CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

Department of Electrical & Electronics Engineering

Value Added Courses for the Academic Year 2023-24

S.No	Name of the value added courses (with 30 or more contact hours) offered	Course Code	Number of students		Page No
			Enrolled	Completed	
1	Electrical Vehicle Technology (32 Hours)	CBIT/EEE/2324VAC-1	49	49	2-64
2	Superconducting Power Systems (31 Hours)	CBIT/EEE/2324VAC-2	66	66	65-71

HOD (EEE)

HEAD
Dept. of EEE, CBIT (A)
Gandipet, Hyderabad-75

ABOUT CBIT (AUTONOMOUS)

Chaitanya Bharathi Institute of Technology is one of the premier Engineering Colleges in the self-financing category in the state of Telangana established in the year 1979. The college offers 12 UG and 10 PG Programmes. The Institute has become Autonomous under UGC w.e.f. 2013-14. UG Programmes are accredited by NBA in the year 1998, 2004, 2008, 2013, 2017, 2022 and Five PG Programmes have been accredited by NBA in 2020. The Institute is accredited by NAAC with CGPA of 3.59 on a four-point scale at 'A++' grade in 2023 for five years. CBIT is ranked in the rank band 150-200 in Engineering Category under National Institutional Ranking Framework (NIRF), Govt. of India, MHRD. The College Campus is spread across 50 acres.

ABOUT EEE DEPARTMENT

CBIT started the Electrical & Electronics Engineering UG program in 1994 and was accredited 5 times i.e. in the years 2004, 2008, 2013, 2017 & 2021 by NBA. The intake was increased from 60 to 120 in the Academic Year 2013-14. The Department started offering a PG course in Power Systems & Power Electronics in 2006 with an intake of 18 and was accredited by NBA in the year 2016 and 2024. The department has received grants worth around ₹90 Lakhs from AICTE/MHRD under RPS, MODROBS, FDP, STTP, etc. The Department is offering consultancy services worth ₹21 Lakhs in collaboration with Foreign Universities in the domain of Renewable Energy Systems. The Department is also certified by ISO 9001:2015. The Department is recognized as Research Centre in 2017 by Osmania University to carry out research for the award of a Ph.D. degree

ABOUT THE COURSE

India is currently experiencing a significant shift towards e-mobility. With the government's support and favourable policies, the Electric Vehicle (EV) market in the country is growing rapidly. The rising demand for clean and sustainable transportation has led to a surge in EV sales. The Indian government has implemented various initiatives to promote EV manufacturing, develop charging infrastructure, and encourage research and development in the sector. To meet the increasing demand for skilled professionals in the EV industry, the "Electric Vehicle Training" has been become need of the hour. This course provides hands-on training, cutting-edge technology, and industry collaborations to equip participants with the knowledge and skills necessary to excel in the evolving EV market. By closing the skill gap and fostering innovation, the Electric Vehicle Training is playing a vital role in shaping the future of e-mobility in India.

Course Duration: "30 hours"

WHO CAN ATTEND?

- UG students, PG Students and Industry personnel

OBJECTIVES OF THE COURSE

- To provide participants with a comprehensive understanding of the technologies driving sustainable energy solutions.
- To comprehend in-depth knowledge of EV systems, proficiency in solar energy applications, and expertise in energy storage systems.
- To empower the participants to contribute actively to the clean energy transition.

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

in Association with
EV RETRON Energies India Pvt Ltd.

A Short Term Training Course
(Value added Course)

on

Electric Vehicle Technology

(Hybrid Mode)

24-04-2024 to 03-05-2024

Organizing by

Department of EEE
Chaitanya Bharathi Institute of Technology
(Autonomous)
Affiliated to Osmania University,
Accredited by NAAC A++ Grade,
Kokapet (V), Gandipet (M), Hyderabad-75,
Telangana State, India.

CHIEF PATRON
Sri. N. Subash
President, CBIT

PATRON
Prof. C. V. Narasimhulu
Principal, CBIT

CONVENER

Prof. M. Balasubba Reddy
Professor & Head, Department of EEE, CBIT

CO-ORDINATORS
Dr. T. Murali Krishna
Associate Professor, Dept. of EEE, CBIT
Dr. B. Sureh Kumar
Associate Professor, Dept. of EEE, CBIT

CO-CORDINATORS
Dr. G. Suresh Babu
Professor, Dept. of EEE, CBIT
Dr. K. Krishnaveni
Professor, Dept. of EEE, CBIT

ORGANIZING COMMITTEE
All Teaching and Non-Teaching staff of EEE Department

ADVISORY COMMITTEE

Prof. P. Ravinder Reddy, Director & Head of R&E Hub

Dr. N. Trivikrama Rao, Director-IQAC

Prof. Suresh Pabboju, Director - AEC & CoE

Prof. M. Sushanth Babu, Director - Academics

Prof. P.V.R. Ravindra Reddy, Director-SAP

Prof. A.D.Sarma, Advisor Research & Development

Prof. U. K. Choudhury, Advisor-Innovation & Incubation

Prof. P.V. Prasad, Controller of Examinations

Dr. N. L. N. Reddy, Advisor - CDC

RESOURCE PERSONS:

- Er. Deepesh Kumar Barla-Co-Founder & M.D., EVERTRON Energies PVT Ltd.
- Dr. U. K. Choudhury, Advisor, I & I, CBIT
- Dr. K. Krishnaveni, Prof., EEED, CBIT
- Dr. G. Suresh Babu, Prof. EEED, CBIT

OUTCOMES OF THIS COURSE

On Successful completion of this course, participants will be able to:

- Develop a comprehensive understanding of EV technology, solar energy systems, and energy storage, enhancing Students proficiency and upskill
- Acquire hands-on experience through practical exercises, enabling Students to incorporate real-world applications and contribute to practical skill development.
- Gain insights into environmental impacts, regulations, and industry trends, empowering students to integrate sustainability principles into their research, and fostering a more environmentally conscious community.

REGISTRATION FEE:

- ₹ 1001-/- for UG & PG students
- ₹ 2001/- for Industry personnel

For Registration & Other Details, Contact:
Dr. T. MURALI KRISHNA, Ph. No: 9866479770
Payment can be done through QR code given below

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

in Association with
EV RETRON Energies India Pvt Ltd.

A Stort Term Training Course
(Value added Course)
on

Electric Vehicle Technology
(Hybrid Mode)

24-04-2024 to 03-05-2024

Registration Form

1. Name: ……..…….....
2. Branch & Year……..…….....
3. Semester: ……..…….....
4. Address: ……..…….....

……..…….....

……..…….....

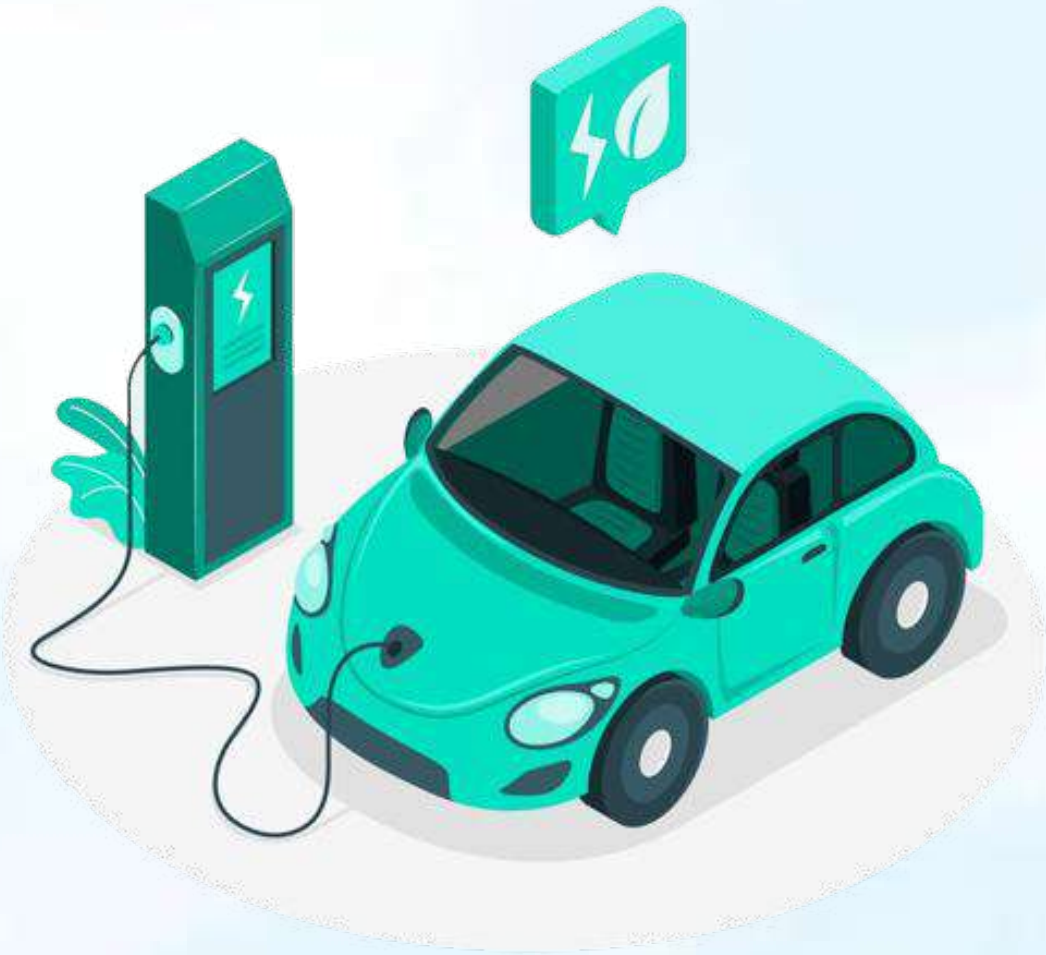
5. Mobile No. ……..…….....
6. Email ID: ……..…….....

