A Five Day Faculty Development Program (FDP)

on

"Renewable Energy and Smart Grid"

Dates: 24-09-2019 to 28-09-2019

Target audience: ENGINEERING TEACHING FACULTY



Dt:16-09-2019

Attn: Teaching faculty of EEE department

The department of EEE is pleased to inform that it is organizing a Five-day FDP Program on "RENEWABLE ENERGY & SMART GRID" from 24-09-2019 to 28-09-2019. Hence all the teaching faculty members are advised to attend the program without fail and make it a success.

Copy to

1) Principal Sir for information

Principal 2) Department file Chaitanya Engineering College Kommadi. VISAKHAPATNAM-530 048

Circulation among department faculty

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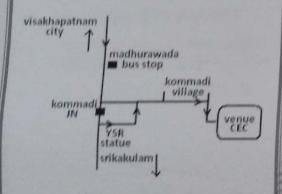
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INSTITUTION:

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-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.M R Lakshmana Rao Assoc.Professor of EEE

COORDINATOR

Sri. S.D.Ashamahesh Asso.Prof., EEE Department

MEMBERS

Dr.G Surya Kalyan,Professor Sri.S Sivasankar,Asst.Prof. Sri.MLVK Prasad, Asst.Prof. Mrs.T Jyothi, Asst.Prof. Mrs.B Praveena, Asst.Prof. Sri.Ch.Vinod, Asst. Prof.

A Five-Day Faculty Development Programme

(FDP)

"Renewable Energy and Smart Grid"

September 24th to 28th 2019





Organized by

Department of EEE

CHAITANYA ENGINEERING COLLEGE (CEC)

Kommadi, Madhurawada, Visakhapatnam-530048 Andhra Pradesh, INDIA

visit us at www.cec.ac.in



OBJECTIVE:

The objective of this faculty development program on Renewable Energy and Smart Grid is provide exposure the participating faculty members about the Energy, Distributed concepts Renewable Generations, Smart Grid, Micro Grid & Recent Advances in Renewable Energy Technologies and grid Control Technologies. The will begin program with an overview of Smart grid and Micro grid and further deliberate on advancements and practices. The resource persons for the FDP will be drawn from in-house and other nearby experienced faculty

TOPICS TO BE COVERED:

- Energy Crisis and Issues, Overview of Smart Grid and Load Forecasting
- Renewable Energies, Distributed
 Generation
- Micro & Macro grids
- Renewable Energy Development in India
- Smart Energy Metering System
- Self-Healing Grid and Integration of Renewable Energy Sources with Grid
- Smart grid Simulation on MATLAB

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: ashamahi.cec@gmail.com on or before

17-09-2019 They must be submitted, in original, at the time of attending the program.

CONTACT DETAILS:

Sri. S.D.Ashamahesh, Asst.Prof. , Department of EEE Co-ordinator,

A FIVE-DAY FDP on 'Electric Vehicle Technologies' Chaitanya Engineering College Kommadi, Madhurawada, Visakhapatnam-530048

Mob: 8332896990 E-mail: ashamahi.cec@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 'Renewable Energy and Smart Grid' 24th to 28th September 2019 Participant's Name: Qualification: Department: Organization: Address for Communication: Phone No. (0): E-mail: "The Principal, Chaitanya Engineering College" DD No.: Accommodation required: Yes/No Signature of Participant decidence de la constitución de SPONSORSHIP CERTIFICATE This is to certify that Mr. / Ms is an employee of our institution and is hereby sponsored to attend the FDP on 'Renewable Energy and Smart Grid' at CEC, Kommadi, Visakhapatnam from 24th to 28th September 2019. Signature of Head Place: of the Institution





A FIVE DAY FACULTY DEVELOPMENT PROGRAMME ON 'Renewable Energy and Smart Grid' 24-09-2019 to 28-09-2019 Organized by Department of EEE

PROGRAMME SCHEDULE

SI. No	Date	Time	Topics	Resource Person/speaker			
1	24-09-2019	10:00 am - 11:00 am 11:00 am - 12:30 pm 2.00 pm to 4.00 pm	Inauguration Energy Crisis and Issues, Overview of Smart Grid and Load Forecasting	D. D. C. D. W. L.			
2	25-09-2019	10:00 am – 12.00 pm	Renewable Energies, Distributed Generation	Dr.R.S.R. Krishnam Naidu, Assoc.Professor NSRIT			
3	26-09-2019	2.00 pm to 4.00 pm 10:00 am – 12.00 pm 2.00 pm to 4.00 pm	Micro & Macro grids Renewable Energy Development in India				
4	27-09-2019	10:00 am – 12.00 pm	Smart Energy Metering System				
		2.00 pm to 4.00 pm	Self-Healing Grid and Integration of Renewable Energy Sources with Grid	Dr.G.S.Kalyan, Prof., CEC			
5	28-09-2019	10:00 am – 12.00 pm 2.00 pm to 4.00 pm	Smart grid Simulation on MATLAB				

Program Coordinator



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

Report on

A 5 Day FDP Program:

'Renewable Energy and Smart Grid'

A 5-Day Faculty Development Program was organized from 24th to 28th September, 2019 at Chaitanya Engineering College by the Electrical and Electronics Engineering Department. This was a 5 day Program, where the latest topics related to Electric vehicles, Electric Motors for EVs, Their Drives Controls, Batteries for EVs, and Charging Infrastructures for EVs, were discussed in detail by experienced resource persons from academia. There were 25 external as well as internal participants from various institutes. The coordinator and co-coordinator of the FDP program were

Coordinator: Sri. SD Ash Mahesh, Asst. Prof.

