



GANDHI COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE and Affiliated to Pondicherry University) (Accredited with 'A' Grade by NAAC)

(Sponsored by Sri Balaji Educational and Charitable Public Trust) Pondy - Cuddalore Main Road, Kirumampakkam, Puducherry - 607 403.

Date: 16.12.2021

From

Head of the Department, Dept of Electrical & Electronics Engineering, Rajiv Gandhi College of Engineering & Technology, Puducherry-607403.

To

The Principal, RGCET, Puducherry-607403.

Respected sir,

Sub: Requesting permission to conduct one day seminar on Energy Conservation Day on 30.12.2021- Reg.

As a part of Energy Conservation Day on 30.12.2021, the departments of BME, EEE and MECH have planned to celebrate it in a grand manner and to conduct one day seminar on "Energy Conservation Practices" in association with RGCET Student Chapter-BEM. In this regard, we request your kind permission to conduct the same.

Thanking You



Yours Sincerely,

· IEAD OF THE DEPARTMENT Electrical & Electronics Engg. Rajjy Gandhi College of Engg. & Tec. Puducherry-507 403

are of

Dr. E. VISAYAKRISHNA RAPAKA B.Tech. (Mech.), M.Tech.(Energy), Ph.D. (IIT Madras) M.I.S.T.E., F.I.I.P.E., M.C.S.I M.C.I.I.,

PRINCIPAL



RAJIV GANDHI COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE and Affiliated to Pondicherry University)

(Accredited with 'A' Grade by NAAC)

(Sponsored by Sri Balaji Educational and Charitable Public Trust)
Pondy - Cuddalore Main Road, Kirumampakkam, Puducherry - 607 403.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ACADEMIC YEAR 2021 - 22 (ODDSEM)

No: RGCET/EEE/Circular/2021-22

Date: 23.12.2021

CIRCULAR

We are excited to inform you about a one-day seminar on "Energy Conservation Practices" on 30.12.2021, organizing exclusively for our II, III & IV-Year students. This Seminar is designed to provide adequate awareness and importance of energy conservation for the future.

Chief Guests Details:

Dr. B. Radjaram

Er. S. Thirougnaname

Er. D. Shanmuga Vadivel

Chairman, IEIPSC, Puducherry State Centre

Honorary secretary, IEIPSC, Puducherry State Centre

Committee Member, IEIPSC, Puducherry State Centre

Venue: Seminar Hall

All are invited

Copy to:

- 1. The Principal
- 2. All Dept HODs
- 3. Circulate to all Faculty Members and EEE students
- 4. Notice board / file

HOD/EEE

Puducherry-607 403



Dr. E. VIJAYAKRISHNA RAPAKA

B. Tech. (Mech.), M. Tech. (Epergy), Ph. D. (UT Maddre)

B.Tech. (Mech.), M.Tech.(Energy), Ph.D. (IIT Madras)
M.I.S.T.E., F.I.I.P.E., M.C.S.I M.C.I.I.,
PRINCIPAL



RAJIV GANDHI COLLEGE OF ENGINEERING AND TECHNOLOG

(Approved by AICTE and Affiliated to Pondicherry University)

(Accredited with 'A' Grade by NAAC)

(Sponsored by Sri Balaji Educational and Charitable Public Trust)

Pondy - Cuddalore Main Road, Kirumampakkam, Puducherry - 607 403.





THE INSTITUTION OF ENGINEERS (INDIA)

&

Puducherry RGCET STUDENT CHAPTER-BEM

(Department of Biomedical Engineering, Electrical and Electronics Engineering & Mechanical Engineering)

Rajiv Gandhi College of Engineering and Technology

cordially invites you to the celebration of

ENERGY CONSERVATION DAY

on 30th December 2021@ 11:00 am in Seminar Hall

Shri. M.K. Rajagopalan

Chairman, Sri Balaji Educatioal & Charitable Public Trust
Will preside over the function

Dr. B. Radjaram

Chairman, IEIPSC
Will Inaugurate and distribute the prize

Er. S. Thirougnaname

Honorary Secretary, IEIPSC

Er. D. Shanmuga Vadivel

Committee Member, IEIPSC

Dr. E. Vijayakrishna Rapaka

Principal, RGCET Will offer Felicitations

Dr. K. Ayyappan

Vice-Principal, RGCET

ALL ARE WELCOME BY IEI ORGANISING COMMITTEE - RGCET





RAJIV GANDHI COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE and Affiliated to Pondicherry University)
(Accredited with 'A' Grade by NAAC)

