

A Five Day Faculty Development Program (FDP)

on

"Multi Scale Methods for Mechanics"

Dates: 20-11-2021 to 24-11-2021

Target audience: Engineering Teaching Faculty



CHAITANYA ENGINEERING COLLEGE
Approved by AICTE, New Delhi, Affiliated to JNTU, Kakinada
Chaitanya Valley, Kommadi, Madhurawada, Visakhapatnam-48

Dt: 12-11-2021

Attn: Teaching faculty of Mechanical department

The department of Mechanical is pleased to inform that it is organizing a Five day FDP Program on "MULTISCALE METHODS FOR MECHANICS" from 20-11-2021 to 24-11-2021. Hence all the teaching faculty members are advised to attend the program without fail and make it a success.



V. K. J.
HOD/MECH

Copy to

1) Principal Sir for information

[Signature]
Principal

2) Department file

Chaitanya Engineering College
Kommadi VISAKHAPATNAM-530 048

Circulation among department faculty

MU
HOD, EEE

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I/c HOD ECE

A. Rama
HOD CIVIL

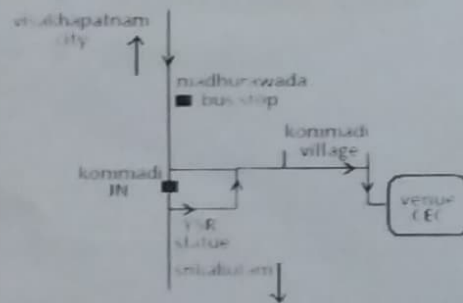
Y. Srinivas
C&E
HOD

INSTITUTION:

Established in 2002, Chaitanya Engineering College marks yet another effort on the part of the Chaitanya Group and is in an over 50 acre naturally idyllic environment near Kommadi in Greater Visakhapatnam. It is approved by the All-India Council for Technical Education (AICTE) and affiliated to JNT University, Kakinada. The institute is accredited by NAAC and NBA. The institute offers B.Tech. Courses in CSE, ECE, MECH, EEE and CIVIL. It also offers M.Tech. with specializations in Digital Electronics and Communication Systems, Computer Science and Engineering, Software Engineering, Machine Design, Structural Engineering and Power Systems.

The Institute is well equipped with advanced laboratories and highly qualified faculty. It regularly organizes events like seminars, workshops, FDPs, etc. for the benefit of students and the faculty so that they are abreast with the latest trends in Engineering and Technology.

Route Map



ORGANISING COMMITTEE

CHIEF PATRON

Dr.K.V.V. Satyanarayana Raju, *Chairman*
Chaitanya Group of Institutions

PATRON

Sri.K.V. Sasi Kiran Varma, *Secretary*
Chaitanya Engineering College

Co-PATRONS

Capt. Dr.D.L.N. Raju, *CEO*
Chaitanya Group of Institutions

Sri.K.V. Murali Krishnam Raju, *Director (Finance)*
Chaitanya Engineering College

CHAIRPERSON

Prof.K. Suresh, *Principal*
Chaitanya Engineering College

CONVENER

Sri. V. Rajesh
Head & Asso. Professor, Department of Mechanical Engineering

COORDINATOR

Sri. D. Sitharamaswamy
Sr Asst Prof. Department of Mechanical Engineering

Co-COORDINATOR

Smt. P. Santhi
Sr Asst Prof. Department of Mechanical Engineering

MEMBERS

Sri. K. Srikanth, *Asst. Prof.*
Ms. Sneha Deepika, *Asst. Prof.*
Ms. L. Nalini, *Asst. Prof.*
Ms. M. Swapna, *Asst. Prof.*
Ms. Kala Bharathi, *Asst. Prof.*
Sri. Ch. Tejaswi, *Asst. Prof.*
Sri. Grace Sudheer, *Asst. Prof.*
Sri. J. Hari Babu, *Asst. Prof.*

A Five-Day Faculty Development Programme

(FDP)

on

“Multiscale Methods for
Mechanics”

November 20th to 24th 2021



Organized by

Department of Mechanical Engineering

CHAITANYA ENGINEERING COLLEGE (CEC)

Kommadi, Madhurawada,

Visakhapatnam-530048

Andhra Pradesh, INDIA

visit us at www.cec.ac.in

OBJECTIVE:

This FDP on "Multiscale Methods for Mechanics" is to explore various recent research areas of mechanics domain like molecular dynamic methods, monte Carlo methods, Quasi Continuum methods etc. The aim of this five-day FDP is to train and orient the teaching faculty members to remain abreast of the latest methodologies in mechanics which will be helpful to them in their graduate education leading to research and development-oriented career. This FDP is intended for faculty members, research scholars & industry personnel who have interest in related research areas. The resource persons for the FDP will be drawn from in house and other nearby experienced faculty.

TOPICS TO BE COVERED:

- Molecular dynamics methods
- Kinetic Monte Carlo Methods
- Quasi continuum Methods
- Density Function Methods
- Variational multiscale Methods
- Galerkin Methods

REGISTRATION FORM

REGISTRATION FORM

A Five-Day Faculty Development Programme

On

'Multiscale Methods for Mechanics'

20th to 24th November 2021

Participant's Name _____

Qualification: _____

Department _____

Organization: _____

Address for
Communication _____

Phone No. (O) _____
(R) _____

E-mail _____

Registration fee: Rs _____/- by DD in favour of
'The Principal, Chaitanya Engineering College'
DD No. _____ Date _____
Accommodation required: Yes/No _____

Date _____ Signature of Participant _____

SPONSORSHIP CERTIFICATE

This is to certify that Mr / Ms _____
is an employee of our institution
since _____ and is hereby sponsored to attend the FDP
on 'Multiscale Methods for Mechanics' at CEC, Kommadi,
Visakhapatnam from 20th to 24th November 2021.

Place:
Date: _____

Signature of Head
of the Institution _____

ELIGIBILITY:

Faculty members of Engineering / Polytechnic colleges approved by AICTE / PG students are eligible.

REGISTRATION:

Participants can confirm their registration by mailing the scanned copies of the filled registration form and a Demand Draft for an amount of Rs.600/- in favour of "The Principal, Chaitanya Engineering College" payable at Visakhapatnam, to e-mail sitharamaswamy@gmail.com on or before **17-11-2021**. They must be submitted, in original, at the time of attending the program.

CONTACT DETAILS:

Sri. Sitharamaswamy,
Sr. Asst. Prof. Department of Mechanical
Engineering
Co-ordinator,

A FIVE-DAY FDP on 'Multiscale Methods for
Mechanics'
Chaitanya Engineering College
Kommadi, Madhurawada,
Visakhapatnam-530048
Mob: 7013017746
E-mail: pokanatisanthi3@gmail.com

BOARDING & LODGING

The registration fee includes Registration Kit, boarding & lodging during their stay at CEC, Visakhapatnam.