Resource Persons:

1) Dr. G.Surya Kalyan, Professor of EEE, Chaitanya Engineering College Contact No: 9440366079

2)

Contact No:

Topics Covered were:

- Energy Crisis and Issues, Overview of Smart Grid and Load Forecasting
- Renewable Energies, Distributed Generation
- Micro & Macro grids
- Renewable Energy Development in India
- Smart Energy Metering System
- Self-Healing Grid and Integration of Renewable Energy Sources with Grid
- Smart grid Simulation on MATLAB

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

Convener

CHAITANYA ENGINEERING COLLEGE Kor visakhapatnam 530 048



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

A Five Day FDP on "Renewable Energy and Smart Grid" from 24-09-2019 to 28-09-2019. Attendance Sheet

SI.	Faculty	24-0	9-2019	25-0	25-09-2019		26-09-2019		-2019	28-09-2019	
No.		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	Sri M R Lakshmana Rao Chaitanya Engg. College	MU	MU	MULI	Mel	N&L,	ML	ML	MIL.	MLL	Mel 1
2	Sri B.Nooka Raju Chaitanya Engg. College	Moy	RNY	-DNot	B. Newle	B. North	Browle	BNort	BNote	B Nortes	Broak
3	Sri.SD.Asha Mahesh Chaitanya Engg. College	SON	SBA	8 Down	dan	Dul	Com	QDh.	Dhe	Oh	SDN
4	Sri.S.Siva Sankar Chaitanya Engg. College	Sice	8000	Sun	Sur	Sius	Sinh	Sim	Sim	Sim	Sinc
5	Mrs.O.Deepthi Chaitanya Engg. College	Oser	Open	Open	Opert	Ober	Open	Open	Over	Deo	Oper
6	Mrs.S.Jeevana Deepika Chaitanya Engg. College	C. Joans	Coon	Copy	Conio	C South	Die	Don	Cheen	S Com	John
7	Mr.Ch.Vinod Chaitanya Engg, College	- Aren	Dung.	hund	Chund	hund	chund	Chun	Carry	Churt	Chry
8	Mr.K.Ravi Varma Chaitanya Engg. College	Davi	Pain	Rami	Rain	lain	Rom	Ram	Ram	Pain	Ram
9	Mr.B.Ramesh Chaitanya Engg. College	Daw	Bolow	Blan	Blam	Blow	Bam	Palan	Blan	Bolan	18 Dem
10	Mr.A.Achuta Rama Vinay Chaitanya Engg. College	Oner	Our	Ovin	Oww	Oim	Om	Don	Oving	Oim	Orns
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COORDINATOR

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	Dr.K.Kiran Kumar Aditya Institute of Engg and Tech., Tekkali	(Yur	WA	Kum	Khensu	Kum	Kkum	Leem	Deen	Kleur	Kuhm
2	Sri.P.Ramesh Chaitanya Inst. of Science and Tech., Kakinada	Rower	Ram	Dawn	Round	Variat	Now	Ramh	Ram	Rams	Ramo
3	Sri. P. Sandeep Varma Chaitanya Inst. of Science and Tech., Kakinada	Sanday	Sanda	Sanday	SanDey	SanDay	Salvey	Saday	Sady	Salan	Salon
14	Sri, B.S. Ganesh Chaitanya Inst. of Science and Tech., Kakinada	RShaw	3. Shar	B.S.Com	3. scan	B. Slow	8. Car	B.S.Com.	3.5 Com	B.s. Cour	3.5. Cam
15	Sri. Y. Ram Gopal Chaitanya Inst. of Science and Tech., Kakinada	100	Year	Year	live	4 north	Y.N.	Live	Y. P.	Yel	Gopal
16	Sri. U. Sai Kumar Chaitanya Inst. of Science and Tech., Kakinada	gail	Spir	Sur	Such	Sil	Sank	South	Soule	Sank	Sake
17	Sri. Ch. Venkatesh Chaitanya Inst. of Science and Tech., Kakinada	Jarle	Jewel	Journal	Jewhali	Jaulet	Jarles	Jauler	Jaul	Vaulet	Vaulent
18	P.Mahesh NSR Institute of Tech, Vsp	March	Malier	Malur	Malen	Malan	Mahin	Malin	Malin	Malus	Malin
19	Mrs. T. Jyothi Sai Ganapti Engg. College, Vsp	8	8	8	8	8	8	B	B	8	8
20	Mrs. J. A. Ganeshwari Sai Ganapti Engg. College, Vsp	Yan	. Gar	Jew Jew	lgen	Igan	Igan	lyan	Jan	Igun	Igan
21	B. Gowthami GITS, VSKP	Boothe	B. Hai	Exactour Contract	E. Cost Mour	R Curlton	B. Coulton	B Coatbook	B Low Ten	B. Coolton	B. Caulta
22	B. Satish Babu Sri sivani COE, SKLM	2	Se	Sk	Sh	SA	SE	STR	92	SIL	SR
23	K. Venkataratnam Sri Sivani COE, SKLM	WR	KVR	WR	KIN	LVL	KVR	KUR	Wn	KVL	KUR
24	B. Gayatri Sri Sivani COE, SKLM	Grapet	De Cayet	i Carpt	er Caupith	2 Grapita	Carpito	Gayates	Couptro	Carpelle	Country
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A FIVE DAY FACULTY DEVELOPMENT PROGRAMME ON 'Renewable Energy and Smart Grid" 24-09-2019 to 28-09-2019' Organized by Department of EEE