(Sponsored by Sri Balaji Educational and Charitable Public Trust)

Pondy - Cuddalore Main Road, Kirumampakkam, Puducherry - 607 403.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

SEMINAR MODULE

Course Name	"Energy Conservation Practices"			
Resource Person (s)	Dr. B. Radjaram, Er. S. Thirougnaname & Er. D. Shanmuga Vadivel			
Date	30-12-2021			
Course Offered to	Dept.: EEE Year: II, III &IV Sem: III, V&VII			

Date / Day	Time	Topic Covered	Speaker
	9.00 AM _ 10.00 AM	Welcome Address	Dr.E.Vijayakrishna Rapaka
. 10.00AM - 10.45 AM		Introduction to Energy Conservation	Dr. B. Radjaram
	10:45 AM - 11:00 AM Tea/ Coffee Break		
	11:00 AM - 11:30 AM	Energy Audits and Assessments	Er. S. Thirougnaname
30.12.2021 11:30 AM - Energy-Efficient Technologies and Pr		Energy-Efficient Technologies and Practices	Er. D. Shanmuga Vadivel
,	1:00 PM - 1:45 PM	Lunch Break	
1:45PM - 2:30 PM Policy and Regulations or		Policy and Regulations on Energy Conservation	Er. D. Shanmuga Vadivel
2:30 PM - 3:00 PM Successful Er		Successful Energy Conservation	Er. S. Thirougnaname
	3:45 PM - 4:00 PM	Certificate Distribution and Closing Remarks	Er. D. Shanmuga Vadivel Mr.A.Kathiravan

Event Co-ordinator



Head of the Department

r 1EAD OF THE DEPARTMENT
Electrical & Electronics Engg.

Rajiv Gandhi College of Engg. 8 Teath

Dr. E. VIJA**Y**AKRISHNA RAPAKA

B.Tech. (Mech.), M.Tech.(Energy), Ph.D. (IIT Madras)
M.I.S.T.E., F.I.I.P.E., M.C.S.I M.C.I.I.,
PRINCIPAL

Rajly Gandhi College of Engineering & Technology
Pondy - Cuddalore Main Road,
Kirumannockkon, Budusland



ajiv gandhi college of engineering and technology

(Approved by AICTE and Affiliated to Pondicherry University)
(Accredited with 'A' Grade by NAAC)

(Sponsored by Sri Balaji Educational and Charitable Public Trust)

Pondy - Cuddalore Main Road, Kirumampakkam, Puducherry - 607 403.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Date 05.01.2022

SEMINAR REPORT "ENERGY CONSERVATION PRACTICES"

Date: 30-12.2021

The Department of Electrical and Electronics Engineering conducted a one-day seminar on "Awareness of Energy Conservation on December 30, 2021. The event coordinator of the session is Mr. Sivakumar (Assistant Professor (Sr. Gr) of the Dept. of EEE). The sessions were conducted by Dr. B. Radjaram, Chairman, IEIPSC, Puducherry; Er. S. Thirougnaname, Honorary Secretary, IEIPSC, Puducherry; and Er. D. Shanmuga Vadivel, Committee Member, IEIPSC, Puducherry. A total of 41 students belong to the EEE department.

The seminar on energy conservation practices successfully achieved its objective of educating and empowering participants with knowledge and strategies for effective energy conservation. The event fostered a collaborative environment for learning and networking, and the feedback indicates a high level of satisfaction among the participants.

Increase the duration of interactive workshops to allow more in-depth discussions and plan development. Include more case studies and real-world examples to illustrate the impact of energy conservation practices. Provide follow-up resources and support for participants to implement energy conservation plans. and The organizers would like to thank the speakers, participants, and sponsors for their contributions to the success of the seminar. Special thanks to the management of RGCET for hosting the event.

Event Co-ordinator

Department 2

Head of the Department

Electrical & Electronics Engg.
Rajiv Gandhi College of Engg. Tec....