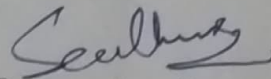


CHAITANYA ENGINEERING COLLEGE
Approved by AICTE, New Delhi, Affiliated to JNTU, Kakinada
Chaitanya Valley, Kommadi, Madhurawada, Visakhapatnam-48

A FIVE DAY FACULTY DEVELOPMENT PROGRAMME ON
'Multi Scale Methods for Mechanics'
20-11-2021 to 24-11-2021
Organized by
Department of Mechanical Engineering

PROGRAMME SCHEDULE

Sl. No	Date	Time	Topics	Resource Person/speaker
1	20-11-2021	10:00 am – 11:00 am	Inauguration	Dr. G.V. Pradeep Varma Principal, Sai Ganapathi Engineering College, Visakhapatnam
		11:00 am – 12.30 pm	Molecular Dynamics	
		2.00 pm to 4.00 pm	Methods	
2	21-11-2021	10:00 am – 12.00 pm	Kinetic Monte Carlo	
		2.00 pm to 4.00 pm	Methods	
3	22-11-2021	10:00 am – 12.00 pm	Quasi-Continuum	
		2.00 pm to 4.00 pm	Methods	
4	23-11-2021	10:00 am – 12.00 pm	Density Function	
		2.00 pm to 4.00 pm	Variational Multiscale Methods	
5	24-11-2021	10:00 am – 12.00 pm	Galerkin Methods	
		2.00 pm to 4.00 pm	Valedictory and Certificate Distribution	


Program Coordinator



A Five Day FDP on "Multiscale Methods for Mechanics" from 20-11-2021 to 24-11-2021.

Attendance Sheet

Sl. No.	Faculty	20-11-2021		21-11-2021		22-11-2021		23-11-2021		24-11-2021	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	Sri. V. Rajesh Chaitanya Engg. College	off	off	off	off	off	off	off	off	off	off
2	Sri. K. Srikanth Chaitanya Engg. College	on	on	on	on	on	on	on	on	on	on
3	Smt. P. Santhi Chaitanya Engg. College	cont	cont	cont	cont	cont	cont	cont	cont	cont	cont
4	Sri. Grace Sudheer Chaitanya Engg. College	on	on	on	on	on	on	on	on	on	on
5	Sri. D. Swamy Chaitanya Engg. College	h	h	h	h	h	h	h	h	h	h
6	Sri. I. Hari Babu Chaitanya Engg. College	h	h	h	h	h	h	h	h	h	h
7	Ms. Sneha Deepika Chaitanya Engg. College	h	h	h	h	h	h	h	h	h	h
8	Ms. M. Swapna Chaitanya Engg. College	h	h	h	h	h	h	h	h	h	h
9	Ms. Kala Bharathi Chaitanya Engg. College	h	h	h	h	h	h	h	h	h	h
10	Ms. L. Nalini Chaitanya Engg. College	Nalini	Nalini	Nalini	Nalini	Nalini	Nalini	Nalini	Nalini	Nalini	Nalini
11	Ms. S. Radha Chaitanya Engg. College	Radha	Radha	Radha	Radha	Radha	Radha	Radha	Radha	Radha	Radha
12	J. Balabhasakar Rao SSCE	h	h	h	h	h	h	h	h	h	h

Sachin
COORDINATOR

13	N. Suryanarayana S.S.C.E	heli	heli	heli	heli	heli	heli	heli	heli	heli	heli
14	M. Sai Krishna S.S.C.E	hilei	hilei	hilei	hilei	hilei	hilei	hilei	hilei	hilei	hilei
15	Ch. Rajesh S.S.C.E NIMRA	hij	hij	hij	hij	hij	hij	hij	hij	hij	hij
16	Syed Hameed S.S.C.E NIMRA	hland	hland	hland	hland	hland	hland	hland	hland	hland	hland
17	K. Siva Kumal W.I.S.E	hlee	hlee	hlee	hlee	hlee	hlee	hlee	hlee	hlee	hlee
18	D. Ravi Kanth K.S.R.M	hli	hli	hli	hli	hli	hli	hli	hli	hli	hli
19	P. Reddaiah K.S.R.M	hll	hll	hll	hll	hll	hll	hll	hll	hll	hll
20	G. Siva Sai Ram GONNA	hly	hly	hly	hly	hly	hly	hly	hly	hly	hly
21	K.V. Siva Prasad GONNA	hmd	hmd	hmd	hmd	hmd	hmd	hmd	hmd	hmd	hmd
22	M. Madhusudhana GONNA - Rao	hnd	hnd	hnd	hnd	hnd	hnd	hnd	hnd	hnd	hnd
23	K. Vijaya Raju GONNA	hne	hne	hne	hne	hne	hne	hne	hne	hne	hne
24	P. Bhagya Sai GONNA	hni	hni	hni	hni	hni	hni	hni	hni	hni	hni

S. S. S. S.
COORDINATOR



CHAITANYA ENGINEERING COLLEGE
Approved by AICTE, New Delhi, Affiliated to JNTU, Kakinada
Chaitanya Valley, Kommadi, Madhurawada, Visakhapatnam-48

Report on
A 5 Day FDP Program:
‘Multiscale Methods for Mechanics’

A 5 Day Faculty Development Program was organized from 20th to 24th November 2021 at Chaitanya Engineering College by the Mechanical Engineering Department. This was a 5-day Program, where the latest topics related to Molecular Dynamics Methods, Kinetic monte Carlo Methods and Density Function Methods were discussed in detail by experienced resource person from academia. There were 24 External as well as Internal participants from various institutes. The coordinator and co-coordinator of the FDP program were.

Coordinator: Sri. D. Sitharama Swamy, Sr.Asst. Prof.

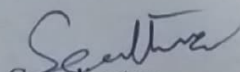
Resource Persons:

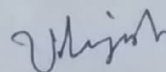
1) Dr. G. V Pradeep Varma, Principal, Sai Ganapathi Engineering College

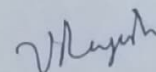
Topics Covered were:

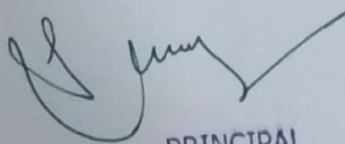
- Molecular dynamics methods
- Kinetic Monte Carlo Methods
- Quasi continuum Methods
- Density Function Methods
- Variational multiscale Methods
- Galerkin Methods

The FDP was successfully completed with certificate distribution to participants by the dignitaries and a vote of thanks by the coordinator.