Resource Person:

Dr. R.S.R. Krishnam Naidu, Assoc. Professor, EEE Department, NSRIT, Visakhpatnam Dr. G.S.Kalyan, Prof. EEE Depatment, CEC





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

CERTIFICATE OF PARTICIPATION

This is to certify that <u>Sri. B. Gowthami</u>, Asst. Professor, EEE from "Gonna Institute of Information, Technology, VSP"

has attended A Five-Day Faculty Development program on "RENEWABLE ENERGY & SMART GRID" from 24th to 28th September-2019 organized by the Department of Electrical & Electronics Engineering, Chaitanya Engineering College, Chaitanya valley,

Madhurawada, Kommadi, Visakhapatnam

CONVENER

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VA ENGINEERING 530 048

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CHAITANYA ENGINEERING COLLEGE

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

CERTIFICATE OF PARTICIPATION

This is to certify that Mr. Sateesh Babu Burada.

from Soi Sivani College Of Engineering.

has attended A Five-Day Faculty Development program on "RENEWABLE ENERGY & SMART GRID" from 24th to 28th September-2019 organized by the Department of Electrical & Electronics Engineering, Chaitanya Engineering College, Chaitanya valley,

Madhurawada, Kommadi, Visakhapatnam

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CHATTANYA ENGINEERING COLLEGE

Kommadi, Vicakhapatnam - 530 048

PRINCIPAL

A Five Day Faculty Development Program (FDP)
on

"Repairs and Rehabilitation of Structures-The Future Scenario"

Dates: 10-02-2020 to 14-02-2020

Target audience: Engineering Teaching Faculty



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

Dt:03-02-2020

Attn: Teaching faculty of Civil department

The department of Civil Engineering is pleased to inform that it is organizing a Five day FDP Program on "Repairs and Rehabilitation of Structures-The Future Scenario" from 10-02-2020 to 14-02-2020. Hence all the teaching faculty members are advised to attend the program without fail and make it a success.

Copy to

1) Principal Sir for information(

2) Department file

Principal Chartanya Engineering College Kommadi, VISAKHAPATNAM 530 648

Circulation among department faculty V. Refer (med)

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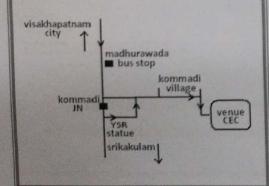
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INSTITUTION:

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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 abreast with the latest trends in Engineering and Technology.

Route Map:



ORGANISING COMMITTEE

CHIEF PATRON

Dr.K.V.V. Satyanarayana Raju, Chairman Chaitanva 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

Dr.R.Umamaheswara Rao, Principal

Chaitanya Engineering College

A Five-Day Faculty **Development Programme** (FDP)

on

"Repair and Rehabilitation of Structures-The Future Scenario"

February 10th to 14th 2020





Organized by Department of Civil Engineering

OBJECTIVE:

This FDP on "Repair and Rehabilitation of Structures-The Future Scenario" is to explore various recent research areas of Civil Engineering domain like repairing of structures, latest technology of advancements in repairing monuments of cultural heritage etc. The aim of this five-day FDP is to train and orient the teaching faculty members to remain abreast of the latest technologies in Civil which will be helpful to them in their graduate education leading to a 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:

- Service life and maintenance of structures
- Methods implemented at site for repair of structures

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" at Visakhapatnam, pavable mail:principal@cec.ac.in on or before 03-02-2020 They must be submitted, in original, at the time of attending the program.