B.Tech. (Mech.), M.Tech.(Energy), Ph.D. (IIT Madras) M.I.S.T.E., F.I.I.P.E., M.C.S.I M.C.I.I.,

PRINCIPAL
Rajiv Gandhi College of Engineering & Technology



RAJIV GANDHI COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE and Affiliated to Pondicherry University)

(Accredited with 'A' Grade by NAAC)

(Sponsored by Sri Balaji Educational and Charitable Public Trust)

Pondy - Cuddalore Main Road, Kirumampakkam, Puducherry - 607 403.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Seminar on "ENERGY CONSERVATION PRACTICES"

ENROLLED STUDENTS LIST

SI. No.	No. Register No Name of the Student		Year of Study
1	18TE0201	BABA FAKRUDEEN K	IV
2	18TE0202	GUNALD K	IV
3	18TE0203	HARIPRASAD P	IV
4	18TE0204	HARSHINI R	IV
5	18TE0205	KAVYA G	IV
6	18TE0206	KRISHNARAJ M	IV
7	18TE0207	RAMANAN S	IV
8	18TE0209	RAMKUMAR S	IV
9	18TE0210	SAKTHI MURUGAN S	IV
10	18TE0211	SANTHOSH J	IV
11	18TEL007	IMTIYAZ.MMS	IV
12	19TE0201	AGATHIAN S	III
13	19TE0202	ARAVIND RAJ D	III
14	19TE0204	JAYAGOVINDHAN G	III
15	19TE0205	KEERTHIVASAN S	III
16	19TE0206	MADHAVAN S	III
17	19TE0207	MURALI DHARAN S	III
18	19TE0208	PADMA PRIYAN M	III
19	19TE0209	SIVAPRAKASH S	ÌII
20	19TE0210	SIVAPRATHAP S	III



Dr. E. VIJAYAKRISHNA RAPAKA B.Tech. (Mech.), M.Tech.(Energy), Ph.D. (IIT Madras) M.I.S.T.E., F.I.I.P.E., M.C.S.I M.C.I.I.,

M.I.S.T.E., F.I.I.P.E., M.C.S.I M PRINCIPAL

Rajiv Gandhi College of Engineering & Technology Pondy - Cuddalore Main Road,



RAJIV GANDHI COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE and Affiliated to Pondicherry University)
(Accredited with 'A' Grade by NAAC)

(Sponsored by Sri Balaji Educational and Charitable Public Trust)
Pondy - Cuddalore Main Road, Kirumampakkam, Puducherry - 607 403.

21	19TE0211	THEEVATH R	III
22	19TEL001	ARAVINDH.M	III
23	19TEL003	HARISH KUMAR T	III
24	19TEL004	KEVIN K	III
25	19TEL005	SANJAI A	III
26	19TJ0088	MUHAMED HASAN M	III
27	20TE0051	AJAI P	II
28	20TE0052	KISHOR P	II
29	20TE0053	SANTHOSHKUMAR C	II
30	20TE0054	SUGANTHANESWARAN V	II
31	20TE0055	YOGANATHAN N	II
32	20TEL001	AJITHKUMAR R	II ·
33	20TEL002	BHIJVANESH M	II
34	20TEL003	DHANUSURYA T	II
35	20TEL004	JAFER ALI M	II
36	20TEL005	KADIRVASAN R	II
37	20TEL006	LOGESHWARAN S	II
38	20TEL007	MOHAMAD AMIR RASHID SHEIKH	II
39	20TEL008	ROHIT VALSARAJ	II
40	20TEL009	SASIPRIYAN B	II
41	20TEL010	SIVARAMAN S	II

Event Coordinator



Head of the Department

Electrical & Electronics Engg.
Rajiv Gandhi College of Engg. & Texter

Puduchery 407 PAKRISHNA RAPAKA

B.Tech. (Mech.), M.Tech.(Energy), Ph.D. (IIT Madras) M.I.S.T.E., F.I.I.P.E., M.C.S.I M.C.I.I., PRINCIPAL

Dally Gandhi College of Engineering & Technology



RAJIV GANDHI COLLEGE OF ENGINEERING AND TECHNOLOGY Kirumambakkam, Puducherry- 607403

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Feedback Form

Cours	se Title:			
Date:		Venue:		
Name:		Reg. No:		Year / Sem :
DESIG	GN OF THE SEMINAR			
A. B.	Were objectives of the seminar clear to you The contents met with your expectations	u? Y/N		
C.	1. Strongly disagree 2. Disagree The lecture sequence was well planned	3. Neutral	4. Agree	5. Strongly agree
D.	The contents were illustrated with adequate	3. Neutral te examples	4. Agree	5. Strongly agree
E.	1. Strongly disagree 2. Disagree The level of the seminar was too high	3. Neutral	4. Agree	5. Strongly agree
F.	1. Strongly disagree 2. Disagree The contents compared with your expectat	3. Neutral tions was too the	4. Agree	5. Strongly agree
G.		3. Neutral	4. Agree	5. Strongly agree
		3. Neutral	4. Agree	5. Strongly agree
COND	UCT OF THE SEMINAR			
A.	The lectures were clear and easy to unders 1. Strongly disagree 2. Disagree	tand 3. Neutral	4. 4 0000	5 04
B.	The teaching aids were effectively used		4. Agree	5. Strongly agree
C.	The material handed out was adequate	3. Neutral	4. Agree	5. Strongly agree
D.	The instructors encouraged interaction and	3. Neutral I were helpful	4. Agree	5. Strongly agree
	1. Strongly disagree 2. Disagree 3	3. Neutral	4. Agree	5. Strongly agree
E.	Were objectives of the seminar realized? Y	/ / N	¥	
F.	Please give overall rating of the course			
	90% - 100% () 60% - 70% ()			
	80% - 90% () 50% - 60% ()			
	70% - 80% () below 50% ()			

