# 6.3.3(3) Organised FDPs and ADPs

For A.Y.: 2020-21



## SRI SIVANI COLLEGE OF ENGINEERING

(Under the Management of Sri Sivani Educational Society, Srikakulam)

(Approved by AICTE, New Delhi and Affiliated to JNTUGV, Vizianagaram-CC-W6

UGC Recognition under 2(f) & 12(B), ISO 9001:2015 Certified)

NH-16, Chilakapalem Jn., Srikakulam Dist. Andhra Pradesh -532410

Andhra Pradesh -532410



(Under the Management of Sri Sivani Educational Society, Srikakulam)
(Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada-CC-W6,
UGC Recognition under 2(f) & 12(B), ISO 9001:2015 Certified)
NH-16, Chilakapalem Jn., Srikakulam Dist. -532410

## List of Professional Development Programs Organized

AY: 2020-21

S.No.	Name of the Program	Date and Duration	Number of Participants
	A Five-Day FDP on Innovative Approaches in Structural Analysis	23-11-2020 to	
1	and Design	27-11-2020	25
	A Five-Day FDP on Machine Learning and Artificial Intelligence:	30-11-2020 to	
2	Fundamentals and Applications	04-12-2020	36
	A Five-Day FDP on Renewable Energy Sources and Grid	14-12-2020 to	
3	Integration: Challenges and Solutions	18-12-2020	32
	A Five-Day FDP on VLSI Design and Nanoelectronics: Trends	28-12-2020 to	
4	and Challenges	02-01-2021	34
	A Five-Day FDP on Computational Fluid Dynamics: Theory and	05-01-2021 to	
5	Applications	09-01-2021	35
	A Five-Day FDP on Effective Communication Skills for	08-02-2021 to	
6	Engineering Educators	12-02-2021	32

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Principal
PRINCIPAL
SRI SIVANI COLLEGE OF ENGINEERING
Chilakapalem Jn., SRIKAKULAM



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NH-16, Chilakapalem Jn., Srikakulam Dist. -532410

## List of Full-Time Teachers Participated in Professional Development Programs

AY: 2020-21

S.No	Name of the Full- Time Teacher	Department	Name of the Program Participated	Date from-to (DD-MM- YYYY)
1	Mr. D Manikanta	CIV	A Five day FDP on Innovative Approaches in	23-11-2020 to
1	Mr. D Manikanta	CIV	Structural Analysis and Design	27-11-2020
2	Mr. Lokesh	CIV	A Five day FDP on Innovative Approaches in	23-11-2020 to
2	Chowdary	CIV	Structural Analysis and Design	27-11-2020
3	Mr. Nalli	CIV	A Five day FDP on Innovative Approaches in	23-11-2020 to
3	Bhaskararao	CIV	Structural Analysis and Design	27-11-2020
4	Mr. SVN Sunil	CIV	A Five day FDP on Innovative Approaches in	23-11-2020 to
4	Kumar	CIV	Structural Analysis and Design	27-11-2020
5	Mr. Prudhviraju	CIV	A Five day FDP on Innovative Approaches in	23-11-2020 to
3	Vysyaraju	CIV	Structural Analysis and Design	27-11-2020
	Mr. Ramsagar	CIV	A Five day FDP on Innovative Approaches in	23-11-2020 to
6	Вогга	CIV	Structural Analysis and Design	27-11-2020
_	Mr. Revantha	CIV	A Five day FDP on Innovative Approaches in	23-11-2020 to
7	Kumar Ponnana	CIV	Structural Analysis and Design	27-11-2020
	Mr. Suresh	ou.	A Five day FDP on Innovative Approaches in	23-11-2020 to
8	Dwarapu	CIV	Structural Analysis and Design	27-11-2020
	Mr. Y. Dhanunjaya	G171	A Five day FDP on Innovative Approaches in	23-11-2020 to
9	Rao CIV		Structural Analysis and Design	27-11-2020
0000000	Mr. Sai Krishna		A Five day FDP on Innovative Approaches in	23-11-2020 to
10	Nakka	CIV	Structural Analysis and Design	27-11-2020
	Mr. Sudharam	OH.	A Five day FDP on Innovative Approaches in	23-11-2020 to
11	Krishna Gutmukkal	CIV	Structural Analysis and Design	27-11-2020
	Dr. Jayanthi Rao	COT	A Five day FDP on Machine Learning and Artificial	30-11-2020 to
12	Madina	CSE	Intelligence: Fundamentals and Applications	04-12-2020
	Mrs. Santoshi	COF	A Five day FDP on Machine Learning and Artificial	30-11-2020 to
13	Kancherla	CSE	Intelligence: Fundamentals and Applications	04-12-2020
	Mr. Dileep Kumar	COL	A Five day FDP on Machine Learning and Artificial	30-11-2020 to
14	Kadamati	CSE	Intelligence: Fundamentals and Applications	04-12-2020
	Mr. Jayavardhana	000	A Five day FDP on Machine Learning and Artificial	30-11-2020 to
15	Rao Sahukaru	CSE	Intelligence: Fundamentals and Applications	04-12-2020
10020	Ms. Papayamma	COP	A Five day FDP on Machine Learning and Artificial	30-11-2020 to
16	Duvvana	CSE	Intelligence: Fundamentals and Applications	04-12-2020
- 1990	Mr. Murali Krishna	COR	A Five day FDP on Machine Learning and Artificial	30-11-2020 to
17	Madugula	CSE	Intelligence: Fundamentals and Applications	04-12-2020
2720	Ms. Syamala	can	A Five day FDP on Machine Learning and Artificial	30-11-2020 to
18	Kumari Munduru	CSE	Intelligence: Fundamentals and Applications	04-12-2020
4110011	Mr. Pradeep	000	A Five day FDP on Machine Learning and Artificial	30-11-2020 to
19	Puppala	CSE	Intelligence: Fundamentals and Applications	04-12-2020
	Mr. Santhosh			20 11 2020 +-
20	Kumar Yadav	CSE	A Five day FDP on Machine Learning and Artificial	30-11-2020 to 04-12-2020
	Ganta	5-20-20-25	Intelligence: Fundamentals and Applications	04-12-2020
21	Mr. Srinivasa Rao	CCE	A Five day FDP on Machine Learning and Artificial	30-11-2020 to
21	Konni	CSE	Intelligence: Fundamentals and Applications	04-12-2020

22	Mr. Yerrapatruni Jagadeesh Kumar	CSE	A Five day FDP on Machine Learning and Artificial Intelligence: Fundamentals and Applications	30-11-2020 to 04-12-2020
23	Mrs. Dhanalaxmi Metta	CSE	A Five day FDP on Machine Learning and Artificial Intelligence: Fundamentals and Applications	30-11-2020 to 04-12-2020
24	Mrs. Krishnaveni Ampolu	CSE	A Five day FDP on Machine Learning and Artificial Intelligence: Fundamentals and Applications	30-11-2020 to 04-12-2020
25	Mrs. Priyanka Dabbeeru	CSE	A Five day FDP on Machine Learning and Artificial Intelligence: Fundamentals and Applications	30-11-2020 to 04-12-2020
26	Dr. Seshadri Sastry Kunapuli	ECE	A Five day FDP on VLSI Design and Nanoelectronics: Trends and Challenges	28-12-2020 to 02-01-2021
27	Mr. Jeevan Kumar	ECE	A Five day FDP on VLSI Design and Nanoelectronics: Trends and Challenges	28-12-2020 to 02-01-2021
28	Vajja Mr. Mohana Rao	ECE	A Five day FDP on VLSI Design and Nanoelectronics:	28-12-2020 to 02-01-2021
29	Chakka Mr. Nagarjuna	ECE	A Five day FDP on VLSI Design and Nanoelectronics:	28-12-2020 to 02-01-2021
30	Sigilipelli Mr. Praveen	ECE	A Five day FDP on VLSI Design and Nanoelectronics:	28-12-2020 to
31	Chakravarthy Bh Mr. Rajahmundry	ECE	A Five day FDP on VLSI Design and Nanoelectronics:	02-01-2021 28-12-2020 to
32	Hari Prasada Rao Mr. Shiva Dasari	ECE	Trends and Challenges A Five day FDP on VLSI Design and Nanoelectronics:	02-01-2021 28-12-2020 to
33	Mr. Suryanarayana	ECE	Trends and Challenges A Five day FDP on VLSI Design and Nanoelectronics:	02-01-2021 28-12-2020 to
34	Velamala Mr. Vijayakrishna	ECE	Trends and Challenges A Five day FDP on VLSI Design and Nanoelectronics:	02-01-2021 28-12-2020 to
= 10.11	Korada Ms. Madhavi Latha	ECE	Trends and Challenges A Five day FDP on VLSI Design and Nanoelectronics:	02-01-2021 28-12-2020 to
35	Mukalla Mrs. Usharani		Trends and Challenges A Five day FDP on VLSI Design and Nanoelectronics:	02-01-2021 28-12-2020 to
36	Batchala	ECE	Trends and Challenges A Five day FDP on VLSI Design and Nanoelectronics:	02-01-2021 28-12-2020 to
37	Ms. K Lavanya  Ms. Vahini Monica	ECE	Trends and Challenges A Five day FDP on VLSI Design and Nanoelectronics:	02-01-2021 28-12-2020 to
38	Dharbamulla	ECE	Trends and Challenges  A Five day FDP on Renewable Energy Sources and	02-01-2021 14-12-2020 to
39	Dr. Kanthi Andhavarapu	EEE	Grid Integration: Challenges and Solutions	18-12-2020
40	Dr. Tulasichandra Sekhar Gorripotu	EEE	A Five day FDP on Renewable Energy Sources and Grid Integration: Challenges and Solutions	14-12-2020 to 18-12-2020
41	Mr. Asish Kumar Panigrahi	EEE	A Five day FDP on Renewable Energy Sources and Grid Integration: Challenges and Solutions	14-12-2020 to 18-12-2020
42	Mr. Simma Gopi	EEE	A Five day FDP on Renewable Energy Sources and Grid Integration: Challenges and Solutions	14-12-2020 to 18-12-2020
43	Mr. Bhaskara Rao Balabomma	EEE	A Five day FDP on Renewable Energy Sources and Grid Integration: Challenges and Solutions	14-12-2020 to 18-12-2020
44	Mr. Chandra Sekhara Rao Menda	EEE	A Five day FDP on Renewable Energy Sources and Grid Integration: Challenges and Solutions	14-12-2020 to 18-12-2020
45	Mr. Naga Srinivas Nakka	EEE	A Five day FDP on Renewable Energy Sources and Grid Integration: Challenges and Solutions	14-12-2020 to 18-12-2020
46	Ms. Majji Sai Sudha	EEE	A Five day FDP on Renewable Energy Sources and Grid Integration: Challenges and Solutions	14-12-2020 to 18-12-2020
47	Mr. Arjuna Rao Anupoju	H&BS	A Five day FDP on Effective Communication Skills for Engineering Educators	08-02-2021 to 12-02-2021
48	Mr. Balaji Telukala	H&BS	A Five day FDP on Effective Communication Skills for Engineering Educators	08-02-2021 to 12-02-2021

49	Mr. D V Santhosh Kumar	H&BS	A Five day FDP on Effective Communication Skills for Engineering Educators	08-02-2021 to 12-02-2021
50	Mr. Govinda Rao Mantri	H&BS	A Five day FDP on Effective Communication Skills for Engineering Educators	08-02-2021 to 12-02-2021
51	Mr. Gowrisankar Jagginna	H&BS	A Five day FDP on Effective Communication Skills for Engineering Educators	08-02-2021 to 12-02-2021
52	Mr. Hari Krishna Chowdari Bagadi	H&BS	A Five day FDP on Effective Communication Skills for Engineering Educators	08-02-2021 to 12-02-2021
53	Mr. Kotibabu Kornu	H&BS	A Five day FDP on Effective Communication Skills for Engineering Educators	08-02-2021 to 12-02-2021
54	Ms. Bhavani Potnuru	H&BS	A Five day FDP on Effective Communication Skills for Engineering Educators	08-02-2021 to 12-02-2021
55	Mr. Ramana Murthy Ponnada	H&BS	A Five day FDP on Effective Communication Skills for Engineering Educators	08-02-2021 to 12-02-2021
56	Mr. Vinodkumar Vaddadi	H&BS	A Five day FDP on Effective Communication Skills for Engineering Educators	08-02-2021 to 12-02-2021
57	Mrs. Padmavathi Boddepalli	H&BS	A Five day FDP on Effective Communication Skills for Engineering Educators	08-02-2021 to 12-02-2021
58	Dr. Prasada Rao Bondada	MBA	A Five day FDP on Effective Communication Skills for Engineering Educators	08-02-2021 to 12-02-2021
59	Mr. Aditya Vamsi Krishna Vanaparti	MBA	A Five day FDP on Effective Communication Skills for Engineering Educators	08-02-2021 to 12-02-2021
60	Mr. Ravi Kumar Karnayina	MBA	A Five day FDP on Effective Communication Skills for Engineering Educators	08-02-2021 to 12-02-2021
61	Mrs. Keerthana Chintalapudi	MBA	A Five day FDP on Effective Communication Skills for Engineering Educators	08-02-2021 to 12-02-2021
62	Mr. Laxmanaraju Salavaravu	MECH	A Five day FDP on Computational Fluid Dynamics: Theory and Applications	05-01-2021 to 09-01-2021
63	Mr. Lokesh Pagoti	MECH	A Five day FDP on Computational Fluid Dynamics: Theory and Applications	05-01-2021 to 09-01-2021
64	Mr. Pavan Kumar Rejeti	MECH	A Five day FDP on Computational Fluid Dynamics: Theory and Applications	05-01-2021 to 09-01-2021
65	Mr. Prema Kumar Kurmana	MECH	A Five day FDP on Computational Fluid Dynamics: Theory and Applications	05-01-2021 to 09-01-2021
66	Mr. Harish Kumar Siddani	MECH	A Five day FDP on Computational Fluid Dynamics: Theory and Applications	05-01-2021 to 09-01-2021
67	Mr. Sai Krishna Mukalla	MECH	A Five day FDP on Computational Fluid Dynamics: Theory and Applications	05-01-2021 to 09-01-2021
68	Mr. Sai Sankara Deekshit Lakkoju	MECH	A Five day FDP on Computational Fluid Dynamics: Theory and Applications	05-01-2021 to 09-01-2021
69	Mr. Sriramamurthy Boddepalli	MECH	A Five day FDP on Computational Fluid Dynamics: Theory and Applications	05-01-2021 to 09-01-2021

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NH-16, Chilakapalem Jn., Srikakulam Dist. -532410

Date: 13.11.2020

## CIRCULAR

The Dept. of Civil is going to conduct A FIVE DAYS FDP ON "INNOVATIVE APPROACHES IN STRUCTURAL ANALYSIS AND DESIGN" from 23.11.2020 to 27.11.2020 in the seminar hall from 10am to 4pm every day, so I request all the staff to attend.

#### Resource persons

23.11.2020 to 25.11.2020:

Dr. P. SUDHEER, Assistant Prof., Dept. of CIVIL ENGG

MVGR, Vizianagaram

26.11.2020 to 27.11.2020:

Mr. G. PARASURAM, Assistant Prof., Dept. of CIVIL ENGG

Sri Sivani College of Engineering, Chilakapalem Jn, Srikakulam

All the staff have to attend the FDP in the Seminar Hall of the CIVIL Department at 9:30am with the proper dress code and with ID cards. Attendance is mandatory.

Venue: Civil Dept. Block, SSCE.

Coordinator: Mr. CH. Lokesh, Asst. Prof,

Department of Civil Engineering

Program Co-ordinator

Head of the Hivi Engg. Dept. Sri Sivani College of Engg. Collakapalem Jn., Srikakulam

Principal

PRINCIPAL

SRI SIVANI COLLEGE OF ENGINEERING
Chilakapalem Jn., SRIKAKULAM

#### Copy to

Dept.	IQAC	Civil	EEE	Mech	ECE	CSE	H&BS	MBA	TPO	Office	Library
Signature	of Copy	المغال	of	M	AA	Or,	3 Pop	35	W	4	Mul

CC To: The Management for information

## Department of Civil Engineering Sri Sivani College of Engineering

5 Days Faculty development programme

On

## INNOVATIVE APPROACHES IN STRUCTURAL ANALYSIS AND DESIGN

23rd Nov to 27th Nov 2020

## Program schedule

Date & Day	10:00 -13:00	13:00-14:00	14:00-16:00
23.11.2020	Registration/Inauguration	L	Analysis and its procedure
(Monday)	Introduction to Structures Analysis & Design (PS)	U N	Calculation of B.M,S.F,Axial load parameters (PS)
24.11.2020	Design parameters	C H	Topology optimization
(Tuesday)	Design procedure (PS)	H	Its effect on Design (PS)
25.11.2020	Performance based design		Introduction to Innovative Design
(Wednesday)	Advanced finite element analysis (PS)	B R	Design parameters calculations (PS)
26.11.2020 (Thursday)	Innovative approach explanation	E A	Using of Innovative construction materials in construction
X	About new construction Materials innovations (GPR)	K	Advantages of using Innovative construction materials (GPR)
27.11.2020	Explanation about Seismic	1	Introduction to Adaptive structures
(Friday)	Resilience design (GPR)		Closing ceremony & certificates distribution (PS & GPR)

PS: Dr.P.Sudheer

GPR: Mr.G.Parasuram

Mr.Ch.Lokesh ·

Program Co-ordinator

#### About the Institution:

Sri Sivani College of Engineering (SSCE) is one of the colleges functioning under Sri Sivani Educational Society. SSCE is a pioneer in the field of engineering education in Srikakulam district (A.P). It was established in the year 2006 under the affiliation of JNT University, Kakinada and approved by AICTE, New Delhi. The college is UGC Recognition under 2(f) & 12(B) certified by ISO 9001:2015 and accredited by NAAC.

SSCE is situated in a spacious 11 acres campus adjacent to NH-16 at chilkapalem village. The college is easily accessible to all the districts nearby Srikakulam.

SSCE offers B.Tech programmes in E.E.E, E.C.E, C.S.E, Mechanical and Civil Engineering, besides PG programmes M.C.A, M.B.A, M.Tech and Diploma programmes like E.E.E, Mechanical, and Civil Engineering as second shift.

SSCE is completely Wi-Fi enabled and equipped with well established laboratories. The college has focused towards student centric learning atmosphere. The faculty is well qualified, experienced equipped with state of art technologies and dedicated to produce marketable products.

#### About the Department:

The Department of Civil Engineering was established in the academic year 2009-10 with an annual intake of 60. Since its commencement, the primary objective of the department has been to impart quality education, training and research at the undergraduate levels in Civil Engineering with broad emphasis on design aspects of Structural design, The department also providing Diploma in civil engineering with intake of 60. The Department has always been on a high growth path to keep pace with the ever increasing importance of the major disciplines of study and current technology trends. A judicious mix of experienced and young faculty with strong commitment to academics has created an ambience for learning.

## Department Vision:

To be a Centre of Eminence in Civil Engineering to produce technically competent professionals.



Sri. V.M.M. Sainadh Reddy

President, Sri Sivani Group of Colleges

#### Patrons:

Sri. J. Suryachandra Rao

Vice President, Sri Sivani Group of Colleges

Sri. K. Durga Srinivas

Secretary, Sri Sivani Group of Colleges

Sri. D. Venkata Rao

Treasurer, Sri Sivani Group of Colleges

Sri. P. Durga Prasad Raju

Joint Secretary, Sri Sivani Group of Colleges

Dr. S. Srinivasa Rao

Correspondent, Sri Sivani Group of Colleges

Principal:

Dr. J.Balabhaskarrao, Ph.D

#### Head of Department:

Mr.S.V.N.Sunil kumar, Dept. of CE

#### Convenors:

Sri. P.Revanth

Assistant Professor, Dept. of CE

Sri.G.Parasuram

Assistant Professor, Dept. of CE

#### Co-Convenors:

Sri.Ch.Lokesh

Assistant Professor, Dept. of CE

Sri.N.Saikrishna

Assistant Professor, Dept. of CE

## Advisory Committee:

Dr.M.Jayanthirao, H.O.D, Dept. of CSE

Dr.V. Suryanarayana, H.O.D., Dept. of ECE

Sri. L.S.S.Deekshit, H.O.D., Dept. of MECH

Sri.N. Nagasrinivas, H.O.D. Dept of EEE

Sri. K.Madhukumar, H.O.D., Dept. of H & BS.