Signature of the Participant

RETRON ENERGIES

TRAINING SESSION ON

ELECTRIC VEHICLE TECHNOLOGY



+91 93910 59446

CONTENTS

About

India is currently experiencing a significant shift towards e-mobility. With the government's support and favorable policies, the electric vehicle (EV) market in the country is growing rapidly.

The rising demand for clean and sustainable transportation has led to a surge in EV sales. The Indian government has implemented various initiatives to promote EV manufacturing, develop charging infrastructure, and encourage research and development in the sector.

To meet the increasing demand for **skilled professionals** in the EV industry, the **"Electric Vehicle Training"** has been established as a leading training hub. The laboratory provides hands-on training, cutting-edge technology, and industry collaborations to equip students with the knowledge and skills necessary to excel in the evolving EV market.

By closing the skill gap and fostering innovation, the **Electric Vehicle Training** is playing a vital role in shaping the future of e-mobility in India.

Together, let's accelerate towards a cleaner and greener transportation landscape.

Learning Objective

The Electric Vehicle (EV) and Energy Storage System course is designed to provide participants with a comprehensive understanding of the technologies driving sustainable energy solutions. By the end of the course, participants will acquire in-depth knowledge of EV systems, proficiency in solar energy applications, and expertise in energy storage systems, empowering them to contribute actively to the clean energy transition and excel in their roles within the rapidly evolving fields of electric mobility and energy storage.

Training Outcomes

Upon completing the Faculty Development Program on EV, Solar, and Energy Storage Systems, participants will:

a. **Deepen Subject Expertise**: Develop a comprehensive understanding of EV technology, solar energy systems, and energy storage, enhancing Students proficiency and upskill.

b. **Integrate Practical Skills:** Acquire hands-on experience through practical exercises, enabling Students to incorporate real-world applications and contribute to practical skill development.

c. **Promote Sustainability Education:** Gain insights into environmental impacts, regulations, and industry trends, empowering students to integrate sustainability principles into their research, and fostering a more environmentally conscious community.

Curriculum

Online Training

Day	Module	Topics	Type of Lecture
Day 1 26th April	**Introduction to Electric Vehicle & Motor Technology**		
	Module 1	Introduction to Electric Vehicle Technology 1. Introduction to Electric Vehicle 2. Types of Electric Vehicle 3. Electric Vehicle Drive train	Theoretical
	Module 2	EV Motor Technology 1. Demonstration of types of Motor 2. Working of Motor 3. Assembly and Testing of Motor	Theoretical
Day 2 27th April	**Electric Vehicle Battery Technology**		
	Module 3	Li-ion Battery Pack 1. Fundamentals of Battery Pack Considerations of Battery Pack 2. Parts of Battery Pack Manufacturing Process 3. Fundamentals of BMS (Battery management system) BMS Technology	Theoretical
	Module 4	Calculation, Simulation and Analysis 1. Pack Voltage and Current Calculation 2. Series and Parallel Battery pack configuration 3. Battery pack Thermal Simulation	Theoretical
Day 3 29th April	**Understanding Energy Storage Systems**		
	Module 5	1. Introduction to Energy Storage System 2. Types of Energy Storage System 3. Introduction and Fundamental of Battery Energy Storage System 4. Applications of ESS	Theoretical
Day 4 30th April	**Case Study**		
	Module 6	1. Case Study of PoPA Residential ESS 2. DFMEA Analysis	Theoretical
Day 5 1st May	**EV Charging Technology & Standards**		
	Module 7	EV Charging technology 1. Introduction on EV Charging technology 2. Types of EV Chargers & Connectors	Theoretical
	Module 8	EV Certifications & Standards 1. AIS 156, 038, 048 2. IEC standards	Theoretical

Curriculum

Time:

Evening 6:00 PM - 7:30 PM

Speakers:

1. Deepesh Kumar- Co-founder & MD, EV Retron Energies
2. Priyanka Kaluvala- Research Analyst, EV Retron Energies
3. Neha Nandargi- Battery Engineer, EV Retron Energies

EV Retron Energies India Pvt Ltd

THANK YOU

"Time for change.
Time for Upskill"

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Department of Electrical & Electronics Engineering

Schedule of Value Added Course on Electric Vehicle Technologies
24th April 2024 – 03rd May 2024

	06.00 PM – 8.30 PM
24-04-2024 Wednesday	Basics of AC Electric Drives by **By Dr. G. Suresh Babu, Prof. Dept. of EEE, CBIT,**
25-04-2024 Thursday	Basics of DC Electric Drives by **By Dr. K Krishnaveni, Prof. Dept. of EEE, CBIT,**
26-04-2024 Friday	Introduction to Electric Vehicle Technology, Types, Drive train & Assignment **By Deepesh Kumar, MD. EV Retron Energy India Pvt. Ltd.**
27-04-2024 Saturday	Fundamentals of Battery Pack, Considerations & Parts of Battery Pack Manufacturing Process **By Neha. Battery Engineer, EV Retron Energy India Pvt. Ltd.**
29-04-2024 Monday	Introduction to Energy Storage System, Types, Fundamentals of Battery Energy Storage **By Deepesh Kumar MD. EV Retron Energy India Pvt. Ltd.**
30-04-2024 Tuesday	EV Charging technology, Introduction on EV Charging technology Types of EV Chargers & Connector **By Neha. Battery Engineer, EV Retron Energy India Pvt. Ltd.**
01-05-2024 Wednesday	EV Certification & Standards **By Priyanka. Research Analyst, EV Retron Energy India Pvt. Ltd.**

	9.00 AM-11.00.AM	Break	11.15 AM – 1.15 PM	Lunch Break	02.00 AM – 5.00 PM
02-05-2024 Thursday	EV Emulator & Significance **By Deepesh Kumar. EV Retron Energy India Pvt. Ltd.**		Hands on EV Emulator by **By Deepesh Kumar EV Retron Energy India Pvt. Ltd.**		Hands on EV Emulator **By. Sandeep, EV Retron Energy India Pvt. Ltd.**
03-05-2024 Friday	Performance Analysis of BLDC Motor under Different Load Conditions using EV Emulator by **By Deepesh Kumar. EV Retron Energy India Pvt. Ltd.**		Performance Analysis of BLDC Motor under Different Load Conditions using EV Emulator by **By. Sandeep, EV Retron Energy India Pvt. Ltd.**		Design and connection of cells in a battery and their Charging methods **By Deepesh Kumar. EV Retron Energy India Pvt. Ltd.**

VI-SEM D1

S.No	Name	Sectior	Sem	Roll Number
1	JARATHI AKSHAYA	D1	VI	160121734008
2	Nandyala Akshaya	D1	VI	160121734011
3	S.Keerthi	D1	VI	160121734015
4	S. Yasaswini	D1	VI	160121734016
5	K V Lalith Kumar Achar	D1	VI	160121734035
6	P Vinay Kumar	D1	VI	160121734051
7	Adithya goud	D1	VI	160121734058
8	Y. Sandeep	D1	VI	160121734062
9	Sindhu vyamsani	D1	VI	160121734303
10	PITLA KARTHIKEYA	D1	VI	160121734314

VI_SEM D2

1	Aishwarya Bura	D2	VI	160121734074
2	GOPU SRUTHI	D2	VI	160121734079
3	Pravalika Kalaveni	D2	VI	160121734083
4	M Chandana	D2	VI	160121734085
5	MOTE SINDHU	D2	VI	160121734086
6	Jhansri P	D2	VI	160121734088
7	Dasari Akhil	D2	VI	160121734099
8	Gugulothu Vijay	D2	VI	160121734106
9	Muppidi Vamsi Krishna	D2	VI	160121734116
10	Solleti Rahul	D2	VI	160121734126
11	V.MARUTHI VENKATA	D2	VI	160121734132
12	K.Sriharsha Vyshnavi	D2	VI	160121734310
13	Qudsiya	D2	VI	160121734313
14	Malay Kasha	D2	VI	160120734094

IV-SEM D1

1	Kotte Haindavi Rao	D1	IV	160122734005
2	Riya kumari	D1	IV	160122734012
3	Krithisha Vuppala	D1	IV	160122734014
4	Bheema Sai Rithvik	D1	IV	160122734019
5	R Nitai charan	D1	IV	160122734047
6	TAMMANNAGARI SAI	D1	IV	160122734050
7	T.Samith	D1	IV	160122734051
8	T.Prabhas	D1	IV	160122734053
9	Veerla Supritha	D1	IV	160122734307

1	Nandini attaluri	D2	IV	160122734073
2	Lavanya Adapa	D2	IV	160122734080
3	Srujana	D2	IV	160122734082
4	Yelagandula vignasri	D2	IV	160122734089
5	Banothu Murali	D2	IV	160122734091
6	Elavala Sai Ankith Red	D2	IV	160122734096
7	G.Sairam	D2	IV	160122734097
8	Gaurav Keesari	D2	IV	160122734098
9	R. Chaitanya Charan	D2	IV	160122734109
10	Sanga Sathwik	D2	IV	160122734112

11	S.SRIKARTHIK REDD`	D2	IV	160122734114
12	S.Santhi Vardhan	D2	IV	160122734115
13	S.GURU KIRAN REDD	D2	IV	160122734118
14	Mohammad Khaja Nas	D2	IV	160122734313