CONTACT DETAILS:

Mr.K. Siva Asst.Prof., Department of Civil Co-ordinator,

A FIVE-DAY FDP on 'Repair and Rehabilitation of Structures-The Future Scenario" Chaitanya Engineering College Kommadi. Madhurawada. Visakhapatnam-530048

Mob: 9640914275 E-mail: hodce@cec.ac.in

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 'Repair and Rehabilitation of Structures-The Future Scenario' 10th to 14th February 2020 Participant's Name: Qualification: Department: Organization: Address for Communication: Phone No. (O): (R): E-mail



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

A FIVE DAY FACULTY DEVELOPMENT PROGRAMME ON 'REPAIR AND REHABILITATION OF STRUCTURES-THE FUTURE SCENARIO

10-02-2020 to 14-02-2020 Organized by Department of Civil

PROGRAMME SCHEDULE

51.	Date	Time	Topics	Resource Person/speaker
No		10:00 am – 11:00 am	Inauguration	
1		11:00 am - 12.30 pm 2.00 pm to 4.00 pm	Latest technology of advancements in repairing of structures	N.Sunil, Assistant
2	11-02-2020	10:00 am – 12.00 pm 2.00 pm to 4.00 pm	Methods implemented at site for repair of structures	Professor,GITAM Institute of Engineering
3	12-02-2020	10:00 am - 12.00 pm 2.00 pm to 4.00 pm	Service life and maintenance of structures	
4	13-02-2020	10:00 am – 12.00 pm	Case studies of ancient buildings/monuments of cultural heritage of India	Ch.Ajay, Research Scholar, Andhra University College of Engineering
		2.00 pm to 4.00 pm	Future scope of implementing the existing technologies for repairing structures	
5	14-02-2020	10:00 am – 12.00 pm	Drawbacks/limitations of existing practices involved in repairing of structures	
T		2.00 pm to 4.00 pm	Valedictory and Certificate Distribution	



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A Five Day FDP on "Repair and Rehabilitation of Structures-The Future Scenario" from 10-02-2020 to 14-02-2020.

Attendance Sheet

SI.	Faculty	10-0	02-2020	11-	02-2020	12-0	2-2020	13-0	2-2020	14-0	2-2020
No.		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	Dr.K.Ramamurthy Raju Chaitanya Engg. College	K.P. Raju	K.R. Paju	W.Raju	KR Paju	K.R. Raju	W.R. Raji	K.R. Raju	u.R. Raju	K. P. Paju	1. P. Raylu
2	Mr.K.Siva Chaitanya Engg. College	Liva	Esiva	Ksiva	& Siva	Ksiva	X.Siva	t. Siva	& Biva	k.siva	k.siva
3	Ms.S.Silpa Havela Chaitanya Engg. College	Sshilps	S.shilpa	J. shilpa	Sshilpa	Sshilpa		0	s.shilpa		
4	Mr.M.Chakravarthy Chaitanya Engg. College	A Charravara	M-chara youth	Andrakrako M	A. Walkowarney	Michaltonany	H. Chan raign ruy	y what raid army	M. Chauravarr	M. Chalchyarthy	My Charle Township
5	Ms.S.Sirisha Chaitanya Engg. College	Sistisho	S-SImisha	Sissisha	Sistnisha	Sistisha	S.S iorisha	s-simisha	Land of the land	Sisiniska	S-sinisha
6	Ms.P.Aparna Chaitanya Engg. College	paparna	p.Apourua	P.Apaura	programa	p. Aparna		p.Asparna	p porua		p. proama
7	Ms.G.Fathima PRani Chaitanya I ngg. College	G. Januara	C. Fakina	G. Fallina	branina pranina	(Fakuina	(Fasting	Co. Farrina	Cifariero	Washing	6 Carlina
8	Ms. Prathima Kumari Chaitanya Lugg. College	pratimo	phanima	pranima	pranimal	prapiuma	pramina	pravimon	mathine	Mrd Himai	Mattima
9	Dr. I. Venkateswara Rao GHTS, VSKP	7.V. Rac	-tv. Pal	7. V. ROD	7-11-Ras	1.1.500	TV. Ras	TV. Ras	TV. Ras	TV Rac	L.N. BOLD
10	1 Santosh Kumar GHTS, VSKP	Esanthol	J. Sauthosh	Santhol	I. Southosh	J-Santush	T.SanMarh	Esantus h	J-Sauthosh	I santuosh	J. Saurhosh
11	B Kiran Kumar NMRA, ibrahimpatnam	B. Kiraus	Brinay	Brixan	B. Kinar	B.Kiran	Brinas	B. Kiray	D. Ki hau	8 visay	B-riears
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Report on

A 5 Day FDP Program:

'Repair and Rehabilitation of structures-The Future Scenario'

A 5 Day Faculty Development Program was organized from 10h to 14th February, 2020 at Chaitanya Engineering College by Civil Engineering Department. This was a 5 day Program, where the latest topics related to the case studies of structures which were more than 50 years of old and the necessary steps to be taken for maintenance were discussed in detail by experienced resource persons from reputed institutions. There were 20 external as well as internal participants from various institutes. The coordinator and co-coordinator of the FDP program were

Coordinator: Mr.K.Siva , Assistant, Prof.