Sri. K. Ravi Kumar, H.O.D., Dept. of MBA

## Organizing Committee:

All the Staff and Student members of Department of Civil Engineering, Sri Sivani College of Engineering, Srikakulam, Andhra Pradesh, India.



## 5 - DAY FACULTY DEVELOPMENT PROGERAM ON



#### INNOVATIVE APPROACHES IN STRUCTURAL ANALYSIS AND DESIGN

23-11-2020 to 27-11-2020



## Organized by

#### DEPARTMENT OF CIVIL ENGINEERING

SRI SIVANI COLLEGE OF ENGINEERING (W6)
(Approved by AICTE, Delhi and Permanently affiliated to
JNTUK, Kakinada,

UGC Recognition under 2(f) & 12(B), 'A' Grade by AP Knowledge Mission,

ISO 9001:2015 certified)

CHILAK APALEM Jn., SRIKAKULAM.

Andhra Pradesh - 532 402.

Phone: 08942 231106

www.srisivani.com

## Objective:

- 1. To understand the basics of Structural Engineering.
- 2. To understand the future challenges in Structural Analysis and Design.
- 3. To understand the Challenges to be faced in Structural Designing.

## **Expected Outcomes:**

- 1. Develop skill in understanding the Structural Engineering related issues.
- 2. Ability to understand and utilize the Analysis and design basics with reference to practical problems.

## How To Apply:

Completed application form as per the formats given should reach the convener latest by 20-11-2020. A scanned copy of the filled in form can also be mailed to <u>cedept.w6@gmail.com</u>. In case of delay, filled in copy can be submitted at registration desk on the day of workshop. Kindly confirm your presence to either Sri. S.V.N.Suneel / P.Revanth.

## Registration and Fees:

Research Scholar : Rs. 300/-Industrial Employees : Rs. 500/-Academic Faculty : Rs. 300/-UG Students : Rs. 250/-

\*\*\*\*Spot Registration is available \*\*\*\*\*

## Institute Root-Map:



Resource Person:
Dr.P.Sudheer
Assistant professor, Dept of Civil Engg
AITAM, Vizianagaram



## REGISTRATION FORM



## FIVE DAY NATIONAL WORKSHOP

## "INNOVATIVE APPROACHES IN STRUCTURAL ANALYSIS AND DESIGN"

23-11-2020 to 27-11-2020

Participant's Name :
Gender: Male/Female :
Educational Qualification :
Department :
Organization :
Address for Communication :

Mobile Number : Email ID :

Fee Particulars : DD/Cash

If DD, then

S. No.	DD No.	Date

Date: Signature of the Participant

(Signature of the Head of the Institution with seal)



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NH-16, Chilakapalem Jn., Srikakulam Dist. -532410

## **Attendance Sheet**

## A FIVE DAY FDP ON INNOVATIVE APPROACHES IN STRUCTURAL ANALYSIS AND DESIGN

S.No	Name of the Full Time Teacher	NAME OF THE INSTITUTION	23,11.2020	24.11.2020	25.11.2020	26.11.2020	27.11.2020
1	K.Rajini	Dr. Samuel George Institute of Engineering and Technology	K-Rol	k.Pa	K.Ral	K. Rd	K. Ro
2	R.Madeswaran	Dr. Samuel George Institute of Engineering and Technology	R. Moderne.	R. Moder	Righton.	R. Malen.	Rhad
3	I.Santosh Kumar	Gonna Institute of Information Technology and Sciences	1. Sontale	I Santos	I santist	I. santosh	I. sandost
4	N.Moulika	Gonna Institute of Information Technology and Sciences	N. Maelike	N. Malle	s moulik	N. madibe	D. real
5	Santhi Swaroop	Gonna Institute of Information Technology and Sciences	S. Siga	S-Sw	5.500	S. Sw	S. Sent
6	S.Avinash	Gonna Institute of Information Technology and Sciences	Sun	(Som)	Sa	(San)	8M
7	S.Sireesha	Chaitanya Engineering College	3. Biteesho	3. Sineshe	5. 81910estra	3 Signeested	5. Greeshi
8	Ch.Santosh Kumar	K.S.R.M College of Engineering	ch sau	chsa	ch.sa	ch.sa	chsan
9	P.Pavankumar	K.S.R.M College of Engineering	P. Durg	P. Paul	p. Parce	p. Ru	p. pour
10	M.C.Venkata Subbiah	K.S.R.M College of Engineering	m.c vela	m-cyet	m.c.ver	m.c. vem	M.c. Ver
11	D.Viswanatha	K.S.R.M College of Engineering	D. N.Sm	D. V.S.	D. Vism	D.Visn	7.25
12	B. Sateesh Babu	Nimra College Of Engineering And Technology	B. Superbe	B.S.Bah	B. SuBah	B. SarBaka	B. salah
13	J. Shankar	Nimra College Of Engineering And Technology	J. SW	J. She	J. She	J. She	SSW

14	Dr. Ch. Leelavathi	Dhanekula Institute of Engineering and Technology	D. d. lost	Dochito	Duch to	Drichtw	Prichton
15	D Manikanta	Sri Sivani college of Engineering	Brankforte	D. Manikante	D. Manikant	D. Manikanta	D.mainkenter
16	Lokesh Chowdary	Sri Sivani college of Engineering	d. De	cl. De	C. De	Cl. De	clase
17	Nalli Bhaskararao	Sri Sivani college of Engineering	N. Bhaskart	N. Bhailegh	en Bhooking	N. Blog To	N. Black
18	Prudhviraju Vysyaraju	Sri Sivani college of Engineering	poni.	prudi	produ	Pruni	D541.
19	Ramsagar Borra	Sri Sivani college of Engineering	Rams	Bows	laurs	Kame	Paul
20	Revantha Kumar Ponnana	Sri Sivani college of Engineering	& agrand	Dager D	Dager. D	80011	algor p
21	Sai Krishna Nakka	Sri Sivani college of Engineering	N. Selver	N. Same	N. Saruk	N. Saiz	-N. Saul
22	Sudharam Krishna Gutmukkal	Sri Sivani college of Engineering	1 Shut	C. Birt	C.Sinn	C. Lihah	l'8 pre
23	Suresh Dwarapu	Sri Sivani college of Engineering	120	18	By	18	1
24	SVN Sunil Kumar	Sri Sivani college of Engineering	Heri	Qui	Line	finit	find.
25	Y Dhanunjaya Rao	Sri Sivani college of Engineering	y Danger	y. Day	y Danje	y. Sharp	y Saryo

Cl. He Program Coordinator



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NH-16, Chilakapalem Jn., Srikakulam Dist -532410

Date: 30.11.2020

## PROGRAM REPORT

It is to inform that A Five day faculty development programme on "Innovative Approaches In Structural Analysis Design" has been successfully conducted from 23.11.2020 to 27.11.2020 (10 A.M. to 4 P.M.) at seminar Hall of Civil Department, Sri Sivani College of Engineering.

The following members are invited as the Resource persons for the seminar.

23.11.2020 to 25.11.2020 : Dr. P. Sudheer, Asst. Prof, Dept. of Civil , MVGR, Vizianagaram

26.11.2020 to 27.11.2020 : Mr. G. Parasuram, Asst. Prof, Dept. of Civil, SSCE, Chilakapalem jn

Co-ordinator: Mr. Ch. Lokesh, Asst. prof, Dept. of Civil, SSCE, Chilakapalem jn

Two eminent Resource persons have expressed categorically the importance of INNOVATIVE APPROACHES IN STRUCTURAL ANALYSIS AND DESIGN All of the attendees were quite impressed and inspired by the seminar. They exhibited their curiosity and acknowledged the Seminar's significance. They consider that attending the Seminar is a practical learning opportunity for them.

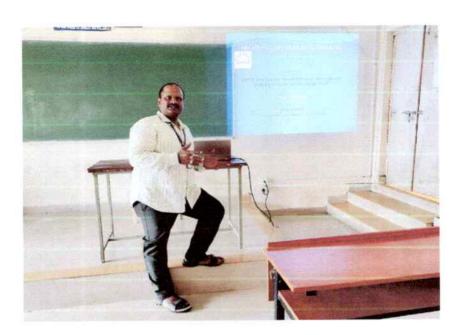
#### OBJECTIVES OF THE PROGRAM

The Main objectives of this FDP is to know about various innovative approaches in structural analysis and design like improved structural efficiency, cost savings, enhancing safety, sustainable design, to get an efficient Analysis and design.

#### OUTCOMES OF THE PROGRAM

Innovative approaches in Structural analysis and design FDP outcomes are to get efficient designs with respect to reducing material usage, prediction of structural behaviour under different conditions for achieving safety standards and to achieve sustainable design.

Twenty Five (25) Number faculty have participated in the program.



**External Resource Person** 



Internal Resource Person

Cl. Gra.

Programme Co-ordinator

(Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada-CC-W6, ISO 9001:2015 Certified, UGC Recognition under 2(f) & 12(B)) CHILAKAPALEM, SRIKAKULAM, A.P.-532410

# Certificate of Participation

This is to certify that Prof./Dr./Mr./Ms. Reventha kuman ponnana

Ast-prof of SRI Sivani college of Engineering

has participated in a Five - Day Faculty Development Program on "Innovative Approaches in Structural

Analysis and Design" organized by Department of Civil Engineering, during 23rd - 27th November, 2020.

Co-ordinator



(Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada-CC-W6, ISO 9001:2015 Certified, UGC Recognition under 2(f) & 12(B)) CHILAKAPALEM, SRIKAKULAM, A.P.-532410

# Certificate of Participation

This is to certify that Prof./Dr./Mr./Ms. Suresh dwarapo Ant.

prof of SRI Sivani college of Engineering

has participated in a Five - Day Faculty Development Program on "Innovative Approaches in Structural

Analysis and Design" organized by Department of Civil Engineering, during 23rd - 27th November, 2020.

Co-ordinator



(Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada-CC-W6, ISO 9001:2015 Certified, UGC Recognition under 2(f) & 12(B)) CHILAKAPALEM, SRIKAKULAM, A.P.-532410

# Certificate of Participation

This is to certify that Prof./Dr./Mr./Ms. Venkata naga Sunil kuman

snigirisetty Ant: prof of SRI sivani college of Engineering

has participated in a Five - Day Faculty Development Program on "Innovative Approaches in Structural

Analysis and Design" organized by Department of Civil Engineering, during 23rd - 27th November, 2020.

Co-ordinator



(Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada-CC-W6, ISO 9001:2015 Certified, UGC Recognition under 2(f) & 12(B)) CHILAKAPALEM, SRIKAKULAM, A.P.-532410

# Certificate of Participation

This is to certify that Prof./Dr/Mr./Ms. Nakka Sai Krishna

Assistant-prot of SRI Sivani college of Engineering

has participated in a Five - Day Faculty Development Program on "Innovative Approaches in Structural

Analysis and Design" organized by Department of Civil Engineering, during 23rd - 27th November, 2020.

Co-ordinator



(Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada-CC-W6, ISO 9001:2015 Certified, UGC Recognition under 2(f) & 12(B)) CHILAKAPALEM, SRIKAKULAM, A.P.-532410

# Certificate of Participation

This is to certify that Prof./Dr./Mr./Ms. Loketh Chowdary Mistant.

port of SRI Sivani college of Engineening

has participated in a Five - Day Faculty Development Program on "Innovative Approaches in Structural

Analysis and Design" organized by Department of Civil Engineering, during 23rd - 27th November, 2020.

Co-ordinator



(Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada-CC-W6, ISO 9001:2015 Certified, UGC Recognition under 2(f) & 12(B)) CHILAKAPALEM, SRIKAKULAM, A.P.-532410

# Certificate of Participation

This is to certify that Prof./Dr./Mr./Ms. Nalli bhaskara 9100

Assistant prof of SRI Sivani college of Engineening

has participated in a Five - Day Faculty Development Program on "Innovative Approaches in Structural

Analysis and Design" organized by Department of Civil Engineering, during 23rd - 27th November, 2020.

Co-ordinator



(Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada-CC-W6, ISO 9001:2015 Certified, UGC Recognition under 2(f) & 12(B)) CHILAKAPALEM, SRIKAKULAM, A.P.-532410

# Certificate of Participation

This is to certify that Prof./Dr./Mr./Ms. Ramsagar Loura.

Anistant.pnf of SRI Sivani college of Engineering.

has participated in a Five - Day Faculty Development Program on "Innovative Approaches in Structural

Analysis and Design" organized by Department of Civil Engineering, during 23rd - 27th November, 2020.

Co-ordinator



(Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada-CC-W6, ISO 9001:2015 Certified, UGC Recognition under 2(f) & 12(B)) CHILAKAPALEM, SRIKAKULAM, A.P.-532410

# Certificate of Participation

This is to certify that Prof./Dr./Mr./Ms. prudhviraju vysyanaju
Asistant. prof of SRI Sivani college of Engineering

has participated in a Five - Day Faculty Development Program on "Innovative Approaches in Structural

Analysis and Design" organized by Department of Civil Engineering, during 23rd - 27th November, 2020.

Co-ordinator



(Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada-CC-W6, ISO 9001:2015 Certified, UGC Recognition under 2(f) & 12(B)) CHILAKAPALEM, SRIKAKULAM, A.P.-532410

# Certificate of Participation

This is to certify that Prof./Dr./Mr./Ms. Sudharam Krishn

gutmukkal Assistant-prof of SRI sirani college of Engineering

has participated in a Five - Day Faculty Development Program on "Innovative Approaches in Structural

Analysis and Design" organized by Department of Civil Engineering, during 23rd - 27th November, 2020.

Co-ordinator





(Under the Management of Sri Sivani Educational Society, Srikakulam)

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UGC Recognition under 2(f) & 12(B), ISO 9001:2015 Certified)

NH-16, Chilakapalem Jn., Srikakulam Dist. -532410

Date: 13/11/2020

## CIRCULAR

This is to inform to all the staff that the Department of CSE is going to conduct A FIVE DAY FACULTY DEVELOPMENT PROGRAMME ON "MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE: FUNDAMENTALS AND APPLICATIONS" from 30.11.2020 to 04.12.2020. In this regard, advised all the concerned faculty participate in said program.

#### Resource Persons

30.11.2020 to 2.12.2020

Dr. P. Lalitha Kumari Associate Professor, GVP College of

## Engineering, Visakhapatanam

3.12.2020 to 04.12.2020

: Mr. S. Sudheer KUMAR, DEPT OF CSE, SSCE

Venue: CSE Block, SSCE.

Co-ordinator: Mr. P. Pradeep

Dept of CSE

Program Co ordinator

Head Hoot De Department Computer Science and Engineering Sri Sivani College of Engineering Chilakapalem Jn., Srikakulam-532410

Principal
PRINCIPAL
SRI SIVANI COLLEGE OF ENGINEERING
Chilakapalem Jh., SRIKAKULAM

#### Copy to

Dept.	IQAC	Civil	EEE	Mech	ECE	CSE	H&BS	MBA	TPO	Office	Library
Signature	& Reply !	Junil.	st	10	A	at.	17/43	3=	n	A	Jull

CC To: The Management for information.

## Sri Sivani College of Engineering Srikakulam Department of Computer Science and Engineering

A Five-Day FDP

On

## MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE: FUNDAMENTALS AND APPLICATIONS

30.11.2020 to 04.12.2020

## **Program Schedule**

	10: 00 - 13: 00	13:00 - 14:00	14:00 - 16:00
20.11.2020	Registration		basic concepts and definitions of ML and AI
30.11.2020 (Mon)	Introduction To MACHINE LEARNING		Explore the historical context and evolution of Al.Gain an understanding of key ML concepts
01.12.2020	Explore various algorithms and their applications.		Learn techniques for data cleaning, preprocessing, and feature engineering.
01.12.2020 (Tue.)	learning algorithms such as linear regression, decision trees, and support vector machines.	L U N C H	Explore real-world applications and case studies.
02.12.2020	unsupervised learning algorithms like clustering and dimensionality reduction		Explore applications such as customer segmentation and anomaly detection
(Wed.)	Deep Learning Applications and Case Studies	B R E	Exploring Unsupervised Learning and Clustering
03.12.2020	Hands-on Exercise on Building a Simple Regression Model	A K	Neural Networks and Deep Learning
(Thu.)	Deep Learning Applications and Case Studies		Introduction to Neural Networks
04.01.2021	AI Applications and Future Trends		Ethical Considerations
(Sat.)	Real-world Applications of AI		AI and Future Trends in Machine Learning and AI

PLK:P. Lalitha Kumari

SS:S.Sudheer

P.Pradeep

Program Co-ordinator

#### ABOUT THE DEPARTMENT

The Department of Computer Science & Engineering of Sri Sivani College of Engineering was established in the year 2006 and playing a vital role in designing, developing maintaining software and hardware for the entire college. It has been offering full time B. Tech (CSE), M. Tech (CSE) courses. The Department has been advancing at a rapid pace with the acquisition of advanced facilities and dedicated teaching faculty to properly motivate and mould the students for a better and prospective tomorrow. The Department is adequately equipped with several full fledged computer laboratories and research groups in order to enhance R & D and consult

#### ABOUT THE INSTITUTION

Sri Sivani College of Engineering (SSCE) is one of the colleges functioning under Sri Sivani Educational Society, established in 2006 affiliated to JNTUK, Kakinada. UGC Recognition under 2(f) & 12(B). ISO 9001:2015 Certified. SSCE is situated in a spacious 12 acres campus adjacent to NH-16 at Chilakapalem, Srikakulam, Andhra Pradesh. SSCE offers B. Tech programs in Civil, C.S.E, E.E.E, E.C.E, Mechanical Engineering and PG programmes M.B.A, M.Tech and Diploma programmes for Civil, E.E.E and Mechanical Engineering. Fully connected through Fiber Optics and Wi-Fi Networks, Endowed.



# SRI SIVANI COLLEGE OF ENGINEERING (Under the Management of Sri Sivani Educational Society, Srikakulam) (Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada-CC-W6, UGC Recognition under 2(f) & 12(B), ISO 9001:2015

Certified) NH-16, Chilakapalem Jn., Srikakulam Dist -532410

#### **PATRONS**

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Sri.J.SuryachandraRao,
Vice President,
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Sri.D. Venkata Rao
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Sri. P. Durga Prasad Raju,
Joint Secretary,
Sri.S. Srinivasa Rao,
Correspondent

## PRINCIPAL

Dr. J.Bala Bhaskara Rao, Principal, SSCE.

#### Convener

Smt. M. Murali Krishna,
H.O.D, Dept of CSE

Co-ordinator

Mr.Mr.P.PradeepCSE Dept., SSCE

## A FIVE DAY FDP ON "MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE: FUNDAMENTALS AND APPLICATIONS",

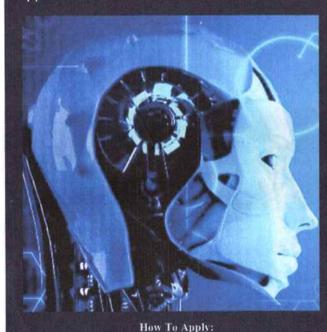
30-11-2020 TO 04-12-2020 Organized by Department of Computer Science & Engineering

SRI SIVANI COLLEGE OF ENGINEERING (Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada CC-W6, UGC Recognition under 2(f) & 12(B), ISO 9001:2015 Certified) NH-16. Chilakapalem Jn., Srikakulam Dist.532410 Resourse persons: Dr. P. Lalitha Kumar. Associate Professor. GVP College of Engineering, Visakhapatanam : Mr. S.SUDHEER KUMAR ,DEPT OF CSE, SSCE



#### OBJECTIVES OF THE PROGRAM

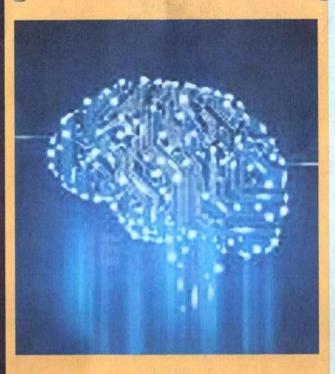
The main objectives of this FDP is to improve the accuracy of CFD Simulations by refined numerical methods, High-performance computing by enhancing CFD software and algorithms to leverage the power of highperformance computing for faster and detailed simulations and for multi disciplinary applications.



