

E.G.S.Pillay Engineering College. (Autonomous) Nagapattinam

Dept of Electrical and Electronics Engineering

INTERNAL CIRCULAR

23-12-2021

Value added course

It is informed to all second year (2020-24) students that a five day value added course on "FUEL CELL," been organized between 27-12-2021 to 31-12-2021. All the students of II year EEE are instructed to attend the course without fail.

Time: 9.15 am - 4.30 Pm

Venue: EEE Seminar hall

HOD/EEE

(Circulated to II year class)

ATTESTED


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

On

"FUEL CELL "


About the course

The course on "Fuel cell" comprises the concept relevant to the fuel cell. As fuel cell is a device that generates electricity through an electrochemical reaction, not combustion. In a fuel cell, hydrogen and oxygen are combined to generate electricity, heat, and water. Fuel cells are used today in a range of applications, from providing power to homes and businesses, keeping critical facilities like hospitals, grocery stores, and data centers up and running, and moving a variety of vehicles including cars, buses, trucks, forklifts, trains, and more.

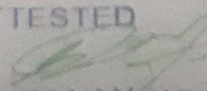
Fuel cell systems are a clean, efficient, reliable, and quiet source of power. Fuel cells do not need to be periodically recharged like batteries, but instead continue to produce electricity as long as a fuel source is provided.

A fuel cell is composed of an anode, cathode, and an electrolyte membrane. A typical fuel cell works by passing hydrogen through the anode of a fuel cell and oxygen through the cathode. At the anode site, a catalyst splits the hydrogen molecules into electrons and protons. The protons pass through the porous electrolyte membrane, while the electrons are forced through a circuit, generating an electric current and excess heat. At the cathode, the protons, electrons, and oxygen combine to produce water molecules. As there are no moving parts, fuel cells operate silently and with extremely high reliability.

The course on fuel cell covers the key area on principles fuel cell technology, thermodynamics of the fuel cell, components and characterization of fuel cell for the II year students of the electrical engineering course.


Course coordinator

ATTESTED


Dr. S. RAMABALAN, M.E., Ph.D.
PRINCIPAL
E.G.S. Pillay Engineering College,
Thirup. Nadore, 625 002,
Nagapattinam (Tamil Nadu)

P. G. S. PILLAI

ENGINEERING COLLEGE
(AUTONOMOUS)

Nagarapattanam - 611 002

Affiliated to Anna University,

Chennai, Approved by AICTE, New
Delhi

ACCREDITED BY NAAC WITH
GRADE 'A'

Department of Electrical and
Electronics Engineering
(Accredited by NBA)

VALUE ADDED COURSE ON

"FUEL CELL"

Syllabus

Hydrogen & fuel cell

Fuel cell-subsystems

Fuel cell technologies

Applications as energy source

Codes and safety

ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL

Electronics Engineering Department
Thethi, Nagore - 611 002.

Resource Person:

Dr. T. Suresh Padmanabhan,

Professor/EEE

Course Coordinator

Mr. B. Amalore Naveen Antony, AP/EEE

Requisition letter

22-12-2021

Nagapattinam

From,

B Amalore Naveen Antony,
Assistant professor, EEE Dept
E.G.S.Pillay Engineering College,
Nagapattinam

To,

The principal,
E.G.S.Pillay Engineering College,
Nagapattinam.

Through proper channel.


Sub: requisition for conducting value added course on "Fuel cell"

Sir,

As part of the academic progress we have planned to conduct a five day value added course on "Fuel cell," from 27-12-2021 to 31-12-2021 for the II year students (2020-2024 batch).

I request you to grant us permission to utilize the laboratory and other facilities for conducting the programme in a successful manner.

Thanking you,


B. Amalore Naveen Antony

*Forwarded to Principal
22/12/2021*

S. No	Name	Reg. No	27/12	28/12	29/12	30/12	31/12
1	S Aathithyan	E20EER001	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
2	S.Aropraveen	E20EER002	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
3	Arun.M	E20EER003	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
4	Arun Kumar.R	E20EER004	<i>[Signature]</i>	R. Arun Kumar	R. Arun Kumar	R. Arun Kumar	R. Arun Kumar
5	Bagavathy.A	E20EER005	AB	AB	AB	AB	AB
6	Dharaniya V	E20EER006	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
7	Y. Gayathri	E20EER007	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
8	Gowthaman. M	E20EER008	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
9	Hari	E20EER009	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
10	R.Harish	E20EER010	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
11	Harish.S	E20EER011	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
12	R.Immanuvel Ezhil Raj	E20EER012	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
13	J.Jayamurugan	E20EER013	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
14	J.Jenisha	E20EER014	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
15	Karvinraj.M	E20EER015	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
16	Kaviyarasan.M	E20EER016	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
17	C.Kuzhanthaivel	E20EER017	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
18	M.Mohamed Junaidh Riyas	E20EER019	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
19	R.Mukeshkanna	E20EER020	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
20	Muthukumaran.S	E20EER021	AB	AB	AB	AB	AB