ME-PSPE-II-SEM

1	Khaja inshaal ali khan	D1	IV	160123766009
2	MOHAMMAD AMAANU	D1	IV	160123766010

Department of Electrical & Electronics Engineering

Value Added Course on Electric Vehicle Technology

S.No	Name	Section	Sem	Roll Number	24-04-2024	25-04-2024	26-04-2024	27-04-2024	29-04-2024	30-04-2024	01-05-2024	02-05-2024		03-05-2024	
												FN	AN	FN	AN
1	JARATHI AKSHAYA	D1	VI	160121734008	A	A	A	A	A	A	A	A	A	A	
2	Nandyala Akshaya	D1	VI	160121734011	A	A	A	A	A	A	A	A	A	A	A
3	S.Keerthi	D1	VI	160121734015	A	A	A	A	A	A	A	A	A	A	A
4	S. Yasaswini	D1	VI	160121734016	A	A	A	A	A	A	A	A	A	A	A
5	K V Lalith Kumar Achari	D1	VI	160121734035	A	A	A	A	A	A	A	A	A	A	A
6	P Vinay Kumar	D1	VI	160121734051	A	A	A	A	A	A	A	A	A	A	A
7	Adithya goud	D1	VI	160121734058	A	A	A	A	A	A	A	A	A	A	A
8	Sindhu vyamsani	D1	VI	160121734303	A	A	A	A	A	A	A	A	A	A	A
9	PITLA KARTHIKEYA	D1	VI	160121734314	A	A	A	A	A	A	A	A	A	A	A
10	Aishwarya Bura	D2	VI	160121734074	A	A	A	A	A	A	A	A	A	A	A
11	GOPU SRUTHI	D2	VI	160121734079	A	A	A	A	A	A	A	A	A	A	A
12	Pravalika Kalaveni	D2	VI	160121734083	A	A	A	A	A	A	A	A	A	A	A
13	M.Chandana	D2	VI	160121734085	A	A	A	A	A	A	A	A	A	A	A
14	MOTE SINDHU	D2	VI	160121734086	A	A	A	A	A	A	A	A	A	A	A
15	Jhansri P	D2	VI	160121734088	A	A	A	A	A	A	A	A	A	A	A
16	Dasari Akhil	D2	VI	160121734099	A	A	A	A	A	A	A	A	A	A	A
17	Gugulothu Vijay	D2	VI	160121734106	A	A	A	A	A	A	A	A	A	A	A
18	Muppidi Vamsi Krishna	D2	VI	160121734116	A	A	A	A	A	A	A	A	A	A	A
19	Solleti Rahul	D2	VI	160121734126	A	A	A	A	A	A	A	A	A	A	A
20	V.MARUTHI VENKATA TEJA	D2	VI	160121734132	A	A	A	A	A	A	A	A	A	A	A
21	K.Sriharsha Vyshnavi	D2	VI	160121734310	A	A	A	A	A	A	A	A	A	A	A
22	Qudsiya	D2	VI	160121734313	A	A	A	A	A	A	A	A	A	A	A
23	Kotte Haindavi Rao	D1	IV	160122734005	A	A	A	A	A	A	A	A	A	A	A

Value Added Course on Electric Vehicle Technology

S.No	Name	Section	Sem	Roll Number	24-04-2024	25-04-2024	26-04-2024	27-04-2024	29-04-2024	30-04-2024	01-05-2024	02-05-2024		03-05-2024	
												FN	AN	FN	AN
24	Riya kumari	D1	IV	160122734012											
25	Krithisha Vuppala	D1	IV	160122734014											
26	Bheema Sai Rithvik	D1	IV	160122734019											
27	R Nitai charan	D1	IV	160122734047											
28	TAMMANNAGARI SAIGANESH	D1	IV	160122734050											
29	T.Samith	D1	IV	160122734051											
30	T.Prabhas	D1	IV	160122734053											
31	Veerla Supritha	D1	IV	160122734307											
32	Nandini attaluri	D2	IV	160122734073											
33	Lavanya Adapa	D2	IV	160122734080											
34	Srujana	D2	IV	160122734082											
35	Yelagandula vignasri	D2	IV	160122734089											
36	Banothu Murali	D2	IV	160122734091											
37	Elavala Sai Ankith Reddy	D2	IV	160122734096											
38	G.Sairam	D2	IV	160122734097			A	A							
39	Gaurav Keesari	D2	IV	160122734098											
40	R. Chaitanya Charan	D2	IV	160122734109											
41	Sanga Sathwik	D2	IV	160122734112								A			
42	S.SRIKARTHIK REDDY	D2	IV	160122734114											
43	S.Santhi Vardhan	D2	IV	160122734115											
44	S.GURU KIRAN REDDY	D2	IV	160122734118											
45	Mohammad Khaja Nasiruddin	D2	IV	160122734313											
46	Khaja inshaal ali khan	D1	IV	160123766009	A				A		A				
47	MOHAMMAD AMAANUDDIN	D1	IV	160123766010				A							
48	MALAY KASHA	D2	VI	160123734074			A								
49	Y. Sandeep	D1	VI	160121734062						A					

RETRON ENERGIES
Sustainable Energy Storage Solutions

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY
An Autonomous Institute I Affiliated to Osmania University
Kokāpet Village, Gandipet Mandal, Hyderabad, Telangana-500075, www.cbit.ac.in

COMMITTED TO RESEARCH, INNOVATION AND EDUCATION 45 years

Certificate of Completion

This is to certify that

Mr./Ms. JARATHI AKSHAYA bearing

Roll No.: 160123734008 has Successfully completed a Value Added course on **Electric Vehicle Technology** organized by **Department of Electrical and Electronics Engineering, CBIT (A)**, in association with **EV Retron Energies India Pvt. Ltd.** conducted during **24/04/2024** to **03/05/2024**.

Date :..03-05-2024..

Certificate ID :..REV2D240301..

EVRETRON ENERGIES
Authorized Signatory

Dr. B. Suresh Kumar	Dr. T. Murali Krishna	Prof. M. Balasubba Reddy	Prof. C. V. Narasimhulu
(Co-ordinator)	(Co-ordinator)	(HOD-EEE)	Principal - CBIT

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Kokapet Village, Gandipet Mandal, Hyderabad, Telangana-500075, www.cbit.ac.in

COMMITTED TO RESEARCH, INNOVATION AND EDUCATION 45 years

Certificate of Completion

This is to certify that

Mr./Ms. NANDYALA AKSHAYA bearing

Roll No.: 160121734011 has Successfully completed a Value Added course on **Electric Vehicle Technology** organized by **Department of Electrical and Electronics Engineering, CBIT (A)**, in association with **EV Retron Energies India Pvt. Ltd.** conducted during **24/04/2024** to **03/05/2024**.

Date :.03-05-2024.....

Certificate ID :.REV2D240302.

EVRETRON ENERGIES
Authorized Signatory

Dr. B. Suresh Kumar	Dr. T. Murali Krishna	Prof. M. Balasubba Reddy	Prof. C. V. Narasimhulu
(Co-ordinator)	(Co-ordinator)	(HOD-EEE)	Principal - CBIT

RETRON ENERGIES
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CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY
An Autonomous Institute I Affiliated to Osmania University
Kokapet Village, Gandipet Mandal, Hyderabad, Telangana-500075, www.cbit.ac.in

COMMITTED TO RESEARCH, INNOVATION AND EDUCATION 45 years

Certificate of Completion

This is to certify that

Mr./Ms. S. KEERTHI bearing

Roll No.: 160121734015 has Successfully completed a Value Added course on **Electric Vehicle Technology** organized by **Department of Electrical and Electronics Engineering, CBIT (A)**, in association with **EV Retron Energies India Pvt. Ltd.** conducted during **24/04/2024** to **03/05/2024**.

Date :..03-05-2024....

Certificate ID :..REV2D240303..

RETRON ENERGIES INDIA PVT. LTD. Hyd

EVRETRON ENERGIES
Authorized Signatory

Dr. B. Suresh Kumar	Dr. T. Murali Krishna	Prof. M. Balasubba Reddy	Prof. C. V. Narasimhulu
(Co-ordinator)	(Co-ordinator)	(HOD-EEE)	Principal - CBIT

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Sustainable Energy Storage Solutions

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Kokapet Village, Gandipet Mandal, Hyderabad, Telangana-500075, www.cbit.ac.in

COMMITTED TO RESEARCH, INNOVATION AND EDUCATION 45 years

Certificate of Completion

This is to certify that

Mr./Ms. S.YASASWINI bearing

Roll No.: 160121734016 has Successfully completed a Value Added course on **Electric Vehicle Technology** organized by **Department of Electrical and Electronics Engineering, CBIT (A)**, in association with **EV Retron Energies India Pvt. Ltd.** conducted during **24/04/2024** to **03/05/2024**.

Date :.03-05-2024.....

Certificate ID :.REV2D240304

EVRETRON ENERGIES
Authorized Signatory

Dr. B. Suresh Kumar	Dr. T. Murali Krishna	Prof. M. Balasubba Reddy	Prof. C. V. Narasimhulu
(Co-ordinator)	(Co-ordinator)	(HOD-EEE)	Principal - CBIT

RETRON ENERGIES
Sustainable Energy Storage Solutions

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Kokāpet Village, Gandipet Mandal, Hyderabad, Telangana-500075, www.cbit.ac.in

COMMITTED TO RESEARCH, INNOVATION AND EDUCATION 45 years

Certificate of Completion

This is to certify that

Mr./Ms. K·V· LALITH KUMAR ACHARI bearing

Roll No.: 160121734035 has Successfully completed a Value Added course on **Electric Vehicle Technology** organized by **Department of Electrical and Electronics Engineering, CBIT (A)**, in association with **EV Retron Energies India Pvt. Ltd.** conducted during **24/04/2024** to **03/05/2024**.

Date : 03-05-2024

Certificate ID : REV2D240305

EVRETRON ENERGIES
Authorized Signatory

Dr. B. Suresh Kumar	Dr. T. Murali Krishna	Prof. M. Balasubba Reddy	Prof. C. V. Narasimhulu
(Co-ordinator)	(Co-ordinator)	(HOD-EEE)	Principal - CBIT

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Certificate of Completion

This is to certify that

Mr./Ms. P. VINAY KUMAR bearing

Roll No.: 160121734051 has Successfully completed a Value Added course on **Electric Vehicle Technology** organized by **Department of Electrical and Electronics Engineering, CBIT (A)**, in association with **EV Retron Energies India Pvt. Ltd.** conducted during **24/04/2024** to **03/05/2024**.

Date :.03-05-2024...