Resource Persons:

1) N.Sunil, Assistant Professor, GITAM Institute of Engineering

Contact No: 9985313733

2) Ch. Ajay, Research Scholar, Andhra University College of Engineering

Contact No:7416568090

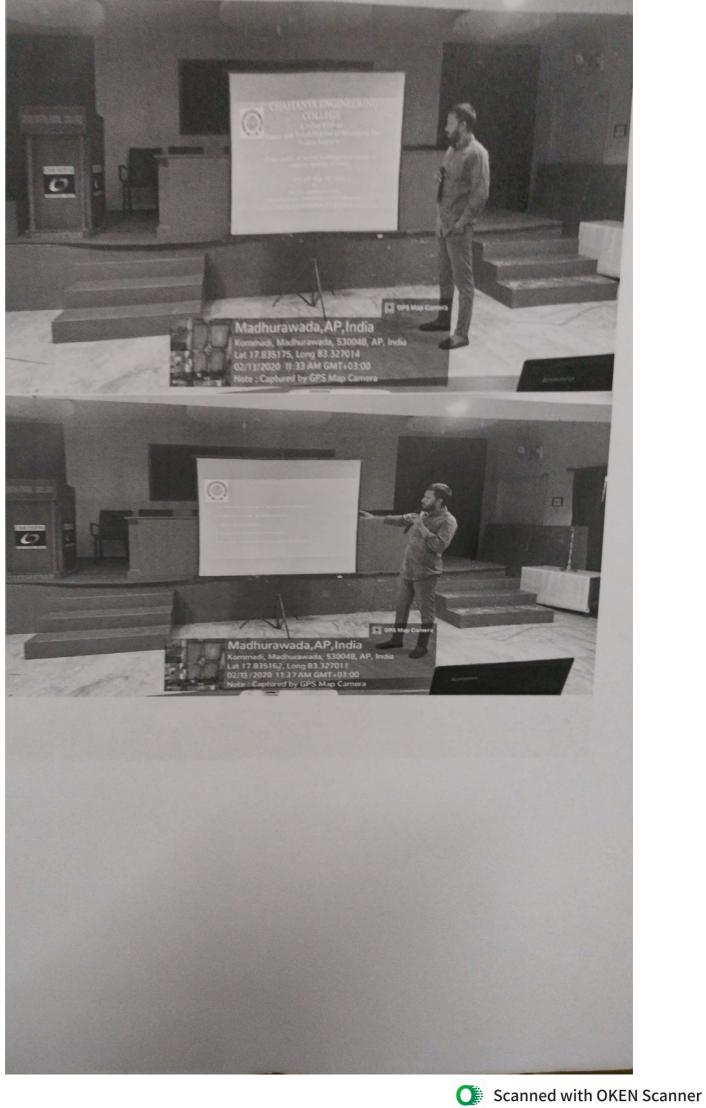
Topics Covered were:

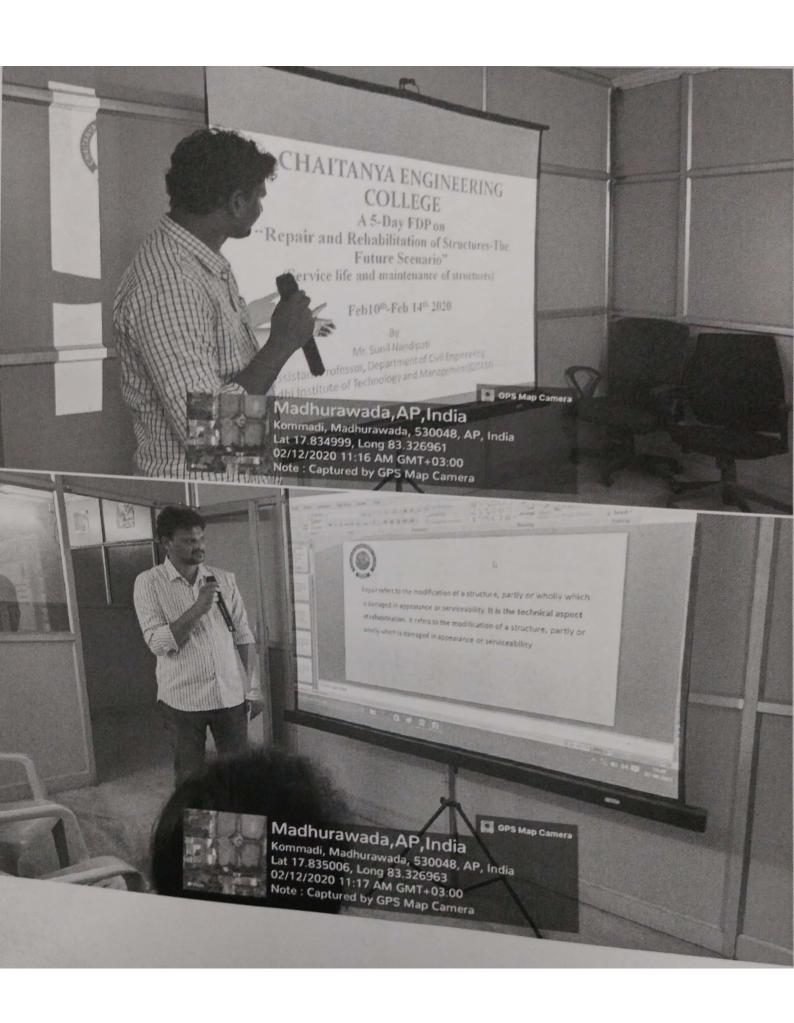
- Service life and maintenance of structures
- Methods implemented at site for repair of structures
- Latest technology of advancements in repairing structures
- Case studies of ancient buildings /monuments of cultural heritage of India
- Future scope of implementing the existing technologies for repairing structures
- Drawbacks/Limitations of existing practices involved in repairing of structures

