

A.V.C. College of Engineering
Mannampandal, Mayiladuthurai,
Department of Electrical and Electronics Engineering

Title of the Program: Grid connected electrical vehicle charging station with renewable energy system

Chief Guest details: Various NIT and IIT Faculties

Co-ordinator: Dr. A.Ragavendiran, Asst. Professor-EEE, AVCCE

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A.V.C. COLLEGE OF ENGINEERING
[Approved by AICTE, Affiliated to Anna University, Chennai]
[Re-Accredited by NAAC with 'B++' Grade (2nd cycle)]
[An ISO 9001:2015 Certified Institution]
Mannampandal, Mayiladuthurai - 609 305.



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AICTE-ISTE



Department of Electrical and Electronics Engineering
We cordially invite you for the Inaugural function of AICTE-ISTE Sponsored
Refresher Course on
"Grid Connected Electric Vehicle Charging Station with Renewable Energy Power" (23rd to 30th December 2021)
Dr. A. Sankara Subramanian
Chairman, ISTE-TN Section,
Principal, GRG Polytechnic, Coimbatore
has kindly consented to be the Chief Guest and deliver the Inaugural Address
Dr. C. Sundar Raj
Principal,
A.V.C. College of Engineering
will preside over the function
Dr. M. Senthilmurugan
Director,
A.V.C. College of Engineering
will deliver the Felicitation address

ALL ARE INVITED



Dr. A. Ragavendiran
Programme Co-ordinator

Dr. A. Ravi
Professor and Head



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Department of Electrical and Electronics Engineering

Report

Six days FDP of

*"Grid Connected Electric Vehicle Charging Station with
Renewable Energy Power"*

Under the Scheme of

AICTE-ISTE Sponsored Refresher/Induction

Held on

From 23rd December 2021 to 30th December 2021

Co-ordinator:

Dr. A. Ragavendran

Assistant Professor (Sr. Grd.)

*Department of Electrical and Electronics Engineering
A.V.C. College of Engineering Mayiladuthurai, TN, India*

One Week
AICTE - ISTE sponsored Induction /Refresher
Programme (online) on

“Grid Connected Electric Vehicle Charging Station with Renewable Energy Power”
(23rd to 30th December 2021)

About ISTE
The Indian Society for Technical Education (ISTE) is the leading National Professional non-profit making Society for the Technical Education System in our country with the motto of Career Development of Teachers and Personality Development of Students and overall development of our Technical Education System. As such sole national organisation of educators in the fields of engineering and technology, the Institution of Engineering and Technology Educators (ISTE) contributes significantly to the accomplishment of the many tasks of the Union Government. Because of its solid foundation in technical education institutions around the nation, ISTE is a formidable organization. At the national level, the International Society for Technology and Engineering has an Executive Committee. A total of more than 128500 technical teachers, 535000 student members, more than 2740 institutional members (including the IITs, the NITs, and other leading technical institutions), 1414 faculty chapters and 1505 student chapters at the national level, and 19 Sections at the state level are active members of IIT-USA. ISTE's primary goal is to provide high-quality training programmes to teachers and administrators of technical institutions, allowing them to keep their knowledge and skills up to date in their respective fields of expertise. It also seeks to assist in and contribute to the production and development of high-quality professional engineers and technicians, which are in high demand by industry and other organizations.

Registration form (Google form link):

<https://forms.gle/v6X3LcAP1JgZCm666>

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Justice K.Venkataraman,
Administrator

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Dr. C. Sundar Raj, Principal
Dr. M. Senthilmurugan, Director

ORGANIZING SECRETARY
Dr.A.Ravi, Professor and Head,
Dept. of EEE

CO-ORDINATOR
Dr. A. Ragavendiran
Assistant Professor (Sl. Grd.)
Dept. of EEE, AVCCE

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Mr. M. Alex, Asst. Prof., EEE

FOR CORRESPONDENCE CONTACT
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(Co-ordinator)
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AICTE - ISTE
Sponsored
One Week Induction /Refresher Programme
(online) on
“Grid Connected Electric Vehicle
Charging Station with Renewable
Energy Power”
23.12.2021 to 30.12.2021