Coordinator


Convener


HoD


PRINCIPAL
CHAITANYA ENGINEERING COLLEGE
Kommadi, Visakhapatnam 530 048



CHAITANYA ENGINEERING COLLEGE
Approved by AICTE, New Delhi, Affiliated to JNTU, Kakinada
Chaitanya Valley, Kommadi, Madhurawada, Visakhapatnam-48

A FIVE DAY FACULTY DEVELOPMENT PROGRAMME ON

'Multiscale Methods for Mechanics'

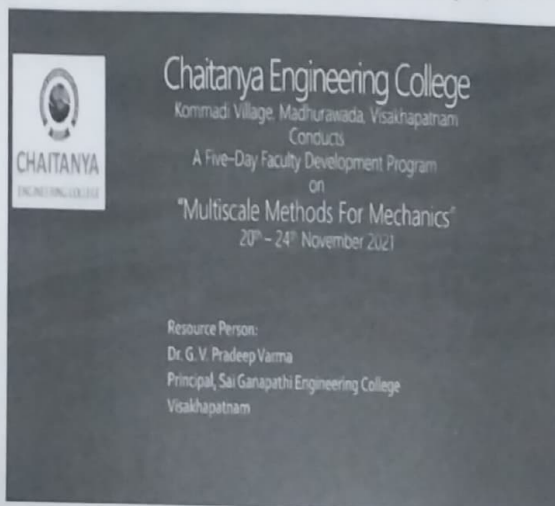
20-11-2021 to 24-11-2021

Organized by

Department of Mechanical Engineering

Resource Person:

Dr. G. V. Pradeep Varma, Principal, Sai Ganapathi Engineering College



CHAITANYA ENGINEERING COLLEGE
Approved by AICTE, New Delhi, Affiliated to JNTU, Kakinada
CERTIFICATE OF PARTICIPATION

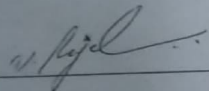
This is to certify that Mr. M. Madhusudhana Rao from _____

Gonna Institute of Information Technology, VSP
has attended A Five-Day Faculty Development program on
“MULTISCALE METHODS FOR MECHANICS”

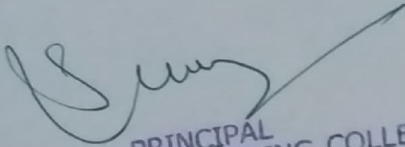
from 20th to 24th November-2021 organized by the Department of Mechanical Engineering,

Chaitanya Engineering College,

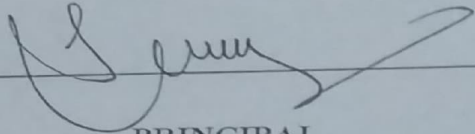
Chaitanya valley, Madhurawada, Kommadi, Visakhapatnam



CONVENER



PRINCIPAL
CHAITANYA ENGINEERING COLLEGE
Kommadi, Madhurawada, Visakhapatnam - 530 048



PRINCIPAL



CHAITANYA ENGINEERING COLLEGE

Approved by AICTE, New Delhi, Affiliated to JNTU, Kakinada

CERTIFICATE OF PARTICIPATION

This is to certify that Mr.K. Vijaya Raju from _____

Gronna Institute of Information Technology, VSP

has attended A Five-Day Faculty Development program on

“MULTISCALE METHODS FOR MECHANICS”

from 20th to 24th November-2021 organized by the Department of Mechanical Engineering,

Chaitanya Engineering College,

Chaitanya valley, Madhurawada, Kommadi, Visakhapatnam

CONVENER

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CHAITANYA ENGINEERING COLLEGE
Visakhapatnam - 530 048

PRINCIPAL

A Five Day Faculty Development Program (FDP)

on

"Machine Learning-Deep Learning"

Resource Person: Dr. B.Poorna Satyanarayana,
Professor, VIT

Dates: 03-01-2022 to 07-01-2022

Target audience: Teaching Faculty



CHAITANYA ENGINEERING COLLEGE
Approved by AICTE, New Delhi, Affiliated to JNTU, Kakinada
Chaitanya Valley, Kommadi, Madhurawada, Visakhapatnam-48

Dt: 28-12-2021

Attn: Teaching faculty of CSE department

The department of CSE is pleased to inform that it is organizing a Five-day FDP Program on "MACHINE LEARNING-DEEP LEARNING" from 03-01-2022 to 07-01-2022. Hence all the teaching faculty members are advised to attend the program without fail and make it a success.



[Handwritten Signature]
HOD/CSE

Copy to

- 1) Principal Sir for information *[Handwritten Signature]*
Principal
Chaitanya Engineering College
Kommadi VISAKHAPATNAM-530 048
- 2) Department file

Circulation among department faculty

[Handwritten Signature]
HOD/CSE

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HOD (MCA)

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HOD

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CSE
HOD

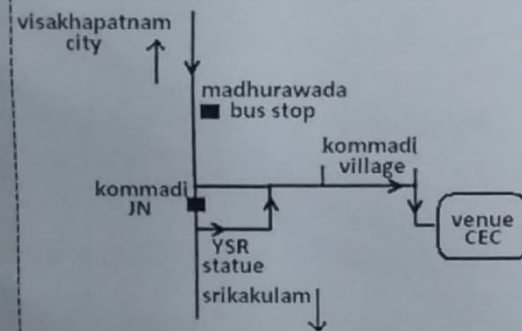
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HOD CIVIL

INSTITUTION:

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The Institute is well equipped with advanced laboratories and highly qualified faculty. It regularly organizes events like seminars, workshops, FDPs, etc. for the benefit of students and the faculty so that they are in line with the latest trends in Engineering and Technology.

Route Map:



ORGANISING COMMITTEE

CHIEF PATRON

Dr.K.V.V. Satyanarayana Raju, Chairman
Chaitanya Group of Institutions

PATRON

Sri.K.Sasi Kiran Varma, Secretary
Chaitanya Engineering College

Co-PATRONS

Capt. Dr.D.L.N.Raju, CEO
Chaitanya Group of Institutions

Sri.K.V.Murali Krishnam Raju, Director
(Finance)
Chaitanya Engineering College

CHAIRPERSON

Prof.K.Suresh, Principal
Chaitanya Engineering College

CONVENER

Mrs.M Aswini
Asst. Professor of CSE

COORDINATOR

Mr.K Hari Veerraju
Asst.Prof., CSE Department

MEMBERS

Sri.P. Laxmikanth, Prof.
Sri. Y.Satish Kumar, Asst. Prof.
Mrs. M.Padmaja, Asst.Prof.
Mrs. P .Sai Puja, Asst. Prof.
Ms. Ankita. Asst. Prof.
Sri. K. Venkata Kiran, Asst. Prof.
Sri.G. trinadha Rao, Asst.Prof.
Ms.B.anitha, Asst. Prof.