21.	Muthukumar S	E20EER022	S. Muthu	S. Muthu	S. Muthu	S. Muthu	S. Muthu
22.	Nanthakumar R	E20EER023	N. Nanthakumar	N. Nanthakumar	N. Nanthakumar	N. Nanthakumar	N. Nanthakumar
23.	Naveen Kumar S	E20EER024	S. Naveen	S. Naveen	S. Naveen	S. Naveen	S. Naveen
24.	Nithish	E20EER025	J. Nithish	J. Nithish	J. Nithish	J. Nithish	J. Nithish
25.	Parasuraman P	E20EER026	P. Parasuraman	P. Parasuraman	P. Parasuraman	P. Parasuraman	P. Parasuraman
26.	Parthiban T	E20EER027	T. Parthiban	T. Parthiban	T. Parthiban	T. Parthiban	T. Parthiban
27.	Pradeep Kumar R	E20EER028	R. Pradeep	R. Pradeep	R. Pradeep	R. Pradeep	R. Pradeep
28.	Preethi Kumar S	E20EER029	S. Preethi	S. Preethi	S. Preethi	S. Preethi	S. Preethi
29.	Purushothaman S	E20EER030	S. Purushothaman	S. Purushothaman	S. Purushothaman	S. Purushothaman	S. Purushothaman
30.	Rajeshkanna R	E20EER031	R. Rajeshkanna	R. Rajeshkanna	R. Rajeshkanna	R. Rajeshkanna	R. Rajeshkanna
31.	Rajeshwari G	E20EER032	G. Rajeshwari	G. Rajeshwari	G. Rajeshwari	G. Rajeshwari	G. Rajeshwari
32.	M. Renganathan	E20EER033	M. Renganathan	M. Renganathan	M. Renganathan	M. Renganathan	M. Renganathan
33.	Rohith J	E20EER034	J. Rohith	J. Rohith	J. Rohith	J. Rohith	J. Rohith
34.	Sabari Dasan B	E20EER035	B. Sabari Dasan	B. Sabari Dasan	B. Sabari Dasan	B. Sabari Dasan	B. Sabari Dasan
35.	S. Shalini	E20EER036	S. Shalini	S. Shalini	S. Shalini	S. Shalini	S. Shalini
36.	Sheik Mohammed S	E20EER037	S. Sheik Mohammed	S. Sheik Mohammed	S. Sheik Mohammed	S. Sheik Mohammed	S. Sheik Mohammed
37.	Sithick Kumar S	E20EER038	S. Sithick Kumar	S. Sithick Kumar	S. Sithick Kumar	S. Sithick Kumar	S. Sithick Kumar
38.	Sriban P	E20EER039	P. Sriban	P. Sriban	P. Sriban	P. Sriban	P. Sriban
39.	Subash K	E20EER040	K. Subash	K. Subash	K. Subash	K. Subash	K. Subash
40.	Tamilarasan N	E20EER041	N. Tamilarasan	N. Tamilarasan	N. Tamilarasan	N. Tamilarasan	N. Tamilarasan
41.	Velusamy S	E20EER042	S. Velusamy	S. Velusamy	S. Velusamy	S. Velusamy	S. Velusamy

ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL

S. S. Pillay Engineering College,
S. S. Pillay

42.	Vigneshwar S	E20EUR043	S	S	S	S	S
43.	Vijay S	E20EUR044	AB	AB	AB	AB	AB
44.	Yeswanth N	E20EUR045	NG	NG	NG	NG	NG
45.	C.Yogesh	E20EUR046	C	C	C	C	C
46.	Yokeshwar K	E20EUR047	AB	AB	AB	AB	AB
47.	Yuvraj S	E20EUR048	S	S	S	S	S
48.	Ananthan G	E20EEL301	G	G	G	G	G
49.	Abdul Aji A	E20EEL302	A	A	A	A	A
50.	Anbuman C	E20EEL303	C	C	C	C	C
51.	Ashok V	E20EEL304	V	V	V	V	V
52.	Deepan B	E20EEL305	AB	AB	AB	AB	AB
53.	Govindharajan M	E20EEL306	M	M	M	M	M
54.	Kirubakaran S	E20EEL307	K	K	K	K	K
55.	Mohammed Fazul Rahman	E20EEL308	R	R	R	R	R
56.	M.Mohamed Rias Khan	E20EEL309	X	X	X	X	X
57.	Pragadesh A	E20EEL310	A	A	A	A	A
58.	Rajesh S	E20EEL311	R	R	R	R	R
59.	V. Sriram	E20EEL312	V	V	V	V	V
60.	Sudharm A	E20EEL313	AB	AB	AB	AB	AB
61.	R.Vengatesan	E20EEL314	R	R	R	R	R
62.	Suryaprakash M	E20EEL315	M	M	M	M	M