Signature



Dr. E. VIJAYAKRISHNA RAPAKA

Dr. E. VIJAYAKRISHNA RAPAKA
B.Tech. (Mech.), M.Tech. (Energy), Ph.D. (IIT Madras)
M.I.S.T.E., F.I.I.P.E., M.C.S.I M.C.I.I.,
PRINCIPAL



RAJIV GANDHI COLLEGE OF ENGINEERING AND TECHNOLOGY Kirumambakkam, Puducherry- 607403

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Feedback Form

Course	Title: Chergy Conservation P.	cachies		
Date: 2	30-12-2021	Venue: Seminar Hall		
Name:	P. Ajai	Reg. No: 20760051	Year/Sem: 2)	_
DESIG	N OF THE WORKSHOP			
	Were objectives of the workshop clear to	you? X/N		
	The contents met with your expectations 1. Strongly disagree 2. Disagree	3. Neutral 4. Agree	5. Strongly agree	
C.	The lecture sequence was well planned 1. Strongly disagree 2. Disagree	3. Neutral 4 Agree	5. Strongly agree	
D.	The contents were illustrated with adequate 1. Strongly disagree 2. Disagree	ate examples 3. Neutral 4. Agree	5. Strongly agree	
E.	The level of the seminar was too high 1. Strongly disagree 2. Disagree	3. Neutral 4. Agree	5. Strongly agree	
F.	The contents compared with your expects 1. Strongly disagree 2. Disagree	ations was too theoretical 3. Neutral 4. Agree	Strongly agree	
G.	The workshop exposed you to new knowl 1. Strongly disagree 2. Disagree		5. Strongly agree	
CONDI	UCT OF THE WORKSHOP			
Α.	The lectures were clear and easy to under	rstand		
	1. Strongly disagree 2. Disagree	3. Neutral 4. Agree	5. Strongly agree	
В.	The teaching aids were effectively used 1. Strongly disagree 2. Disagree	3. Neutral 4. Agree	6. Strongly agree	
C.	The material handed out was adequate		<u></u>	
Б	1. Strongly disagree 2. Disagree	3. Neutral 4. Agree	6. Strongly agree	
D.	The instructors encouraged interaction a 1. Strongly disagree 2. Disagree	6. Neutral 4. Agree	5. Strongly agree	
E.	Were objectives of the seminar realized?	N/N		
F.	Please give overall rating of the course	Γ .		
a	90% - 100% (1)60% - 70% ()		
	80% - 90% () 50% - 60% ()		
	70% - 80% () below 50% ())
			<i>></i>	

Signature

Dr. E. VIJAYAKRISHNA RAPAKA

B.Tech. (Mech.), M.Tech. (Energy), Ph.D. (IIT Madras)
M.I.S.T.E., F.I.I.P.E., M.C.S.I M.C.I.I.,
PRINCIPAL



RAJIV GANDHI COLLEGE OF ENGINEERING AND TECHNOLOGY Kirumambakkam, Puducherry- 607403

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Feedback Form

Course Title:	Freigy	Conserva	HOA Practices
---------------	--------	----------	---------------

Date: 30-12 - 2021

Venue: Coming Hall

Name: S. Madhavan

Reg. No: 197E 0206

Year / Sem : 111 - 2

DESIGN OF THE SEMINAR

A. Were objectives of the seminar clear to you? B. The contents met with your expectations 5. Strongly agree 1. Strongly disagree 2. Disagree 3. Neutral C. The lecture sequence was well planned 1. Strongly disagree 2. Disagree 3. Neutral 4. Agree 5. Strongly agree D. The contents were illustrated with adequate examples 1. Strongly disagree 2. Disagree 3. Neutral 5. Strongly agree E. The level of the seminar was too high 4. Agree 5. Strongly agree 1. Strongly disagree 2. Disagree 3. Neutral F. The contents compared with your expectations was too theoretical 4. Agree 1. Strongly disagree 2. Disagree 3. Neutral 5. Strongly agree G. The seminar exposed you to new knowledge and practices