A Five-Day Faculty Development Programme

(FDP)

on

“Machine Learning-Deep Learning”

03rd to 07th January 2022



Organized by
Department of CSE

CHAITANYA ENGINEERING COLLEGE (CEC)
Kommadi, Madhurawada,
Visakhapatnam-530048
Andhra Pradesh, INDIA

visit us at www.cec.ac.in

OBJECTIVE:

This FDP will provide an understanding of Machine Learning concepts and skills required to develop and use deep neural network models using the Open Source TensorFlow platform. Participants will gain a deeper understanding of the Python programming language and Numpy library. This will also provide a concise introduction to the mathematics, like the application of Linear Algebra, Probability Theory, and Multivariable Calculus, required for a broader understanding of Machine Learning. The resource persons for the FDP will be drawn from experienced faculty/ industry personnel.

TOPICS TO BE COVERED:

- Machine Learning – A new data-driven programming paradigm
- Supervised, Unsupervised and Reinforcement Learning
- Multiclass classification and Regression
- Introduction to Deep learning methods and applications
- Implementing Linear Regression and Logistic Regression
- Convolution Neural Networks
- Implementing Convolution networks using TensorFlow

ELIGIBILITY:

Faculty members of Engineering approved by AICTE / PG students are eligible.

REGISTRATION:

Participants can confirm their registration by mailing the scanned copies of the filled registration form and a Demand Draft for an amount of Rs.600/- in favour of "The Principal, Chaitanya Engineering College" payable at Visakhapatnam, to e-mail: hari85@gmail.com on or before **27-12-2021**. They must be submitted, in original, at the time of attending the program

CONTACT DETAILS:

Mr.K Hari Veerraju,
Asst.Prof. , Department of CSE
Co-ordinator,

A FIVE-DAY FDP on 'Machine Learning-Deep Learning'
Chaitanya Engineering College
Kommadi, Madhurawada,
Visakhapatnam-530048
Mob: 9966708053
E-mail: hari85@gmail.com

BOARDING & LODGING

The registration fee includes Registration Kit, boarding & lodging during their stay at CEC, Visakhapatnam

REGISTRATION FORM

A Five-Day Faculty Development Programme

On

‘Machine Learning-Deep Learning’

03rd to 07th January 2022

Participant's Name:

Qualification:

Department:

Organization:

Address for
Communication:

Phone No. (O):
(R):

E-mail :

Registration fee : Rs -----/- by DD in favour of "The Principal, Chaitanya Engineering College"

DD No.: _____ Date: _____

Accommodation required: Yes/No

Date:

Signature of Participant

SPONSORSHIP CERTIFICATE

This is to certify that Mr. / Ms _____

_____ is an employee of our institution since _____ and is hereby sponsored to attend the FDP on 'Machine Learning-Deep Learning' at CEC, Kommadi, Visakhapatnam from 03rd to 07th January 2022.

Place:

Signature of Head

Date:

of the Institution



CHAITANYA ENGINEERING COLLEGE

Approved by AICTE, New Delhi, Affiliated to JNTU, Kakinada
Chaitanya Valley, Kommadi, Madhurawada, Visakhapatnam-48

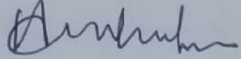
A Five Day FDP on "Machine Learning-Deep Learning" from
03-01-2022 to 07-01-2022.

Attendance Sheet

Sl. No.	Faculty	03-01-2022		04-01-2022		05-01-2022		06-01-2022		07-01-2022	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	Sri.I.Srinivasa Rao Chaitanya Engg. College	ISR	ISR	ISR	ISR	ISR	ISR	ISR	ISR	ISR	ISR
2	Sri.P.Laxmikanth Chaitanya Engg. College	Plak	Plak	Plak	Plak	Plak	Plak	Plak	Plak	Plak	Plak
3	Sri.P.V.S.N.Murthy Chaitanya Engg. College	Mur	Mur	Mur	Mur	Mur	Mur	Mur	Mur	Mur	Mur
4	Sri.Y.Satish Kumar Chaitanya Engg. College	Ya	Ya	Ya	Ya	Ya	Ya	Ya	Ya	Ya	Ya
5	Ms.Ankita Chaitanya Engg. College	At	At	At	At	At	At	At	At	At	At
6	Mrs.M.Padmaja Chaitanya Engg. College	Padamj	Padamj	Padamj	Padamj	Padamj	Padamj	Padamj	Padamj	Padamj	Padamj
7	Mrs.P.Sai Puja Chaitanya Engg. College	Puji	Puji	Puji	Puji	Puji	Puji	Puji	Puji	Puji	Puji
8	Ms.B.Anitha Chaitanya Engg. College	Ank	Ank	Ank	Ank	Ank	Ank	Ank	Ank	Ank	Ank
9	Sri.K.Venkata Kiran Chaitanya Engg. College	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran
10	Sri. G.Trinadh Rao Chaitanya Engg. College	Citra	Citra	Citra	Citra	Citra	Citra	Citra	Citra	Citra	Citra
11	Sri.G.Ravindranath Chaitanya Engg. College	Ravi	Ravi	Ravi	Ravi	Ravi	Ravi	Ravi	Ravi	Ravi	Ravi