11

63.	M.Tharun	E20EEEL316	<i>M. Tharun</i>	<i>M. Tharun</i>	<i>M. Tharun</i>	<i>M. Tharun</i>	<i>M. Tharun</i>
64.	Sudharsan, A	E20EEEL317	<i>A. Sudh</i>	<i>A. Sudh</i>	<i>A. Sudh</i>	<i>A. Sudh</i>	<i>A. Sudh</i>
65.	S. Vignesh	E20EEEL318	<i>S. Vignesh</i>	<i>S. Vignesh</i>	<i>S. Vignesh</i>	<i>S. Vignesh</i>	<i>S. Vignesh</i>
66.	Vigneshwaravelan K	E20EEEL319	<i>Vigneshwaravelan K</i>	<i>Vigneshwaravelan K</i>	<i>Vigneshwaravelan K</i>	<i>Vigneshwaravelan K</i>	<i>Vigneshwaravelan K</i>

[Signature]
Course coordinator

E.G.S PILLAY ENGINEERING COLLEGE
(Autonomous)

NAGAPATTINAM - 611002

Accredited by NAAC with 'A' Grade | Accredited by NBA (EEE, MEE) |
Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai

Department of Electrical and Electronics Engineering


Value Added Course

On

FUEL CELL

This is to certify that Mr. / Ms. I. JENISHA
..... has attended Five days Value Added Course on
FUEL CELL from 27th to 31st December 2021 at E.G.S. Pillay Engineering
College, Nagapattinam.

ATTESTED


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002
Nagapattinam (TN) Tamil Nadu


CONVENER

PRINCIPAL

Scanned with Oken Scanner

E.G.S PILLAY ENGINEERING COLLEGE (Autonomous)

NAGAPATTINAM - 611002

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Approved by AICTE - New Delhi and Affiliated to Anna University - Chennai

Department of Electrical and Electronics Engineering

Value Added Course

On

FUEL CELL



IQAC

This is to certify that Mr. / Ms. **M. GOWTHAMAN**

..... has attended Five days Value Added Course on
..... from 27th to 31st December 2021 at E.G.S. Pillay Engineering
College, Nagapattinam.

[Signature]
CONVENOR

ATTESTED
[Signature]
Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002,
Nagapattinam (Dt) Tamil Nadu.

[Signature]
PRINCIPAL

E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
VALUE ADDED COURSE ON FUEL CELL
FEEDBACK FORM

DATE: 31-12-2024

Give your feedback in 1 to 5 scale 1. Very poor 2. Poor 3. Good 4. Very good 5. Excellent

- | | | | | | |
|---|---|---|---|---|---|
| 1. How much the Course is useful for you? | 5 | 4 | 3 | 2 | 1 |
| 2. Course Content | 5 | 4 | 3 | 2 | 1 |
| 3. Interaction with students | 5 | 4 | 3 | 2 | 1 |
| 4. Content Delivery method | 5 | 4 | 3 | 2 | 1 |
| 5. Whether all your queries are answered | 5 | 4 | 3 | 2 | 1 |
| 6. How the difficult points are handled | 5 | 4 | 3 | 2 | 1 |

Any other points Understand More about

Fuel cell

M. Arun
Name of the student

M. Arun
Signature of the student

ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL

E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002
Nagapattinam (Dt) Tanj.

E.G.S.Pillay Engineering College, (Autonomous) Nagapattinam

Dept of Electrical and Electronics Engineering

INTERNAL CIRCULAR

09-12-2021

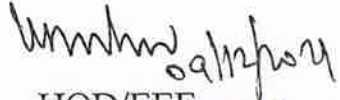
Value added course

It is informed to all third year (2019-23) students that a five day value added course on “**IOT IN ELECTRICAL ENGINEERING,**” been organized between 13-12-2021 to -17-12-2021. All the students of III year EEE are instructed to attend the course without fail.

Time: 9.15 am – 4.30 Pm

Venue: EEE Seminar hall

(Circulated to III year class)


HOD/EEE
Dr. V. MOHAN M.E., Ph.D.
PROFESSOR & HEAD
Department of Electrical & Electronics Engg.
E.G.S. Pillay Engineering College - Nagapattinam

ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 000
Nagapattinam (Dt) Tamil Nadu.

E.G.S.Pillay Engineering college,(Autonomous) Nagapattinam
Department of Electrical and Electronics Engineering
ONE WEEK VALUE ADDED COURSE

On

“IOT IN ELECTRICAL ENGINEERING ”