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Dr. B. Suresh Kumar	Dr. T. Murali Krishna	Prof. M. Balasubba Reddy	Prof. C. V. Narasimhulu
(Co-ordinator)	(Co-ordinator)	(HOD-EEE)	Principal - CBIT

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This is to certify that

Mr./Ms. ADITHYA GOUD bearing

Roll No.: 160121734058 has Successfully completed a Value Added course on **Electric Vehicle Technology** organized by **Department of Electrical and Electronics Engineering, CBIT (A)**, in association with **EV Retron Energies India Pvt. Ltd.** conducted during **24/04/2024** to **03/05/2024**.

Date :03-05-2024

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Dr. B. Suresh Kumar	Dr. T. Murali Krishna	Prof. M. Balasubba Reddy	Prof. C. V. Narasimhulu
(Co-ordinator)	(Co-ordinator)	(HOD-EEE)	Principal - CBIT

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This is to certify that

Mr./Ms. SINDHU VYAMSANI bearing

Roll No.: 160122734303 has Successfully completed a Value Added course on **Electric Vehicle Technology** organized by **Department of Electrical and Electronics Engineering, CBIT (A)**, in association with **EV Retron Energies India Pvt. Ltd.** conducted during **24/04/2024** to **03/05/2024**.

Date : 03-05-2024

Certificate ID : REV2D240308

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Authorized Signatory

Dr. B. Suresh Kumar	Dr. T. Murali Krishna	Prof. M. Balasubba Reddy	Prof. C. V. Narasimhulu
(Co-ordinator)	(Co-ordinator)	(HOD-EEE)	Principal - CBIT

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This is to certify that

Mr./Ms. PITLA KARTHIKEYA bearing

Roll No.: 160121734314 has Successfully completed a Value Added course on **Electric Vehicle Technology** organized by **Department of Electrical and Electronics Engineering, CBIT (A)**, in association with **EV Retron Energies India Pvt. Ltd.** conducted during **24/04/2024** to **03/05/2024**.

Date :03-05-2024

Certificate ID :REV2D240309

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Authorized Signatory

Dr. B. Suresh Kumar	Dr. T. Murali Krishna	Prof. M. Balasubba Reddy	Prof. C. V. Narasimhulu
(Co-ordinator)	(Co-ordinator)	(HOD-EEE)	Principal - CBIT

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This is to certify that

Mr./Ms. AISHWARYA BURA bearing

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Date : 03-05-2024

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Dr. B. Suresh Kumar	Dr. T. Murali Krishna	Prof. M. Balasubba Reddy	Prof. C. V. Narasimhulu
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Date : 03-05-2024

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Dr. B. Suresh Kumar	Dr. T. Murali Krishna	Prof. M. Balasubba Reddy	Prof. C. V. Narasimhulu
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This is to certify that

Mr./Ms. PRAVALIKA KALAVENI bearing

Roll No.: 160121734083 has Successfully completed a Value Added course on **Electric Vehicle Technology** organized by **Department of Electrical and Electronics Engineering, CBIT (A)**, in association with **EV Retron Energies India Pvt. Ltd.** conducted during **24/04/2024** to **03/05/2024**.

Date : 03-05-2024

Certificate ID : REV2D240312

EVRETRON ENERGIES
Authorized Signatory

Dr. B. Suresh Kumar	Dr. T. Murali Krishna	Prof. M. Balasubba Reddy	Prof. C. V. Narasimhulu
(Co-ordinator)	(Co-ordinator)	(HOD-EEE)	Principal - CBIT

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This is to certify that

Mr./Ms. M. CHANDANA bearing

Roll No.: 160121734085 has Successfully completed a Value Added course on **Electric Vehicle Technology** organized by **Department of Electrical and Electronics Engineering, CBIT (A)**, in association with **EV Retron Energies India Pvt. Ltd.** conducted during **24/04/2024** to **03/05/2024**.

Date :.03-05-2024.....

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Dr. B. Suresh Kumar	Dr. T. Murali Krishna	Prof. M. Balasubba Reddy	Prof. C. V. Narasimhulu
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This is to certify that

Mr./Ms. MOTE SINDHU bearing

Roll No.: 160121734086 has Successfully completed a Value Added course on **Electric Vehicle Technology** organized by **Department of Electrical and Electronics Engineering, CBIT (A)**, in association with **EV Retron Energies India Pvt. Ltd.** conducted during **24/04/2024** to **03/05/2024**.

Date :..03-05-2024..

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Dr. B. Suresh Kumar	Dr. T. Murali Krishna	Prof. M. Balasubba Reddy	Prof. C. V. Narasimhulu
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This is to certify that

Mr./Ms. JHANSRI . P bearing

Roll No.: 160121734088 has Successfully completed a Value Added course on **Electric Vehicle Technology** organized by **Department of Electrical and Electronics Engineering, CBIT (A)**, in association with **EV Retron Energies India Pvt. Ltd.** conducted during **24/04/2024** to **03/05/2024**.

Date : 03-05-2024

Certificate ID : REV2D240315

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Dr. B. Suresh Kumar	Dr. T. Murali Krishna	Prof. M. Balasubba Reddy	Prof. C. V. Narasimhulu
(Co-ordinator)	(Co-ordinator)	(HOD-EEE)	Principal - CBIT

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This is to certify that

Mr./Ms. DASARI AKHIL bearing

Roll No.: 160121734099 has Successfully completed a Value Added course on **Electric Vehicle Technology** organized by **Department of Electrical and Electronics Engineering, CBIT (A)**, in association with **EV Retron Energies India Pvt. Ltd.** conducted during **24/04/2024** to **03/05/2024**.

Date : 03-05-2024

Certificate ID : REV2D240316

EVRETRON ENERGIES
Authorized Signatory

Dr. B. Suresh Kumar	Dr. T. Murali Krishna	Prof. M. Balasubba Reddy	Prof. C. V. Narasimhulu
(Co-ordinator)	(Co-ordinator)	(HOD-EEE)	Principal - CBIT

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This is to certify that

Mr./Ms. GUGULOTHU VIJAY bearing

Roll No.: 160121734106 has Successfully completed a Value Added course on **Electric Vehicle Technology** organized by **Department of Electrical and Electronics Engineering, CBIT (A)**, in association with **EV Retron Energies India Pvt. Ltd.** conducted during **24/04/2024** to **03/05/2024**.

Date : 03-05-2024

Certificate ID : REV2D240317

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Authorized Signatory

Dr. B. Suresh Kumar	Dr. T. Murali Krishna	Prof. M. Balasubba Reddy	Prof. C. V. Narasimhulu
(Co-ordinator)	(Co-ordinator)	(HOD-EEE)	Principal - CBIT

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This is to certify that

Mr./Ms. MUPPIDI VAMSI KRISHNA bearing

Roll No.: 160121734116 has Successfully completed a Value Added course on **Electric Vehicle Technology** organized by **Department of Electrical and Electronics Engineering, CBIT (A)**, in association with **EV Retron Energies India Pvt. Ltd.** conducted during **24/04/2024** to **03/05/2024**.

Date :03-05-2024

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Dr. B. Suresh Kumar	Dr. T. Murali Krishna	Prof. M. Balasubba Reddy	Prof. C. V. Narasimhulu
(Co-ordinator)	(Co-ordinator)	(HOD-EEE)	Principal - CBIT

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Certificate of Completion

This is to certify that

Mr./Ms. SOLLETI RAHUL bearing

Roll No.: 160121734126 has Successfully completed a Value Added course on **Electric Vehicle Technology** organized by **Department of Electrical and Electronics Engineering, CBIT (A)**, in association with **EV Retron Energies India Pvt. Ltd.** conducted during **24/04/2024** to **03/05/2024**.

Date : 03-05-2024

Certificate ID : REV2D240319

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(Co-ordinator)	(Co-ordinator)	(HOD-EEE)	Principal - CBIT

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This is to certify that

Mr./Ms. V. MARUTHI VENKATA TEJA bearing

Roll No.: 160121734132 has Successfully completed a Value Added course on **Electric Vehicle Technology** organized by **Department of Electrical and Electronics Engineering, CBIT (A)**, in association with **EV Retron Energies India Pvt. Ltd.** conducted during **24/04/2024** to **03/05/2024**.

Date : 03-05-2024

Certificate ID : REV2D240320

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Dr. B. Suresh Kumar	Dr. T. Murali Krishna	Prof. M. Balasubba Reddy	Prof. C. V. Narasimhulu
(Co-ordinator)	(Co-ordinator)	(HOD-EEE)	Principal - CBIT

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Mr./Ms. K. SRIHARSHA VYSHNAVI bearing

Roll No.: 160121734310 has Successfully completed a Value Added course on **Electric Vehicle Technology** organized by **Department of Electrical and Electronics Engineering, CBIT (A)**, in association with **EV Retron Energies India Pvt. Ltd.** conducted during **24/04/2024** to **03/05/2024**.

Date : 03-05-2024

Certificate ID : REV2D240321

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Dr. B. Suresh Kumar	Dr. T. Murali Krishna	Prof. M. Balasubba Reddy	Prof. C. V. Narasimhulu
(Co-ordinator)	(Co-ordinator)	(HOD-EEE)	Principal - CBIT

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This is to certify that

Mr./Ms. QUDSIYA bearing

Roll No.: 160121734313 has Successfully completed a Value Added course on **Electric Vehicle Technology** organized by **Department of Electrical and Electronics Engineering, CBIT (A)**, in association with **EV Retron Energies India Pvt. Ltd.** conducted during **24/04/2024** to **03/05/2024**.

Date : 03-05-2024

Certificate ID : REV2D240322

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Dr. B. Suresh Kumar	Dr. T. Murali Krishna	Prof. M. Balasubba Reddy	Prof. C. V. Narasimhulu
(Co-ordinator)	(Co-ordinator)	(HOD-EEE)	Principal - CBIT

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Certificate of Completion

This is to certify that

Mr./Ms. KOTTE HAINDAVI RAO bearing

Roll No.: 160122734005 has Successfully completed a Value Added course on **Electric Vehicle Technology** organized by **Department of Electrical and Electronics Engineering, CBIT (A)**, in association with **EV Retron Energies India Pvt. Ltd.** conducted during **24/04/2024** to **03/05/2024**.