[Signature]
COORDINATOR

12	Dr.G.S.Sreedhar KSRMCE, Kadapa	Sredh	Sred	Sredh	Sred	Sred	Sred	Sred	Sred	Sred	Sred
12	Sri.S.Gururaja KSRMCE, Kadapa	Sg.	Sg.	Sg.	Sg.	Sg.	Sg.	Sg.	Sg.	Sg.	Sg.
13	Ms.K.Jyoshna KSRMCE, Kadapa	Kyy	Kyy	Kyy	Kyy	Kyy	Kyy	Kyy	Kyy	Kyy	Kyy
14	Ms.K.Anusha KSRMCE, Kadapa	Anush	Anush	Anush	Anush	Anush	Anush	Anush	Anush	Anush	Anush
15	S. Chandra Kumari WISE, Tadepalligudem	chk	chk	chk	chk	chk	chk	chk	chk	chk	chk
16	K.Raja CIST, Kakinada	Raja	Raja	Raja	Raja	Raja	Raja	Raja	Raja	Raja	Raja
17	R.Anil Kumar, CIST, Kakinada	RAN	RAN	RAN	RAN	RAN	RAN	RAN	RAN	RAN	RAN
18	Ms.KVL Durga, CIST, Kakinada	Durg	Durg	Durg	Durg	Durg	Durg	Durg	Durg	Durg	Durg
19	G. Nagarjuna Reddy Dr.SGIET, brahimpatnam	lyn	lyn	lyn	lyn	lyn	lyn	lyn	lyn	lyn	lyn
20	Dr. K. Srinivasa Rao KSRM, Kadapa	ksn	ksn	ksn	ksn	ksn	ksn	ksn	ksn	ksn	ksn
21	N.Ramanjaneyulu Reddy KSRM, Kadapa	Rman	Rman	Rman	Rman	Rman	Rman	Rman	Rman	Rman	Rman
22	B. Priyadarshan Reddy KSRM, Kadapa	bf	bf	bf	bf	bf	bf	bf	bf	bf	bf
23	S. saraswathi GIIT, VSKP	ssu	ssu	ssu	ssu	ssu	ssu	ssu	ssu	ssu	ssu
24	M. Sharmila GIIT, VSKP	msu	msu	msu	msu	msu	msu	msu	msu	msu	msu
25	Dr. Jayanti Rao Sri Sivani, SKLM	Jay Rao	Jay Rao	Jay Rao	Jay Rao	Jay Rao	Jay Rao	Jay Rao	Jay Rao	Jay Rao	Jay Rao
26	Syamal kumari M Sri Sivani COE, SKLM	sk	sk	sk	sk	sk	sk	sk	sk	sk	sk
27	Srinvasa Rao K Sri Sivani COE, SKLM	Srinvasa	Srinvasa	Srinvasa	Srinvasa	Srinvasa	Srinvasa	Srinvasa	Srinvasa	Srinvasa	Srinvasa


 COORDINATOR



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Chaitanya Valley, Kommadi, Madhurawada, Visakhapatnam-48

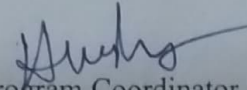
A FIVE DAY FACULTY DEVELOPMENT PROGRAMME ON
'MACHINE LEARNING-DEEP LEARNING'

03-01-2022 to 07-01-2022

Organized by
Department of CSE

PROGRAMME SCHEDULE

Sl. No	Date	Time	Topics	Resource Person/speaker
1	03-01-2022	10:00 am – 11:00 am	Inauguration	-----
		11:00 am – 12.30 pm	Machine Learning – A new data-driven programming paradigm	Dr. B Poorna Satyanarayana, Prof., VIT
		2.00 pm to 4.00 pm		
2	04-01-2022	10:00 am – 12.00 pm	Supervised, Unsupervised and Reinforcement Learning	
		2.00 pm to 4.00 pm	Multiclass classification and Regression	
3	05-01-2022	10:00 am – 12.00 pm	Implementing Linear Regression and Logistic Regression using Numpy	
		2.00 pm to 4.00 pm	Introduction to Deep learning methods and applications	
4	06-01-2022	10:00 am – 12.00 pm	Convolution Neural Networks	
		2.00 pm to 4.00 pm		
5	07-01-2022	10:00 am – 12.00 pm	Implementing Convolution networks using TensorFlow	
		2.00 pm to 4.00 pm	Valedictory	


Program Coordinator



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NBA & NAAC Accredited

Report on
A 5 Day FDP Program:
'Machine Learning-Deep Learning'

A 5 Day Faculty Development Program was organized from 03rd to 07th January, 2022 at Chaitanya Engineering College by Computer Science and Engineering Department. This was a 5 day Program, where the latest topics related to Computer Science were discussed in detail by experienced resource persons from academia. There were in total 27 external as well as internal participants from various institutes. The coordinator and co-coordinator of the FDP program were

Coordinator: Mr.K. Hari Veerraju, Asst. Prof.

Resource Persons:

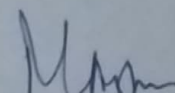
1) Dr. B Poorna Satyanarayana, Prof., VIT, VSKP

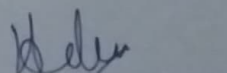
Contact No: 9121214313

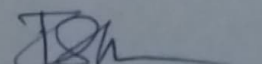
Topics Covered were:

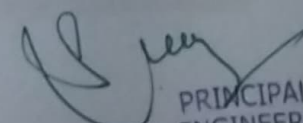
- Machine Learning – A new data-driven programming paradigm
- Supervised, Unsupervised and Reinforcement Learning
- Multiclass classification and Regression
- Introduction to Deep learning methods and applications
- Implementing Linear Regression and Logistic Regression
- Convolution Neural Networks
- Implementing Convolution networks using TensorFlow

The FDP was successfully completed with certificate distribution to participants by the dignitaries and a vote of thanks by the coordinator.


Coordinator


Convener


HoD


PRINCIPAL
CHAITANYA ENGINEERING COLLEGE
Kommadi, visakhapatnam 530 048



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Chaitanya Valley, Kommadi, Madhurawada, Visakhapatnam-48

A FIVE DAY FACULTY DEVELOPMENT PROGRAMME ON
'MACHINE LEARNING-DEEP LEARNING'

3-1-2022 to 7-1-2022

Organized by
Department of ECE

Resource Persons:

Dr.B.Poorna Satyanarayana, Prof., CSE Department, VIT, VSKP





CHAITANYA ENGINEERING COLLEGE

Approved by AICTE, New Delhi, Affiliated to JNTU,
Kakinada

CERTIFICATE OF PARTICIPATION

This is to certify that Mrs. M. Sharmila, Asst. Professor, CSE

from "Gonna Institute of Information, Technology, V.S.P."

has attended A Five-Day Faculty Development program on "MACHINE LEARNING – DEEP LEARNING" from 3rd to 07th January-2022 organized by the Department of COMPUTER SCIENCE ENGINEERING, Chaitanya Engineering College, Chaitanya valley, Madhurawada, Kommadi, Visakhapatnam

M. ASWANI
CONVENER

[Signature]
PRINCIPAL
CHAITANYA ENGINEERING COLLEGE
Kommadi, Visakhapatnam - 530 048

[Signature]
PRINCIPAL



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Kakinada

CERTIFICATE OF PARTICIPATION

This is to certify that Sri S. Chandra kumari, Asst. professor, CSE
from Wise Godavari Institute of Science & Engineering
has attended A Five-Day Faculty Development program on "MACHINE
LEARNING – DEEP LEARNING" from 3rd to 07th January-2022 organized by
the Department of COMPUTER SCIENCE ENGINEERING, Chaitanya
Engineering College, Chaitanya valley, Madhurawada, Kommadi,
Visakhapatnam

M. ASWANI
CONVENER

[Signature]
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Kommadi, Visakhapatnam - 530 048

[Signature]
PRINCIPAL

A Five Day Faculty Development Program (FDP)
on
“Innovative Research and Development Trends
in Electronics and Communication Engineering”

Dates: 21-03-2022 to 25-03-2022

Target audience: Engineering Teaching Faculty

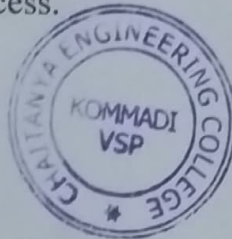


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Dt:14-03-2022

Attn: Teaching faculty of ECE department

The department of ECE is pleased to inform that it is organizing a Five day FDP Program on "INNOVATIVE RESEARCH AND DEVELOPMENT TRENDS IN ELECTRONICS AND COMMUNICATION ENGINEERING" from **21-03-2022 to 25-03-2022**. Hence all the teaching faculty members are advised to attend the program without fail and make it a success.