Attendance register

Batch: 2019 -23

Academic years: 2021-22


S. No	Name	Reg. No	13/12/21	14/12/21	15/12/21	16/12/21	17/12/21
1.	Aarthi.S	E19EER001	P	P	P	P	P
2.	Abilash.S	E19EER002	P	P	P	P	P
3.	Amos.R	E19EER004	P	P	P	-AB-	P
4.	Aravindh.M	E19EER006	P	P	P	P	P
5.	Dhivinraj.K	E19EER008	P	P	P	P	P
6.	Dinesh Kumar.R	E19EER009	P	P	P	P	P
7.	Dinesh.S	E19EER010	P	P	P	P	P
8.	Dominic Rosario.S	E19EER011	-AB-	-AB-	-AB-	-AB-	-AB-
9.	Durai Murugan.M	E19EER012	P	P	P	P	P
10.	Govindarajulu.M	E19EER013	P	P	P	P	P
11.	Jagajeevi.J	E19EER014	-AB-	-AB-	-AB-	-AB-	-AB-
12.	Janane.K.S	E19EER015	P	P	P	P	P
13.	John Milton.A	E19EER016	P	P	P	P	P
14.	Kabilan.V	E19EER017	P	P	P	P	P

ATTESTED


Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

34.	Ragunanthan G	E19EER038	P	P	P	P	P
35.	Rifath Ahamed E	E19EER040	P	P	P	P	P
36.	Rishikeshi S	E19EER041	-AB-	-AB-	-AB-	-AB-	-AB-
37.	Salman Haris A	E19EER042	P	P	P	P	P
38.	Santhosh R	E19EER043	P	P	P	P	P
39.	Saravanan P	E19EER044	P	P	P	P	P
40.	Sharmila M	E19EER045	P	P	P	P	P
41.	Sivasankar S	E19EER046	P	P	P	P	P
42.	Somnth R	E19EER047	P	P	P	P	P
43.	Sriram J	E19EER048	P	-AB-	P	P	P
44.	Suraj Singh	E19EER049	P	P	P	P	P
45.	Surendraprasad M	E19EER050	P	P	P	P	P
46.	Umamaheswari M	E19EER051	P	P	P	P	P
47.	Varatharajan J	E19EER052	-AB-	-AB-	-AB-	-AB-	-AB-
48.	Vaseem Akram Y	E19EER053	P	P	P	P	P
49.	Vignesh S	E19EER054	P	P	P	P	P
50.	Vijay K	E19EER055	P	P	P	P	P
51.	Vijaya Kumar G	E19EER056	P	P	-AB-	P	P
52.	Ahamed A	E19EEL301	P	P	P	P	P

ATTESTED


Dr. S. RAMABALAN, M.E., Ph.D.
PRINCIPAL
E.G.S. Pillay Engineering College.
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.



E.G.S PILLAY ENGINEERING COLLEGE (AUTONOMOUS)



NAGAPATTINAM - 611002

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Approved by AICTE - New Delhi and Affiliated to Anna University - Chennai

VALUE ADDED COURSE

ON

IOT IN ELECTRICAL ENGINEERING

Organized by

Department of Electrical & Electronics Engineering



Certificate



This is to certify that Mr. / Ms. / D. DINESH

of III - EEE has attended five days value added course on **IoT in Electrical Engineering** from 13-12-2021 to 17-12-2021...

COURSE COORDINATOR

ATTESTED

HEAD OF THE DEPARTMENT

Dr. S. RAMABALAN, M.E., Ph.D.,

PRINCIPAL

E.G.S. Pillay Engineering College,

Thoothukudi - 611 002.

Phone: 0471-2511111





E.G.S PILLAY ENGINEERING COLLEGE (AUTONOMOUS)



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VALUE ADDED COURSE

ON

IOT IN ELECTRICAL ENGINEERING

Organized by

Department of Electrical & Electronics Engineering



Certificate



This is to certify that Mr. / Ms. / V. KABILAN

of III - EEE has attended five days value added course on IOT in Electrical Engineering from 13-12-2021 to 17-12-2021 .

 [Signature]

COURSE COORDINATOR

 [Signature]

HEAD OF THE DEPARTMENT

ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL

E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.

Nagapattinam (Dt) Tamil Nadu



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
VALUE ADDED COURSE ON
IoT in Electrical Engineering
FEEDBACK FORM

DATE: 17/12/21

Give your feedback in 1 to 5 scale 1. Very poor 2.Poor 3.Good 4.Very good 5.Excellent

- | | | | | | |
|---|------------------------------------|------------------------------------|------------------------------------|-------------------------|-------------------------|
| 1. How much the Course is useful for you? | <input checked="" type="radio"/> 5 | <input type="radio"/> 4 | <input type="radio"/> 3 | <input type="radio"/> 2 | <input type="radio"/> 1 |
| 2. Course Content | <input checked="" type="radio"/> 5 | <input type="radio"/> 4 | <input type="radio"/> 3 | <input type="radio"/> 2 | <input type="radio"/> 1 |
| 3. Interaction with students | <input checked="" type="radio"/> 5 | <input type="radio"/> 4 | <input type="radio"/> 3 | <input type="radio"/> 2 | <input type="radio"/> 1 |
| 4. Content Delivery method | <input type="radio"/> 5 | <input checked="" type="radio"/> 4 | <input type="radio"/> 3 | <input type="radio"/> 2 | <input type="radio"/> 1 |
| 5. Whether all your queries are answered | <input type="radio"/> 5 | <input type="radio"/> 4 | <input checked="" type="radio"/> 3 | <input type="radio"/> 2 | <input type="radio"/> 1 |
| 6. How the difficult points are handled | <input type="radio"/> 5 | <input checked="" type="radio"/> 4 | <input type="radio"/> 3 | <input type="radio"/> 2 | <input type="radio"/> 1 |

Any other points *understand lot of techniques*

.....

