Knowledge City,
 RAJAHMENDRAVARAM, A.P, India, 533 293.



GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY

A Report on

FACULTY DEVELOPMENT PROGRAMME

Organized by

JAWAHARLAL NEHRU TECHNOLOGICAL
UNIVERSITY, KALIKIRI

Dates of FDP: 20-04-2022 to 24-04-2022

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20/1-22

REPORT ON FACULTY DEVELOPMENT PROGRAM

It brings me great pleasure to present a comprehensive report on the Faculty Development Program (FDP) organized by Jawaharlal Nehru Technological University, Kalikiri held from the 20th April 2022 to 24th April 2022. The FDP was conducted by the Department of Electronics and Communication Engineering and focused on the topic of "Artificial Intelligence". I had the privilege of attending all five days of this workshop, from beginning to end.

Comment [WU1]:

I must say that it was an invigorating experience that rekindled my passion for learning and teaching. The first inaugural session set a positive tone for the entire program, with participants being provided with a conducive environment for interactive learning. Throughout the course, we were fortunate to have three expert resource persons who shared their knowledge in an innovative and inspiring way.

The organizers ensured that all participants were comfortably accommodated and well-fed throughout the duration of the workshop. The food served was not only delicious but also healthy, which is a rare combination in such events.

Overall, I found every session to be informative, engaging, and practical. The FDP not only enriched my understanding of new skills and techniques to enhance my teaching potential. I am grateful for this opportunity and would highly recommend similar programs to my colleagues in academia.

I would like to express my sincerest gratitude to the management and academic administrators for their unwavering encouragement and support. With their backing, we are confident that this undertaking will mark a new epoch in the realm of teaching and learning. We vow to make strides towards a paradigm shift that will revolutionize the way education is imparted and received.



Jawaharlal Nehru Technological Institute Of
Technology Kalikiri



Certificate of Participation

This is to certify that

Dr/Mr./Ms. G. V. Vinod has participated in Faculty Development Program on
"Artificial Intelligence" held from 20th April 2022 to 24th April 2022 organized by
Jawaharlal Nehru Technological Institute Of Technology Kalikiri, Anantapur

Parvath Kumar

Head of The Department

Kalyan Chinnu K

Principal

List of faculty members attended:

S. No	Faculty Name	Signature of faculty
1	Mr. G. Venkat Vinod	<i>G. Vinod</i>

Neelan
HOD-ECE

ELECTRONICS & COMMUNICATION ENGINEERING
Godavari Institute of Engineering & Technology (Autonomous)
NH-16, Chaitanya Knowledge City,
Rajamahendravaram-533 296.

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GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY

**A Report on
FACULTY DEVELOPMENT PROGRAMME**

**Organized by
JAWAHARLAL NEHRU TECHNOLOGICAL
UNIVERSITY, KALIKIRI**

Dates of FDP: 25-05-2022 to 29-05-2022

REPORT ON FACULTY DEVELOPMENT PROGRAM

It brings me great pleasure to present a comprehensive report on the Faculty Development Program (FDP) organized by IIT Madras held from 25th May 2022 to 29th May 2022. The FDP was conducted by the Department of Electronics and Communication Engineering and focused on the topic of "MATLAB Fundamentals & Image Processing Toolbox". I had the privilege of attending all five days of this workshop, from beginning to end.

I must say that it was an invigorating experience that rekindled my passion for learning and teaching. The first inaugural session set a positive tone for the entire program, with participants being provided with a conducive environment for interactive learning. Throughout the course, we were fortunate to have three expert resource persons who shared their knowledge in an innovative and inspiring way.

The organizers ensured that all participants were comfortably accommodated and well-fed throughout the duration of the workshop. The food served was not only delicious but also healthy, which is a rare combination in such events.

Overall, I found every session to be informative, engaging, and practical. The FDP not only enriched my understanding of new skills and techniques to enhance my teaching potential. I am grateful for this opportunity and would highly recommend similar programs to my colleagues in academia.

I would like to express my sincerest gratitude to the management and academic administrators for their unwavering encouragement and support. With their backing, we are confident that this undertaking will mark a new epoch in the realm of teaching and learning. We vow to make strides towards a paradigm shift that will revolutionize the way education is imparted and received.



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
AICTE TRAINING AND LEARNING (ATAL) ACADEMY

Certificate

Dr/Mr./Ms. V. Bharadwaja has participated in Faculty Development Program on "Matlab Fundamentals & Image Processing Toolbox" held from 25th May 2022 to 29th May 2022 organized by Indian Institute of Technology Madras, Chennai, Tamil Nadu

Dr. Naveen Kumar
Director

Chalya. M.
Coordinator

List of faculty members attended:

S. No	Faculty Name	Signature of faculty
1	Mr. V. Bharadwaja	<u>V. Bharadwaja</u>

B. S. L. G. N.
HOD-ECE
Department of
ELECTRONICS & COMMUNICATION E.R.G.G.
Godavari Institute of Engineering &
Technology (Autonomous)
NH-16, Chaitanya Knowledge City,
Rajamahendravaram-533 296.

REPORT ON

Faculty development program on
“Training Programme for Mentors”

Dates: 05/07/2021 - 09/07/2021

Organised by

AICTE - NITTR

Serial No. CH/03/143



अखिल भारतीय तकनीकी शिक्षा परिषद्, नई दिल्ली

प्रमाणपत्र

यह प्रमाणित किया जाता है कि



ALAPATI BABJI

पंजीयन क्र.: 1-2078955565

ने

राष्ट्रीय तकनीकी शिक्षक प्रशिक्षण पहल के अंतर्गत
दिनांक 5 से 9 जुलाई 2021 तक आयोजित
मेंटर उन्मुखीकरण ऑनलाईन प्रशिक्षण कार्यक्रम
सफलतापूर्वक पूर्ण किया।

All India Council for Technical Education, New Delhi

Certificate

This is to certify that

आलपाटी बाब्जी

Registration No: 1-2078955565

has successfully completed the
Online Orientation Training Programme for Mentors
organized from 5th to 9th July 2021
under
National Initiative for Technical Teachers Training.

DIRECTOR
NITTTR, Bhopal

DIRECTOR
NITTTR, Chandigarh

DIRECTOR
NITTTR, Chennai

DIRECTOR
NITTTR, Kolkata



MEMBER SECRETARY
AICTE, New Delhi

The "Orientation Training Programme for Mentors" is an online course specially designed and developed for the National Initiative for Technical Teachers Training, All India Council for Technical Education, Ministry of Education, Government of India. The main objective of this course is to empower senior faculty members about the nuances of mentoring and transform the educational ecosystem. Due to the vast experience of NITTTRs and the module coordinators, the programme focused towards providing the insight about the eight-module developed to the inductee teachers. Our main focus is providing transformation to the participants.

Signature of the participant with date

Mr.A Babji 

Head of the department

Signature with date

Head of the Department
Mechanical Engineering
GIET (A), RAJAHMUNDRY, A.P