D. Dethu
HOD/ECE

Copy to

1) Principal Sir for information

[Signature]

Principal

2) Department file

Chaitanya Engineering College
Kommadi VISAKHAPATNAM-530 048

Circulation among department faculty

D. Dethu
HOD ECE

MU
HOD EEE

A. Anu
HOD CIVIL

V. Rajal
Mech

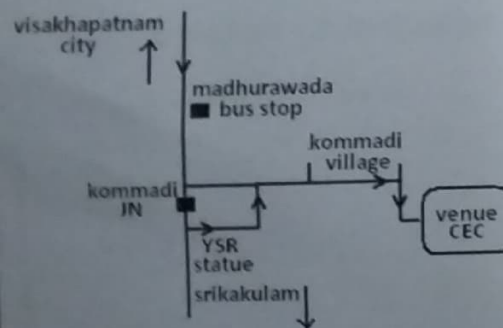
Y. Satish
CSE
HOD

INSTITUTION:

Established in 2002, Chaitanya Engineering College marks yet another effort on the part of the Chaitanya Group and is located in an over 50 acre naturally idyllic environment near Kommadi in Greater Visakhapatnam. It is approved by the All India Council for Technical Education (AICTE) and affiliated to JNT University, Kakinada. The institute is accredited by NAAC and NBA. The institute offers B.Tech. Courses in CSE, ECE, MECH, EEE and CIVIL. It also offers M.Tech. with specializations in Digital Electronics and Communication Systems, Computer Science and Engineering, Software Engineering, Machine Design, Structural Engineering and Power Systems.

The Institute is well equipped with advanced laboratories and highly qualified faculty. It regularly organizes events like seminars, workshops, FDPs, etc. for the benefit of students and the faculty so that they are abreast with the latest trends in Engineering and Technology.

Route Map:



ORGANISING COMMITTEE

CHIEF PATRON

Dr.K.V.V. Satyanarayana Raju, Chairman
Chaitanya Group of Institutions

PATRON

Sri.K.Sasi Kiran Varma, Secretary
Chaitanya Engineering College

Co-PATRON

Sri.K.V.Murali Krishnam Raju, Director (Finance)
Chaitanya Engineering College

CHAIRPERSON

Dr.K.Suresh, Principal
Chaitanya Engineering College

CONVENER

Mrs. D.Rajitha
Assistant Professor

COORDINATOR

Ms. V.Pavani
Assistant Professor

MEMBERS

Dr.K.Parvathi, Prof

Ms V. Pavani, asst. Prof.

Sri Raju Egala, Asst. Prof.

Mr.A.Raja Sekhar Reddy

Mrs.N.Sivaleela, Asst. Prof.

Ms.P.V.V.Geetha, Asst. Prof.

Ms.V.Hima Bindu, Asst. Prof.

Mr.T.Narasimha Murthy, Asst. Prof.

Ms.K.Kalyani, Asst. Prof.

A Five-Day Faculty Development Programme

(FDP)

on

**“Innovative Research and Development
Trends in Electronics and
Communication Engineering”
March 21st to 25th 2022**



**Organized by
Department of ECE**

**CHAITANYA ENGINEERING COLLEGE (CEC)
Kommadi, Madhurawada,
Visakhapatnam-530048
Andhra Pradesh, INDIA**

OBJECTIVE:

This FDP on "Recent trends in Signal Processing" is to explore various recent research areas of signal processing. This FDP has come at the right time to help nurture academic spirit among professionals and help in building the least expensive, most effective, insightful, ensuring product integrity, innovative engineering solutions for the pressing societal problems. This FDP is intended for faculty members, research scholars who have interest in related research areas. The resource persons for the FDP will be drawn from in house and other nearby experienced faculty.

TOPICS TO BE COVERED:

- **Multiband and Wideband response in dielectric resonator antennas**
- **Antenna Design**
- **high power oscillators and amplifiers**
- **5G wireless communication**
- **Mobile future Trends**

ELIGIBILITY:

Faculty members of Engineering / Polytechnic colleges approved by AICTE / PG students are eligible.

REGISTRATION:

Participants can confirm their registration by mailing the scanned copies of the filled registration form and a Demand Draft for an amount of Rs.1000/- in favour of "The Principal, Chaitanya Engineering College" payable at Visakhapatnam, to e-mail: pavaniv@gmail.com on or before **15-03-2022**. They must be submitted, in original, at the time of attending the program.

CONTACT DETAILS:

*Ms. V. Pavani,
Asst. Professor
Co-ordinator,*

*A FIVE-DAY FDP on 'Innovative Research and Development Trends in electronics and Communications Engineering'
Chaitanya Engineering College
Kommadi, Madhurawada,
Visakhapatnam-530048
Mob: 9493190345
E-mail: pavaniv@gmail.com*

BOARDING & LODGING

The registration fee includes Registration Kit, boarding & lodging during their stay at CEC, Visakhapatnam.

REGISTRATION FORM

A Five-Day Faculty Development Programme

On

'Innovative Research and Development Trends in Electronics and Communication Engineering'

21st to 25th March 2022

Participant's Name:

Qualification:

Department:

Organization:

Address for
Communication:

Phone No. (O):
(R):

E-mail :

Registration fee : Rs _____/- by DD in favour of
"The Principal, Chaitanya Engineering College".
DD No.: _____ Date: _____
Accommodation required: Yes/No

Date: _____ Signature of Participant
.....

SPONSORSHIP CERTIFICATE

This is to certify that Mr. / Ms _____
_____ is an employee of our institution
since _____ and is hereby sponsored to attend at CEC,
Kommadi, Visakhapatnam from 21st to 25th March 2022.