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

Coordinator

Kommau, visakhapatnam 530 048







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

Certificate of Participation

This is to certify that SRI. N. PRATHAP KUMAR, Asst. PROFESSOR, CIVIL.

from K.S.R.M. COLLEGE OF ENGINEERING, KADAPA.

has attended A Five-Day Faculty Development Programme on

"REPAIRS AND REHABILITATION OF STRUCTURES-THE FUTURE SCENARIO"

from 10th to 14th February-2020

organized by the Department of CIVIL ENGINEERING,

CHAITANYA ENGINEERING COLLEGE

CONVENER

PRINCIPAL COLLEGE
ATTANYA ENGINEERING 530 048
Kommadi Visakhabatham 530 048

PRINCIPAL



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

Certificate of Participation

This is to certify that SRI. CH. SANTOSH KUMAR, Asst. PROFESSOR, CIVIL

from K.S.R.M. COLLEGIE OF ENGINEERING, KADAPA.

has attended A Five-Day Faculty Development Programme on

"REPAIRS AND REHABILITATION OF STRUCTURES-THE FUTURE SCENARIO"

from 10th to 14th February-2020

organized by the Department of CIVIL ENGINEERING,

CHAITANYA ENGINEERING COLLEGE

CONVENER

PRINCIPAL COLLEGE PRINCIPAL S30 048

PRINCIPAL

A Five Day Faculty Development Program (FDP) on

"Advances in CFD Simulations of thermal Systems"

Dates: 05-08-2019 to 09-08-2019

Target audience: Engineering Teaching Faculty



Dt: 28-07-2019

HOD/MECH

Attn: Teaching faculty of Mechanical department

The department of Mechanical is pleased to inform that it is organizing a Five day FDP Program on "ADVANCES IN CFD SIMULATIONS OF THERMAL SYSTEMS" from 05-08-2019 to 09-08-2019. Hence all the teaching faculty members are advised to attend the program without fail and make it a success.

Copy to

1) Principal Sir for information

2) Department file

Chaitanya Engineering College Kommedi, VISAKHAPATNAM-530 648

Circulation among department faculty

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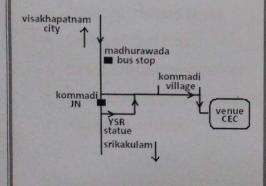
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INSTITUTION:

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. 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, Department of Mechanical Engineering

COORDINATOR

Sri. Grace Sudheer
Asst.Prof., Department of Mechanical Engineering

Co-COORDINATOR

Sri. B. Ramana MurthyAsst.Prof., Department of Mechanical Engineering

MEMBERS

Sri. D. swamy, Asst. Prof.
Sri. K. Srikanth, Asst. Prof.
Smt. P. Santhi, Asst. Prof.
Ms. Sneha Deepika, Asst. Prof.
Mrs. L. Nalini, Asst. Prof.
Ms. M. Swapna, Asst. Prof.
Ms. Kala Bharathi, Asst. Prof.
Sri. Ch. Tejaswi, Asst. Prof.
Sri. I. Hari Babu, Asst. Prof.
Sri. G. Vikram Kumar, Asst. Prof.

A Five-Day Faculty Development Programme

(FDP)

on

"Advances in CFD Simulations of Thermal Systems" August 05th to 09th 2019





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:

Numerical investigations, as an alternative for experimentation, play a key role in the design of thermal energy systems in many engineering applications including automobiles, heat recovery and chemical processing units. The two-week faculty development Programme designed to address the concepts of heat and mass transfer with CFD application in thermal systems analysis. The program is helpful to academicians. researchers, and industrial experts to work in the field of thermal system analysis using CFD. Industrial experts can use the numerical simulation techniques discussed in the present FDP to evaluate the thermal behavior of their systems. The practical experience in ANSYS CFD helps them academicians to motivate themselves and student community to work towards the energy efficient technologies. It helps the research to enhance their knowledge in field of numerical heat transfer. The program also benefits amateur faculty as they interact with the peer educators working in the field of Computational Fluid Dynamics.

TOPICS TO BE COVERED:

- Heat Transfer (HT) in porous media
- Ablation of cancerous tissues,
- Cooling with heat sinks
- Heat Transfer in Heat Exchangers
- Heat Transfer in IC Engines and fuel Cells
- Automobile ventilation,

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: grace.feb25@gmail.com on or before 02-08-2019 They must be submitted, in original, at the time of attending the program.

CONTACT DETAILS:

Sri. Grace Sudheer. Asst. Prof., Department of Mechanical Engineering Co-ordinator,

A FIVE-DAY FDP on 'Advances in CFD Simulations of Thermal Systems' Chaitanya Engineering College Kommadi, Madhurawada.