Completed application form as per the formats given should reach the convener latest by 20-08-2019. A scanned copy of the filled in form can also be mailed to ecedept.w6@gmail.com. In case of delay, filled in copy can be submitted at registration desk on the day of workshop. Kindly confirm your presence to either Sri.

V.Suryanarayana/V.JeevanKumar.

\*\*\*\* Spot Registration is available \*\*\*\*



#### OUTCOMES OF THE PROGRAM

The main outcomes of computational fluid dynamics is to improve design and performance to optimize products and systems for better performance and efficiency, reducing development costs and shortening product development cycles, safer and more efficient processing.

Registration and Fees; Research Scholar: Rs. 300/-Industrial Employees: Rs. 500/-Academic Faculty: Rs. 300/-UG Students: Rs. 250/-

\*\*\*\*Spot Registration is available\*\*\*\*\*

## **REGISTRATION FORM**

## A FIVE DAY FDP ON "MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE: FUNDAMENTALS AND APPLICATIONS",

Parti	cipar	t's N	lame:

Gender: Male/ Female

Educational Qualifications:

Department:

Organization:

Address for Communication:

Email:

Phone No:

Date:

Signature of the Participant:



(Under the Management of Sri Sivani Educational Society, Srikakulam)

(Approved by AICTE, New Delhi and Permanently Affiliated to JNTUK, Kakinada-CC-W6,

UGC Recognition under 2(f) & 12(B), ISO 9001:2015 Certified)

NH-16, Chilakapalem Jn., Srikakulam Dist. -532410

Date: 15/12/2020

## PROGRAM REPORT

A Five Day Faculty Development Programme on "MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE: FUNDAMENTALS AND APPLICATIONS" has been successfully conducted from 30.11.2020 to 04.12.2020 (10 A.M. to 4 P.M.) at Seminar Hall of CSE Department, Sri Sivani College of Engineering.

The following members are invited as the Resource persons for the Faculty Development Programme.

30.11.2020 to 2.12.2020

: Dr. P. Lalitha Kumari. Associate Professor, GVP College of

Engineering, Visakhapatanam

3.12.2020 to 04.12.2020

:Mr. S. Sudheer Kumar, Dept. OF CSE, SSCE

Mr. P. Pradeep, Asst. Prof, Dept. of CSE is the Coordinator for this program. A total of Thirty-Six (36) faculty members have participated in this program.

#### OBJECTIVES OF THE PROGRAM

The Main objectives of this FDP are

- Understand the basic concepts and definitions of ML and AI. Explore the historical context and evolution of AI. Gain an understanding of key ML concepts, including supervised and unsupervised learning.
- Explore various algorithms and their applications. Learn techniques for data cleaning, preprocessing, and feature engineering.
- Understand the importance of quality data in ML and AI applications Dive into supervised learning algorithms such as linear regression, decision trees, and support vector machines.
- Explore real-world applications and case studies.
- Understand unsupervised learning algorithms like clustering and dimensionality reduction. Explore applications such as customer segmentation and anomaly detection.

Explore deep learning architectures, including convolutional neural networks (CNNs) and recurrent neural networks (RNNs).

Explore applications in areas such as robotics and game playing.

## OUTCOMES OF THE PROGRAM

- Participants should have a solid understanding of the fundamental concepts and terminologies of ML and AI. Gain hands-on experience with ML and AI tools through practical exercises and projects.
- Understand various ML algorithms and their applications Acquire skills in data preprocessing, cleaning and feature engineering.
- Develop proficiency in both supervised and unsupervised learning techniques.
   Comprehend the basics of neural networks and deep learning architectures.



Internal Resource Person: Mr. S.Sudheer Kumar



External Resource Person: Dr. P. Lalitha Kumari.

Program Coordinator



(Under the Management of Sri Sivani Educational Society, Srikakulam)

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NH-16, Chilakapalem Jn., Srikakulam Dist. -532410

## **Attendance Sheet**

## A FIVE DAY FDP ON MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE: FUNDAMENTALS AND APPLICATIONS

S. No	Name of the Full Time Teacher	Name Of The Institution	30.11.2020	01.12.2020	02.12.2020	03.12.2020	04.12.2020
1	G.Soniabharathi	West Godavari Istitute of Science and Engineering	Don' 0	(fori	Coni ,	doni ,	Soni,
2	P.Rajesh	West Godavari Istitute of Science and Engineering	P. Kuy Sh	T. Rufe	P. Roch	Theye	Though
3	K.Sujaykumar	Dr. Samuel George Institute of Engineering and Technology	K. Sucher	K. Sefer	K. Sleyer	K. Slekes	K. Slele
4	Z.Mallikarjunareddy	Dr. Samuel George Institute of Engineering and Technology	Malli	Malli'	Malli	Phili	Malli
5	J.Sudhakarbabu	Dr. Samuel George Institute of Engineering and Technology	7. 3	7	6	9	1
6	K. Vaidehi	Gonna Institute of Information Technology and Sciences	K. willi	K. wildi	K. jadoli	i K. Vande	hi K. Vaide
7	P.Asha	Gonna Institute of Information Technology and Sciences	P. Agre	P. Aslem	P. Adle	P.Asha	P. Ashe
8	S.Ramababu	Gonna Institute of Information Technology and Sciences	S. Ramaber	S. Ranah	S. Range	. C. Romaber	S, Ranadu
9	K. Sameeer	Gonna Institute of Information Technology and Sciences	K. San.	Want	K. Sam.	K. Gour	The Soun.
10	M.V.P.Uma Maheswara Rao	NRI Institute of Technology	Upra	<del>Uma</del>	Qmo-	(Ino	<del>DMD</del>
11	Ch. Sai Sireesha	NRI Institute of Technology	Ch. Geighn	Owner	Chigary Chigary	Ch. 90/500	Ch. Galesa

12	B. Bala Krishna	NRI Institute of Technology	Bala	Bola	Balo	Rata	Bato
13	B. Venu Gopal	NRI Institute of Technology	Luc	Dem	Jene	Vene	Daw
14	P. Aparna	NRI Institute of Technology	Afa c	XPa .	StPa 1	da	Apa
15	R. Seetharam	NRI Institute of Technology	Sacha	Parthe	Scelle	Scotta	Scothe
16	P. Surendra Varma	NRI Institute of Technology	Curen	Sunda	Gunda	Quecent	teandro
17	M. Seshu Bhavani	NRI Institute of Technology	Bhayan	Bhoward	Rhascri	Rhaveni	Pharcini
18	Yughandar	Vijaya Institute Of Technology For Women	Jug	Ling	Jug	yug -	Jog
19	Ch. Bindu Sri	Vijaya Institute Of Technology For Women	15to	Birdu -	Sinch	13inda	15inch
20	J. Bala Ambedkar	GIET Engineering College .	Anh.	And +	amb.	FIMD f	fact
21	Ch. Archana	GIET Engineering College	Acc.	A.	Aoc	Asc	Ade
22	Dr. K. Sateesh	GIET Engineering College	Saleed	Satour	Satoch	Saker	Sollool
23	Dr. Jayanthi Rao Madina	Sri Sivani College of Engineering	M. J Raa	M. JRaa	MJ Rao	M-J Rao	M-JRao
24	Santoshi Kancherla	Sri Sivani College of Engineering	K. Santhowk	12. Somethat	K. Santharm	R. Sannesh	K. Sonmon
25	Dileep Kumar Kadamati	Sri Sivani College of Engineering	Dileep Kuma) Kadamati	Direct kend	u. Déleep	12 Dicep	1 Direct
26	Jayavardhana Rao Sahukaru	Sri Sivani College of Engineering	SIR	S. FR	SOR	S (JR)	S(JR)
27	Papayamma Duvvana	Sri Sivani College of Engineering	P. Durana	6. Disposor	P. Osovana	P-Duvona	D. DOLLON
28	Murali Krishna Madugula	Sri Sivani College of Engineering	OF:	Q.	Q.	A.	4.
29	Syamala Kumari Munduru	Sri Sivani College of Engineering	M. Syamele	M. Syamala	m syamule	ne syamale	tremo
30	Pradeep Puppala	Sri Sivani College of Engineering	( )×	Color	(0)	Cost	(Ar
31	Santhosh Kumar Yadav Ganta	Sri Sivani College of Engineering	Soutob	Sentara	Santal	Sandato	Janloke
32	Srinivasa Rao Konni	Sri Sivani College of Engineering	k-szint vayara	k. Srinivagora	k-srinivayara	k-sylphaga	k-svince
33	Yerrapatruni Jagadeesh	Sri Sivani College of Engineering	(du )	(AU)	(ELD)	An	Tuo

	Kumar						
34	Dhanalaxmi Metta	Sri Sivani College of Engineering	n. Pharalauri	M. Pharadakmi	mohardanmi	M. Dharalanmy	Mohandrying
35	Krishnaveni Ampolu	Sri Sivani College of Engineering	A Krishna veni				
36	Priyanka Dabbeeru	Sri Sivani College of Engineering	Transke			Pryante	
				1	, 0 ,	0 0	0

Program Coordinator



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# Certificate of Participation

This is to certify that Prof./Dr./Mr./Ms. Y. Jagadeesh Kumav.

A Sri Sivani College of Engineering, Chilaka/c/m.

has participated in a Five - Day Faculty Development Program on "Machine Learning and Artificial Intelligence: Fundamentals and Applications" organized by Department of Computer Science and Engineering, during 30th November - 04th December, 2020.

Co-ordinator

Head of the Department Computer Science Of Digineering Sri Sivani College of Engineering Chilakanalem Jn., Srikakulam-532410 Principal
PRINCIPAL
SRI SIVANI COLLEGE OF ENGINEERING
Chilakapalem Jn., SRIKAKULA



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# Certificate of Participation

This is to certify that Prof./Dr./Mr./Ms. K. Srinivasa Rao dr Sri Sivani Callege Of Engineering, chilaka Palen.

has participated in a Five - Day Faculty Development Program on "Machine Learning and Artificial Intelligence: Fundamentals and Applications" organized by Department of Computer Science and Engineering, during 30th November - 04th December, 2020.

Co-ordinator

Head of the Hop gineering Computer Science and Digineering Sri Sivani College of Engineering Chilakapalem Jn., Srikakulam-5324),0

Principal

SRISHWAITOLUPES OF ENGINEERING



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# Certificate of Participation

This is to certify that Prof./Dr./Mr./Ms. P. Dradeep

Sri Sivani College of Engineering, chilakapJa.

has participated in a Five - Day Faculty Development Program on "Machine Learning and Artificial Intelligence: Fundamentals and Applications" organized by Department of Computer Science and Engineering, during 30th November - 04th December, 2020.

Co-ordinator

Head of Hoppartment Computer Science and Engineering Sri Sivani College of Engineering Chilakapalem Jn., Srikakulam-5220 Principal

SRI SIVANI COLLEGE OF ENGINEERING Chilakapalem Jn., SRIKAKULAM



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# Certificate of Participation

this is to certify that Prof./Dr./Mr./Ms. M. Syamala Kumari.

Let Si Sivani College of Engineering, Chilakafala.

has participated in a Five - Day Faculty Development Program on "Machine Learning and Artificial Intelligence: Fundamentals and Applications" organized by Department of Computer Science and

Engineering, during 30th November - 04th December, 2020.

Sri Sivani College of Engineering Chilakapalem Jn., Srikakulam-532410

Principal

Chilakapalem Jn., SRIKAKI



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# Certificate of Participation

This is to certify that Prof./Dr./Mr./Ms. M. Ja Yanth: Leo
Si Sivani collège de Engineering, chilakaPalen.
has participated in a Five - Day Faculty Development Program on "Machine Learning and Artificia
Intelligence: Fundamentals and Applications" organized by Department of Computer Science an

Co-ordinator

Engineering, during 30th November - 04th December, 2020.

Head HoD gingering Sri Sivani College of Engineering Chilakapalem Jn., Srikakulam-532410

Principal

Chilakapalem Jn., SRIKAKU



(Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada-CC-W6, ISO 9001:2015 Certified, UGC Recognition under 2(f) & 12(B)) CHILAKAPALEM, SRIKAKULAM, A.P.-532410

# Certificate of Participation

This is to certify that Prof./Dr./Mr./Ms. K. SantoSki.

Six Six College of Engineering, Chilake Rolem.

has participated in a Five - Day Faculty Development Program on "Machine Learning and Artificial

Intelligence: Fundamentals and Applications" organized by Department of Computer Science and

Engineering, during 30th November - 04th December, 2020.

Co-ordinator

Head of the prtment Computer Science and Engineering Sri Sivani College of Engineering Chilakapalem Jn., Srikakulam-532410



SRI SIVANI COLLEGE OF ENGINEER Chilakapalem Jn., SRIKAKUL



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# Certificate of Participation

Т	This is to certify that B	ref./Dr./Mr./Ms	K. Lylee	P Kuma	v do
Si Sivar	This is to certify that Property	de Engi	neering	chilat	a Plem.
	a Five - Day Faculty				
Intelligence: Fund	lamentals and Appli	cations" organized	by Department	of Computer	Science and
Engineering, during	30th November - 04th	h December, 2020.			

Co-ordinator

Head of Computer Science Pengineering Sri Sivani College Pengineering Chilakapalem In., Srikakulam-532410

Principal



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# Certificate of Participation

This is to certify that Prof/Dr./Mr./Ms. S. Jayavav dhana Rao & Sri Sivani College of Engineering, Chilaka Palenn.

has participated in a Five - Day Faculty Development Program on "Machine Learning and Artificial Intelligence: Fundamentals and Applications" organized by Department of Computer Science and Engineering, during 30th November - 04th December, 2020.

Co-ordinator

Head of the Hod ment Computer Science and Engineering Sri Sivani College of Engineering Shilakapalem Jn., Srikakulam-532410

Principal

PRINCIPAL

SRI SIVANI COLLEGE OF ENGINEER
Chilakapalem Jn., SRIKAKI



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# Certificate of Participation

This is to certify that Prof./Dr./Mr./Ms. D. Papayamma do Sri Sivani College Of Engineering, Chilakapalem.

has participated in a Five - Day Faculty Development Program on "Machine Learning and Artificial Intelligence: Fundamentals and Applications" organized by Department of Computer Science and Engineering, during 30th November - 04th December, 2020.

Co-ordinator

Head HoD sineering
Computer HoD sineering
Sri Sivani College of Engineering
Chilakapalem Jn., Srikakulam-532410

Principal PRINCIPAL



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# Certificate of Participation

Fris is to certify that Prof./Dr./Mr./Ms. M. Muyal: Kvishna.

Glege of Engineering, Chilakaplan.

has participated in a Five - Day Faculty Development Program on "Machine Learning and Artificial Intelligence: Fundamentals and Applications" organized by Department of Computer Science and Engineering, during 30th November - 04th December, 2020.

Co-ordinator

Head of HoD Engineering Computer Sci HoD Engineering Sri Sivani College of Engineering Chilakapalem Jn., Srikakulam-532410





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# Certificate of Participation

This is to certify that Prof./Dr./Mr./Ms. A. Krishnaveni Lo Sri Sivani College of Engineering, chilakafulan.

has participated in a Five - Day Faculty Development Program on "Machine Learning and Artificial Intelligence: Fundamentals and Applications" organized by Department of Computer Science and Engineering, during 30th November - 04th December, 2020.

Co-ordinator

Head of HoD ignoering Computer Sci. HoD ignoering Sri Sivani College of Eng. ieering Chilakapalem Jn., Srikakulam-532416





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# Certificate of Participation

This is to certify that Prof/Dr./Mr./Ms. Dhanalaxmi Metta

L- Sri Sivani College of Engineering, ClilakaRlaw.

has participated in a Five - Day Faculty Development Program on "Machine Learning and Artificial Intelligence: Fundamentals and Applications" organized by Department of Computer Science and Engineering, during 30th November - 04th December, 2020.

Co-ordinator

Head of United Districtions of Engineering Sri Sivani College of Engineering Sri Sivani College of Engineering Chilakapalem Jn., Srikakulam-532410



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CHILAKAPALEM, SRIKAKULAM, A.P.-532410

# Certificate of Participation

This is to certify that Prof./Dr./Mr./Ms. Prijanka. Dabbeeru & Svi Sivani College & Engineering, Chilakapla.

has participated in a Five - Day Faculty Development Program on "Machine Learning and Artificial Intelligence: Fundamentals and Applications" organized by Department of Computer Science and Engineering, during 30th November - 04th December, 2020.

Co-ordinator

HOD

Computer Scholege of Engineering
Sri Sivani College of Engineering
Sri Sivani College of Engineering
Sri Sivani College of Engineering

Principal
PRINCIPAL
SIVANI COLLEGE OF ENGINEER



(Under the Management of Sri Sivani Educational Society, Srikakulam)

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UGC Recognition under 2(f) & 12(B), ISO 9001:2015 Certified)

NH-16, Chilakapalem Jn., Srikakulam Dist. -532410

Date: 04-12-2020

### **CIRCULAR**

This is to inform to all the staff that the Department of EEE is going to conduct A FIVE DAY FDP ON RENEWABLE ENERGY SOURCES AND GRID INTEGRATION: CHALLENGES AND SOLUTIONS from 14.12.2020 to 18.12.2020. In this regard, advised all the concerned faculty participate in said program.

#### Resource Persons

14.12.2020 to 15.12.2020

: Mrs. T. Bhavani Asst.Prof, Dept. of EEE

Dr. BRAU, Etcherla, Srikakulam

16.12.2020 to 18.12.2020

: Dr. K. Srikumar, Prof, Dept. of EEE

JNTU-GV, Vizianagaram

Venue: EEE Block, SSCE.

Co-ordinator: Sri. M. Chandra Sekhar,

Department of EEE

Program Co-ordinator

Head of the Department

Electrical & Electronics Engineering
Sri Sivani College of Engineering

Chitakapalem Jn., Srikakulam-532402

Principal
PRINCIPAL
SRI SIVANI COLLEGE OF ENGINEERING
Chilakapatem Jn., SRIKAKULAM

#### Copy to

Dept.	IQAC	Civil	EEE	Mech	ECE	CSE	H&BS	MBA	TPO	Office	Library
Signature	Magan	( , il	ent	A S	A	al:	&Cn	3	M.	/a	du.

CC To: The Management for information.