Place:
Date:

Signature of Head
of the Institution



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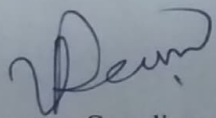
A FIVE DAY FACULTY DEVELOPMENT PROGRAMME ON
'Innovative Research and Development Trends in Electronics and Communication
Engineering'

21-03-2022 to 25-03-2022

Organized by
Department of ECE

PROGRAMME SCHEDULE

Sl. No	Date	Time	Topics	Resource Person/speaker
1	21-03-2022	10:00 am – 11:00 am	Inauguration	-----
		11:00 am – 12.30 pm	Antennas and Design-1	Sri.K.Ravi Kumar, Assoc. Prof., ECE Dept. REC, Visakhapatnam
		2.00 pm to 4.00 pm		
2	22-03-2022	10:00 am – 12.00 pm	Antennas and Design-2	
		2.00 pm to 4.00 pm		
3	23-03-2022	10:00 am – 12.00 pm	High power oscillators and amplifiers	Dr.K.Ravi Kumar, Prof., ECE Dept. NSRIT, Visakhapatnam
2.00 pm to 4.00 pm				
4	24-03-2022	10:00 am – 12.00 pm	5G wireless communication	
		2.00 pm to 4.00 pm		
5	25-03-2022	10:00 am – 12.00 pm	Mobile Future Trends	Dr.K.Ravi Kumar, Prof., ECE Dept. NSRIT, Visakhapatnam
		2.00 pm to 4.00 pm		


Program Coordinator



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Chaitanya Valley, Kommadi, Madhurawada, Visakhapatnam-48

A Five Day FDP on "Innovative Research and Development Trends in Electronics and Communication Engineering"

March 21st to 25th 2022

Attendance Sheet

Sl. No.	Faculty	21-3-2022		22-03-2022		23-03-2022		24-03-2022		25-03-2022	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	Dr.K.Parvathi,CEC,vskp	K Parvathi	K Parvathi	K Parvathi	K Parvathi	K Parvathi	K Parvathi	K Parvathi	K Parvathi	K Parvathi	K Parvathi
2	Ms V. Pavani,CEC,vskp	V Pavani	V Pavani	V Pavani	V Pavani	V Pavani	V Pavani	V Pavani	V Pavani	V Pavani	V Pavani
3	Sri Raju Egala CEC,vskp	Raju	Raju	Raju	Raju	Raju	Raju	Raju	Raju	Raju	Raju
4	Sri.A.Raja Sekhar Reddy CEC,vskp	Raja	Raja	Raja	Raja	Raja	Raja	Raja	Raja	Raja	Raja
5	Mrs.N.Sivaleela. CEC,vskp	Sivaleela	Sivaleela	Sivaleela	Sivaleela	Sivaleela	Sivaleela	Sivaleela	Sivaleela	Sivaleela	Sivaleela
6	Ms.P.V.V.Geetha. CEC,vskp	Geetha	Geetha	Geetha	Geetha	Geetha	Geetha	Geetha	Geetha	Geetha	Geetha
7	Ms.V.Hima Bindu. CEC,vskp	Hima	Hima	Hima	Hima	Hima	Hima	Hima	Hima	Hima	Hima
8	Sri.T.Narasimha Murthy CEC,vskp	M	M	M	M	M	M	M	M	M	M
9	Ms.K.Kalyani, CEC,vskp	Kalyani	Kalyani	Kalyani	Kalyani	Kalyani	Kalyani	Kalyani	Kalyani	Kalyani	Kalyani
10	Ms. Ch.Alekha GIITS, vskp	Ch.	Ch.	Ch.	Ch.	Ch.	Ch.	Ch.	Ch.	Ch.	Ch.
11	Ms.D.Poornima GIITS, vskp	d.	d.	d.	d.	d.	d.	d.	d.	d.	d.

Uraw
COORDINATOR

12	R.Suresh Kumar Reddi, WISE, Tadepalligudem	Suresh	Suresh	Suresh	Suresh	Suresh	Suresh	Suresh	Suresh	Suresh	Suresh
13	K.Pavan Kumar KSRM, Kadapa	Pavan	Pavan	Pavan	Pavan	Pavan	Pavan	Pavan	Pavan	Pavan	Pavan
14	A. Valli Basha KSRM Kadapa	VB	VB	VB	VB	VB	VB	VB	VB	VB	VB
15	V.Gopi tilak KSRM Kadapa	G.	G.	G.	G.	G.	G.	G.	G.	G.	G.
16	K.Rajesh, SGIET, Prakasam	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh
17	M. Haritha SGIET, Prakasam	Harika	Harika	Harika	Harika	Harika	Harika	Harika	Harika	Harika	Harika

V. Prasad
COORDINATOR



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Report on
A 5 Day FDP Program:
**‘Innovative Research and Development Trends in Electronics and
Communication Engineering’**

A 5 Day Faculty Development Program was organized from 21st to 25th March, 2022 at Chaitanya Engineering College by the Department of Electronics & Communication Engineering. This was a 5 day Program, where the latest topics related Electronics and Communication Engineering were discussed in detail by experienced resource persons from academia. There were 17 external as well as internal participants from various institutes.

Coordinator: Ms.V.Pavani, Asst. Prof.

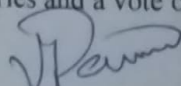
Resource Persons:

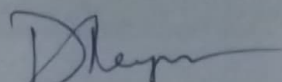
- 1) Sri.K.Ravi Kumar, Assoc. Prof., ECE Dept. Raghu Engineering College EC,
Visakhapatnam
- 2) Dr.K.Ravi Kumar, Prof., ECE Dept.Nadimpalli Satyanarayana Raju Int. of Tech.,
Visakhapatnam

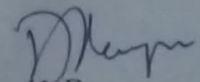
Topics Covered were:

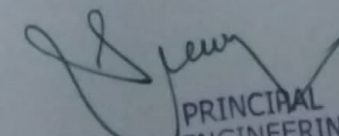
- Multiband and Wideband response in dielectric resonator antennas
- Antenna Design
- high power oscillators and amplifiers
- 5G wireless communication
- Mobile future Trends

The FDP was successfully completed with certificate distribution to participants by the dignitaries and a vote of thanks by the coordinator.