.....

ATTESTED
[Signature]
Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

S. Aarthi
Signature of the student
S. Aarthi



E.G.S PILLAY ENGINEERING COLLEGE
(AUTONOMOUS)



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VALUE ADDED COURSE

ON

LOT IN ELECTRICAL ENGINEERING

Organized by

Department of Electrical & Electronics Engineering



Certificate

D. DINESH

This is to certify that Mr. / Ms. / _____ of III - EEE has attended five days value added course on **IoT in Electrical Engineering** from 13-12-2021 to 17-12-2021.

(Signature)

ATTESTED
(Signature)

COURSE COORDINATOR

HEAD OF THE DEPARTMENT

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL

E.G.S. Pillay Engineering College,
 Thethi, Nagore - 611 002.
 Nagapattinam (Dt) Tamil Nadu.



E.G.S PILLAY ENGINEERING COLLEGE
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VALUE ADDED COURSE

ON

IOT IN ELECTRICAL ENGINEERING

Organized by

Department of Electrical & Electronics Engineering



Certificate



This is to certify that Mr. / Ms. / V. KABILAN

of III - EEE has attended five days value added course on **IOT in Electrical Engineering** from 13-12-2021 to 17-12-2021.

[Signature]

COURSE COORDINATOR

[Signature]

ATTESTED



Dr. S. RAMABALAN, M.E., Ph.D.
PRINCIPAL

E.G.S. Pillay Engineering College
 Nagapattinam - 611 002.

HEAD OF THE DEPARTMENT

E.G.S.Pillay Engineering College, (Autonomous) Nagapattinam

Dept of Electrical and Electronics Engineering

INTERNAL CIRCULAR

02-12-2021

Value added course

It is informed to all final year (2018-22) students that a five day value added course on "POWER ELECTRONICS SIMULATION USING SciLAB," been organized between 06-12-2021 to 10-12-2021. All the students of IV year EEE are instructed to attend the course without fail.

Time: 9.15 am - 4.30 Pm

Venue: EEE Seminar hall

(Circulated to IV year class)

V. Mohan
02/12/2021

HOD/EEE

DR. V. MOHAN M.E., Ph.D.,
PROFESSOR & HEAD
Department of Electrical & Electronics Engg.
E.G.S. Pillay Engineering College - Nagapattinam.

ATTESTED

[Signature]
Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

**E.G.S. PILLAY
ENGINEERING COLLEGE
(AUTONOMOUS)**

Nagapattinam - 611 002

Affiliated to Anna University,
Chennai. Approved by AICTE, New
Delhi

ACCREDITED by NAAC With
GRADE 'A'

Department of Electrical and
Electronics Engineering
(Accredited by NBA)

**VALUE ADDED COURSE
ON
POWER ELECTRONICS SIMULATION
USING SCILAB**

Course contents

Introduction

*Electrical system
modeling*

Casual modeling

State space modeling

Computational methods & solutions

Real time programmes

ATTESTED


**Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL**

**E.G.S. Pillay Engineering College,
Tiruch. Nagore - 611 002,
Nagapattinam (Dt) Tamil Nadu.**

Course Overview

Resource Person:

Dr. T.Suresh Padmanabhan, M.E., Ph.D

Assistant Professor

Course Coordinator

Mr. D. Senthilkumar, AP/EEE

course period : 06.12.2021 to 10.12.2021

venue : EEE seminar hall

E.G.S.Pillay Engineering college,(Autonomous) Nagapattinam
Department of Electrical and Electronics Engineering
ONE WEEK VALUE ADDED COURSE

On

“POWER ELECTRONICS SIMULATION USING SciLAB ”