### Sri Sivani College of Engineering

#### Department of Electrical and Electronics Engineering

Title of FDP: Renewable Energy Sources and Grid Integration: Challenges and Solutions

Date & Duration: 14th to 18th Nov 2020

Program Coordinator: Mr. M. Chandra Sekhar, Asst. Prof. Dept. of EEE

#### Program Schedule

Day-1: 14-12-2020

Name of the Resource Person: Mrs. T. Bhavani							
Topics to be covered							
Basics of Renewable Energy Sources							
Tea-Break							
Solar Energy Technologies							
Lunch Break							
Wind Energy Technologies							
Tea-Break							
Challenges in Harnessing Renewable Energy							

#### Day-2: 15-12-2020

Name of the Resource Person: Mrs. T. Bhavani						
Time	Topics to be covered					
10:00 AM to 11: 30 AM	Introduction to Grid Integration					
11:30 AM to 11:45 AM	Tea-Break					
11:45 AM to 1: 00 PM	Smart Grid Technologies & Interconnection Standards					
1: 00 PM to 2:00 PM	Lunch Break					
2:00 PM to 3:00 PM	Power Electronics in Grid Integration					
3: 00 PM to 3: 15PM	Tea-Break					
03:15 PM to 4: 00 PM	Case Studies on Grid Integration					

### <u>Day-3:</u> 16-12-2020

Name of the Resource Person: Dr. K. Srikumar						
Time	Topics to be covered					
10:00 AM to 11: 30 AM	Grid Stability and Reliability; Power Quality Issues					
11:30 AM to 11:45 AM	Tea-Break					
11:45 AM to 1: 00 PM	Mitigation Strategies					
1: 00 PM to 2:00 PM	Lunch Break					
2:00 PM to 3:00 PM	Cybersecurity in Grid Integration					
3: 00 PM to 3: 15PM	Tea-Break					
03:15 PM to 4: 00 PM	Discussion on Participants' Research and Projects					

### <u>Day-4:</u> 17-12-2020

Name of the Resource Person: Dr. K. Srikumar						
Time	Topics to be covered					
10:00 AM to 11: 30 AM	Energy Storage Technologies; Microgrid Design and Implementation					
11:30 AM to 11:45 AM	Tea-Break					
11:45 AM to 1: 00 PM	Role of Artificial Intelligence in Grid Management					
1: 00 PM to 2:00 PM	Lunch Break					
2:00 PM to 3:00 PM	Real-time Simulation and Testing					
3: 00 PM to 3: 15PM	Tea-Break					
03:15 PM to 4: 00 PM	Group Activities and Practical Demonstrations					

#### Day-5: 18-12-2020

Name of the Resource Person: Dr. K. Srikumar							
Time	Topics to be covered						
10:00 AM to 11: 30 AM	Emerging Technologies in Renewable Energy						
11:30 AM to 11:45 AM	Tea-Break						
11:45 AM to 1: 00 PM	Emerging Technologies in Renewable Energy						
1: 00 PM to 2:00 PM	Lunch Break						
2:00 PM to 3:00 PM	Open Discussion, Q&A, and Future Collaborations						
3: 00 PM to 3: 15PM	Tea-Break						
03:15 PM to 4: 00 PM	Closing Ceremony and Certificate Distribution						





# REGISTRATION FORM A FIVE DAY FDP ON

"RENEWABLE ENERGY SOURCES AND GRID INTEGRATION: CHALLENGES AND SOLUTIONS"

14th to 18th Dec 2020

Participant's Name

Gender

: Male/Female

Educational Qualification

Department

Organization

Address for Communication

Mobile Number

Email ID

Fee Particulars

#### hief Patron :

Sri. V.M.M. Sainadh Reddy President, Sri Sivani Group of Colleges

#### Patrons:

Sri. J. Suryachandra Rao Vice President, Sri Sivani Group of Colleges Sri. K. Durga Srinivas Secretary, Sri Sivani Group of Colleges Sri. D. Venkata Rao

Treasurer, Sri Sivani Group of Colleges Sri, P. Durga Prasad Raju

Joint Secretary, Sri Sivani Group of Colleges

Dr. S. Srinivasa Rao

Correspondent, Sri Sivani Group of Colleges

#### Principal:

Dr. B. Murali Krishna, M.Tech (NITW), Ph.D (IITM)

#### Head of Department:

Mr. N. Naga Srinivas. Dept. of EEE

#### Convenors:

Mrs. Santhi Annepu Associate Professor, Dept. of EEE Sri. Asish Kumar Panigrahi Assistant Professor, Dept. of EEE

#### Co-Convenors:

Sri. M. Sai Sudha Assistant Professor, Dept. of EEE Sri. B. Gayatri Assistant Professor, Dept. of EEE

#### Organizing Committee :

All the Staff and Student members of the Department of Electrical & Electronics Engineering, Sri Sivani College of Engineering, Srikakulam, Andhra Pradesh, India.



## A Five-Day FDP on

"RENEWABLE ENERGY SOURCES AND GRID INTEGRATION: CHALLENGES AND SOLUTIONS"

14th to 18th Dec 2020



Organized by
Department of Electrical and
Electronics Engineering (E.E.E)

#### SRI SIVANI COLLEGE OF ENGINEERING

(Under the Management of Sri Sivani Educational Society, Srikakulan (Approved by AICTE, New Delhi and Permanently Williado to JNTUK, Kakinada-CC-W6.

UGC Recognition under 2(f) & 12(B), Accredited by NAAC 180
9001:2015 Certified)

NH-16, Chilakapalem In: Srikakulam Dia 5,2410

#### About the Institution:

Sri Sivani College of Engineering (SSCE) is one of the colleges functioning under the Sri Sivani Educational Society. SSCE is a pioneer in the field of engineering education in Srikakulam district (A.P.) It was established in the year 2006 under the affiliation of JNT University, Kakinada and approved by AICTE. New Delhi, The college is UGC Recognition under 2(I) & 12(B)certified by ISO 9001:2015.

SSCE is situated on a spacious 11-acre campus adjacent to NH-16 at Chilkapalem village. The college is easily accessible to all the districts near Srikakulam.

SSCF offers B.Tech programmes in E.E.E. E.G.E. G.S.E. Mechanical and Civil Engineering, besides PG programmes M.C.A. M.B.A. M.Tech and Diploma programmes like E.E.E. Mechanical, and Civil Engineering as second shift.

SSCE is completely Wi-Fi enabled and equipped with wellestablished laboratories. The college has focused towards student student-centric learning atmosphere. The faculty is well qualified, experienced equipped with state of art technologies and dedicated to producing marketable products.

#### About the Department:

The department is well-focused and student-centric with a clear vision. The Department of Electrical and Electronics Engineering is one of the oldest and major departments of the Institute. Since its inception in 2006, the department has been actively engaged in teaching and research in diverse fields of Electrical and Electronics Engineering. The department offers B.Tech in EEE with an intake of 60 students and M.Tech in Power Electronics with an intake of 18 students. The department is strong with a few faculty members holding Ph.D degrees and expertise in various fields. The department of EEE has adequate and well-qualified faculties spanning all major areas of Electrical Engineering like Power Systems. Power Electronics and Control. Systems. Apart from regular academics, the department organizes department association activities to encourage and motivate the students to achieve their goals. The department also encourages students to participate in technical events organized by other universities and colleges.

#### Department Vision:

To be a Centre of Eminence in Electrical and Electronic Engineering to produce technically competen professionals.

#### Objective:

The objective of the program "Renewable Energy Sources and Grid Integration: Challenges and Solutions" is to explore and address the key challenges associated with the integration of renewable energy sources into existing power grids, while seeking innovative solutions to enhance grid stability, reliability, and efficiency in the context of a sustainable energy future.

#### **Expected Outcomes:**

- Develop innovative grid management strategies to accommodate renewable energy, ensuring stability and reliability.
- Implement efficient energy storage solutions to balance renewable energy supply and demand.
- Establish standardized integration protocols for seamless renewable energy grid integration.
- Advance sustainable grid expansion methods that reduce emissions and enhance energy distribution.
- Quantify the economic and environmental benefits of renewable energy integration for informed policy decisions.

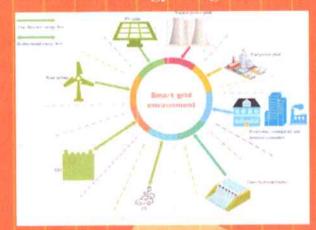
#### How To Apply:

Completed application form as per the formats given should reach the convener latest by 20-11-2019. A scanned copy of the filled in form can also be mailed to eeessce@gmail.com. In case of delay, filled in copy can be submitted at registration desk on the day of workshop. Kindly confirm your presence to Sri. M. Chandra Sekhar

Registration and Fees: - 500/-

\*\*\*\*Spot Registration is available\*\*\*\*

### **Renewable Energy Integration:**



### Institute Root-Map:



#### Resource Persons:

Mrs. T. Bhavani, Asst. Prof. Dept. of EEE

Dr. BRAU, Etcherla, Srikakulam

Dr. G. T. Chandrasekhar,

Prof. Dept. of EEE, SSCE

Program Coordinatory

M. Chandra Sekhar Rao, Asst. Prof. Dept. of EEE





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## **Attendance Sheet**

# A FIVE DAY FDP ON RENEWABLE ENERGY SOURCES AND GRID INTEGRATION: CHALLENGES AND SOLUTIONS

S.NO	NAME OF THE FULL TIME TEACHER	NAME OF THE INSTITUTION	14.12.2020	15.12.2020	16.12.2020	17.12.2020	TIONS 18.12.2020
1	R. Bhaskar	Dr. Samuel George Institute of Engineering and Technology	R. Bhaskur	R. Bhaskar	R. Bhaskor		
2	V.Sirisha	Dr. Samuel George Institute of Engineering and Technology	v. &	v. \$8	0.00	V. Dioskar	
3.	P.Kasi Rao	Dr. Samuel George Institute of Engineering and Technology	P.Ku Q		- 0		v.AL
4	K. Rammohan Reddy	K.S.R.M College of Engineering		P. Kun Qu	P. Ku Ba	P. Ku Qu	P. Rue
5	K.Kalyan Kumar	K.S.R.M College of Engineering	K. Raz	Klan	K. Raw	K. Raw	K. Raw
6	T. Mariprasath	K.S.R.M College of Engineering	K. Kale	k. Kal	k. Kali	k. kaly	k. Kale
7	M.Murali	K S R M College of Francis	1. Maril	T-Mary	the same of the sa	T. Marin	
8	CH. Bharathi	Gonna Institute of Information	M. mululi CH. Bhe	10000007111	M. mural	M. mureli	mural:

9	P. Kusuma Reddy	Gonna Institute of Information Technology and Sciences	p. 4	P.R	P.F.	PA	P.Co
10	P. Lavanya	recimology and	P. Javarya		P. Laurango	P. Lawanya	P. Lavany
11	K. Praveen	Gonna Institute of Information Technology and Sciences	* Fraveer	K.Praveen	K.Ravcen	K. Praveen	K. Krauce
12	B. Narayana Murthy	West Godavari Institute of Science and Engineering	B. Neul M	B. New Man	Bolant	B. Naiph	B. NauM
13	S. Siva Sankar	Chaitanya Engineering College	SIS	Soff	dfs.	881	200
14	O. Deepthi	Chaitanya Engineering College	1 Deal	- Beeple	O Deept	O. Deepth	O Deep
15	Shaik Shareef	NIMRA College of Engineering and Technology	Shaik	Shaik	shaik	shaik	shaik
16	T. Harika	NIMRA College of Engineering and Technology	2. harika	Lharika	t.horika	f. harita	t. harik
17	J. Bhagya Laxmi	Vijaya Institute of Technology for Women	J. Bhu	J. Bhu	J. Bhu	J. Bhu	J. Bhu
18	G. Anitha	Vijaya Institute of Technology for Women	6. Aville	Gr. Another	Gr Another		GAnil
19	A. Poojitha	Sai Ganapathi Engineering College	And	000	AA	AAD	Ada
20	P. Madhavi	Avanthi's St.Theressa Institute of Engineering & Technology	P. Maddadi	P. Madhett		P. madhaut	P.mach
21	B. Sankar Prasad	Avanthi's St.Theressa Institute of Engineering & Technology	B. Contain	B. Harkey	B. Sankul	B. Douglas	B. axanta
22	M. Vykunta Rao	Sri Venkateswara College of Engineering and Technology	M. XXX	M.W.	M. Yas	M. EQ	M. Var

23	A. Chandana	Sri Venkateswara College of Engineering and Technology	A.ch	Ach	Ach	A-ch	1000
24	Bethala Santhosh Kumar	Danekula Institute of Engineering and Technology	81	2/	0,	00/	Arco-
25	Dr. Kanthi Andhavarapu	Sri Sivani college of Engineering	18	$\otimes$	08	X	X
26	Dr. Tulasichandra Sekhar Gorripotu	Sri Sivani college of Engineering	AK	1	AK	AK	AK
27	Mr. Asish Kumar Panigrahi	Sri Sivani college of Engineering	Cur	Cly	Cus	des	des
28	Mr. Simma Gopi	Sri Sivani college of Engineering	Oct 1	Cin	Chy	Esta	Carry
29	Mr. Bhaskara Rao Balabomma	Sri Sivani college of Engineering	2. Cloby	S. Gopi	( Gom	Const	Con
30	Mr. Chandra Sekhara Rao Menda		applicate	Sheshed:	Bharles	Tel alkaz	Bhartel .
31	Mr. Naga Srinivas Nakka	Sri Sivani college of Engineering	93"	GIA.	07	GI) 300 3	290m 2.
32	Ms. Majji Sai Sudha	Sri Sivani college of Engineering	-K	A	00	A	SA .

Program Coordinator



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UGC Recognition under 2(f) & 12(B), ISO 9001:2008 Certified)
NH-16, Chilakapalem Jn., Srikakulam Dist. -532410

Date: 21-12-2020

#### PROGRAM REPORT

A Five Day Faculty Development Programme on "Renewable Energy Sources and Grid Integration: Challenges and Solutions" has been successfully conducted from 14.12.2020 to 18.12.2020 (10 A.M. to 4 P.M.) at Seminar Hall of EEE Department, Sri Sivani College of Engineering.

The following members are invited as the Resource persons for the Faculty Development Programme.

14.12.2020 to 15.12.2020

: Mrs. T. Bhavani Asst. Prof, Dept. of EEE

Dr. BRAU, Etcherla, Srikakulam

16.12.2020 to 18.12.2020

: Dr. K. Srikumar, Prof, Dept. of EEE

JNTU-GV, Vizianagaram

Mr. M. Chandra Sekhar, Asst. Prof, Dept of EEE is the Coordinator for this program. A total of Thirty Two (32) faculty members have participated in this program.

#### **OBJECTIVES OF THE PROGRAM**

The Main objectives of this FDP are

- Provide participants with comprehensive knowledge about various renewable energy sources, including solar, wind, hydro, and biomass.
- Investigate the challenges associated with integrating renewable energy sources into existing power grids.
- Introduce participants to smart grid technologies and their role in facilitating seamless integration of renewable energy.
- 4. Analyze current policies and regulations related to renewable energy integration.
- Present real-world case studies of successful grid integration projects from around the globe.

#### OUTCOMES OF THE PROGRAM

#### 1. Enhanced Knowledge Base:

 Participants will develop a thorough understanding of various renewable energy technologies, fostering expertise in solar, wind, hydro, and biomass.

#### 2. Insight into Integration Challenges:

- Participants will gain insights into the challenges associated with integrating renewable energy into existing grids, including the impact of intermittency on grid stability.

#### 3. Proficiency in Smart Grid Technologies:

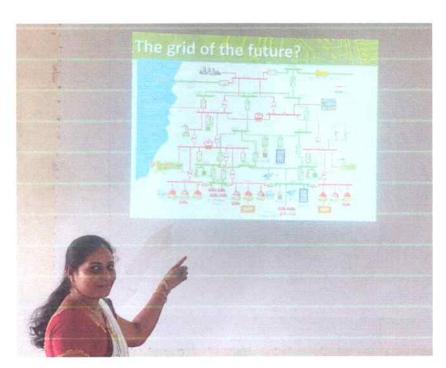
 Attendees will acquire knowledge of smart grid technologies and their application in overcoming integration challenges, with a focus on energy storage, demand response, and advanced grid management systems.

#### 4. Informed Policy Advocacy:

 Participants will be equipped to analyze existing policies and regulations related to renewable energy, enabling them to advocate for improved frameworks that promote sustainable and efficient grid integration.

#### 5. Application of Best Practices:

Program attendees will learn from real-world case studies, allowing them to apply best practices
and lessons learned to enhance the success of future renewable energy projects and grid integration
initiatives.



External Resource Person-1: Mrs. T. Bhavani



External Resource Person: Dr. K. Srikumar

Program Coordinator



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## Certificate of Participation

This is to certify that Prof./Dr./Mr./Ms. KANTHI ANDHAVARAPU, ASST. Prof. of

SRI SIVANI COLLEGE OF ENGINEERING, CHILAKAPALEM.

has participated in a Five - Day Faculty Development Program on "Renewable Energy Sources and Grid Integration: Challenges and Solutions" organized by Department of Electrical & Electronics Engineering, during 14th - 18th December, 2020.

co-ordinator

Head of the Department Electrical & Electronics Engine

Electrical & Electronics Engineering Sri Sivani College of Engineering Chilakapalem Jn., Srikakulam-532402 Principal



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## Certificate of Participation

This is to certify that Pof./Dr./Mr./M. G.T. CHANDRA SEKHAR of

## SRI SIVANI COLLEGE OF ENGINEERING, CHILAKAPALEM

has participated in a Five - Day Faculty Development Program on "Renewable Energy Sources and Grid Integration: Challenges and Solutions" organized by Department of Electrical & Electronics Engineering, during 14th - 18th December, 2020.

Co-Ordinator

HOD

Head of the Department
Electrical & Electronics Engineering
Sri Sivani College of Engineering
Chilakapalem Jn., Srikakulam-532402



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## Certificate of Participation

This is to certify that Prof./Dr./Mr./Ms. ASISH KUMAR PANIGRAHI, ASST. Prof. 4

SRI SIVANI COLLEGE OF ENGINEERING, CHILAKAPALEM

has participated in a Five - Day Faculty Development Program on "Renewable Energy Sources and Grid Integration: Challenges and Solutions" organized by Department of Electrical & Electronics

Engineering, during 14th - 18th December, 2020.

Constitution

Head of the Department
Electrical & Electronics Engineering
Sri Sivani College of Engineering
Chilakapalem Jn., Srikakulam-532402

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CHILAKAPALEM, SRIKAKULAM, A.P.-532410

## Certificate of Participation

This is to certify that Prof./Dr./Mr./Ms. GOPI SIMMA. ASCT. Prof. Of SRI SIVANI COLLEGE OF ENGINEERING. CHILAKAPALEM
has participated in a Five - Day Faculty Development Program on "Renewable Energy Sources and Grid Integration: Challenges and Solutions" organized by Department of Electrical & Electronics

Co-ordinator

Engineering, during 14th - 18th December, 2020.

Head of the Department Electrical's Electronics Engineering Electrical & Alactronics Engineering Sri Sivani College of Engineering Chilakapalam Ing Srikakulam-532402



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## Certificate of Participation

This is to certify that Prof./Dr./Mr./Ms. BHASKARAO BALABOMMA, ASST. Prof

## of SRI SIVANI COLLEGE OF ENGINEERING, CHILAKAPALEM

has participated in a Five - Day Faculty Development Program on "Renewable Energy Sources and Grid Integration: Challenges and Solutions" organized by Department of Electrical & Electronics Engineering, during 14th - 18th December, 2020.

Co-ordinator

HoD

Head of the Department Electrical & Electronics Engineering Sri Sivani College of Engineering Chilakapalem Jn., Srikakulam-532402 Principal



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## Certificate of Participation

This is to certify that Prof./Dr./Mr./Ms.CHANDRA.SEKHARA.RAO. MENDA. ASST.

## Prof & SRI SIVANI COLLEGE OF ENGINEERING CHILAKA PALEM

has participated in a Five - Day Faculty Development Program on "Renewable Energy Sources and

Grid Integration: Challenges and Solutions" organized by Department of Electrical & Electronics

Engineering, during 14th - 18th December, 2020.

Co-grainator

Head of the Depa

Head of the Department Electrical & Electronics Engineering Sri Sivani College of Engineering Chilakapalem Jn., Srikakulam-532402 Principal



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## Certificate of Participation

This is to certify that Prof./Dr./Mr./Ms. NAKKA NAGA SRINIVAS, ASST. Prof.

SRI SIVANI COLLEGE OF ENGINEERING, CHILAKAPALEM

has participated in a Five - Day Faculty Development Program on "Renewable Energy Sources and Grid Integration: Challenges and Solutions" organized by Department of Electrical & Electronics Engineering, during 14th - 18th December, 2020.