Coordinator


Convener


HoD


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KONMADI, VISAKHAPATNAM 530 048



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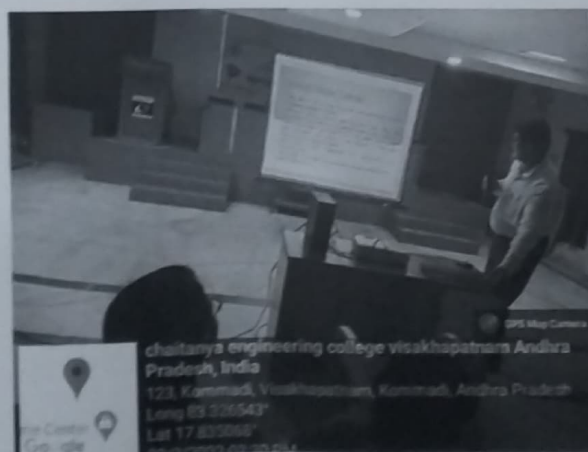
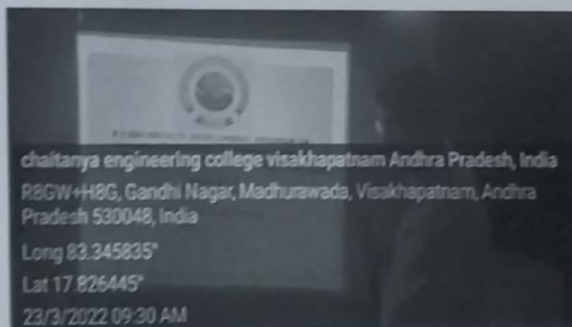
A FIVE DAY FACULTY DEVELOPMENT PROGRAMME ON
‘Innovative Research and Development Trends in Electronics and
Communication Engineering’

March 21st to 25th 2022’

Organized by
Department of ECE

Resource Persons:

- 1) Sri.K. Ravi Kumar, Assoc. Prof., ECE Dept., Raghu Enigneering College,
Visakhapatnam
- 2) Dr. K. Ravi Kumar, Prof. ECE Dept. Nadimpalli Satyanarayana Raju Inst. Of Tech.
Visakhaptanam





CHAITANYA ENGINEERING COLLEGE
Approved by AICTE, New Delhi, Affiliated to JNTU, Kakinada

Certificate of Participation

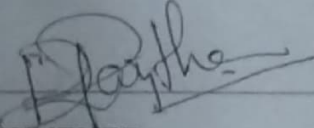
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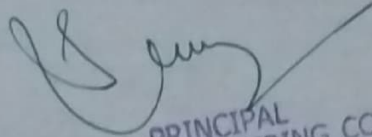
MS. SYAMALAKUMARI · MUNDURU

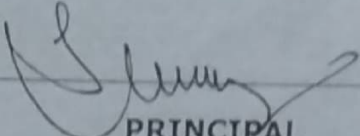
From

SRI SIVANI COLLEGE OF ENGINEERING

For participating in the five days Faculty Development Programme (FDP) on
"INNOVATIVE RESEARCH AND DEVELOPMENT TRENDS IN ELECTRONICS AND
COMMUNICATION ENGINEERING" from 21st to 25th March, 2022 organized by the department
of Electronics & Communication Engineering, Chaitanya Engineering College, Visakhapatnam.


CONVENER


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CHAITANYA ENGINEERING COLLEGE
Visakhapatnam 530 048


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Certificate of Participation

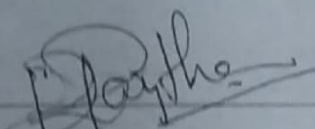
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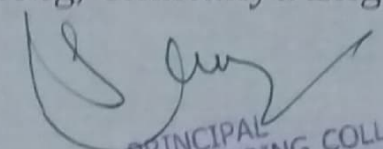
Ms. P. Suchetha, Asst. Professor, ECE

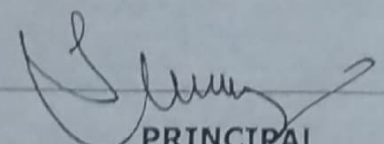
From

Gonna Institute of Information Technology, VSP

For participating in the five days Faculty Development Programme (FDP) on
"INNOVATIVE RESEARCH AND DEVELOPMENT TRENDS IN ELECTRONICS AND
COMMUNICATION ENGINEERING" from 21st to 25th March, 2022 organized by the department
of Electronics & Communication Engineering, Chaitanya Engineering College, Visakhapatnam.


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Chaitanya Valley, Kommadi, Madhurawada, Visakhapatnam-48

Dt:01-11-2021

Attn: Non-Teaching staff

It is to inform all the non-teaching staff that the institute is organizing a One-day Administrative Development Program on "ENERGY CONSERVATION" on 8-11-2021 at Abdul Kalam block seminar Hall. Hence all the non-teaching staff are advised to attend the program without fail.



PRINCIPAL

Principal
Chaitanya Engineering College
Kommadi VISAKHAPATNAM-530 048

Copy to

- 1) HoDs to circulate among respective department lab staff
- 2) Accounts section
- 3) CAO

A. One
civil

V. B. C.
HoD (C&E)

V. B. C.
CSA

M. V. S.
CSA

D. D. R.
CSA



CHAITANYA ENGINEERING COLLEGE

Approved by AICTE, New Delhi, Affiliated to JNTU, Kakinada
Chaitanya Valley, Kommadi, Madhurawada, Visakhapatnam-48

A ONE DAY ADMINISTRATIVE DEVELOPMENT PROGRAM on "ENERGY CONSERVATION" on

08-11-2021

Attendance Sheet

Sl. No.	Staff	Signature
1	P.V.R Padmavathi	P.V.R Padmavathi
2	P.Jyothirmai	P. Jyothirmai
3	J.Ratna Rao	J. Ratna Rao
4	V. Syamala	V. Syamala
5	B Appala Raju	B Appala Raju
6	G.Naresh	G. Naresh
7	N.Sankar Rao	N. Sankar Rao

S. Srinivasulu
COORDINATOR



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Report on
ONE DAY
ADMINISTRATIVE DEVELOPMENT PROGRAM
ON
'ENERGY CONSERVATION'

One-Day Administrative Development Program on "MS-OFFICE" was conducted on 08-11-2021 at Chaitanya Engineering College Abdul Kalam Block seminar Hall. This program is designed to create awareness on the need for energy conservation for non-teaching staff of the college. There were 7 attendees for the program

Program Co-ordinator: S. Siva Sankar, Asst. Prof

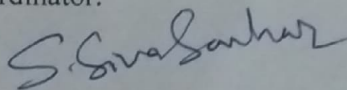
Resource Person:

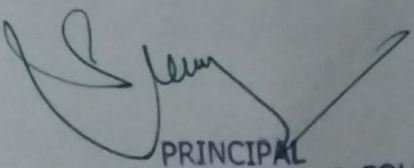
Mrs. T. Jyothi, Sr. Asst. Professor

Topics Covered were:

- Energy scenario in india
- Challenges of climate change and pollution
- Need for energy conservation
- Energy losses
- Solution for energy conservation

The ADP was successfully completed with a vote of thanks by the coordinator.


Program Coordinator


PRINCIPAL
CHAITANYA ENGINEERING COLLEGE
KOR... .. 521048



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**ONE DAY
ADMINISTRATIVE DEVELOPMENT PROGRAM
ON**

'Energy Conservation'

Resource Person: Mrs. T.jyothi, Sr. Asst.Professor