Organized by
Department of Electrical and
Electronics Engineering

 **A.V.C. COLLEGE**
OF ENGINEERING
Mammampandal, Mayiladuthurai
District, Tamilnadu- 609 305.
Approved by AICTE, Affiliated to Anna University,
Re-Accredited by NAAC with 'B++' Grade (2nd Cycle),
An ISO 9001:2015 Certified Institution
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Email: ragavendirenee@avccengg.net

S.No	Name of the Participant (INITIAL AT END and ALL in CAPS)	Assessment 1		Assessment 2		Assessment 3		Assessment 4		Assessment 5		Assessment 6		Gender	Name of Institution/Organisation	Name of place (City/Town) where your institution is located	Name of the State/UT where your institution is located	Designation
		ATT	Marks (5)	ATT	Marks (5)	ATT	Marks (5)	ATT	Marks (5)	ATT	Marks (5)	ATT	Marks (50)					
1	ABINAYA SARASWATHY T	Present	4	Absent	**	Absent	**	Absent	2	Absent	2	Absent	12	FEMALE	ACHARYA COLLEGE OF ENGINEERING AND TECHNOLOGY	PUDUCHERRY	PUDUCHERRY	ASSISTANT PROFESSOR
2	AMJITH S	Present	1	Absent	**	Absent	**	Absent	0	Absent	5	Absent	22	MALE	MAHAGURU INSTITUTE OF TECHNOLOGY	KAYAMKULAM	KERALA	ASSISTANT PROFESSOR
3	AMUTHAMEENA S	Present	3	Present	4	Present	5	Present	4	Present	5	Present	48	FEMALE	KONGUNADU COLLEGE OF ENGINEERING AND TECHNOLOGY	TIRUCHIRAPPALLI	TAMILNADU	ASSISTANT PROFESSOR
4	DR. ANAKATH A S	Present	2	Present	4	Present	5	Present	5	Present	4	Present	50	MALE	E.G.S.PILLAY ENGINEERING COLLEGE, NAGAPATTINAM 611002	NAGAPATTINAM	TAMILNADU	PROFESSOR
5	ANANDARAJ R	Present	2	Absent	1	Absent	1	Absent	0	Absent	1	Absent	49	MALE	E.G.S.PILLAY ENGINEERING COLLEGE	NAGAPATTINAM	TAMIL NADU	ASSOCIATE PROFESSOR
6	ANANDAKUMAR V	Present	4	Present	5	Present	3	Present	4	Present	4	Present	46	MALE	ACHARYA COLLEGE OF ENGINEERING TECHNOLOGY	PUDUCHERRY	PUDUCHERRY	HOD
7	BALAJI D	Present	2	Present	5	Present	5	Present	5	Present	3	Present	49	MALE	MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY	PUDUCHERRY	PUDUCHERRY	ASSISTANT PROFESSOR
8	DR. BELSAM JEBA ANANTH. M	Present	3	Present	4	Present	3	Present	3	Absent	4	Present	49	MALE	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	KATTANKULATHUR CHENGALPATTU	TAMILNADU	ASSOCIATE PROFESSOR
9	BALAMURUGAN. S	Present	**	Absent	**	Absent	**	Absent	5	Absent	5	Absent	39	MALE	PKIET	KARAIKAL	PUDUCHERRY	ASSISTANT PROFESSOR
10	CHITHRADEVI SA	Present	4	Present	3	Present	4	Present	5	Present	5	Present	45	FEMALE	A. V. C. COLLEGE OF ENGINEERING	MAYILADUTHURAI	TAMILNADU	ASSOCIATE PROFESSOR