Date : 03-05-2024

Certificate ID : REV2D240323

EVRETRON ENERGIES
Authorized Signatory

Dr. B. Suresh Kumar	Dr. T. Murali Krishna	Prof. M. Balasubba Reddy	Prof. C. V. Narasimhulu
(Co-ordinator)	(Co-ordinator)	(HOD-EEE)	Principal - CBIT

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Certificate of Completion

This is to certify that

Mr./Ms. RIYA KUMARI bearing

Roll No.: 160122734012 has Successfully completed a Value Added course on **Electric Vehicle Technology** organized by **Department of Electrical and Electronics Engineering, CBIT (A)**, in association with **EV Retron Energies India Pvt. Ltd.** conducted during **24/04/2024** to **03/05/2024**.

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Certificate ID : REV2D240324

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Authorized Signatory

Dr. B. Suresh Kumar	Dr. T. Murali Krishna	Prof. M. Balasubba Reddy	Prof. C. V. Narasimhulu
(Co-ordinator)	(Co-ordinator)	(HOD-EEE)	Principal - CBIT

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Mr./Ms. KRITHISHA VUPPALA bearing

Roll No.: 160122734014 has Successfully completed a Value Added course on **Electric Vehicle Technology** organized by **Department of Electrical and Electronics Engineering, CBIT (A)**, in association with **EV Retron Energies India Pvt. Ltd.** conducted during **24/04/2024** to **03/05/2024**.

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Authorized Signatory

Dr. B. Suresh Kumar	Dr. T. Murali Krishna	Prof. M. Balasubba Reddy	Prof. C. V. Narasimhulu
(Co-ordinator)	(Co-ordinator)	(HOD-EEE)	Principal - CBIT

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This is to certify that

Mr./Ms. BHEEMA SAI RITHVIK bearing

Roll No.: 160122734019 has Successfully completed a Value Added course on **Electric Vehicle Technology** organized by **Department of Electrical and Electronics Engineering, CBIT (A)**, in association with **EV Retron Energies India Pvt. Ltd.** conducted during **24/04/2024** to **03/05/2024**.

Date :03-05-2024

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Dr. B. Suresh Kumar	Dr. T. Murali Krishna	Prof. M. Balasubba Reddy	Prof. C. V. Narasimhulu
(Co-ordinator)	(Co-ordinator)	(HOD-EEE)	Principal - CBIT

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This is to certify that

Mr./Ms. R. NITHAI CHARAN bearing

Roll No.: 160122734047 has Successfully completed a Value Added course on **Electric Vehicle Technology** organized by **Department of Electrical and Electronics Engineering, CBIT (A)**, in association with **EV Retron Energies India Pvt. Ltd.** conducted during **24/04/2024** to **03/05/2024**.

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This is to certify that

Mr./Ms. TAMANNAGARI SAI GANESH bearing

Roll No.: 160122734050 has Successfully completed a Value Added course on **Electric Vehicle Technology** organized by **Department of Electrical and Electronics Engineering, CBIT (A)**, in association with **EV Retron Energies India Pvt. Ltd.** conducted during **24/04/2024** to **03/05/2024**.

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Mr./Ms. T. SAMITH bearing

Roll No.: 160122734051 has Successfully completed a Value Added course on **Electric Vehicle Technology** organized by **Department of Electrical and Electronics Engineering, CBIT (A)**, in association with **EV Retron Energies India Pvt. Ltd.** conducted during **24/04/2024** to **03/05/2024**.

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(Co-ordinator)	(Co-ordinator)	(HOD-EEE)	Principal - CBIT

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This is to certify that

Mr./Ms. T. PRABHAS bearing

Roll No.: 160122734053 has Successfully completed a Value Added course on **Electric Vehicle Technology** organized by **Department of Electrical and Electronics Engineering, CBIT (A)**, in association with **EV Retron Energies India Pvt. Ltd.** conducted during **24/04/2024** to **03/05/2024**.

Date : 03-05-2024

Certificate ID : REV2D240330

EVRETRON ENERGIES
Authorized Signatory

Dr. B. Suresh Kumar	Dr. T. Murali Krishna	Prof. M. Balasubba Reddy	Prof. C. V. Narasimhulu
(Co-ordinator)	(Co-ordinator)	(HOD-EEE)	Principal - CBIT

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Certificate of Completion

This is to certify that

Mr./Ms. VEERLA SUPRITHA bearing

Roll No.: 160122734307 has Successfully completed a Value Added course on **Electric Vehicle Technology** organized by **Department of Electrical and Electronics Engineering, CBIT (A)**, in association with **EV Retron Energies India Pvt. Ltd.** conducted during **24/04/2024** to **03/05/2024.**

Date :.03-05-2024.....

Certificate ID :.REV2D240331..

RETRON ENERGIES INDIA P LTD Hyd
EVRETRON ENERGIES
Authorized Signatory

Dr. B. Suresh Kumar	Dr. T. Murali Krishna	Prof. M. Balasubba Reddy	Prof. C. V. Narasimhulu
(Co-ordinator)	(Co-ordinator)	(HOD-EEE)	Principal - CBIT

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COMMITTED TO RESEARCH, INNOVATION AND EDUCATION 45 years

Certificate of Completion

This is to certify that

Mr./Ms. NANDINI ATTALURI bearing

Roll No.: 160122734073 has Successfully completed a Value Added course on **Electric Vehicle Technology** organized by **Department of Electrical and Electronics Engineering, CBIT (A)**, in association with **EV Retron Energies India Pvt. Ltd.** conducted during **24/04/2024** to **03/05/2024**.

Date : 03-05-2024

Certificate ID : REV2D240332

RETRON ENERGIES INDIA PVT. LTD. Hyd

EVRETRON ENERGIES
Authorized Signatory

Dr. B. Suresh Kumar	Dr. T. Murali Krishna	Prof. M. Balasubba Reddy	Prof. C. V. Narasimhulu
(Co-ordinator)	(Co-ordinator)	(HOD-EEE)	Principal - CBIT

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COMMITTED TO RESEARCH, INNOVATION AND EDUCATION 45 years

Certificate of Completion

This is to certify that

Mr./Ms. LAVANYA ADAPA bearing

Roll No.: 160122734080 has Successfully completed a Value Added course on **Electric Vehicle Technology** organized by **Department of Electrical and Electronics Engineering, CBIT (A)**, in association with **EV Retron Energies India Pvt. Ltd.** conducted during **24/04/2024** to **03/05/2024**.

Date :.03-05-2024.....

Certificate ID :.REV2D240333.

RETRON ENERGIES INDIA Pvt. Ltd. Hyd

EVRETRON ENERGIES
Authorized Signatory

Dr. B. Suresh Kumar	Dr. T. Murali Krishna	Prof. M. Balasubba Reddy	Prof. C. V. Narasimhulu
(Co-ordinator)	(Co-ordinator)	(HOD-EEE)	Principal - CBIT

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COMMITTED TO RESEARCH, INNOVATION AND EDUCATION 45 years

Certificate of Completion

This is to certify that

Mr./Ms. SRUJANA bearing

Roll No.: 160122734082 has Successfully completed a Value Added course on **Electric Vehicle Technology** organized by **Department of Electrical and Electronics Engineering, CBIT (A)**, in association with **EV Retron Energies India Pvt. Ltd.** conducted during **24/04/2024** to **03/05/2024**.

Date : 03-05-2024

Certificate ID : REV2D240334

EVRETRON ENERGIES
Authorized Signatory

Dr. B. Suresh Kumar	Dr. T. Murali Krishna	Prof. M. Balasubba Reddy	Prof. C. V. Narasimhulu
(Co-ordinator)	(Co-ordinator)	(HOD-EEE)	Principal - CBIT

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COMMITTED TO RESEARCH, INNOVATION AND EDUCATION 45 years

Certificate of Completion

This is to certify that

Mr./Ms. YELAGANDULA VIGNASRI bearing

Roll No.: 160122734089 has Successfully completed a Value Added course on **Electric Vehicle Technology** organized by **Department of Electrical and Electronics Engineering, CBIT (A)**, in association with **EV Retron Energies India Pvt. Ltd.** conducted during **24/04/2024** to **03/05/2024**.

Date :.03-05-2024.

Certificate ID :.REV2D240335

Hyd
EVRETRON ENERGIES
Authorized Signatory

Dr. B. Suresh Kumar	Dr. T. Murali Krishna	Prof. M. Balasubba Reddy	Prof. C. V. Narasimhulu
(Co-ordinator)	(Co-ordinator)	(HOD-EEE)	Principal - CBIT

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COMMITTED TO RESEARCH, INNOVATION AND EDUCATION 45 years

Certificate of Completion

This is to certify that

Mr./Ms. BANOTHU MURALI bearing

Roll No.: 160122734091 has Successfully completed a Value Added course on **Electric Vehicle Technology** organized by **Department of Electrical and Electronics Engineering, CBIT (A)**, in association with **EV Retron Energies India Pvt. Ltd.** conducted during **24/04/2024** to **03/05/2024**.

Date : 03-05-2024

Certificate ID : REV2D240336

EVRETRON ENERGIES
Authorized Signatory

Dr. B. Suresh Kumar	Dr. T. Murali Krishna	Prof. M. Balasubba Reddy	Prof. C. V. Narasimhulu
(Co-ordinator)	(Co-ordinator)	(HOD-EEE)	Principal - CBIT

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COMMITTED TO RESEARCH, INNOVATION AND EDUCATION 45 years

Certificate of Completion

This is to certify that

Mr./Ms. ELAVALA SAI ANKITH REDDY bearing

Roll No.: 160122734096 has Successfully completed a Value Added course on **Electric Vehicle Technology** organized by **Department of Electrical and Electronics Engineering, CBIT (A)**, in association with **EV Retron Energies India Pvt. Ltd.** conducted during **24/04/2024** to **03/05/2024**.