Co-ordinator

HoD

Head of the Department Electrical & Electronics Engineering Sri Sivani College of Engineering Chilakapalem Jn., Srikakulam-532402 Principal



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## Certificate of Participation

This is to certify that Prof./Dr./Mr./Ms. SAI SUDHA MAJJI, A&T. Prof.

## SRI SIVANI COLLEGE OF ENGINEERING, CHILAKAPALEM.

has participated in a Five - Day Faculty Development Program on "Renewable Energy Sources and Grid Integration: Challenges and Solutions" organized by Department of Electrical & Electronics Engineering, during 14th - 18th December, 2020.

Co-Sidingtor

HOD

Head of the Department Electrical & Electronics Engineering Sri Sivani College of Engineering Chilakapalem Jn., Srikakulam-532402 Principal



(Under the Management of Sri Sivani Educational Society, Srikakulam)
(Approved by AICTE, New Delhi and Permanently Affiliated to JNTUK, Kakinada-CC-W6, UGC Recognition under 2(f) & 12(B), ISO 9001:2015 Certified)
NH-16, Chilakapalem Jn., Srikakulam Dist. -532410

Date: 18-12-2020

### CIRCULAR

This is to inform to all the staff that the Department of ECE is going to conduct A FIVE DAY FDP ON VLSI DESIGN AND NANOELECTRONICS TRENDS AND CHALLENGES from 28.12.2020 to 02.01.2021. In this regard, advised all the concerned faculty participate in said program.

#### Resource Persons

28.12.2020 to 30.12.2020

K. Baby Rani, Asst. Prof, Dept. of ECE

31.12.2020 to 02.01.2021

K. Srinivas, Asst. Prof, Dept. of ECE

Sri Venkateswra college of Engineering and Technology, SKLM

Venue: ECE Block, SSCE.

Co-ordinator: Sri. K. Viaya Krishna,

Department of ECE

Program Co-ordinator

ept. of Electronics & Comm. Sri Swant Coffege of Engg. Chilakapalem Jin, Srittakulam. Principal
PRINCIPAL
SRI SIVANI COLLEGE OF ENGINEERING
Chilakapalem Jr., SKIKAKULAM

#### Copy to

Dept.	IQAC	Civil	EEE	Mech	ECE	CSE	H&BS	MBA	TPO	Office	Library
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CC To: The Management for information.

### Sri Sivani College of Engineering Srikakulam

### Department of Electronics and Communication Engineering

A Five-Day FDP

On

VLSI DESIGN AND NANOELECTRONICS TRENDS AND CHALLENGES  $28^{\rm th}$  Dec 2020 to  $02^{\rm nd}$   $\,$  Jan 2021

#### **Program Schedule**

	10: 00 - 13: 00	13:00 - 14:00	14:00 - 16:00			
28.12.2020	Registration/ Inauguration		Simulate, synthesis and prototype in PLDs. (KSV)			
(Mon)	Introduction to VLSI Design (KBR)		Discussion of chip level issues and need of testability(KSV)			
29.12.2020 (Tue.)	CMOS analog circuit designs(KBR)	L U	Overview MOSFET / CMOS flow operation(KSV)			
	digital CMOS logic design(KBR)	N C H	Case studies of VLSI applications(KSV)			
30.12.2020	Importance of testability in logic circuit design(KBR)		Overview of VLSI architecture(KSV)			
(Wed.)	HDL based design(KBR)	B R	Static timing analysis and clock distribution(KSV)			
31.12.2020	Overview SoC issues and PLD architectures(KSV)	E A K	Introduction to Nanoelectronics Trends and Challenges(KSV)			
(Thu.)	VLSI development kits and tools(KSV)		Design concepts with sequential logic(KBR)			
02.01.2021	Group project discussion and guidance(KSV)		Discussion of memory design and interconnect delay(KBR)			
(Sat.)	Tips for successful VLSI project development(KSV)		Industry applications and advancements(KBR)			

KBR: K. Baby Rani

KSV: K. Srinivas

K. Vijaya Krishna

Program Co-ordinator

#### About the Institution:

Sri Sivani College of Engineering (SSCE) is one of the colleges functioning under Sri Sivani Educational Society. SSCE is a pioneer in the field of engineering education in Srikakulam district (A.P). It was established in the year 2006 under the affiliation of JNT University, Kakinada and approved by AICTE, New Delhi. The college is UGC Recognition under 2(f) & 12(B) certified by ISO 9001:2015 and accredited by NAAC.

SSCE is situated in a spacious 11 acres campus adjacent to NH-16 at chilkapalem village. The college is easily accessible to all the districts nearby Srikakulam.

SSCE offers B. Tech programmes in E.E.E, E.C.E, C.S.E, Mechanical and Civil Engineering, besides PG programmes M.C.A, M.B.A, M.Tech and Diploma programmes like E.E.E, Mechanical, and Civil Engineering as second shift.

SSCE is completely Wi-Fi enabled and equipped with well established laboratories. The college has focused towards student centric learning atmosphere. The faculty is well qualified, experienced equipped with state of art technologies and dedicated to produce marketable products.

#### About the Department:

The Department of Electronics and Communications Engineering was established in the academic year 2006-07 with an annual intake of 60. Since its commencement, the primary objective of the department has been to impart quality education, training and research at the undergraduate levels in Electronics and Communication Engineering with broad emphasis on design aspects of electronic systemsThe intake was increased to 120 from the academic year 2008-09. Five batches of students have graduated so far. The Department is offering two M.Tech courses Digital Electronics & Communication Systems and VLSI (VLSI). The rapid developments in the field of Electronics triggered the inception of PG programme on VLSI in the year 2011. The Department has always been on a high growth path to keep pace with the ever increasing importance of the major disciplines of study and current technology trends. A judicious mix of experienced and young faculty with strong commitment to academics has created an ambience for learning

#### Department Vision:

To be a Centre of Eminence in Electronics and communication Engineering to produce technically competent professionals.

#### Chief Patron:

i. V.M.M. Sainadh Reddy

President, Sri Sivani Group of Colleges

#### Patrons

Sri. J. Survachandra Rao

Vice President, Sri Sivani Group of Colleges

Sri. K. Durga Srinivas

Secretary, Sri Sivani Group of Colleges

Sri. D. Venkata Rao

Treasurer, Sri Sivani Group of Colleges

Sri. P. Durga Prasad Raju

Joint Secretary, Sri Sivani Group of Colleges

Dr. S. Srinivasa Rao

Correspondent, Sri Sivani Group of Colleges

Principal:

Dr. J.Bala Bhaskar Rao, Ph.D

Head of Department

Mr.V.Suryanarayana, Dept. of ECE

Convenors:

Sri. V.Jeevan Kumar

Assistant Professor, Dept. of ECE

Smt. K.B.Rani

Assistant Professor, Dept. of ECE

Co-Convenors:

Mr.V.Suryanarayana

Assistant Professor, Dept. of ECE

Sri.K. Vijava Krishna

Assistant Professor, Dept. of ECE



#### Organizing Committee:

All the Staff and Student members of Department of Electronics and Communication Engineering, Sri Sivani College of Engineering, Srikakulam, Andhra Pradesh, India.



#### 5 - DAY FACULTY DEVELOPMENT PROGERAM ON



#### VLSI DESIGN AND NANO ELECTRONICS TRENDS AND CHALLENGES

28-12-2020 to 02-01-2021



#### Organized by

INSTITUTE OF ENGINEERS (INDIA)

SRI SIVANI COLLEGE OF ENGINEERING (W6) (Approved by AICTE, Delhi and Permanently affiliated to JNTUK, Kakinada,

UGC Recognition under 2(f) & 12(B), 'A' Grade by AP Knowledge Mission, ISO 9001:2015 certified and Accredited by NAAC) CHILAK APALEM Jn., SRIKAKULAM.

Andhra Pradesh - 532 402.

Phone: 08942 231106

www.srisivani.com

#### Objective:

- 1. To understand the basics of Semiconductor Physics.
- 2. To understand the details of Semiconductor Junctions.
- 3. To understand the MOS transistor details and its various models.

#### **Expected Outcomes:**

- 1. Develop skill in understanding the Semiconductor Physics.
- 2. Ability to understand and utilize the mathematical models of semiconductor junctions and MOS transistors

#### How To Apply:

Completed application form as per the formats given should reach the convener latest by 22-12-2020. A scanned copy of the filled in form can also be mailed to <u>ecedept.w6@gmail.com</u>. In case of delay, filled in copy can be submitted at registration desk on the day of workshop. Kindly confirm your presence to either Sri. V.Suryanarayana/K. VijayaKrishna.

#### Registration and Fees:

Research Scholar : Rs. 300/-Industrial Employees : Rs. 500/-Academic Faculty : Rs. 300/-UG Students : Rs. 250/-

\*\*\*\*Spot Registration is available\*\*\*\*\*



Institute Root-Map:



Resource Persons

Mr. K. SRINIVAS, M. Tech, Srinu kandarpa@gmail.com, 9985848985, SVCET.

Mrs. K.B. RANI, M. Tech, kundiribabyrani@gmail.com, 9347814796, SSCE



#### REGISTRATION FORM



## FIVE DAY NATIONAL WORKSHOP

"VLSI DESIGN AND NANO ELECTRONICS TRENDS AND CHALLENGES

28-12-2020 to 02-01-2021

Participant's Name

Gender: Male/Female

Educational Qualification

Department

Organization

Address for Communication

Mobile Number

Email ID

Fee Particulars
If DD, then

: DD/Cash

S. No.	DD No.	Date		
TELL STATE OF				

Date:

Signature of the Participant

(Signature of the Head of the Institution with seal)



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(Approved by AICTE, New Delhi and Permanently Affiliated to JNTUK, Kakinada-CC-W6,
UGC Recognition under 2(f) & 12(B), ISO 9001:2015 Certified)
NH-16, Chilakapalem Jn., Srikakulam Dist. -532410

### **Attendance Sheet**

#### A FIVE DAY FDP ON VLSI DESIGN AND NANOELECTRONICS: TRENDS AND CHALLENGES

S. No	Name of the Full Time Teacher	Name Of The Institution	28.12.2020	29.12.2020	30.12.2020	31.12.2020	02.01.2021
1	P.Osman	Dr. Samuel George Institute Of Engineering And Technology	Posse	P.00	P.00	P. Occ	P.00_
2	U. Gurava Rao	Gonna Institute Of Information Technology And Sciences	Cuero	Geron	Cruon	Creow	Congegner
3	A.Jyothsna	Gonna Institute Of Information Technology And Sciences	A. Jyoh	A. Jugoth	A. Tyoth	A. Tyoth	A. Jugoth -
4	K.Pojitha	Gonna Institute Of Information Technology And Sciences	K. P6	K. Pot	F. Plat	K. poj	K. Pat
5	K. Vani	Gonna Institute Of Information Technology And Sciences	h. vauri	Knowni	Kovers	k veni	1c. Kogni
6	B.Ramesh Kumar	West Godavari Institute Sciences And Technology	B. Rangh	B.Rand	B. Rangh	B. Ramsh	B. Raugh
7	K.Kumari	West Godavari Institute Sciences And Technology	K. Kurman	K. Rumer	K. Kerni	K. Koman'	K. Krowi
8	T.Kumar	Chaitanya Engineering College	7. Klim	Tiklin	FKhu	T. Kew	T. Kun
9	G.Jahnavi	Chaitanya Engineering College	br. Jahran	Cr. Jannan	G. Jahrava	Cr. Johnons	Cr. Janhon!
10	V.Himabindu	K.S.R.M College Of Engineering	v. Aly	V.41	v. Hu	V. Hu	v.Hel
11	R.V.Srihari	K.S.R.M College Of Engineering	R. v. sailly	The state of the s	R.V Srift	R.V. Soft	R. V Szifa
12	M.Prabhakar	K.S.R.M College Of Engineering	M. Pred	M. Rul	M.R.h.	M. Ruh	M. Pull
13	P.Krishna Teja Yadav	K.S.R.M College Of Engineering	Re horz hor	Pilmoro	Ditush	Davish	Plaster

14	S.Munvar Ali	K.S.R.M College Of Engineering	Smelly	Sime	Simo	Simo	Simo
15	P.Subbarayudu	Nimra College Of Engineering And Technology	P. Subhi	P. Subste	P. Subby	P. Shible	P-Sull
16	K.A. Lathhief	Nimra College Of Engineering And Technology	k.A. Lun	K.Ahr	k.Alan	k.Alan	k.Abu
17	R. Veera Bhadraiah	Vijaya Institute Of Technology For Women	R. VEETO	P. Veeza	R. Cecra	R. Ceora	R(N602101)
18	Rahmatunnisa	Vijaya Institute Of Technology For Women	Palme	Ralvie	Palia	Rapina	Kalyin
19	Md Jaheer Fathima	GIET Engineering College	3ohrs	The	Japan	Jahr	Jake
20	G. Srujana	GIET Engineering College	G. Saujah	G. Sougar	G. Shiyana	G. Snugan	G. Saryone
21	V. Lavanya	Dhanekula Institute Of Engineering And Technology	V. Lows	Vless	v. Leur	v.lan	V. Ley
22	Dr. Seshadri Sastry Kunapuli	Sri Sivani College Of Engineering	Sol	80	Sport	8	SW
23	Jeevan Kumar Vajja	Sri Sivani College Of Engineering	A)	4	do.	A)	
24	Mohana Rao Chakka	Sri Sivani College Of Engineering	(A)	M	A.	ga -	(M)
25	Nagarjuna Sigilipelli	Sri Sivani College Of Engineering	S Nord	S PW	- S. Mu	& Dogu	S. Nous
26	Praveen Chakravarthy Bh	Sri Sivani College Of Engineering	7 Carry	7-lan	7	P. Curry	-p Chury
27	Rajahmundry Hari Prasada Rao	Sri Sivani College Of Engineering	R. Hara Prose	RHSipport	R. Hote Poss	R. Hora Pased	P. HSiproya
28	Shiva Dasari	Sri Sivani College Of Engineering	D. Shina	D. Siste	D. Shiva	DShirt	D. Shirt
29	Suryanarayana Velamala	Sri Sivani College Of Engineering	Stampera	Margana	Statayan	Stevergene	Marayana
30	Vijayakrishna Korada	Sri Sivani College Of Engineering	vir release	W) 76 P	- vig y bera	vidadoad	Myolore
31	Madhavi Latha Mukalla	Sri Sivani College Of Engineering	molphi	madari	Modfin	malloni	natelyer

32	Usharani Batchala	Sri Sivani College Of Engineering	USha	UShi	USho	USh	Ush
33	K Lavanya	Sri Sivani College Of Engineering	K. Lavanya	K. Lovenson	K. La Vanya	K. Lavanya	K. Lawange
34	Vahini Monica Dharbamulla	Sri Sivani College Of Engineering	Dun	Dung	Dung	Don	Don

Program Coordinator



(Under the Management of Sri Sivani Educational Society, Srikakulam)
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NH-16, Chilakapalem Jn., Srikakulam Dist. -532410

Date: 05-01-2021

### PROGRAM REPORT

A Five Day Faculty Development Programme on "VLSI Design and Nanoelectronics Trends and Challenges" has been successfully conducted from 28.12.2020 to 02.01.2021 (10 A.M. to 4 P.M.) at Seminar Hall of ECE Department, Sri Sivani College of Engineering.

The following members are invited as the Resource persons for the Faculty Development Programme.

28.12.2020 to 30.12.2020

:K. Baby Rani, Asst. Prof, Dept. of ECE

31 12 2020 to 02.01.2021

: K. Srinivas, Asst. Prof, Dept. of ECE

SVCET. SKLM

Mr. K. Vijaya Krishna, Asst. Prof, Dept of ECE is the Co-ordinator for this program. A total of Thirty four (34) faculty members have participated in this program.

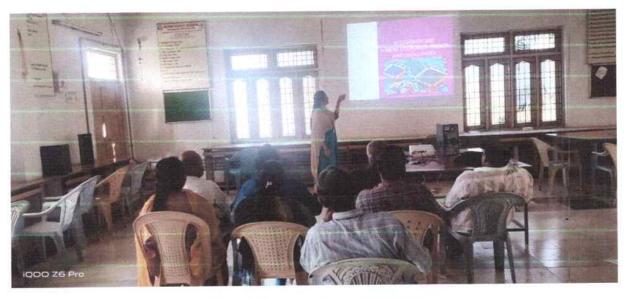
#### OBJECTIVES OF THE PROGRAM

- To study HDL based design approach.
- To learn digital CMOS logic design.
- To nurture students with CMOS analog circuit designs.
- To realize importance of testability in logic circuit design
- · To overview SoC issues and understand PLD architectures with advanced feature

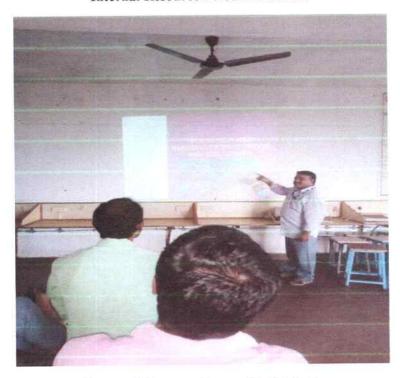
#### OUTCOMES OF THE PROGRAM

- Model digital circuit with HDL, simulate, synthesis and prototype in PLDs.
- Understand chip level issues and need of testability.
- Design analog & digital CMOS circuits for specified applications
- Gain the knowledge about MOSFET / CMOS flow operation and CMOS process.

- Gain the knowledge of transistor sizing, logical effort and combinational logic.
- Learn the design concepts with sequential logic
- Learn the issues related with the static timing analysis and clock distribution.
- To learn concepts of memory design and interconnect delay



Internal Resource Person: K.B.Rani



External Resource Person: K. Srinivas

Program Co-ordinator



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Participation Certificate

This is to certify that Prof./Dr./Mr./Ms. K. Lavanya Si. Sivani G//ege of Engineering Cehileke Pole

has participated in a Five - Day Faculty Development Program on "VLSI Design and Nanoelectronics:

Trends and Challenges" organized by Department of Electronics and Communication Engineering, during

28th December, 2020 - 02nd January, 2021.

Co-ordinator

Hoffs & Communication
Sri Siveri College of EngoChiakapalem Jn., Srikakalam.

Principal
PRINCIPAL
SRI SIVANI COLLEGE OF ENGINEERING
Chilakapatem Jn., SRIKAKULAM



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Si	Syani	Callege	of	Enginee	ving	Cchileka	Pe/em)
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has participated in a Five - Day Faculty Development Program on "VLSI Design and Nanoelectronics:

Trends and Challenges" organized by Department of Electronics and Communication Engineering, during

28th December, 2020 - 02nd January, 2021.

Co-ordinator

Sri Sivera College of Enga.
Chilakapalem in Srikakulam.

Principal

SRI SIVANI COLLEGE OF ENGINEERING Chitakapalem Jn., SRIKAKULAM



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Participation Certificate

This is to certify that Prof./Dr./Mr./Ms. M. Madhavi Latha.

of Sivani College of Engineering Celilates Pale

has participated in a Five - Day Faculty Development Program on "VLSI Design and Nanoelectronics:

Trends and Challenges" organized by Department of Electronics and Communication Engineering, during 28th December, 2020 - 02nd January, 2021.

Co-ordinator

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Orlandorities M., Srikaloutarn.

Principal

SRI SIVANI COLLEGE OF ENGINEERING Chilakapalem Jn., SRIKAKULAM



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This is to certify that Prof./Dr./Mr./As. K. Vijoya Krishna.

Sri Sivani College of Engineering (chilekofula.

has participated in a Five - Day Faculty Development Program on "VLSI Design and Nanoelectronics:

Trends and Challenges" organized by Department of Electronics and Communication Engineering, during 28th December, 2020 - 02nd January, 2021.

Co-ordinator

Dept. State of Engl.

Chilakapalem in Srikakula...