11	CHITRAVALAVAN	Present	4	Present	5	Present	5	Present	4	Present	3	Present	50	FEMALE	A.V.C COLLEGE OF ENGINEERING	MANNAMPANDAL MAYILADUTHURAI	TAMILNADU	PROFESSOR AND HEAD I/C
12	DEEPA.K	Present	3	Present	5	Present	3	Present	3	Present	5	Present	49	FEMALE	CSI COLLEGE OF ENGINEERING KETTI	OOTY	TAMIL NADU	ASSISTANT PROFESSOR
13	DR. DEVARAJAN. R	Present	3	Present	5	Present	3	Present	3	Present	5	Present	50	MALE	VINAYAKA MISSION'S KIRUPANANDA VARIYAR ENGINEERING COLLEGE	SALEM	TAMILNADU	PROFESSOR
14	GANESAN S	Present	3	Present	5	Present	5	Present	5	Present	4	Present	48	MALE	SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE	MADAGADIPET	PONDICHERRY	ASSISTANT PROFESSOR
15	GAYATHRI DEVI B	Present	3	Present	3	Present	3	Present	3	Present	3	Present	47	FEMALE	MOOKAMBIGAI COLLEGE OF ENGINEERING	PUDUKKOTTAI	TAMILNADU	ASSISTANT PROFESSOR
16	GOPI KRISHNAN R	Present	3	Present	5	Present	5	Present	5	Present	5	Present	44	MALE	A.V.C. COLLEGE OF ENGINEERING	MAYILADUTHURAI	TAMILNADU	ASSISTANT PROFESSOR
17	GUNASEKARAN S	Present	3	Present	4	Present	5	Present	3	Present	5	Present	48	MALE	COIMBATORE INSTITUTE OF TECHNOLOGY	COIMBATORE	TAMIL NADU	ASSISTANT PROFESSOR
18	KARTHIK KUMAR K	Present	3	Present	4	Present	5	Present	4	Present	5	Present	49	MALE	NATIONAL ENGINEERING COLLEGE	KOVIIPATTI	TAMILNADU	ASSISTANT PROFESSOR
19	KARTHIKEYAN M	Present	3	Present	4	Present	4	Present	4	Present	5	Present	48	MALE	COIMBATORE INSTITUTE OF TECHNOLOGY	COIMBATORE	TAMILNADU	ASSISTANT PROFESSOR
20	KAVITHA M	Present	5	Present	5	Present	5	Present	5	Present	5	Present	49	FEMALE	ACHARIYA COLLEGE OF ENGINEERING TECHNOLOGY	PUDUCHERRY	PUDUCHERRY	ASSISTANT PROFESSOR
21	KRISHNARAM K	Present	3	Present	4	Present	5	Present	5	Present	3	Present	49	MALE	E. G. S. PILLAY ENGINEERING COLLEGE	NAGAPATTINAM	TAMILNADU	ASSISTANT PROFESSOR
22	KRISHNAKUMAR V	Present	3	Present	5	Present	3	Present	4	Present	5	Present	50	MALE	ST.JOSEPH'S COLLEGE OF ENGINEERING	CHENNAI	TAMILNADU	ASSOCIATE PROFESSOR
23	LOGANATHAN P	Present	3	Present	4	Present	5	Present	5	Present	5	Present	49	MALE	VINAYAKA MISSION'S KIRUPANANDA VARIYAR ENGINEERING COLLEGE	SALEM	TAMIL NADU	ASSISTANT PROFESSOR
24	MAHENDRAVARMAN I	Present	5	Present	5	Present	5	Present	5	Present	4	Present	45	MALE	A.V.C. COLLEGE OF ENGINEERING	MAYILADUTHURAI	TAMILNADU	ASSISTANT PROFESSOR