Attendance register for the value added course

Batch: 2018 -22

Academic years: 2021-22

S. No.	Reg. Number	Student Name	6/12	7/12	8/12	9/12	10/12
1.	E18EER001	AAKASH M	✓	✓	✓	✓	✓
2.	E18EER002	AKASH P	✓	✓	✓	✓	✓
3.	E18EER003	AKASHRAJ A	✓	✓	✓	✓	✓
4.	E18EER004	AMIRTHAVARSHINI P	✓	✓	✓	✓	✓
5.	E18EER005	ARUNKUMAR R	✓	✓	✓	✓	✓
6.	E18EER006	BALAGANESH.S	✓	✓	✓	✓	✓
7.	E18EER007	CHOZHAN M	✓	✓	✓	✓	✓
8.	E18EER008	DEEPAK T	✓	✓	✓	✓	✓
9.	E18EER009	DHARIK AHAMED S	✓	✓	✓	✓	✓
10.	E18EER010	DHEEPAK RAM R	✓	✓	✓	✓	✓
11.	E18EER011	IMRAN NAZIR N	✓	✓	✓	✓	✓
12.	E18EER012	ISHWARYA P	✓	✓	✓	✓	✓
13.	E18EER013	JAGATHEESH R	✓	✓	✓	✓	✓
14.	E18EER014	KALAIYARASAN A	✓	✓	✓	✓	✓
15.	E18EER015	KALIDOSS K	✓	✓	✓	✓	✓
16.	E18EER016	KAMALESH K	AB	AB	AB	AB	AB
17.	E18EER017	KEERTHIVASAN B	✓	✓	✓	✓	✓
18.	E18EER018	KEVIN CHRISTOPHER A	AB	AB	AB	AB	AB
19.	E18EER019	KIRUPAKARAN M	✓	✓	✓	✓	✓
20.	E18EER020	KIRUTHIGA S	✓	✓	✓	✓	✓
21.	E18EER021	KUMARAVEL M	✓	✓	✓	✓	✓
22.	E18EER022	MADESH B	✓	✓	✓	✓	✓
23.	E18EER023	MANIKANDAN G	✓	✓	✓	✓	✓
24.	E18EER024	MURUGESH KANNAN C	✓	✓	✓	✓	✓
25.	E18EER025	MUTHUDHINESH G	✓	✓	✓	✓	✓
26.	E18EER026	PREM P	✓	✓	✓	✓	✓
27.	E18EER027	PUYALARASAN R	✓	✓	✓	✓	✓
28.	E18EER028	REEHAN B	✓	✓	✓	✓	✓

ATTESTED

Dr.S.RAMABALAN, M.E., Ph.D.
PRINCIPAL

E.G.S. Pillay Engineering College,
Thiruvallur - 611 002.
Nagapattinam



E.G.S PILLAY ENGINEERING COLLEGE (AUTONOMOUS)



NAGAPATTINAM - 611002

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Approved by AICTE - New Delhi and Affiliated to Anna University - Chennai

VALUE ADDED COURSE

ON

POWER ELECTRONICS SIMULATION USING SCILAB

Organized by

Department of Electrical & Electronics Engineering



Certificate



This is to certify that Mr. / Ms. / CHOZHAN . M

of IV - YEAR has attended five days value added course on "Power Electronics simulation using scilab" from 6/12/21 to 12/12/21.....

COURSE COORDINATOR

ATTESTED

HEAD OF THE DEPARTMENT

Dr. S. RAMABALAN, M.E., Ph.D.,

PRINCIPAL

E.G.S Pillay Engineering College,
Nagore - 611 002.

Chennai - 605 006 (Dt) Tamil Nadu.



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VALUE ADDED COURSE

ON

POWER ELECTRONICS SIMULATION USING SCILAB

Organized by

Department of Electrical & Electronics Engineering



Certificate



This is to certify that Mr. / Ms. / TISHNARYA.P

of IV - YEAR has attended five days value added course on "Power Electronics simulation using scilab" from 6/12/21 to 10/12/21.

COURSE COORDINATOR

ATTESTED

HEAD OF THE DEPARTMENT

**Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL**

E.G.S. Pillay Engineering College,
Thethi Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
VALUE ADDED COURSE ON

POWER ELECTRONICS SIMULATION USING Scilab

FEEDBACK FORM

DATE:


Give your feedback in 1 to 5 scale 1. Very poor 2.Poor 3.Good 4.Very good 5.Excellent

- | | | | | | |
|---|------------------------------------|------------------------------------|-------------------------|-------------------------|-------------------------|
| 1. How much the Course is useful for you? | <input checked="" type="radio"/> 5 | <input type="radio"/> 4 | <input type="radio"/> 3 | <input type="radio"/> 2 | <input type="radio"/> 1 |
| 2. Course Content | <input type="radio"/> 5 | <input checked="" type="radio"/> 4 | <input type="radio"/> 3 | <input type="radio"/> 2 | <input type="radio"/> 1 |
| 3. Interaction with students | <input checked="" type="radio"/> 5 | <input type="radio"/> 4 | <input type="radio"/> 3 | <input type="radio"/> 2 | <input type="radio"/> 1 |
| 4. Content Delivery method | <input type="radio"/> 5 | <input checked="" type="radio"/> 4 | <input type="radio"/> 3 | <input type="radio"/> 2 | <input type="radio"/> 1 |
| 5. Whether all your queries are answered | <input type="radio"/> 5 | <input checked="" type="radio"/> 4 | <input type="radio"/> 3 | <input type="radio"/> 2 | <input type="radio"/> 1 |
| 6. How the difficult points are handled | <input checked="" type="radio"/> 5 | <input type="radio"/> 4 | <input type="radio"/> 3 | <input type="radio"/> 2 | <input type="radio"/> 1 |

Any other pointstalk about real life example
which are made for really informative
course.....

ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.


Signature of the student
P. AMIRTHAVARSHINI



**E.G.S PILLAY ENGINEERING COLLEGE
(AUTONOMOUS)**



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VALUE ADDED COURSE

ON

POWER ELECTRONICS SIMULATION USING SCILAB

Organized by

Department of Electrical & Electronics Engineering



Certificate

This is to certify that **Mr. / Ms. /** _____ **CHOZHAN, M**

of IV - YEAR has attended five days value added course on "Power Electronics simulation using scilab" from 6/12/21 to 10/12/21-----.

[Signature]

COURSE COORDINATOR

ATTESTED

[Signature]

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL

E.G.S. Pillay Engineering College,
Therikuppam, EGMORE,

Nagapattinam - 611002

[Signature]

HEAD OF THE DEPARTMENT



E.G.S PILLAY ENGINEERING COLLEGE (AUTONOMOUS)



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VALUE ADDED COURSE

ON

POWER ELECTRONICS SIMULATION USING SCIAB

Organized by

Department of Electrical & Electronics Engineering



Certificate

This is to certify that Mr. / Ms. / ISHWARYA D

of IV - YEAR has attended five days value added course on "Power Electronics simulation using scilab" from 6/12/21 to 10/12/21.....

COURSE COORDINATOR

ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.,

PRINCIPAL

E.G.S Pillay Engineering College,

Techy, Nagore - 611 002.

Nagapattinam (Dt) Tamil Nadu.

HEAD OF THE DEPARTMENT

E.G.S. PILLAY
ENGINEERING COLLEGE
(AUTONOMOUS)

Nagapattinam – 611 002

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Delhi

ACCREDITED by NAAC With
GRADE 'A'

Department of Electrical and
Electronics Engineering
(Accredited by NBA)

VALUE ADDED COURSE
ON
“ ELECTRIC VEHICLES ”

Syllabus

- Introduction to electric vehicles
- Motor specifications
- Power electronics for electric vehicles
- Energy storage systems
- Electric vehicle battery charging technologies

Course Overview

Resource Person

Mr.S.Rajkumar,

Senior Manager ,R&D

Indiguard system Pvt Ltd,

Thanjavur

Course Coordinator

MrP.J.Suresh Babu,AP/EEE

ABOUT THE INSTITUTION



E. G. S. Pillay Engineering College (Autonomous) is one of the pioneering non-grant engineering Colleges in the State. It was established by the G. S. Pillay & Sons Educational & Charitable Trust, Nagapattinam in the year 1995 with the sanction of the Government of Tamil Nadu, approval of the All-India Council for Technical Education, New Delhi and affiliated to Anna University, Chennai. The college has accredited by NAAC with 'A' Grade and all the UG programmes are accredited by NBA. The College has earned the reputation of being one of the most preferred colleges by the students and parents all these years. Known for its excellent infrastructure and facilities for learning, the outstanding non-grant engineering college has registered impressive performance consistently. A gate-way to success, the college has now set on long-range planning to enlarge and enrich its programs and activities to empower the youth who aspire to become successful Engineers, Scientists and Managers. A gate-way to success, the college has now set on long-range planning to enlarge and enrich its programs and activities to empower the youth who aspire to become successful Engineers, Scientists and Managers.

Vision

Envisioned to transform our institution into a "Global Centre of Academic Excellence"

Mission

- ✓ *To provide world class education to the students and to bring out their inherent talents*
- ✓ *To establish state-of- the-art facilities and resources required to achieve excellence in teaching - learning and supplementary processes*
- ✓ *To recruit competent faculty and staff and to provide opportunity to upgrade their knowledge and skills*
- ✓ *To have regular interaction with the industries in the area of R&D and offer consultancy, training and testing services*
- ✓ *To establish centre of excellence in the emerging areas of research*
- ✓ *To offer continuing education and non-formal vocational education programmes that are beneficial to the society*

Department Vision

The department is envisioned to produce globally competent electrical and electronics engineering

Department Mission

- ✓ To impart the contemporary knowledge in the field of electrical and electronics engineering with high human values
- ✓ To offer state -of -the -art facilities for conducive learning and conducting research
- ✓ To train the students for professional career and higher education by imparting self-learning and interpersonal skills.