Principal

SRI SIVANI COLLEGE OF ENGINEERING Chilakapalem Jn., SRIKAKULAM



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Co-ordinator

Sri Shira Dollege of Engy.
Chilakapalem Jn., Srikakusana

Principal

PRINCIPAL
SRI SIVANI COLLEGE OF ENGINEERING
Chilakapalem Jn., SRIKAKULAM



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Participation Certificate

This is to certify that Prof./Dr./Mr./Ms. Shiva. Da Saxi of Sivani College of Engineering (Chilaka Palem)

has participated in a Five - Day Faculty Development Program on "VLSI Design and Nanoelectronics:

Trends and Challenges" organized by Department of Electronics and Communication Engineering, during 28th December, 2020 - 02nd January, 2021.

Co-ordinator

Dent of Electronic Or Engs.

Principal

SRI SIVANI COLLEGE OF ENGINEERING Chilakapalem Jn., SRIKAKULAM



(Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada-CC-W6, ISO 9001:2015 Certified, UGC Recognition under 2(f) & 12(B)) CHILAKAPALEM, SRIKAKULAM, A.P.-532410

Participation Certificate

This is to certify that Prof. ADr. Mr. Ms. R. Haxi Prasada Real of Sxi Sivani College of Engineering (chilakaple)

has participated in a Five - Day Faculty Development Program on "VLSI Design and Nanoelectronics:

Trends and Challenges" organized by Department of Electronics and Communication Engineering, during

28th December, 2020 - 02nd January, 2021.

Co-ordinator

Dast. of Electrosis & Communication College of Engg.
Chilakapalem in Srikakulani.

Principal

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Participation Certificate

This is to certify that Prof. Dr. Mr. Ms. Prayeen Chakyavax thy. Bh. Si Sivani College of Engineering Celilaka Palm)

has participated in a Five - Day Faculty Development Program on "VLSI Design and Nanoelectronics: Trends and Challenges" organized by Department of Electronics and Communication Engineering, during 28th December, 2020 - 02nd January, 2021.

Co-ordinator

Description & Communication Street Coffens of Engg.

Principal

SRI SIVANI COLLEGE OF ENGINEERING Chilakapalem Jn., SRIKAKULAM



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Participation Certificate

This is to certify that Prof. Dr. Mr. Ms. Magaziuna Sigilifelli of Sii Sivani College of Engineexing Cchilaka Pelem).

has participated in a Five - Day Faculty Development Program on "VLSI Design and Nanoelectronics:

Trends and Challenges" organized by Department of Electronics and Communication Engineering, during 28th December, 2020 - 02nd January, 2021.

Co-ordinator

Chilakapalem in Srikatu faro

Principal
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SRI SIVANI COLLEGE OF ENGINEERING
Chilakapalem Jn., SRIKAKULAM



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Participation Certificate

This is to certify that Prof./Dr./Mr./Ms. Mohana Rao. Chakka...

Le Si Siyani College of Engineering (chilake Pelem)

has participated in a Five - Day Faculty Development Program on "VLSI Design and Nanoelectronics:

Trends and Challenges" organized by Department of Electronics and Communication Engineering, during 28th December, 2020 - 02nd January, 2021.

Co-ordinator

States Correge of Enga-Critakapalem M. Srikata Jam

Principal
PRINCIPAL
SRI SIVANI COLLEGE OF ENGINEERING
Chilakapalem Jn., SRIKAKULAM



(Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada-CC-W6, ISO 9001:2015 Certified, UGC Recognition under 2(f) & 12(B)) CHILAKAPALEM, SRIKAKULAM, A.P.-532410

Participation Certificate

This is to certify that Prof. Dr. Mr. Ms. Jeevan Kumar Vajia.

E Si Sivani Callege of Engineering (chilaka Palem)

has participated in a Five - Day Faculty Development Program on "VLSI Design and Nanoelectronics:

Trends and Challenges" organized by Department of Electronics and Communication Engineering, during 28th December, 2020 - 02nd January, 2021.

Co-ordinator

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Principal

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SRI SIVANI COLLEGE OF ENGINEERING
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(Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada-CC-W6, ISO 9001:2015 Certified, UGC Recognition under 2(f) & 12(B)) CHILAKAPALEM, SRIKAKULAM, A.P.-532410

Participation Certificate

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College of Engineering (chilakafalem)

has participated in a Five - Day Faculty Development Program on "VLSI Design and Nanoelectronics:

Trends and Challenges" organized by Department of Electronics and Communication Engineering, during 28th December, 2020 - 02nd January, 2021.

SRI SIVANI COLLEGE OF ENGINEERING Chilakapalem Jn., SRIKAKULAM



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This is to certify that Prof./Dr./Mr./Ms. D. Vakini Monica S. Sivani Glege of Engineering Chilekepsla

has participated in a Five - Day Faculty Development Program on "VLSI Design and Nanoelectronics:

Trends and Challenges" organized by Department of Electronics and Communication Engineering, during 28th December, 2020 - 02nd January, 2021.

Co-ordinator

Dept. of Electronics all Companication.
Sri Swam College of Engo.
Onlakapalem In Sribalo dam.

Principal

PRINCIPAL

SRI SIVANI COLLEGE OF ENGINEERING

Chilakapatem Jn., SRIKAKULAM



(Under the Management of Sri Sivani Educational Society, Srikakulam)
(Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada-CC-W6,
UGC Recognition under 2(f) & 12(B), ISO 9001:2015 Certified)
NH-16, Chilakapalem Jn., Srikakulam Dist -532410

# **CIRCULAR**

Date 25.12.2020

The Dept of Mechanical is going to conduct A Five days FDP On "COMPUTATIONAL FLUID DYNAMICS THEORY AND APPLICATIONS" from 05.01.2021 to 09.01.2021 in the seminar hall from 10am to 4pm every day, so I request all the staff to attend.

Resource persons:

05.01.2021 to 07.01.2021:

Mr. Y. Suresh, Associate Prof, Dept. of MECH

Gonna Institute of Information Technology and Science, Aganampudi

Visakapatnam

08.01.2021 to 09.01.2021:

Mr. N. Suryanarayana, Assistant. Prof, Dept. of MECH

Sri Sivani College of Engineering, Chilakapalem in

All the staff have to attend the FDP in the Seminar Hall of the MECH Department at 9:30 am with the proper dress code and with ID cards. Attendance is mandatory.

Venue: Mech. Dept. Block, SSCE

Coordinator: Mr. S. Laxmanaraju, Asst. Prof,

Department of Mechanical Engineering

Program Co-ordinator

H.o.D

Head of The Department
Mechanical Engineering
Sri Sivani College of Engineering
Chilakapalem Jn., Srikakulam

ering

Principal

PRINCIPAL
SRI SIVANI COLLEGE OF ENGINEERING
Chilakapalem Jn., SRIKAKULAM

### Copy to

Dept.	IQAC	CIVIL	EEE	MECH	ECE	CSE	H&BS	MBA	TPO	OFFICE	Library
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CC To: The Management: for information.

# Department of Mechanical Engineering Sri Sivani College of Engineering

5 Days Faculty development programme

On

# Computational Fluid Dynamics Theory And Applications

5th Jan to 9th Jan 2021

### Program schedule

Date & Day	10:00 -13:00	13:00-14:00	14:00-16:00		
05.01.2021	Registration/Inauguration		Introduction to Numerical methods		
(Tuesday)	Introduction to Fluid dynamics (YS)	L U	Navier –stokes equations –Boundary conditions (YS)		
06.01.2021 (Wednesday)	Explanation about Turbulence modelling	N C	Explanation about Multiphase flows		
	Validation & Verification (YS)	H	Heat transfer modeling (YS)		
07.01.2021 (Thursday)	Explanation about Aeroacoustics w.r.to Fluid dynamics (YS)	В	Fluid structure interaction (YS)		
08.01.2021 (Friday)	Explanation about Computational theory of fluid dynamics (NS)	R E	Computational fluid dynamics applications (NS)		
09.01.2021	Applications of Fluid dynamics in	A K	Theory of Computational applications (NS)		
(Saturday)	various fields (NS)	K	Closing ceremony & certificates distribution (YS & NS)		

YS: Mr Y.Suresh

NS : Mr.N.Suryanarayana

Mr.S.Laxmanaraju

Program Co-ordinator

#### About the Institution:

Sri Sivani College of Engineering (SSCE) is one of the colleges functioning under Sri Sivani Educational Society. SSCE is a pioneer in the field of engineering education in Srikakulam district (A.P). It was established in the year 2006 under the affiliation of JNT University, Kakinada and approved by AICTE, New Delhi. The college is UGC Recognition under 2(f) & 12(B) certified by ISO 9001:2015 and accredited by NAAC.

SSCE is situated in a spacious 11 acres campus adjacent to NH-16 at chilkapalem village. The college is easily accessible to all the districts nearby Srikakulam.

SSCE offers B.Tech programmes in E.E.E, E.C.E, C.S.E, Mechanical and Civil Engineering, besides PG programmes M.B.A, M.Tech and Diploma programmes like E.E.E, Mechanical, and Civil Engineering as second shift.

SSCE is completely Wi-Fi enabled and equipped with well established laboratories. The college has focused towards student centric learning atmosphere. The faculty is well qualified, experienced equipped with state of art technologies and dedicated to produce marketable products.

#### About the Department:

The Department of Mechanical Engineering was established in the academic year 2009-10 with an annual intake of 120. Since its commencement, the primary objective of the department has been to impart quality education, training and research at the undergraduate levels in Mechanical Engineering with broad emphasis on design aspects of Machine design, The department also providing Diploma in Mechanical engineering with intake of 60. The Department has always been on a high growth path to keep pace with the ever increasing importance of the major disciplines of study and current technology trends. A judicious mix of experienced and young faculty with strong commitment to academics has created an ambience for learning.

### Department Vision:

To be a Centre of Eminence in Mechanical Engineering to produce technically competent professionals.

### Chief Patron:

Si. V.M.M. Sainadh Reddy esident, Sri Sivani Group of Colleges

#### Patrons:

Sri. J. Suryachandra Rao Vice President, Sri Sivani Group of Colleges

Sri. K. Durga Srinivas

Secretary, Sri Sivani Group of Colleges

Sri. D. Venkata Rao

Treasurer, Sri Sivani Group of Colleges

Sri. P. Durga Prasad Raju

Joint Secretary, Sri Sivani Group of Colleges

Dr. S. Srinivasa Rao

Correspondent, Sri Sivani Group of Colleges

Principal:

Dr. J.Balabhaskararao, Ph.D

### Head of Department:

Mr.L.S.S.Deekshit, Dept. of ME

#### Convenors:

Sri.K.Chandanrao Assistant professor,Dept of MECH Sri.K.Premkumar Assistant Professor,Dept of MECH

#### Co-Convenors:

Sri.S.Laxmanaraju
Assistant Professor, Dept. of MECH
Sri.P.Lokesh
Assistant Professor, Dept. of MECH

### Advisory Committee:

Dr.M.Muralikrishna, H.O.D, Dept. of CSE Dr.V. Suryanarayana, H.O.D., Dept. of ECE

Sri.N.Nagasrinivas, H.O.D, Dept of EEE

Sri. K.Madhukumar, H.O.D., Dept. of H & BS.

Sri. K. Ravi Kumar, H.O.D., Dept. of MBA.

### Organizing Committee:

All the Staff and Student members of Department of Mechanical Engineering, Sri Sivani College of Engineering, Srikakulam, Andhra Pradesh, India.



### 5 - DAY FACULTY DEVELOPMENT PROGERAM ON



# COMPUTATIONAL FLUID DYNAMICS THEORY AND APPLICATIONS

05-01-2021 to 09-01-2021



### Organized by

#### DEPARTMENT OF MECHANICAL ENGINEERING

SRI SIVANI COLLEGE OF ENGINEERING (W6)
(Approved by AICTE, Delhi and affiliated to JNTUK,
Kakinada,

UGC Recognition under 2(f) & 12(B) ISO 9001:2015 )

CHILAK APALEM Jn., SRIKAKULAM, Andhra Pradesh - 532 402, Phone: 08942 231106

www.srisivani.com

### Objective:

- 1. To understand the basics of Fluid dynamics computations.
- 2. To understand the future challenges in Fluid dynamics related problems and applications.
- To understand the Challenges to be faced in Applications related problems.

### **Expected Outcomes:**

- 1. Develop skill in understanding the Fluid dynamics application related issues.
- 2. Ability to understand and utilize the Fluid dynamics basics with reference to Application problems.

### How To Apply:

Completed application form as per the formats given should reach the convener latest by 02-01-2021. A scanned copy of the filled in form can also be mailed to <u>medept.w6@gmail.com</u>. In case of delay, filled in copy can be submitted at registration desk on the day of workshop. Kindly confirm your presence to either Sri. S.Laxmanaraju/K. Chandrarao.

### Registration and Fees:

Research Scholar : Rs. 300/Industrial Employees : Rs. 500/Academic Faculty : Rs. 300/UG Students : Rs. 250/-

\*\*\*\*Spot Registration is available\*\*\*\*

### Institute Root-Map:



### Resource Persons:

**Mr. Y. Suresh**, M. Tech, Gonna institute of information technology and science, Visakapatnam,



# "COMPUTATIONAL FLUID DYNAMICS THEORY AND APPLICATIONS"

05-01-2021 to 09-01-2021

Participant's Name : Gender: Male/Female :

Educational Qualification

Department

Organization
Address for Communication

Mobile Number

Email ID

Fee Particulars : DD/Cash

If DD, then

DD No.	Date
	DD No.

Date:

Signature of the Participant

(Signature of the Head of the Institution with seal)



(Approved by AICTE, New Delhiand Permanently Affiliated to JNTUK, Kakinada-CC-W6, UGC Recognition under 2(f) & 12(B), ISO 9001:2015 Certified)

NH-16, Chilakapalem Jn., Srikakulam Dist. -532410

# Attendance Sheet

## A FIVE DAY FDP ON COMPUTATIONAL FLUID DYNAMICS THEORY AND APPLICATIONS

NO.	NAME OF THE FULLTIME TEACHER	NAME OF THE INSTITUTION	05.01.2021	06.01.2021	07.01.2021	08.01.2021	09.01.2021
1	M.Anjaneyulu	Dr.Samuel George Institute Of Engineering And Technology	cil Anj	M. Anj	M. Ag-	MAry	M. Aris
2	D.Rameshbabu	Dr.Samuel George Institute Of Engineering And Technology	Ran	of gir	- Dav.	Rain	Rauls
3	K.Rarisingh	Gonna institute of Information Technology & science	\$ 5:0	F. Suj	Llup	Stown	F. San
4	K.V.Ganesh	Gonna institute of Information Technology & science	bug	Kne	Kng	Kus	Kren
5	Y.Priyanka	Gonna institute of Information Technology & science	y. Pringe	y. Prize	y Prize	J Bruge	- There
6	T.Narasimhamurthy	Chaitanya Engineering College	Filarosinh	T-Narasim	ut. Navasim	T-Navashuh	T.Narahun
7	G.Babji	Chaitanya Engineering College	Tobil.	Rabi.	Baki:	1: das	Bobii
8	D.Ravikanth	K.S.R.M College of Engineering	Quibert	Roullant	Pari kuti	Ravibuli	
9	U.Pradeepkumar	K.S.R.M College of Engineering	(15 Judas	47 hades	V. Flude 8	U. Andel	U. Phart
10	A.Harikrishna	K.S.R.M College of Engineering	2. Harr	Affani	Alari	Attant	AHarr
11	T. Haritha	NRI Institute Of Technology	Stalle	Skolen	phathe	Straten	Horobie
12	G. Durga Prasad	NRI Institute Of Technology	Graphur	G. d Phob	-G.D.Phur	G. d. Meno	a.d. Phese
13	R. Vijaya Krishna	NRI Institute Of Technology	Graphur RVK91: Alaca	R.v Edisho	Ru, tehisha	R.V KRITHI	er. v. khahn
14	G. R. S. N. Malleswara Rao	NRI Institute Of Technology	G.R.S.N	GRS.N	GRSN	GREN	GRS.P
15	O.N.V. P. Bhagavan Kumar	NRI Institute Of Technology	0,966_	oule	oubl	Ouble	obble
16	Syed Hameed	NIMRA college of Engineering And Technology	84	84	84	841	84

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17	Syed Ataul Rehaman Basha	NIMRA college of Engineering And Technology	Sight Syat Syul Syaf saget.
18	N. Nageswara Rao	NIMRA college of Engineering And Technology	May Nay New War War
19	Shaik Lalu	NIMRA college of Engineering And Technology	31 31 81 81
20	S. K. Salman Basha	Sasi Institute of Technology and Engineering	& & & & -
21	M. Vinod Kumar	Sasi Institute of Technology and Engineering	Mirade Mirad Mirad Mirad Mirad
22	M. V. Naveen	Sasi Institute of Technology and Engineering	MAD MIC NATO MOD MIN
23	R. Srinanth	Sasi Institute of Technology and Engineering	Rep Resid Rock Resid
24	M. Kiranmai	Vijaya Institute of Technology for Women	MODE INDO MODE MADE
25	Dr. G. V. Adi Lakshmi	Vijaya Institute of Technology for Women	AR AR AR
26	K. Ganesh	Sai Ganapathi College of Engineering	Reno Dos da Ra
27	Dr. Neelapu Satish	Dhanekula Institute of Engineering and Technology	MS NE ME ME
28	Harish kumar siddani	Sri Sivani College Of Engineering	S. Have Stave Stave Stave
29)	Laxmanaraju salavaravu	Sri Sivani College Of Engineering	Bi Ai Ai
30	Lokesh pagoti	Sri Sivani College Of Engineering	9. Cohe P. los J. loles P. lely Plade
31	Pavan kumar rejeti	Sri Sivani College Of Engineering	R Rose & Par & fan R. Parry R. Karry
32	Prema kumar kurmana	Sri Sivani College Of Engineering	Dow from from Down
33	Sai krishna mukalla	Sri Sivani College Of Engineering	4. Sail H. Salk M. Salk M. Sallo
34	Sai sankara deekshit lakkoju	Sri Sivani College Of Engineering	De DR DR
35	Sriramamurthy boddepalli	Sri Sivani College Of Engineering	Bes Buy Brid Bely Bush

Program Coordinator



(Under the Management of Sri Sivani Educational Society, Srikakulam)

(Approved by AICTE, New Delhi and Permanently Affiliated to JNTUK, Kakinada-CC-W6,

UGC Recognition under 2(f) & 12(B), ISO 9001:2015 Certified)

NH-16, Chilakapalem Jn., Srikakulam Dist -532410

Date: 11.01.2021

### PROGRAM REPORT

It is to inform that A Five day faculty development programme on "Computational Fluid dynamics Theory and Applications" has been successfully conducted from 05.01.2021 to 09.01.2021 (10 A.M. to 4 P.M.) at seminar Hall of Mechanical Department, Sri Sivani College of Engineering.

The following members are invited as the Resource persons for the seminar.

05.01.2021 to 07.01.2021 : Mr.Y.Suresh, Associate. Prof, Dept. of Mechanical ,GITS, Visakhapatnam 08.01.2021 to 09.01.2021 : Mr.N.Suryanarayana ,Asst.Prof, Dept. of Mechanical, SSCE, Chilakapalem jn Co-ordinator : Mr.S.Laxmanaraju,Asst. prof, Dept. of Mechanical, SSCE, Chilakapalem jn

Two eminent Resource persons have expressed categorically the importance of Computational Fluid Dynamics Theory and Applications All of the attendees were quite impressed and inspired by the seminar. They exhibited their curiosity and acknowledged the Seminar's significance. They consider that attending the Seminar is a practical learning opportunity for them.

### OBJECTIVES OF THE PROGRAM

The main objectives of this FDP is to improve the accuracy of CFD Simulations by refined numerical methods, High-performance computing by enhancing CFD software and algorithms to leverage the power of high-performance computing for faster and detailed simulations and for multi disciplinary applications.