25	MANIVANNAN P	Present	3	Present	3	Present	3	Present	3	Present	5	Present	49	MALE	BANNARI AMMAN INSTITUTE OF TECHNOLOGY	ERODE	TAMILNADU	AP
26	DR.MERCY D	Present	3	Present	5	Present	5	Present	5	Present	3	Present	50	FEMALE	ST.JOSEPH'S COLLEGE OF ENGINEERING AND TECHNOLOGY	THANJAVUR	TAMILNADU	ASSOCIATE PROFESSOR AND HEAD
27	DR.M.MUTHAMIZHSELVAM	Present	4	Present	3	Present	3	Present	3	Present	4	Present	39	MALE	ACHARIYA COLLEGE OF ENGINEERING TECHNOLOGY	PUDUCHERRY	PUDUCHERRY	ASSISTANT PROFESSOR
28	MURUGANANDHAN.D	Present	3	Present	5	Present	3	Present	3	Present	3	Present	49	MALE	MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY	PUDUCHERRY	PUDUCHERRY	ASSISTANT PROFESSOR
22	MUTHUNAGAL R	Absent	**	Absent	**	Absent	**	Absent	**	Present	2	Present	49	FEMALE	MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY	PUDUCHERRY	PUDUCHERRY	ASSISTANT PROFESSOR
30	DR.NATARAJAN.R	Present	3	Present	3	Present	4	Present	5	Present	5	Present	47	MALE	FATIMA MICHAEL COLLEGE OF ENGINEERING AND TECHNOLOGY	MADURAI	TAMIL NADU	ASST.PROFESSOR
31	NAGAMUNEESEWARAN. S	Absent	4	Present	5	Present	3	Present	3	Present	5	Present	48	MALE	FATIMA MICHAEL COLLEGE OF ENGINEERING AND TECHNOLOGY	MADURAI	TAMILNADU	ASSISTANT PROFESSOR
32	NANDA KUMAR S	Present	3	Present	4	Present	5	Present	5	Present	3	Present	48	MALE	COIMBATORE INSTITUTE OF TECHNOLOGY	COIMBATORE	TAMIL NADU	ASST.PROFESSOR
33	NATARAJA.C	Present	3	Present	3	Present	4	Present	3	Present	4	Present	48	MALE	SRI SIDDHARTHA INSTITUTE OF TECHNOLOGY	TUMKUR	KARNATAKA	ASSISTANT PROFESSOR
34	PAVITHRA S	Present	3	Present	4	Present	5	Present	3	Present	3	Present	45	FEMALE	VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY	ERODE	TAMILNADU	ASSISTANT PROFESSOR
35	DR.V.RAVI	Present	4	Present	3	Present	3	Present	5	Present	3	Present	49	MALE	K.S.R. COLLEGE OF ENGINEERING	TIRUCHENGODE	TAMIL NADU	PROFESSOR
36	RAJIVGANDHILP	Present	3	Present	3	Present	3	Present	3	Present	3	Present	46	MALE	ADHIPARASAKTHI ENGINEERING COLLEGE	MELMARUVATHUR	TAMILNADU	ASSISTANT PROFESSOR
27	RAJKUMAR S	Absent	**	Present	2	Absent	**	Absent	3	Present	5	Present	49	MALE	MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY	PUDUCHERRY	PUDUCHERRY	ASSISTANT PROFESSOR
38	N B RAJESH	Present	3	Present	3	Present	5	Present	4	Present	5	Present	43	MALE	NATIONAL ENGINEERING COLLEGE	KOVIIPATTI	TAMILNADU	ASSISTANT PROFESSOR