Date :..03-05-2024....

Certificate ID :..REV2D240337....

EVRETRON ENERGIES
Authorized Signatory

Dr. B. Suresh Kumar	Dr. T. Murali Krishna	Prof. M. Balasubba Reddy	Prof. C. V. Narasimhulu
(Co-ordinator)	(Co-ordinator)	(HOD-EEE)	Principal - CBIT

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COMMITTED TO RESEARCH, INNOVATION AND EDUCATION 45 years

Certificate of Completion

This is to certify that

Mr./Ms. R. CHAITANYA CHARAN bearing

Roll No.: 160122734109 has Successfully completed a Value Added course on **Electric Vehicle Technology** organized by **Department of Electrical and Electronics Engineering, CBIT (A)**, in association with **EV Retron Energies India Pvt. Ltd.** conducted during **24/04/2024** to **03/05/2024**.

Date : 03-05-2024

Certificate ID : REV2D240340

EVRETRON ENERGIES
Authorized Signatory

Dr. B. Suresh Kumar	Dr. T. Murali Krishna	Prof. M. Balasubba Reddy	Prof. C. V. Narasimhulu
(Co-ordinator)	(Co-ordinator)	(HOD-EEE)	Principal - CBIT

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COMMITTED TO RESEARCH, INNOVATION AND EDUCATION 45 years

Certificate of Completion

This is to certify that

Mr./Ms. G. SAIRAM bearing

Roll No.: 160122734097 has Successfully completed a Value Added course on **Electric Vehicle Technology** organized by **Department of Electrical and Electronics Engineering, CBIT (A)**, in association with **EV Retron Energies India Pvt. Ltd.** conducted during **24/04/2024** to **03/05/2024**.

Date : 03-05-2024

Certificate ID : REV2D240338

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Dr. B. Suresh Kumar	Dr. T. Murali Krishna	Prof. M. Balasubba Reddy	Prof. C. V. Narasimhulu
(Co-ordinator)	(Co-ordinator)	(HOD-EEE)	Principal - CBIT

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COMMITTED TO RESEARCH, INNOVATION AND EDUCATION 45 years

Certificate of Completion

This is to certify that

Mr./Ms. GAURAV KEESARI bearing

Roll No.: 160122734098 has Successfully completed a Value Added course on **Electric Vehicle Technology** organized by **Department of Electrical and Electronics Engineering, CBIT (A)**, in association with **EV Retron Energies India Pvt. Ltd.** conducted during **24/04/2024** to **03/05/2024**.

Date : 03-05-2024

Certificate ID : REV2D240339

Hyd
EVRETRON ENERGIES
Authorized Signatory

Dr. B. Suresh Kumar	Dr. T. Murali Krishna	Prof. M. Balasubba Reddy	Prof. C. V. Narasimhulu
(Co-ordinator)	(Co-ordinator)	(HOD-EEE)	Principal - CBIT

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COMMITTED TO RESEARCH, INNOVATION AND EDUCATION 45 years

Certificate of Completion

This is to certify that

Mr./Ms. SANGA SATHWIK bearing

Roll No.: 160122734112 has Successfully completed a Value Added course on **Electric Vehicle Technology** organized by **Department of Electrical and Electronics Engineering, CBIT (A)**, in association with **EV Retron Energies India Pvt. Ltd.** conducted during **24/04/2024** to **03/05/2024**.

Date : 03-05-2024

Certificate ID : REV2D240341

RETRON ENERGIES INDIA PVT. LTD. Hyd

EVRETRON ENERGIES
Authorized Signatory

Dr. B. Suresh Kumar	Dr. T. Murali Krishna	Prof. M. Balasubba Reddy	Prof. C. V. Narasimhulu
(Co-ordinator)	(Co-ordinator)	(HOD-EEE)	Principal - CBIT

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COMMITTED TO RESEARCH, INNOVATION AND EDUCATION 45 years

Certificate of Completion

This is to certify that

Mr./Ms. S. SRIHARTHIK REDDY bearing

Roll No.: 160122734114 has Successfully completed a Value Added course on **Electric Vehicle Technology** organized by **Department of Electrical and Electronics Engineering, CBIT (A)**, in association with **EV Retron Energies India Pvt. Ltd.** conducted during **24/04/2024** to **03/05/2024**.

Date :...03-05-2024...

Certificate ID :...REV2D240342

EVRETRON ENERGIES
Authorized Signatory

Dr. B. Suresh Kumar	Dr. T. Murali Krishna	Prof. M. Balasubba Reddy	Prof. C. V. Narasimhulu
(Co-ordinator)	(Co-ordinator)	(HOD-EEE)	Principal - CBIT

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COMMITTED TO RESEARCH, INNOVATION AND EDUCATION 45 years

Certificate of Completion

This is to certify that

Mr./Ms. S. SANTHI VARDHAN bearing

Roll No.: 160122734115 has Successfully completed a Value Added course on **Electric Vehicle Technology** organized by **Department of Electrical and Electronics Engineering, CBIT (A)**, in association with **EV Retron Energies India Pvt. Ltd.** conducted during **24/04/2024** to **03/05/2024**.

Date :.03-05-2024.

Certificate ID :.REV2D2403.43.

Hyd
EVRETRON ENERGIES
Authorized Signatory

Dr. B. Suresh Kumar	Dr. T. Murali Krishna	Prof. M. Balasubba Reddy	Prof. C. V. Narasimhulu
(Co-ordinator)	(Co-ordinator)	(HOD-EEE)	Principal - CBIT

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COMMITTED TO RESEARCH, INNOVATION AND EDUCATION 45 years

Certificate of Completion

This is to certify that

Mr./Ms. S. GURU KIRAN REDDY bearing

Roll No.: 160122734118 has Successfully completed a Value Added course on **Electric Vehicle Technology** organized by **Department of Electrical and Electronics Engineering, CBIT (A)**, in association with **EV Retron Energies India Pvt. Ltd.** conducted during **24/04/2024** to **03/05/2024**.

Date :.03-05-2024.

Certificate ID :.REV2D24034A.

Hyd
EVRETRON ENERGIES
Authorized Signatory

Dr. B. Suresh Kumar	Dr. T. Murali Krishna	Prof. M. Balasubba Reddy	Prof. C. V. Narasimhulu
(Co-ordinator)	(Co-ordinator)	(HOD-EEE)	Principal - CBIT

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COMMITTED TO RESEARCH, INNOVATION AND EDUCATION 45 years

Certificate of Completion

This is to certify that

Mr./Ms. MOHAMMAD KHAJA NASIRUDDIN bearing

Roll No.: 160122734313 has Successfully completed a Value Added course on **Electric Vehicle Technology** organized by **Department of Electrical and Electronics Engineering, CBIT (A)**, in association with **EV Retron Energies India Pvt. Ltd.** conducted during **24/04/2024** to **03/05/2024**.

Date :03-05-2024

Certificate ID :REV2D240345

RETRON ENERGIES INDIA PVT. LTD. Hyd

EVRETRON ENERGIES
Authorized Signatory

Dr. B. Suresh Kumar	Dr. T. Murali Krishna	Prof. M. Balasubba Reddy	Prof. C. V. Narasimhulu
(Co-ordinator)	(Co-ordinator)	(HOD-EEE)	Principal - CBIT

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COMMITTED TO RESEARCH, INNOVATION AND EDUCATION 45 years

Certificate of Completion

This is to certify that

Mr./Ms. KHAJA INSHAAL ALI KHAN bearing

Roll No.: 160123766009 has Successfully completed a Value Added course on **Electric Vehicle Technology** organized by **Department of Electrical and Electronics Engineering, CBIT (A)**, in association with **EV Retron Energies India Pvt. Ltd.** conducted during **24/04/2024** to **03/05/2024.**

Date : 03-05-2024

Certificate ID : REV2D240346

Hyd
EVRETRON ENERGIES
Authorized Signatory

Dr. B. Suresh Kumar	Dr. T. Murali Krishna	Prof. M. Balasubba Reddy	Prof. C. V. Narasimhulu
(Co-ordinator)	(Co-ordinator)	(HOD-EEE)	Principal - CBIT

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COMMITTED TO RESEARCH, INNOVATION AND EDUCATION 45 years

Certificate of Completion

This is to certify that

Mr./Ms. MOHAMMAD AMAANUDDIN bearing

Roll No.: 160123766010 has Successfully completed a Value Added course on **Electric Vehicle Technology** organized by **Department of Electrical and Electronics Engineering, CBIT (A)**, in association with **EV Retron Energies India Pvt. Ltd.** conducted during **24/04/2024** to **03/05/2024**.

Date : 03-05-2024

Certificate ID : REV2P240347

RETRON ENERGIES INDIA PVT. LTD. Hyd

EVRETRON ENERGIES
Authorized Signatory

Dr. B. Suresh Kumar	Dr. T. Murali Krishna	Prof. M. Balasubba Reddy	Prof. C. V. Narasimhulu
(Co-ordinator)	(Co-ordinator)	(HOD-EEE)	Principal - CBIT

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COMMITTED TO RESEARCH, INNOVATION AND EDUCATION 45 years

Certificate of Completion

This is to certify that

Mr./Ms. MALAY KASHA bearing

Roll No.: 160120734094 has Successfully completed a Value Added course on **Electric Vehicle Technology** organized by **Department of Electrical and Electronics Engineering, CBIT (A)**, in association with **EV Retron Energies India Pvt. Ltd.** conducted during **24/04/2024** to **03/05/2024**.