Visakhapatnam-530048 Mob: 9701131711

E-mail: grace.feb25@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 'Advances in CFD Simulations of Thermal Systems 5th to 9th August 2019 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.: Accommodation required: Yes/No Date: Signature of Participant SPONSORSHIP CERTIFICATE This is to certify that Mr. / Ms. is an employee of our institution and is hereby sponsored to attend the FDP on 'Advances in CFD Simulations of Thermal Systems' at CEC, Kommadi, Visakhapatnam from 05th to 09th August 2019. Place: Signature of Head Date: of the Institution



A FIVE DAY FACULTY DEVELOPMENT PROGRAMME ON 'Advances in CFD Simulation of Thermal Systems' 05-08-2019 to 09-08-2019 Organized by Department of Mechanical Engineering

PROGRAMME SCHEDULE

SI. No	Date	Time	Topics	Resource Person/speaker
1 9		10:00 am - 11:00 am	Inauguration	
	SE TONS	11:00 am - 12.30 pm	Heat Transfer in porous	
1	05-08-2019	2.00 pm to 4.00 pm	Media	
		10:00 am - 12.00 pm	Cooling with Heat	
2	06-08-2019	2.00 pm to 4.00 pm	Sinks	
		10:00 am - 12.00 pm	Heat Transfer in Heat	Prof. R. Govinda Rao,
3	07-08-2019	2.00 pm to 4.00 pm	Exchangers	Principal, SISTAM,
4	08-08-2019	10:00 am - 12.00 pm	Heat Transfer in IC	Vizianagaram
			Engines	
		2.00 pm to 4.00 pm	Heat Transfer in Fuel	
			cells	
5	09-08-2019	10:00 am - 12.00 pm	Automobile Ventilation	
		2.00 pm to 4.00 pm	Valedictory and	
			Certificate Distribution	



Report on

A 5 Day FDP Program:

'Advances in CFD Simulations of Thermal Systems'

A 5 Day Faculty Development Program was organized from 05th to 09th August, 2019 at Chaitanya Engineering College by Mechanical Engineering Department. This was a 5 day Program, where the latest topics related to Thermal Energy Systems including automobiles, chemical recovery and Chemical processing units 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. Grace Sudheer, Asst. Professor, Chaitanya Engineering College Co-Coordinator: Sri I. Hari Babu, Asst. Professor, Chaitanya Engineering college

Resource Persons:

Prof. R. Govinda Rao, Principal, SISTAM, Vizianagaram Contact No: 966123133

Topics Covered were:

- Heat Transfer (HT) in porous media
- Ablation of cancerous tissues
- Cooling with heat sinks
- Heat Transfer in Heat Exchangers
- Heat Transfer in IC Engines and fuel Cells
- Automobile ventilation,

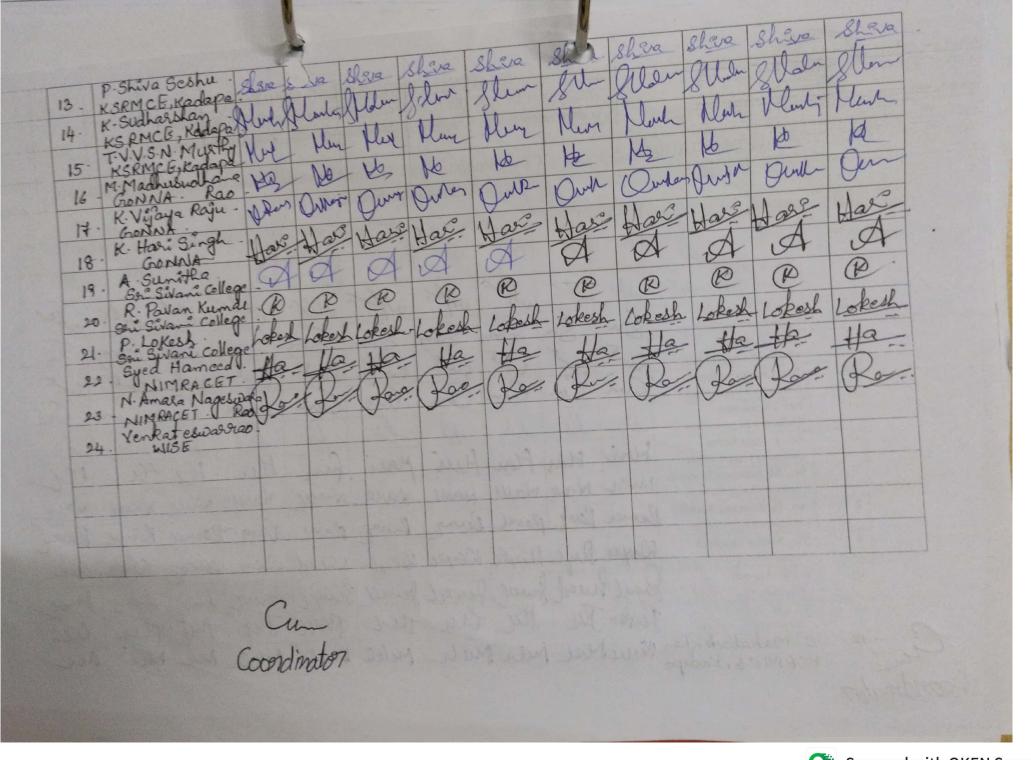
The FDP was successfully completed with certificate distribution to participants by the dignitaries and a vote of thanks by the coordinator.