39	RAMAKRISHNAPRABU . G	Present	3	Present	4	Present	5	Present	5	Present	4	Present	50	MALE	VMKV ENGINEERING COLLEGE	SALEM	TAMIL NADU	ASSOCIATE PROFESSOR
40	SANTHOSH C	Present	3	Present	5	Present	5	Present	5	Present	5	Present	47	FEMALE	FATIMA MICHAEL COLLEGE OF ENGINEERING AND TECHNOLOGY	MADURAI	TAMIL NADU	ASSISTANT PROFESSOR
41	SATHISH R	Present	3	Present	5	Present	5	Present	5	Present	3	Present	49	MALE	VINAYAKA MISSION'S KIRUPANANDA VARIYAR ENGINEERING COLLEGE	SALEM	TAMILNADU	ASSISTANT PROFESSOR
42	DR SANKAR GANESH R	Present	1	Absent	**	Absent	5	Present	5	Absent	**	Present	48	MALE	K.S.R. COLLEGE OF ENGINEERING	TIRUCHENGODE	TAMILNADU	ASSOCIATE PROFESSOR
43	DR SELVAM P	Present	2	Absent	**	Absent	**	Absent	**	Present	4	Present	45	MALE	VINAYAKA MISSION'S KIRUPANANDA VARIYAR ENGINEERING COLLEGE	SALEM	TAMILNADU	PROFESSOR
44	DR. SARAVANAN V	Present	3	Present	3	Present	3	Present	3	Present	3	Present	48	MALE	ARUNAI ENGINEERING COLLEGE	TIRUVANNAMALAI	TAMIL NADU	PROFESSOR
45	DR. SEDHURAMAN. K	Present	3	Absent	**	Absent	3	Present	3	Absent	5	Present	41	MALE	MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY	PUDUCHERRY	PUDUCHERRY	ASSOCIATE PROFESSOR
46	SIVAKUMAR.K	Present	3	Present	5	Present	5	Present	4	Present	5	Present	42	MALE	ST.JOSEPH'S COLLEGE OF ENGINEERING AND TECHNOLOGY	THANJAVUR	TAMILNADU	ASSISTANT PROFESSOR
47	SIVAMANILS	Present	3	Present	3	Present	5	Present	5	Present	3	Present	47	MALE	E.G.S.PILLAY ENGINEERING COLLEGE	NAGAPATTINAM	TAMILNADU	ASSISTANT PROFESSOR
48	SIVARAJ D	Present	3	Present	4	Present	3	Present	3	Present	5	Present	50	MALE	SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE	MADAGADIPET	PUDUCHERRY	ASSISTANT PROFESSOR
49	SRIANANDA GANESH T	Present	3	Present	5	Present	4	Present	3	Present	5	Present	47	MALE	ST. JOSEPH'S COLLEGE OF ENGINEERING	CHENNAI	TAMILNADU	ASSISTANT PROFESSOR
50	SUNDARI I	Present	2	Present	4	Present	5	Present	4	Present	5	Present	47	FEMALE	RAJIV GANDHI COLLEGE OF ENGINEERING AND TECHNOLOGY	PUDUCHERRY	PUDUCHERRY	ASSISTANT PROFESSOR SL
51	SURIYAPRABHA. KA	Present	3	Present	5	Present	5	Present	5	Present	5	Present	46	FEMALE	A. V. C. COLLEGE OF ENGINEERING	MAYILADUTHURAI	TAMILNADU	ASSISTANT PROFESSOR
52	THAMARAI SELVI K.	Present	3	Present	5	Present	5	Present	5	Present	4	Present	50	FEMALE	A.V.C. COLLEGE OF ENGINEERING	MANNAMPANDAL	TAMIL NADU	ASSISTANT PROFESSOR

FDP Details

Subject: Grid Connected Electrical Vehicle Charging station with Renewable Energy power

Scheme: AICTE-ISTE Sponsored Refresher/Induction Program

Organized By : A.V.C. College of Engineering-Mayiladuthurai.

Date: From 23.12.2021 to 30.12.2021

Objectives of Program

The objective of this Program is to investigate the practical use of the electric vehicle (EV) utilising renewable energy. We'll be looking at how to best manage energy and implement complex control systems in real-world electric vehicle applications. An example of the most common ECS setup (a hybrid system architecture that incorporates REBPG, multiple ESSs, and utility grids) will be provided. When charging an electric vehicle, learn control techniques for buffering quick, fluctuating power demand.

Day – 1: 23.12.2021 & Session – 1 09.30 to 10.0am

Inauguration & Felicitation:

The programme was inaugurated in the morning on 23.12.2021. The inauguration ceremony of this FDP was Started with welcome speech, **Dr. A. Ravi** (HoD. Dept of EEE., AVCCE) and he highlighted the importance of FDP. **Dr. A. Ragavendiran** (coordinator of Programme, Dept of EEE, AVCCE) shared scheduled of six days of FDP and objectives of organizing faculty development program. Hon. Principal **Dr. C. Sundar raj** shared his views with the faculty participants that if faculty wants to develop themselves and their students, then attending such faculty development programmes would enhance their skills of teaching concepts practically. Hon Chief guest further shared that it