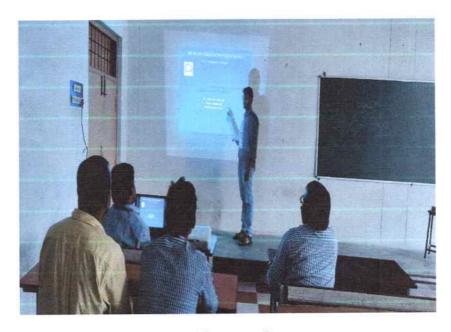
#### OUTCOMES OF THE PROGRAM

The main outcomes of computational fluid dynamics is to improve design and performance to optimize products and systems for better performance and efficiency, reducing development costs and shortening product development cycles, safer and more efficient processing.

Thirty five (35) Number faculty have participated in the program.



**External Resource Person** 



**Internal Resource Person** 

Programme Co-ordinator



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Certificate of Participation

This is to certify that Prof./Dr./Mr./Ms. Laxman Yaju Salavayavu

of Sti Sivani college of Engineering, chilakapalem

has participated in a Five - Day Faculty Development Program on "Computational Fluid Dynamics: Theory and Applications" organized by Department of Mechanical Engineering, during 05th - 09th January, 2021.

Co-ordinator

Head of The Department Mechanical Engineering Sri Sivani College of Engineering Chilakapalem Jn., Srikakulam Principal PRINCIPAL

SRI SIVANI COLLEGE OF ENGINEERINI Chilakapalem Jn., SRIKAKULAM



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Certificate of Participation

Co-ordinator

Head of The Department
Mechanical Engineering
Sri Sivani College of Engineering
Chilakapalem In., Srikakulam

Principal
PRINCIPAL
SRI ŠĪVANI COLLEGE OF ENGINEERING
Chilakapalem Jn., SRIKAKUL



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Certificate of Participation

Co-ordinator

Head of The Department Mechanical Engineering Sri Sivani College of Engineering Chilakapalem Jn., Srikakulam Principal
PRINCIPAL
SRISIVANI COLLEGE OF ENGINEERING
Chilakapatem Jn., SRIKAKULAM



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Certificate of Participation

		Th	is is to	to certify that Prof./Dr./Mr./Ms						
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Dyr	amics:	Theor	y and	Applica	tions'	organize	ed by Departme	ent of Mechar	nical Engineering,	during
05tl	ı - 09th	Janua	rv. 20	21.						

Co-ordinator

Head of The Department
Mechanical Engineering
Sri Sivani College of Engineering
Chilakapalem Jn., Srikakulam

Principal
PRINCIPAL
SRI SIVANI COLLEGE OF ENGINEERING
Chilakapalem Jn., SRIKAKULAM



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Certificate of Participation

Co-ordinator

Head of The Department
Mechanical Engineering
Sri Sivani College of Engineering
Chilakapalem Jn., Srikakulam

Principal
PRINCIPAL
SRI SIVANI COLLEGE OF ENGINEERING
Chilakapalem Jn., SRIKAKULAM



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Certificate of Participation

This is to certify that Prof./Dr./Mr./Ms. Saisankara deckshit lakkeju of Sri Sivani college of Engineering, chilakapalem has participated in a Five - Day Faculty Development Program on "Computational Fluid

Dynamics: Theory and Applications" organized by Department of Mechanical Engineering, during

05th - 09th January, 2021.

Co-ordinator

Head of The Department
Mechanical Engineering
Sri Sivani College of Engineering
Chilakapalem Jn., Srikakulam

Principal

SRI SIVANI COLLEGE OF ENGINEERIN Chilakapalem Jn., SRIKAKULAN



(Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada-CC-W6, ISO 9001:2015 Certified, UGC Recognition under 2(f) & 12(B)) CHILAKAPALEM, SRIKAKULAM, A.P.-532410

Certificate of Participation

This is to certify that Prof./Dr./Mr./Ms... Syivamamusthy boddepalli

of Syi Sivani college of Engineering, chilakapalem.

has participated in a Five - Day Faculty Development Program on "Computational Fluid

Dynamics: Theory and Applications" organized by Department of Mechanical Engineering, during

05th - 09th January, 2021.

Co-ordinator

Head of The Department Mechanical Engineering Sri Sivani College of Engineering Chilakapalem Jn., Srikakulam Principal

SRI SIVANI COLLEGE OF ENGINEERING Chilakapalem Jn., SRIKAKULAM



(Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada-CC-W6, ISO 9001:2015 Certified, UGC Recognition under 2(f) & 12(B)) CHILAKAPALEM, SRIKAKULAM, A.P.-532410

Certificate of Participation

This is to certify that Prof. Mr. Mr. Ms. SAI KRISHNA MUKKALA, Asst. praf.

of SRI SIVANI COLLEGE OF ENGG, CHILAKA PALEM.

has participated in a Five - Day Faculty Development Program on "Computational Fluid Dynamics: Theory and Applications" organized by Department of Mechanical Engineering, during 05th - 09th January, 2021.

Co-ordinator

Head of The Department Mechanical Engineering Sri Sivani College of Engineering Chilakapalem Jn., Srikakulam Principal PRINCIPAL PRINCIPAL

SRI SIVANI COLLEGE OF ENGINEERING Chilakapalem Jn., SRIKAKULAM



(Under the Management of Sri Sivani Educational Society, Srikakulam)
(Approved by AICTE, New Delhi and Permanently Affiliated to JNTUK, Kakinada-CC-W6, UGC Recognition under 2(f) & 12(B), ISO 9001:2015 Certified)
NH-16, Chilakapalem Jn., Srikakulam Dist. -532410

Date: 30-01-2021

# **CIRCULAR**

This is to inform to all the staff that the Dept of H&BS is going to conduct A FIVE DAY FDP ON EFFECTIVE COMMUNICATION SKILLS FOR ENGINEERING EDUCATORS from 08.02.2021 to 12.02.2021. In this regard, advised all the concerned faculty participate in said program.

#### Resource Persons

08.02.2021 to 09.02.2021

: Sri. D. Srikanth, Lecturer, RGUKT, SKLM

10.02.2021 to 11.02.2021

: Sri. V. Shanmukha Sai, Lecturer, Sai Degree College, PLKD

12.02.2021

: Sri. K. MadhuKumar Assoc. Prof. & HOD (H&BS), SSCE

Venue: H&Bs Block, SSCE.

Co-ordinator: Smt. B. Padmavathi,

Department of H &Bs

Program Co-ordinator

Head of the Department
Humanities and Basic Sciences
Sri Sivani College of Engineering
NH-16, Chilakapalem
Srikakulam-532 402

Principal
PRINCIPAL
SRI SIVANI COLLEGE OF ENGINEERING
Chilakapalem Jn., SRIKAKULAM

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CC To: The Management for information.

# Sri Sivani College of Engineering Srikakulam

# Department of Humanities and Basic Sciences

A Five-Day FDP

On

Effective Communication Skills for Engineering Educators  $08^{th}$  to  $12^{th}$  Feb 2021

### **Program Schedule**

	10: 00 - 13: 00	13:00 - 14:00	14:00 - 16:00		
08.02.2021	Registration/ Inauguration		Developing clarity in speech and expression. Active listening techniques. (DS)		
(Mon.)	Understanding the importance of communication skills for engineering educators.(DS)		Role-playing exercises for effective verbal communication. (DS)		
00 00 2021	Online Teaching Communication Strategies (DS)	L	Social Media and Professional Networking (DS)		
09.02.2021 (Tue.)	Utilizing technology for interactive sessions, Addressing challenges in online communication (DS)	U N C H B	Networking strategies for educators (DS)		
10.02.2021	Designing Engaging Presentations (VSS)		Overcoming Public Speaking Anxiet (VSS)		
(Wed.)	Effective use of visuals and multimedia. (VSS)	R E	Individual and group presentation practice (VSS)		
11.02.2021	Building Positive Relationships (VSS)	A K	Nonverbal Communication, Understanding body language. (VSS)		
(Thu.)	Fostering a positive learning environment (VSS)		Cultural sensitivity in nonverbal communication (VSS)		
12,02,2021	Structuring academic documents (KMK)		Netiquette and best practices in electronic communication (KMK)		
(Fri.)	Importance of concise and precise written communication. (KMK)		Reviewing common mistakes and how to avoid them. (KMK)		

DS: Sri. D. Srikanth

VSS: Sri. V. Shanmukha Sai

KMK: Sri. K. MadhuKumar

Smt. B. Padmavathi

Program Coodinator



# Sri Sivani College Of Engineering

[Under the Management of Sci Swam Educational Society, Shikahulani Approved by AICE, sew Dethi and Affiliated to InTUR, Rakinada CC WG, UGC Recognition under 2/f) & 12(8), ISO 3001/2015 Certified Nru 6, Chilakapaten In. Shikahulam Ont. 512/418

#### About the Institution:

Sri Sivani College of Engineering (SSCE) is one of the colleges functioning under Sri Sivani Educational Society. SSCE is a pioneer in the field of engineering education in Srikakulam district (A.P). It was established in the year 2006 under the affiliation of JNT University. Kakinada and approved by AICTE. New Delhi. The college is UGC Recognition under 2(f) & 12(B) certified by ISO 9001:2015.

SSCE is situated in a spacious 11 acres campus adjacent to NH-16 at chilkapalem village. The college is easily accessible to all the districts nearby Srikakulam.

SSCE offers B.Tech programmes in E.E.E. E.C.E. C.S.E. Mechanical and Civil Engineering, besides PG programmes M.C.A. M.B.A. M.Tech and Diploma programmes like E.E.E. Mechanical, and Civil Engineering as second shift.

SSCE is completely Wi-Fi enabled and equipped with well established laboratories. The college has focused towards student centric learning atmosphere. The faculty is well qualified, experienced equipped with state of art technologies and dedicated to produce marketable products.

### About the Department:

The Department of research and development, Sri Sivani College of Engineering was established in the year 2006. All through its sparkling history of 15 years. The department has always been on a progressive path, thanks to the experienced and dedicated faculty members who have a strong commitment towards providing quality engineering education



#### Chief Patron:

Sri. V.M.M. Sainadh Reddy

President, Sri Sivani Group of Colleges

#### Patrons:

Sri. J. Suryachandra Rao

Vice President, Sri Sivani Group of Colleges

Sri. K. Durga Srinivas

Secretary, Sri Sivani Group of Colleges

Sri. D. Venkata Rao

Treasurer, Sri Sivani Group of Colleges

Sri. P. Durga Prasad Raju

Joint Secretary, Sri Sivani Group of Colleges

Dr. S. Srinivasa Rao

Correspondent, Sri Sivani Group of Colleges

Principal:

Dr. J. Bala Bhaskararao, Principal, SSCE

### Head of Department:

Mr. K. MADHUKUMAR GARU, ASSOC.PROF, Dept. H&BS

#### Co-ordinator:

Smt. B. Padmavathi, Asst. Prof of Mathematics,

Dept of H&BS

#### Resource Persons:

Sri. D.Srikanth, Lecturer, RGUKT, SKLM Sri. V. Shanmukha Sai, Lecturer, Sai Degree College, PLKD Mr. K. MADHUKUMAR GARU, ASSOC.PROF, Dept. H&BS



A FIVE DAY FACULTY DEVELOPMENT PROGRAMME ON "EFFECTIVE COMMUNICATION SKILLS FOR ENGINEERING EDUCATORS" from 08-02-2021 to 12-02-2021



Organized by
DEPARTMENT OF H&BS

SRI SIVANI COLLEGE OF ENGINEERING (W6)

(Approved by AICTE, Delhi and affiliated to JNTUK, Kakinada.

UGC Recognition under 2(f) & 12(B),

'A' Grade by AP Knowledge Mission,
ISO 9001:2015 certified)

CHILAK APALEM Jn., SRIKAKULAM.
Andhra Pradesh - 532 410.

### Objective :

- 1 To increase the confidence of engineering educators in their communication abilities.
- 2 To enhance the engagement with stakeholders through effective communication strategies.
- 3 To empower educators to communicate with influence, regardless of their formal authority.
- 4 To **improve clarity** and understanding in communication to ensure that the intended message is accurately conveyed.
- 5 To build rapport with audiences and present communications in a way that resonates with them
- 6.To understand and apply different communication styles appropriately, depending on the context.

#### **Expected Outcomes:**

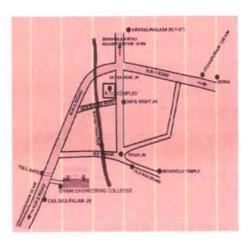
- 1 Engineering educators will be better equipped to articulate complex technical concepts clearly and effectively
- 2 They will be able to build and maintain professional relationships through improved communication skills.
- 3 Educators will be more confident in public speaking, presentations, and interpersonal communication.
- 4. The programme will help in preparing educators for successful transition into roles that require strong communication skills.
- 5 Participants will learn to engage more effectively with their students, colleagues, and the broader engineering community.
- 6. The development of these skills will give educators a **distinct advantage** in the academic and professional world

Registration Fee: Rs500/-

\*\*\*\*Spot Registration is available \*\*\*\*



### Route Map:





Date:

# A FIVE DAY FACULTY DEVELOPMENT PROGRAMME ON "EFFECTIVE COMMUNICATION SKILLS FOR ENGINEERING EDUCATORS" from 08-02-2021 to 12-02-2021

Participant's name:	
Gender: Male/Female :	
Designation :	
Department :	
Organization:	
Address for Communication	
Mobile Number :	
Email ID:	

Signature of the Participant



(Under the Management of Sri Sivani Educational Society, Srikakulam)
(Approved by AICTE, New Delhi and Permanently Affiliated to JNTUK, Kakinada-CC-W6,
UGC Recognition under 2(f) & 12(B), ISO 9001:2015 Certified)
NH-16, Chilakapalem Jn., Srikakulam Dist. -532410

# **Attendance Sheet**

### A FIVE DAY FDP ON EFFECTIVE COMMUNICATION SKILLS FOR ENGINEERING EDUCATORS

S. No	Name of the Full Time Teacher	Name Of The Institution	08,02,2021	09.02.2021	10.02.2021	11.02.2021	12.02.2021
1	P.Purnima	West Godavari Institute Sciences And Technology	P. Rounna			PRomine	
2	R. Narayana Rao	Chaitanya Engineering College	R. Narayama	R. Narayana	R. Nazayana	Ronayana	R. Narrayan
3	N. Divya	Gonna Institute of Information Technology and Sciences	N. Divya	N. Divya	N. Diviya	N. Divya	N.Divya
4	V.Bharathi	Gonna Institute of Information Technology and Sciences	Bhaorathi	rsharathi	rshorathi	Bharathi	13 haorathi
5	G. Sri Rama Murthy	Gonna Institute of Information Technology and Sciences	G. Sni Pany	GSMEM	GSRMW	GSPM	GERRA
6	R. Srinivasa Rao	Gonna Institute of Information Technology and Sciences	R.S.	RSM	P.S.	RSW	2.Sn
7	B. Vijay Kumar	Nimra College of Engineering and Technology	& Vjaykunos	B. Vijarken	13. Vigasta	V Vijaglin	Bligatur
8	P. Niharika	Nimra College of Engineering and Technology	P. Nihantika	P. Nihariko	p. Niharika	p. Nihavi ka	PNitavilo
9	M. Kousalya Devi	Vijaya Institute of Technology for women	M. Kowl	M. kow	M Kow	M. Kous	M. Kowl
10	K. Satya Durga	Vijaya Institute of Technology for women	1		1		2
11	T. Vijay Kumar Naidu	Aditya Degree &PG College	vijayokuman	Vijaykana	vijaykuman	vijaykyma	vijay Kuma
12	M. Madhavi	Avanthi's St. Theressa Institute of	MoMadhavi	0 11		M. madhau	

		Engineering & Technology					
13	D. Kiran	Avanthi's St.Theressa Institute of Engineering & Technology	D. Kisuan	D. kisuan	D. Kiran	D. Kújan	0. Klalan
14	G. Prema Swathi	GIET Engineering College	G. Poru	Che Borema	Croper	Cr Bru	Color
15	G. Durga Prasad	GIET Engineering College	CI Daggag	Gr. Rouges	Gallingt	Cr. Bwgar	61.20090
16	A. Appala Raju	Sri Venkateswara College Of Engineering& Technology	-A-Appalargio	A. Appalariju	A. Appalangu		A. Appalaxaju
17	B. Venkata Rao	Sri Venkateswara College Of Engineering& Technology	13 Verstales	B. Venkala	B. Venkal	B. Ventralo	B. Venkar
18	Arjuna Rao Anupoju	Sri Sivani college of Engineering	A	A	1	A	A
19	Balaji Telukala	Sri Sivani college of Engineering	Jan	42	M	Say	The state of the s
20	D V Santhosh Kumar	Sri Sivani college of Engineering	Dus	Dus	Dus	Dus	Styl
21	Govinda Rao Mantri	Sri Sivani college of Engineering			20		
22	Gowrisankar Jagginna	Sri Sivani college of Engineering	Gami	Gam	Gauri	Gaini	Gan.
23	Hari Krishna Chowdari Bagadi	Sri Sivani college of Engineering	BHEChever	BHleulr		i BHC Gueli	BHCChuei
24	Kotibabu Kornu	Sri Sivani college of Engineering	r. Kly	Koly	10. Kstuy	lingty	11.16lay
25	Bhavani Potnuru	Sri Sivani college of Engineering	& Bhavani	& Bhaylan	1 Bhaven	& Bhavay	1 HBhach
26	Ramana Murthy Ponnada	Sri Sivani college of Engineering	Surety	Soundly	family		Lount
27	Vinodkumar Vaddadi	Sri Sivani college of Engineering	Noo	Wes V	Vico	VRao	VR00
28	Padmavathi Boddepalli	Sri Sivani college of Engineering	AL.	de	M		TAN-
29	Dr. Prasada Rao Bondada	Sri Sivani college of Engineering	Balo	MA		01	W.
30	Aditya Vamsi Krishna Vanaparti	Sri Sivani college of Engineering	VA.V.	U40	UAL	٧٨٠ـــه	VAL
31	Ravi Kumar Karnayina	Sri Sivani college of Engineering	13		10	10	ACA
32	Keerthana Chintalapudi	Sri Sivani college of Engineering	<b>6</b>	(B)	4		





(Under the Management of Sri Sivani Educational Society, Srikakulam)

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NH-16, Chilakapalem Jn., Srikakulam Dist. -532410

Date: 16-02-2021

#### PROGRAM REPORT

A Five Day Faculty Development Programme on "Effective Communication Skills for Engineering Educators" has been successfully conducted from 08.02.2021 to 12.02.2021 (10 A.M. to 4 P.M.) at Digital Hall of H&BS Department, Sri Sivani College of Engineering.

The following members are invited as the Resource persons for the Faculty Development Programme

08.02.2021 to 09.02.2021

: Sri. D. Srikanth, Lecturer, RGUKT, SKLM

10.02.2021 to 11.02.2021

: Sri. V. Shanmukha Sai, Lecturer, Sai Degree College, PLKD

12.02.2021

: Sri. K. MadhuKumar Assoc. Prof. & HOD (H&BS), SSCE

Smt. B. Padmavathi, Department of H &Bs SSCE is the co-ordinator for this FDP.

This FDP is aimed to empower engineering educators with the communication skills necessary to create an effective and enriching learning environment for their students. All of the attendees were quite impressed and inspired by the FDP. They exhibited their curiosity and acknowledged the significance of the FDP. They consider attending the FDP to be a practical learning opportunity for them. 32 faculty members have participated in this program.

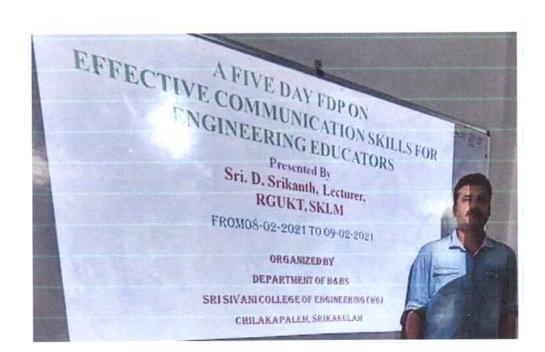
#### OBJECTIVES OF THE PROGRAM

The Main objectives of this FDP are

- 1. To increase the confidence of engineering educators in their communication abilities.
- 2. To enhance the engagement with stakeholders through effective communication strategies.
- 3. To empower educators to communicate with influence, regardless of their formal authority.
- To improve clarity and understanding in communication to ensure that the intended message is accurately conveyed.
- To build rapport with audiences and present communications in a way that resonates with them.
- To understand and apply different communication styles appropriately, depending on the context.