Date : 03-05-2024

Certificate ID : REV2D240348

Hyd
EVRETRON ENERGIES
Authorized Signatory

Dr. B. Suresh Kumar	Dr. T. Murali Krishna	Prof. M. Balasubba Reddy	Prof. C. V. Narasimhulu
(Co-ordinator)	(Co-ordinator)	(HOD-EEE)	Principal - CBIT

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COMMITTED TO RESEARCH, INNOVATION AND EDUCATION 45 years

Certificate of Completion

This is to certify that

Mr./Ms. Y. SANDEEP bearing

Roll No.: 160121734062 has Successfully completed a Value Added course on **Electric Vehicle Technology** organized by **Department of Electrical and Electronics Engineering, CBIT (A)**, in association with **EV Retron Energies India Pvt. Ltd.** conducted during **24/04/2024** to **03/05/2024**.

Date : 03-05-2024

Certificate ID : REV2D240349

EV RETRON ENERGIES INDIA PVT. LTD. Hyd

EVRETRON ENERGIES
Authorized Signatory

Dr. B. Suresh Kumar	Dr. T. Murali Krishna	Prof. M. Balasubba Reddy	Prof. C. V. Narasimhulu
(Co-ordinator)	(Co-ordinator)	(HOD-EEE)	Principal - CBIT

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Kokapet Village, Gandipet Mandal, Hyderabad, Telangana-500075, www.cbit.ac.in
Approved by | Recognized Research Centers | Programs Accredited by NBA | Grade A++ in NAAC | All India Ranking 151-200 Band nirf | ISO Certifications Quality Audit 9001 : 2015 Green Audit 14001 : 2015 Energy Audit 50001 : 2018
COMMITTED TO RESEARCH, INNOVATION AND EDUCATION 45 years

A REPORT ON

VALUE ADDED COURSE

ON

SUPERCONDUCTING POWER SYSTEMS

From 16th February to 08th March 2024

A.Y 2023-24

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Organized by

Dr. M. Balasubbareddy
HOD EEE/Coordinator, Dept. of EEE
Chaitanya Bharathi Institute of Technology, Hyderabad,
India

Dr. P. Venkata Prasad
Coordinator
Professor, Dept. of EEE
Chaitanya Bharathi Institute of Technology, Hyderabad,
India

Dr. P. Kowstubha
Co-Coordinator
Associate Professor, Dept. of EEE
Chaitanya Bharathi Institute of Technology, Hyderabad,
India

Course Objectives

- Understand Superconductivity: Explore the physics behind superconductivity, including material properties and behavior at cryogenic temperatures.
- Learn Applications in Power Systems: Gain insights into the use of superconductors in power transmission, storage, and grid stability.
- Analyze System Design and Challenges: Examine the design, operation, and practical challenges of superconducting power systems.
- Explore Technological and Economic Implications: Assess the role of SCPS in modern energy systems and their impact on the energy industry.

Course Outcomes

After completing the course, the student will be able to:

- 1. Describe the basic properties of superconductors relevant to electric power applications
- 2. Understand the pros and cons of various applied superconducting materials
- 3. Explain the benefits of superconductors in some power applications
- 4. Understand the design challenges of superconducting power devices
- 5. Understand the basics of cryogenic technology as applied to superconducting power devices

Chief Patron

Sri. N. Subash
President, CBIT

Patron

Prof. C. V. Narasimhulu
Principal, CBIT

Coordinators

Dr. M. Balasubbareddy
Professor & HoD, Dept. of EEE
Dr. P. Venkata Prasad
Professor, Dept. of EEE

Co-coordinator

Dr. P. Kowstubha
Associate Professor, Dept. of EEE

Advisory Committee

Dr. A.D. Sarma
Advisor, R&D
Dr. U.K. Choudhury
Advisor, I&I
Dr. K. Krishnaveni
Professor, Dept. of EEE
Dr. G. Suresh Babu
Professor, Dept. of EEE
Dr. T. Sudhakar Babu
Assoc. Director, R&D

Department of Electrical and Electronics Engineering

SPARC
Scheme for Promotion of Academic and Research Collaboration

In Association With

Indo-US International

A Short term training Course

(Value added Course)
on

Superconducting Power Systems

26th February to 08th March 2024
(Hybrid Mode)

Chaitanya Bharathi Institute of Technology

(Autonomous under UGC)
Affiliated to Osmania University
Kokapet (Village), Gandipet,
Hyderabad – 500075
Telangana State, India.
www.cbit.ac.in

Chaitanya Bharathi Institute of Technology (CBIT)

CBIT is one of the premier Engineering Institutes in India, a pioneer in Telangana State, which is at the idyllic surroundings of Gandipet Lake, Hyderabad. The college offers 12 UG and 10 PG programs. It has been standing as a temple of knowledge for the past 45 years by producing more than 25,000 Eminent and skillful Graduate Engineers, who are successful in their Careers, serving all over the world. CBIT Students are prepared and perfected to secure Placements in reputed MNCs. The Institute has been accredited by NAAC – UGC with 'A++' Grade and several programs are accredited by NBA – AICTE. The UGC has granted Autonomous Status from the Academic Year 2013-14 onwards. Stringent Academic Standards, Industry Compliant Teaching Methodology, Research Projects from Private and Public Sector organizations Industries in Engineering and Management and Consultancy Practice, enabled the Institute to establish its Identity in Technical Education and is ranked as one of the best amongst Private Engineering Colleges in both the Telugu Speaking States.

About Department

CBIT started the Electrical & Electronics Engineering UG program in 1994 and has been accredited 5 times since 2004 by NBA. The recent accreditation in 2021 is for 6 years. The intake was increased from 60 to 120 in the Academic Year 2013-14. The Department started offering a PG course in Power Systems and power Electronics in 2006 with an intake of 18 and was accredited by the NBA in the year 2016. The department has received grants worth around ₹90 lakhs from AICTE under RPS, SPARC, MODROBS, FDP, STTP, etc. The Department is offering consultancy services worth ₹21 lakhs in collaboration with Foreign Universities in Renewable Energy Systems. The Department is also certified by ISO 9001:2015. The Department is recognized as a Research Centre in 2017 by Osmania University to carry out research for the award of Ph.D. degrees.

About Course

This course provides a comprehensive understanding of superconducting power systems (SCPS), covering the fundamental principles of superconductivity, its applications in power systems, and the design and operation of superconducting devices. The program integrates theoretical knowledge with practical insights, preparing students to work on advanced energy technologies in academic, research, or industrial settings.

Course Duration: "30 hours"

WHO CAN ATTEND?

- UG students, PG Students and Industry personnel

Resource Persons

Dr. Sastry Pamidi
Professor and Chair
FAMU-FSU College of Engineering Tallahassee, **USA**

Dr. M. Balasubbareddy
Professor
Chaitanya Bharathi Institute of Technology, Hyderabad, **India**

Dr. P. Venkata Prasad
Professor
Chaitanya Bharathi Institute of Technology, Hyderabad, **India**

Contact Details

Dr.M.Balasubbareddy
Coordinator
Mobile: +91-9885308964
Email Id: balasubbareddy_eee@cbit.ac.in

In Association With

Indo-US International

A Short term training Course

(Value added Course)
On

Superconducting Power Systems

26th February to 08th March 2024
(Hybrid Mode)

Registration Form

1. Name: .....
2. Branch & Year.....
3. Semester: .....
4. Address: .....

.....

.....

5. Mobile No. .....
6. Email ID: .....

Signature of the Participant

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ELECTRICAL & ELCETRONICS ENGINEERING

PARC

Indo-US International

A Short term training Course (Value added Course)