1. Strongly disagree 2. Dis

2. Disagree 3. Neutral 4. Agree

5. Strongly agree

CONDUCT OF THE SEMINAR

The lectures were clear and easy to understand 4 Agree 1. Strongly disagree 2. Disagree 3. Neutral 5. Strongly agree The teaching aids were effectively used 5. Strongly agree 1. Strongly disagree 4. Agree 2. Disagree 3. Neutral C. The material handed out was adequate 1. Strongly disagree 2. Disagree 3. Neutral 5. Strongly agree D. The instructors encouraged interaction and were helpful 5./Strongly agree 1. Strongly disagree 2. Disagree 3. Neutral 4. Agree

E. Were objectives of the seminar realized? N

F. Please give overall rating of the course

90% - 100% () 60% - 70% () 80% - 90% () 50% - 60% () 70% - 80% () below 50% ()

Signature



Dr. E. VIJAYAKRISHNA RAPAKA B.Tech. (Mech.), M.Tech. (Energy), Ph.D. (IIT Madras) M.I.S.T.E., F.I.I.P.E., M.C.S.I M.C.I.L., PRINCIPAL



RAJIV GANDHI COLLEGE OF ENGINEERING AND TECHNOLOGY Kirumambakkam, Puducherry- 607403

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Feedback Form

Course Title: Ehergy	Conservation-Practices
Course Title. —	Coroscitation inaction

Date: 30-12. 2021

Venue: Ceminar Hall

Name: K. Gunald

Reg. No: 18TE0202

Year / Sem : 4 _7

DESIGN OF THE SEMINAR

A.	Were objectives of the	seminar clear to	you? Y\	N	
B.	The contents met with	your expectation	ns /	•	
	1. Strongly disagree	2. Disagree	3. Neutral	A. Agree	5. Strongly agree
C.	The lecture sequence w	as well planned		. (-	
	1. Strongly disagree	2. Disagree	3. Neutral	4. Agree	8. Strongly agree
D.	The contents were illus	trated with adea	quate examples		- 1
	1. Strongly disagree	2. Disagree	3. Neutral	4. Agree	Strongly agree
E.	The level of the semina	r was too high		A	<i>e</i>
	1. Strongly disagree	2. Disagree	3. Neutral	A. Agree	5. Strongly agree
F.	The contents compared	l with your expe	ctations was too		
	1. Strongly disagree	2. Disagree	3. Neutral	4. Agree	5. Strongly agree
G.	The seminar exposed y	ou to new know	ledge and practi	ces	
	1. Strongly disagree	2. Disagree	3. Neutral	4. Agree	5. Strongly agree

CONDUCT OF THE SEMINAR

A.	The lectures were clear	and easy to une	derstand		
	1. Strongly disagree	2. Disagree	3. Neutral	4. Agree	5. Strongly agree
В.	The teaching aids were	effectively used		•	A
	1. Strongly disagree	2. Disagree	3. Neutral	4. Agree	8. Strongly agree
C.	The material handed or	it was adequate	;	-	. /
	1. Strongly disagree	2. Disagree	3. Neutral	4. Agree	3. Strongly agree
D.	The instructors encour:	aged interaction	and were helpful		
	1. Strongly disagree	2. Disagree	3. Neutral	A. Agree	5. Strongly agree
				- 1-	

E. Were objectives of the seminar realized?

F. Please give overall rating of the course

90% - 100% (\$\int 60\% - 70\%_ () \)
80% - 90\% () 50\% - 60\% ()
70\% - 80\% () below 50\% ()

K. bunda.



Dr. E. VIJAYAKRISHNA RAPAKA B.Tech. (Mech.), M.Tech. (Energy), Ph.D. (IIT Madras) M.I.S.T.E., F.I.I.P.E., M.C.S.I M.C.I.I.,



RAJIV GANDHI COLLEGE OF ENGINEERING AND TECHNOLOG

(Approved by AICTE and Affiliated to Pondicherry University)

(Accredited with 'A' Grade by NAAC)

(Sponsored by Sri Balaji Educational and Charitable Public Trust)

Pondy - Cuddalore Main Road, Kirumampakkam, Puducherry - 607 403.





"Energy conservation Day-2021" was conducted on 30.12.2021 with the chief guest Dr.B.Radjaram, Chairman, IEIPSC, Puducherry State Centre, speech on taking initiatives to conserve energy resources & practices and public awareness on Energy Conservation Practices.



" Gandhi College of Engineering & Technology