#### OUTCOMES OF THE PROGRAM

- 1. Clear and Engaging Communication: Participants experienced improved clarity and effectiveness in verbal communication skills.
- Enhanced Non-Verbal Communication Skills: Participants experienced improved non-verbal communication, creating a positive and engaging classroom environment.
- 3. Strategic Use of Visual Aids: Participants will integrate visual aids and technology effectively into their teaching, enhancing the overall learning experience for students.
- Active Listening Proficiency: Participants developed strong active listening skills, leading to better understanding and responsiveness to student needs.
- Constructive Feedback Practices: Participants provided constructive and timely feedback, fostering a supportive learning environment and contributing to student growth.





Total No. of Participants: 32

Program Coordinator



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Participation Certificate

This is to certify that Prof./Dr./Mr./Ms. D. V. SANTHOSHKUMAR.....

of SRI SIVANI COLLEGE OF ENGINEERING, CHILAKAPALEM

has participated in a Five - Day Faculty Development Program on "Effective

Communication Skills for Engineering Educators" organized by Department of Humanities &

Basic Sciences, during 08th - 12th February, 2021.

Co-ordinator

Head of the Department Humanities and Basic Sciences Sri Sivani College of Engineering NH-16, Chilakapalem Srikakulam-532 402





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Participation Certificate

This is to certify that Prof./Dr./Mr./Ms. GOVINDA RAO MANTRI

of SRI SIVANI COLLEGE OF ENGINEERING, CHILAKAPALEM

has participated in a Five - Day Faculty Development Program on "Effective

Communication Skills for Engineering Educators" organized by Department of Humanities &

Basic Sciences, during 08th - 12th February, 2021.

Co-ordinator

Head HoD Department
Humanities and Basic Sciences
Sri Sivani College of Engineering
NH-16, Chilakapalem
Srikakulam-532 402

Principal PRINCIPAL



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Participation Certificate

This is to certify that Prof./Dr./Mr./Ms. B. H. K. CHOWDARL

OF SRI SIVANI COLLEGE OF ENGINEERING CHILAKAPALEM

has participated in a Five - Day Faculty Development Program on "Effective

Communication Skills for Engineering Educators" organized by Department of Humanities &

Basic Sciences, during 08th - 12th February, 2021.

Co ordinator

Head of the Department
Humanities and Basic Sciences
Sri Sivani College of Engineering
NH-16, Chilakapalem
Srikakulam-532 402

Principal
PRINCIPAL
SRI SIVANI COLLEGE OF ENGINEERING
Chilakapatem Jn., SRIKAKULAM



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Participation Certificate

This is to certify that Prof./Dr./Mr./Ms. BHAVANZ POINURU

OF SRI SIVANI COLLEGE OF ENGINEERING, CHILAKAPALEM

has participated in a Five - Day Faculty Development Program on "Effective

Communication Skills for Engineering Educators" organized by Department of Humanities &

Basic Sciences, during 08th - 12th February, 2021.

Co-ordinator

Heart De Department Humanities and Basic Sciences Sri Sivani College of Engineering NH-16, Chilakapalem Srikakulam-532 402 Principal



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Participation Certificate

This is to certify that Prof./Dr./Mr./Me. B. PRASAD RAD

OF SRI SIVANI COLLEGE OF ENGINEERING CHILARAPALEM

has participated in a Five - Day Faculty Development Program on "Effective

Communication Skills for Engineering Educators" organized by Department of Humanities &

Basic Sciences, during 08th - 12th February, 2021.

Co-ordinator

Head of the Department Humanities and Basic Sciences Sri Sivani College of Engineering NH-16, Chilakapalem Srikakulam-532 402 Principal



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Participation Certificate

This is to certify that Prof./Dr./Mr./Ms. A.V. KRISHNA VANAPARTI

OF SRI SIVANI COLLEGE OF ENGINEERING, CHILAKAPALEM

has participated in a Five - Day Faculty Development Program on "Effective

Communication Skills for Engineering Educators" organized by Department of Humanities &

Basic Sciences, during 08th - 12th February, 2021.

Co-ordinator

Head of the Department Humanities and Basic Sciences Sri Sivani College of Engineering NH-16, Chilakapalem Srikakulam-532 402 Principal



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Participation Certificate

This is to certify that Prof./Dr./Mr./Ms.RAVI. KUMAR. KURNAYINA....

OF SRI SIVANI COLLEGE OF ENGINEERING, CHILAKAPALEM

has participated in a Five - Day Faculty Development Program on "Effective

Communication Skills for Engineering Educators" organized by Department of Humanities &

Basic Sciences, during 08th - 12th February, 2021.

Co-ordinator

Head of the Department Humanities and Basic Sciences Sri Sivani College of Engineering NH-16, Chilakapalem Srikakulam-532 402 Principal



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Participation Certificate

This is to certify that Prof./Dr./Mr./Ms. KEERTHANA CHINTALAPUDI

OF SRI SIVANI COLLEGE OF ENGINEERING. CHILAKAPALEM

has participated in a Five - Day Faculty Development Program on "Effective

Communication Skills for Engineering Educators" organized by Department of Humanities &

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Co-ordinator

Head of the Department Humanities and Basic Sciences Sri Sivani College of Engineering NH-16, Chilakapalem Srikakulam-532 402





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Participation Certificate

This is to certify that Prof./Dr./Mr./Ms..p.ADMAVATH1.....BODDEPALLI...

SRI SIVANI COLLEGE OF ENGINEERING, CHILAKAPALEM

has participated in a Five - Day Faculty Development Program on "Effective

Communication Skills for Engineering Educators" organized by Department of Humanities &

Basic Sciences, during 08th - 12th February, 2021.

Co-ordinator

HoD

Head of the Department Humanities and Basic Sciences Sri Sivani College of Engineering NH-16, Chilakapalem Srikakulam-532 402 Principal



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This is to certify that Prof. /Dr. /Mr. /Ms. VINODKUMAR VADDADI......

SRI SIVANI COLLEGE OF ENGINEERING CHILAKAPALEM

has participated in a Five - Day Faculty Development Program on "Effective

Communication Skills for Engineering Educators" organized by Department of Humanities &

Basic Sciences, during 08th - 12th February, 2021.

Co-ordinator

Head of the Department Humanities and Basic Sciences Sri Sivani College of Engineering NH-16, Chilakapalem Srikakulam-532 402 Principal PRINCIPAL



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Participation Certificate

This is to certify that Prof. / Dr. / Mr. / Ms. RAMANA. MURTHY.... PONNADA....

SRI SIVANI COLLEGE OF ENGINEERING CHILAKAPALEM

has participated in a Five - Day Faculty Development Program on "Effective

Communication Skills for Engineering Educators" organized by Department of Humanities &

Basic Sciences, during 08th - 12th February, 2021.

Co-ordinator

Head of the Department Humanities and Basic Sciences Sri Sivani College of Engineering NH-16, Chilakapalem Srikakulam-532 402 Principal
PRINCIPAL
SRI SIVANI COLLEGE OF ENGINEERING
Chilakapalem Jn., SRIKAKULAM



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This is to certify that Prof./Dr./Mr./Ms. KOT. BABU. KORNU.

SRI. SIVANI. COLLEGE OF ENGINEERING. CHILAKAPALEM.

has participated in a Five - Day Faculty Development Program on "Effective Communication Skills for Engineering Educators" organized by Department of Humanities & Basic Sciences, during 08th - 12th February, 2021.

Co-ordinator

Head of the Department Humanities and Basic Sciences Sri Sivani College of Engineering NH-16, Chilakapalem Srikakulam-532 402 Principal
PRINCIPAL
SRI SIVANI COLLEGE OF ENGINEERING
Chilakapalem Jn., SRIKAKULAM



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Participation Certificate

This is to certify that Prof./Dr./Mr./Ms. GOWRISANKAR. JAGGINNA

SRI SIVANI COLLEGE OF ENGINEERING, CHILAKA PALEM

has participated in a Five - Day Faculty Development Program on "Effective

Communication Skills for Engineering Educators" organized by Department of Humanities &

Basic Sciences, during 08th - 12th February, 2021.

Co-ordinator

Head O De Department Humanities and Basic Sciences Sri Sivani College of Engineering NH-16, Chilakapalem Srikakulam-532 402 Principal



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Participation Certificate

This is to certify that Prof./Dr./Mr./Ms. Balaji. Telukula

SRI SIVANI COLLEGE OF ENGINFERING CHILAKAPALEM

has participated in a Five - Day Faculty Development Program on "Effective

Communication Skills for Engineering Educators" organized by Department of Humanities &

Basic Sciences, during 08th - 12th February, 2021.

Co-ordinator

Heation De Department Humanities and pusic Sciences Sri Sivani College of Engineering NH-16, Chilakapalem Srikakulam-532 402 Principal
PRINCIPAL
SRI SIVANI COLLEGE OF ENGINEERING
Chilakapalem Jn., SRIKAKULAM



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Participation Certificate

This is to certify that Prof./Dr./Mr./Ms. ARJUNA RAO. ANUPOJU.....

SRI SIVANI COLLEGE OF ENGINEERING, CHILAKAPALEM

has participated in a Five - Day Faculty Development Program on "Effective

Communication Skills for Engineering Educators" organized by Department of Humanities &

Basic Sciences, during 08th - 12th February, 2021.

Co-ordinator

Hearton deportment Humanition of diences Sri Sivani College of Engineering NH-16, Chilakapalem Srikakulam-532 402

Principal
PRINCIPAL
PRINCIPAL
SRI SIVANI COLLEGE OF ENGINEERING
Chilakapalem Jn., SRIKAKULAM

# Administrative Development Program for Non-Teaching Staff (A.Y.: 2020-21)



#### SRI SIVANI COLLEGE OF ENGINEERING

(Under the Management of Sri Sivani Educational Society, Srikakulam)

(Approved by AICTE, New Delhi and Affiliated to JNTUGV, Vizianagaram-CC-W6

UGC Recognition under 2(f) & 12(B), ISO 9001:2015 Certified)

NH-16, Chilakapalem Jn., Srikakulam Dist. Andhra Pradesh -532410

Andhra Pradesh -532410



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NH-16, Chilakapalem Jn., Srikakulam Dist. -532410

AY: 2020-21

#### List of Non-Teaching Staff participated in Administrative Development Programs

S. Name of the Non- No. Teaching Staff		Designation	Name of the Administrative Development Program Participated	Date	
1	S.Usha Rani	Programmer	A one day ADP on Leadership and Efficiency in College Administration	15.12.2020	
2	K. Narayana Rao	Programmer	A one day ADP on Leadership and Efficiency in College Administration	15.12.2020	
3	P. Ramesh	Assistant System Admin	A one day ADP on Leadership and Efficiency in College Administration	15.12.2020	
4	B. Sailaja	Office Assistant	A one day ADP on Leadership and Efficiency in College Administration	15.12.2020	
5	CH. Venkata Ramana	H/W Technician	A one day ADP on Leadership and Efficiency in College Administration	15.12.2020	
6	T. Sudheer Kumar	Programmer	A one day ADP on Leadership and Efficiency in College Administration	15.12.2020	
7	D. Divya	Programmer	A one day ADP on Leadership and Efficiency in College Administration	15.12.2020	
8	G. Ramana	Lab Technician	A one day ADP on Leadership and Efficiency in College Administration	15.12.2020	
9	A. Padmini	Lab Technician	A one day ADP on Leadership and Efficiency in College Administration	15.12.2020	
10	K.N. Atchyutha Rao	Lab Technician	A one day ADP on Leadership and Efficiency in College Administration	15.12.2020	
11	K.V. Satya Narayana	Lab Technician	A one day ADP on Leadership and Efficiency in College Administration	15.12.2020	
12	Y. Appa Rao	Lab Technician	A one day ADP on Leadership and Efficiency in College Administration	15.12.2020	
13	K. Vijaya Krishna	Lab Technician	A one day ADP on Leadership and Efficiency in College Administration	15.12.2020	
14	M. Sankara Rao	Lab Technician	A one day ADP on Leadership and Efficiency in College Administration	15.12.2020	
15	D. Mohana Rao	Lab Technician	A one day ADP on Leadership and Efficiency in College Administration	15.12.2020	
16	D. L. M. Narsinga Rao	Lab Technician	[2]		
17	K. Bangaru Raju	Lab Technician	A one day ADP on Leadership and Efficiency in College Administration	15.12.2020	
18	J. G. Shanakara Rao	Lab Technician	A one day ADP on Leadership and Efficiency in College Administration	15.12.2020	

19	P. Naga Bushana Rao	Lab Technician	A one day ADP on Leadership and Efficiency in College Administration	15.12.2020	
20	S. Dinesh Patnaik	Lab Technician	A one day ADP on Leadership and Efficiency in College Administration	15.12.2020	
21	M. Kalyani	Lab Technician	A one day ADP on Leadership and Efficiency in College Administration	15.12.2020	
22	M. Ramu	Lab Technician	A one day ADP on Leadership and Efficiency in College Administration	15.12.2020	
23	G. Ashok Kumar	Lab Technician	A one day ADP on Leadership and Efficiency in College Administration	15.12.2020	
24	T. Sudheer Kumar	Lab Technician	A one day ADP on Leadership and Efficiency in College Administration	15.12.2020	
25	K. Rajasekhar Rao	Lab Technician	A one day ADP on Leadership and Efficiency in College Administration	15.12.2020	
26	D. Rajeswararao	Lab Technician	A one day ADP on Leadership and Efficiency in College Administration	15.12.2020	
27	D. Sravani	Lab Technician	A one day ADP on Leadership and Efficiency in College Administration	15.12.2020	

IQAC

PRINCIPAL

SRI SIVANI COLLEGE OF ENGINEEDING Chilakapalem Jn., SRIDAGO - M



(Under the Management of Sri Sivani Educational Society, Srikakulam)
(Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada-CC-W6,
UGC Recognition under 2(f) & 12(B), ISO 9001:2015 Certified)
NH-16, Chilakapalem Jn., Srikakulam Dist. -532410

Date: 05-12-2020

#### **CIRCULAR**

It is hereby informed that our Institute is going to conduct A ONE DAY ADP ON LEADERSHIP AND EFFICIENCY IN COLLEGE ADMINISTRATION for all the Non-Teaching Staff on 15-12-2020. It is suggested that all relevant non-Teaching staff members take part in this program from 10 AM to 4 PM.

Resource Person:

Mr. K. Madhu Kumar, Associate Professor, Dept. of H&BS

Venue: Seminar Hall.

Co-ordinator: Mr. K. Koti Babu, Assistant Professor, Dept. of H&BS

Program Co-Ordinator

PRINCIPAL SRI SIVANI COLLEGE OF ENGINEERING Chilakapalem Jn., SRIKAKULAM

Principal

#### Copy to

Dept.	IQAC	CIVIL	EEE	MECH	ECE	CSE	H&BS	MBA	TPO	Office	Library
Signature	(De)	Juni	N'	<b>M</b> , (	X	A.	TA A	2=	Pr	1	Milds

CC To: The Management for information.



(Under the Management of Sri Sivani Educational Society, Srikakulam)
(Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada-CC-W6,
UGC Recognition under 2(f) & 12(B), ISO 9001:2015 Certified)
NH-16, Chilakapalem Jn., Srikakulam Dist. -532410

Date: 21-12-2020

#### PROGRAM REPORT

A One Day Administrative Development Program on "LEADERSHIP AND EFFICIENCY IN COLLEGE ADMINISTRATION" has been successfully conducted on 15-12-2020 (10 A.M. to 4 P.M.) at Seminar Hall, Sri Sivani College of Engineering.

The following members are invited as the Resource persons for the Administrative Development Program.

15-12-2020 : Mr. K. Madhu Kumar, Associate Professor, Dept. of H&BS

Mr. K. Koti Babu, Assistant Professor, Dept. of H&BS is the co-ordinator for this ADP.

"Leadership and Efficiency in College Administration" aims to cultivate strong leadership qualities among staff members, ensuring a well-coordinated and efficient administrative environment within the engineering college. A total of Twenty- Seven (27) Non-Teaching Staff members have participated in this program.

#### OBJECTIVES OF THE PROGRAM

The Main objectives of this FDP are

- To Develop and enhance leadership skills among non-teaching staff to foster effective management and decision-making within the administrative domain.
- To Equip participants with the ability to engage in strategic planning, goal-setting, and vision-building for the administrative functions of the engineering college.
- 3. To Foster a collaborative and motivated administrative team through effective leadership strategies, communication, and team-building activities.
- To Identify and implement streamlined processes to enhance the overall efficiency of administrative functions within the college.
- To Encourage a culture of innovation and adaptability among non-teaching staff to effectively respond to changes and challenges in the academic environment.

#### OUTCOMES OF THE PROGRAM

#### The Participants have

- 1. Increased confidence in decision-making and problem-solving.
- Implementation of strategic plans and vision for the administrative functions of the engineering college.
- 3. Improved collaboration and teamwork within the administrative department.
- 4. Implementation of efficient and effective administrative processes.
- 5. Positive feedback on administrative responsiveness and professionalism





Total No. of Participants: 27

Program Coordinator



(Under the Management of Sri Sivani Educational Society, Srikakulam)
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NH-16, Chilakapalem Jn., Srikakulam Dist -532410

# A ONE DAY ADMINISTRATIVE DEVELOPMENT PROGRAM ON "LEADERSHIP AND EFFICIENCY IN COLLEGE ADMINISTRATION"

#### Attendance sheet

s no	NAME OF THE NON-TEACHING STAFF	NAME OF THE INSTITUTION	SIGNATURE 15-12-2020
1	S. Usha siani	SSCE	S. Ushallo
2.	K. Narayana Rao	SSCE	K. Nan
3.	K. Narayana Rao B. Sailaja	SSCE	3.8
4	CH. Venkata Jamana	55€	ch v
5.	T. Sudheer Kuman	SSCE	T
6.	D. O'ivya	SSCE	D. Divya
7.	Gio Ramana	SSCE	G. Ramana
8.	A. Padmini	SSCE	A. padrilli
9.	k.N. Atchyutha siao	SSCE	K.N. D
10	K·V Satya navayana	SSCE	Kov narayana
11.		SSCF	Y A Rao
12	Y. Agrappo rao K. vijaya Krishna	SSLE	K. Vijaya
13.	M. Sankasia Rao	SSCE	M. Sanke
14	D. Mohana Rao	SSCE	D. Mahanka.
15	D.L.M. Navisinga ROD.	SSCE	D.L. M. NOCOS
16	K. Rangaru raju	SSCT	E. Bangaru raju.
17.	MI ~	SSCE	7.6
18	P. Naga bishana Rao	SSC€	p. Naga bushan
19.	6. Dinesh patnaik	SSCE	S. Dinesh patno
20.		88CE	M. Kalyani
21.	M. Ramu	SSCE	M. Rames
22	G1-AShOK KUMAR	SSCE	G. Ashok kumu
23.	T. Sudheer Kumar	SSCE	T. Sud
24	K. Raja sethan Rao	SSCE	de Rajarelens
25 -	K. Raja sethan Rao	SSCE	D. Pajes
26.	D. Sraveni	SSEC.	D. Drokano
27.	D. Snavani	55C+	O. Sralpii

Signature of the Program Coordinator



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## CERTIFICATE OF PARTICIPATION

This Certificate is awarded to

# Ms. S. USHARANI

for his/her Participation in the One-day Administrative Development Programme on "Leadership and Efficiency in College Administration" on 15 Dec 2020

Program Co-ordinator



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