Date: 20-12-2021 to 24-12-2021

(Five Days)

Time: 9.30 am to 4.30 pm

E.G.S.Pillay Engineering college,(Autonomous) Nagapattinam

Department of Electrical and Electronics Engineering

15-12-2021

Internal circular

Value added course

All the post graduate III Semester M.E –PED students are hereby informed to attend the value added course on“**ELECTRIC VEHICLES**” going to held between **20-12-2021 to 24-12-2021.**

Venue: Simulation laboratory

Time: 09.30 am -04.30 pm


Course coordinator


HOD/EEE

(copy to II year M.E class room)

E.G.S.Pillay Engineering college,(Autonomous) Nagapattinam
Department of Electrical and Electronics Engineering

List of the students registered for the

Value added course


On

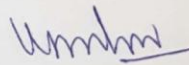
“ELECTRIC VEHICLES”

Date: 20-12-2021 to 24-12-2021

Batch: 2020-2022

S.No	Name of the student	Register number
1.	ANANTH R	E20 PEF001
2.	ANBARASAN U	E20 PEF002
3.	HARIKRISHNAN S	E20 PEF003
4.	JHAGANNATH K	E20 PEF004
5.	KALIDOSS S	E20 PEF005
6.	MARIMUTHU B	E20 PEF006
7.	RAMANAN R	E20 PEF007
8.	SAMSON EBINAZER J	E20 PEF008
9.	SIVASANGARAN R	E20 PEF009


Course coordinator


HOD/EEE



Certificate

The Consultancy Services Division of E.G.S. Pillay Engineering College (Autonomous), Certifies that Mr/Ms.....ANBARASA.N.U.....has been awarded this certificate for the successful completion of Value added course on "ELECTRIC VEHICLES" from 20-12-2021 to 24-12-2021 organized by the Department of Electrical and Electronics Engineering, E.G.S.Pillay Engineering College.

Certificate No: EGSPCS/2021EEE/TRG/01.D.O. Issue
Date: 27/12

Dr.T.Sureshpadmanabhan
Department co-ordinator

Dr.V.Mohan
HOD/EEE


Prof.M.Vijayakumar
Director Consultancy Services

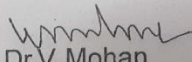



Certificate

The Consultancy Services Division of E.G.S. Pillay Engineering College (Autonomous), Certifies that Mr/Ms.....RAMANAN..R.....has been awarded this certificate for the successful completion of Value added course on "ELECTRIC VEHICLES" from 20-12-2021 to 24-12-2021 organized by the Department of Electrical and Electronics Engineering, E.G.S.Pillay Engineering College.

CertificateNo:EGSPCS/2021/EEE/TRG/01/007. Issue
Date 27/12


Dr.T.Sureshpadmanabhan
Departmentco-ordinator


Dr.V. Mohan
HOD/EEE


Prof.M.Vijayakumar
Director ConsultancyServices

E.G.S.Pillay Engineering college,(Autonomous) Nagapattinam

Department of Electrical and Electronics Engineering

Value added course

On

“ELECTRIC VEHICLES”


Date: 20-12-2021 to 24-12-2021

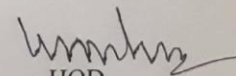
Batch: 2020-2022

Academic year: 2021-22

COURSE ATTENDENCE

S.No	Name of the student	Register number	20/12	21/12	22/12	23/12	24/12
1.	ANANTH R	E20 PEF001	Ans	Ans	A	Ans	Ans
2.	ANBARASAN U	E20 PEF002	Ans	Ans	Ans	Ans	Ans
3.	HARIKRISHNAN S	E20 PEF003	Ans	Ans	Ans	Ans	A
4.	JHAGANNATH K	E20 PEF004	Ans	Ans	Ans	Ans	Ans
5.	KALIDOSS S	E20 PEF005	A	Ans	Ans	Ans	Ans
6.	MARIMUTHU B	E20 PEF006	Ans	Ans	Ans	A	Ans
7.	RAMANAN R	E20 PEF007	Ans	Ans	Ans	Ans	Ans
8.	SAMSON EBINAZER J	E20 PEF008	Ans	Ans	Ans	Ans	Ans
9.	SIVASANGARAN R	E20 PEF009	Ans	Ans	Ans	Ans	Ans


Course coordinator


HOD

E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
VALUE ADDED COURSE ON
"ELECTRIC VEHICLES"
FEEDBACK FORM

DATE: 24-12-2021

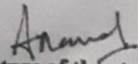
Give your feedback in 1 to 5 scale 1. Very poor 2. Poor 3. Good 4. Very good 5. Excellent

- | | | | | | |
|---|------------------------------------|------------------------------------|-------------------------|-------------------------|-------------------------|
| 1. How much the Course is useful for you? | <input checked="" type="radio"/> 5 | <input type="radio"/> 4 | <input type="radio"/> 3 | <input type="radio"/> 2 | <input type="radio"/> 1 |
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| 4. Content Delivery method | <input type="radio"/> 5 | <input checked="" type="radio"/> 4 | <input type="radio"/> 3 | <input type="radio"/> 2 | <input type="radio"/> 1 |
| 5. Whether all your queries are answered | <input type="radio"/> 5 | <input checked="" type="radio"/> 4 | <input type="radio"/> 3 | <input type="radio"/> 2 | <input type="radio"/> 1 |
| 6. How the difficult points are handled | <input checked="" type="radio"/> 5 | <input type="radio"/> 4 | <input type="radio"/> 3 | <input type="radio"/> 2 | <input type="radio"/> 1 |

(Put tick mark in the appropriate column)

Any other points

Good


Signature of the student