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

A Five Day FDP on "Advances in CFD Simulations of Thermal Systems" from 05-08-2019 to 09-08-2019. Attendance Sheet

SI.	Faculty	05-1	08-2019	06-	08-2019	07-0	8-2019	08-08	3-2019	09-0	8-2019
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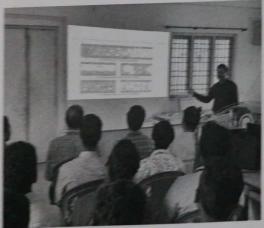


A FIVE DAY FACULTY DEVELOPMENT PROGRAMME ON 'Advances in CFD Simulations of Thermal Systems' 05-08-2019 to 09-08-2019 Organized by Department of Mechanical Engineering

Resource Person:

Dr. R. Govinda Rao, Principal, SISTAM, Vizianagaram











Chaitanya Engineering College

Kommadi Village, Madhurwada, Visakhapatnam conducts

A Five-Day Faculty Development Programme on

"Advances in CFD Simulations of Thermal Systems"

5th-9th August 2019

Resource Person:

Dr. R. Govinda Rao Principal, SISTAM, Vizianagaram



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



Certificate of Participation

This is presented to

Of Information, Technology, VSP

For participating in the five days Faculty Development Programme (FDP) on

"ADVANCES IN CFD SIMULATIONS OF THERMAL SYSTEMS"

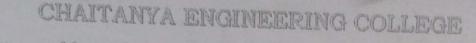
from 5th to 9th August, 2019 organized by the department of Mechanical Engineering,

CHAITANYA ENGINEERING COLLEGE, Visakhapatnam

CONVENER

mmadi. Visakhapatnam - 530 048

PRINCIPAL



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



Certificate of Participation

This is presented to

Mr. K. Hari Singh, Asst. Professor, Mech.

Gronna Institute Of Information, Technology, VSP

For participating in the five days Faculty Development Programme (FDP) on "ADVANCES IN CFD SIMULATIONS OF THERMAL SYSTEMS"

from 5th to 9th August, 2019 organized by the department of Mechanical Engineering, CHAITANYA ENGINEERING COLLEGE, Visakhapatnam

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

Chaitanya Valley, Kommadi, Madhurawada, Visakhapatnam-48

Dt:13-08-2019

Attn: department laboratory staff

It is to inform all the department lab staff that the institute is organizing a One-day Administrative Development Program on "LAB SAFETY AND MAITENANACE" on 20-08-2019 at Abdul Kalam block seminar Hall. Hence they are advised to attend the program without fail.

Copy to

1) HoDs to circulate among respective department lab staff

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Report on

ONE DAY ADMINISTRATIVE DEVELOPMENT PROGRAM ON

'LAB SAFETY AND MAINTENANCE

One-Day Administrative Development Program on 'LAB SAFETY AND MAINTENNCE' was conducted on 20th August 2019 at Chaitanya Engineering College Abdul Kalam Block seminar Hall. This program is designed to inform Laboratory staff about safety of various equipment placed in all branches laboratories and update their knowledge on maintenance of this equipment. Various First-Aid methods and Fire Fighting techniques were also discussed to enable the staff to initiate immediate action incase of any untoward incidents in and around the labs and college. There were 9 attendees for the program

Program Co-odinator: K. Tejeswara Rao, Asst. Prof.

Resource Person:

M R Lakshmana Rao, Associate Professor of the EEE Department

Topics Covered were:

- Electrical Safety, precautions to be observed.
- Safety precautions to be observed in Basic workshops, Mechanical and thermal Laboratories
- Fire safety and operation of various Fire-fighting Equipment
- First-Aid

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

Program Coordinator

CHATTANMA ENGINEERING COLLEGE
Komanda, Machiapatham 530 048

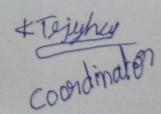


Approved by AICTE, New Delhi, Affiliated to JNTU, Kakinada Chaitanya Valley, Kommadi, Madhurawada, Visakhapatnam-48

A ONE DAY ADMINISTRATIVE DEVELOPMENT PROGRAM on "LAB SAFETY & MAINTENANCE" on 20-08-2019.

Attendance Sheet

SI.	Non-Teaching Staff	Signature
1	B.Lokeshwara Rao	B. Lokoshwaz rao
2	N.Dharmajee Babu	N. Dharuger buts
3	K. Krishnamurthy	K. Krisho worky
4	P. Sridevi	P. Snidevi
5	B.Suresh Kumar	B. Sweeth Know h
6	R.Govind	R. Grovind
7	Y.Ashok	Y. Ashot
8	C. Ashok	C-Ashok
).	N.Sridhar	N. Sridhar





ONE DAY ADMINISTRATIVE DEVELOPMENT PROGRAM 'LAB SAFETY AND MAINTENANCE

Resource Person:

MR Lakshmana Rao, Associate Professor of the EEE Department, Chaitanya Engineering College