On

Superconducting Power Systems

26th February to 08th March 2024

ATTENDANCE SHEET

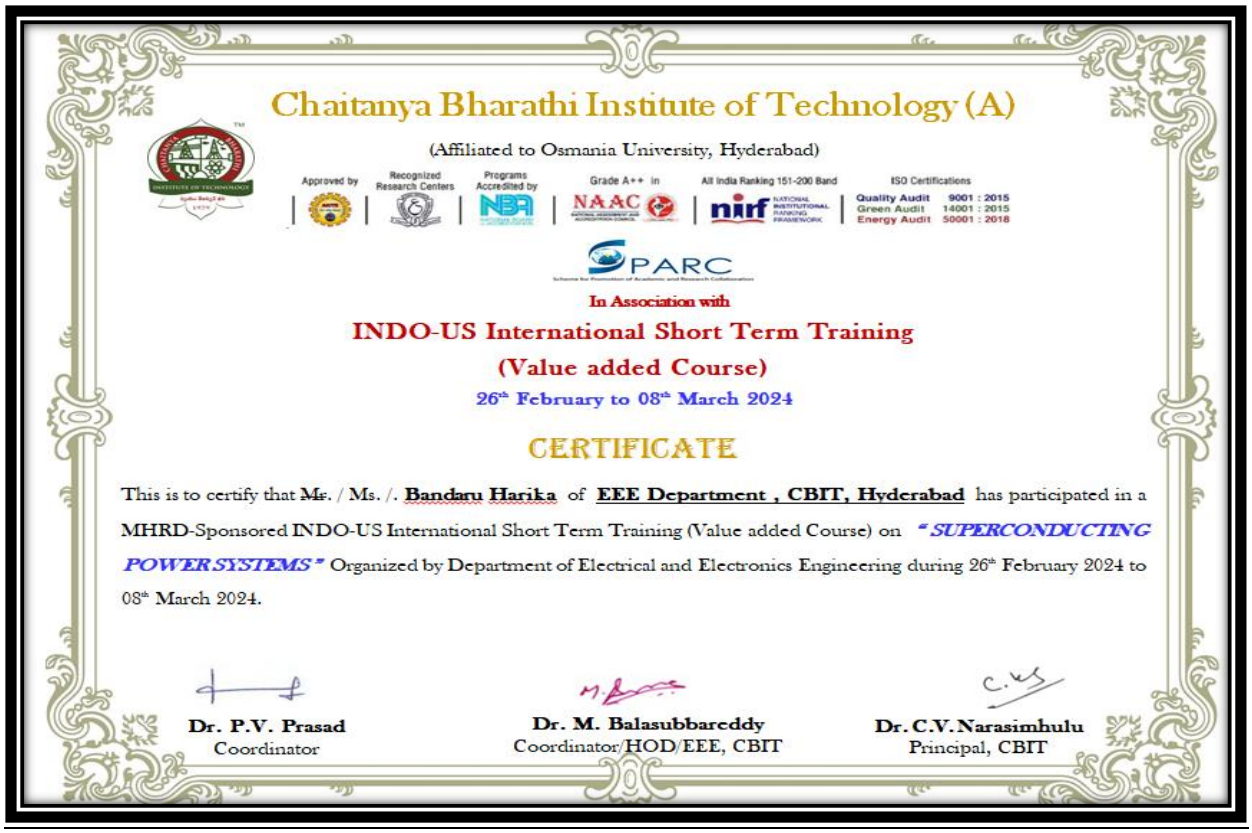
S.NO	ROLL NO	NAME OF THE STUDENT	26-02-2024	27-02-2024	28-02-2024	29-02-2024	01-03-2024	02-03-2024	04-03-2024	05-03-2024	06-03-2024	07-03-2024	08-03-2024
1	1601-21-734-001	ANKESARAPU CANDLITCH SWARJYNA											
2	1601-21-734-002	BANDARU HARINIKA											
3	1601-21-734-005	GADDAM SAHITHI REDDY											
4	1601-21-734-006	GAIKWAD RASHMITHA											
5	1601-21-734-008	JARATHI AKSHAYA											
6	1601-21-734-009	KATHA SUPRIYA											
7	1601-21-734-010	NAMASANI AKSHAYA											
8	1601-21-734-012	NENAVATH KAVYA											
9	1601-21-734-014	PULLURI ARCHITHA											
10	1601-21-734-015	S KEERTHI											
11	1601-21-734-017	SUPRAJA CHINAGARI											
12	1601-21-734-019	TANVI DINESH KAMATH											
13	1601-21-734-021	BAIRI ANIL KUMAR											
14	1601-21-734-022	BANDARI SUSHWANTH KUMAR											
15	1601-21-734-025	DAKI VICTOR SAMUEL											
16	1601-21-734-026	DUGGI RITWIK											
17	1601-21-734-027	ENUGULA ABHIRAM SIDDH											
18	1601-21-734-028	GANNOJI CHAKRAVARTHY											
19	1601-21-734-030	GOPU KOTI REDDY											
20	1601-21-734-032	GUNDRATHI VIGHNESHWAR GOUD											
21	1601-21-734-034	K SAI ARJUN											
22	1601-21-734-035	K V LALITH KUMAR ACHARI											
23	1601-21-734-037	KATTA PRADEEP											
24	1601-21-734-040	MADDELA RAHUL											
25	1601-21-734-049	NALLALA RAHUL											
26	1601-21-734-051	P VINAY KUMAR											
27	1601-21-734-053	PILLI BHARATH VISHAL YADAV											

S.NO	ROLL NO	NAME OF THE STUDENT	26-02-2024	27-02-2024	28-02-2024	29-02-2024	01-03-2024	02-03-2024	04-03-2024	05-03-2024	06-03-2024	07-03-2024	08-03-2024
28	1601-21-734-056	RACHURI NITHIN KUMAR											
29	1601-21-734-057	SHAURYA SHARMA											
30	1601-21-734-059	SIMHARAJU SATHWIK											
31	1601-21-734-062	YEDLAPALLI SANDEEP											
32	1601-21-734-301	AJURU KAUSHIK REDDY											
33	1601-21-734-303	VYAMSANI SINDHU											
34	1601-21-734-306	SHAIK SUSMA											
35	1601-21-734-072	BANTUPAVANI LALITHA											
36	1601-21-734-074	BURA AISHWARYA											
37	1601-21-734-075	DASARI RESHMA											
38	1601-21-734-078	GOLI SUSHMA SRI											
39	1601-21-734-081	JANAPALA VARSHA											
40	1601-21-734-082	JARPLA IESMITHA											
41	1601-21-734-086	MOTE SINDHU											
42	1601-21-734-089	SARAKONDA JESICA											
43	1601-21-734-092	ALLAMPUR MANIDEEPKUMAR											
44	1601-21-734-095	AZMEERA SHIVA RAM PRAKASH											
45	1601-21-734-096	BHUKYA JAYARAMA CHANDRA											
46	1601-21-734-103	DUNDIGALLA SAI AMRUTH											
47	1601-21-734-105	GUGULOTHU PRADEEP											
48	1601-21-734-108	KOMMA GANESH											
49	1601-21-734-109	KONDA DRISHITH											
50	1601-21-734-111	KURELLA NAVEEN KUMAR											
51	1601-21-734-113	MAYA ADHITYA											
52	1601-21-734-114	MOHAMMAD ALMAS											
53	1601-21-734-117	NAGAMPETA NEERAJ											
54	1601-21-734-119	NITISH LANKALAPALLI											
55	1601-21-734-120	PRANAV SREERAJ CH											
56	1601-21-734-122	PRAVEEN SAINI											
57	1601-21-734-125	SARASANI RAJA REDDY											
58	1601-21-734-126	SOLLETI RAHUL											
59	1601-21-734-130	UDIGULA VINAY											
60	1601-21-734-131	V SAI MITHILESH											
61	1601-21-734-133	VASAMSETTI SAI MANIKANTA											
62	1601-21-734-307	VUTUKURU KARTHIK											
63	1601-21-734-309	EKKATI MANOJ											
64	1601-21-734-310	KATTERA SRIHARSHA JYSHNAVI											
65	1601-21-734-312	KOLA AVINAY											
66	1601-21-734-313	GUDISHA											

SIGNATURE OF THE CO-ORDINATOR

SIGNATURE OF THE HOD (EEE)

HEAD
Dept. of EEE, CBIT (A)
Gandipet, Hyderabad-75



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Green Audit 14001 : 2015
Energy Audit 50001 : 2018

SPARC

In Association with

INDO-US International Short Term Training

(Value added Course)

26th February to 08th March 2024

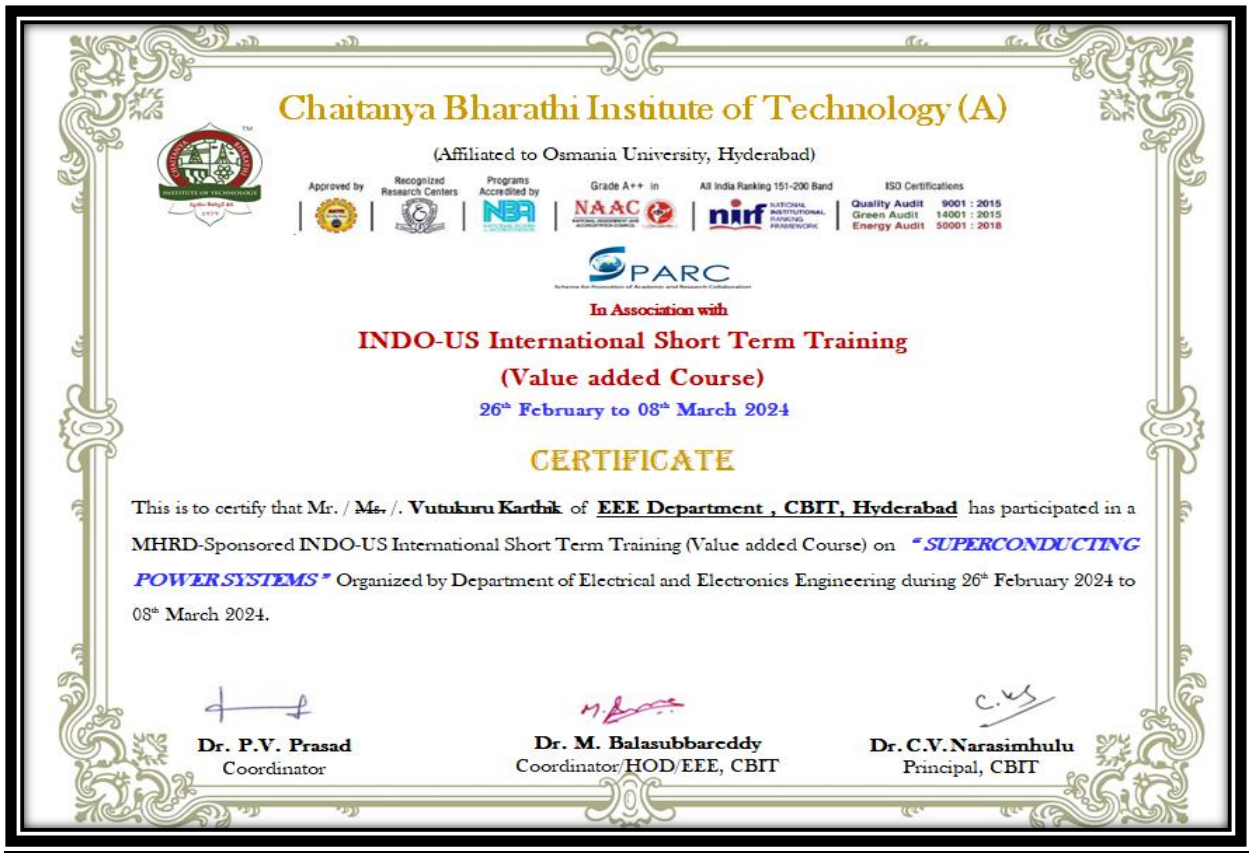
CERTIFICATE

This is to certify that ~~Mr.~~ / Ms. /. **Bandaru Harika** of **EEE Department , CBIT, Hyderabad** has participated in a MHRD-Sponsored INDO-US International Short Term Training (Value added Course) on ***"SUPERCONDUCTING POWER SYSTEMS"*** Organized by Department of Electrical and Electronics Engineering during 26th February 2024 to 08th March 2024.

Dr. P.V. Prasad
Coordinator

Dr. M. Balasubbareddy
Coordinator/HOD/EEE, CBIT

Dr. C.V. Narasimhulu
Principal, CBIT



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Dr. P.V. Prasad
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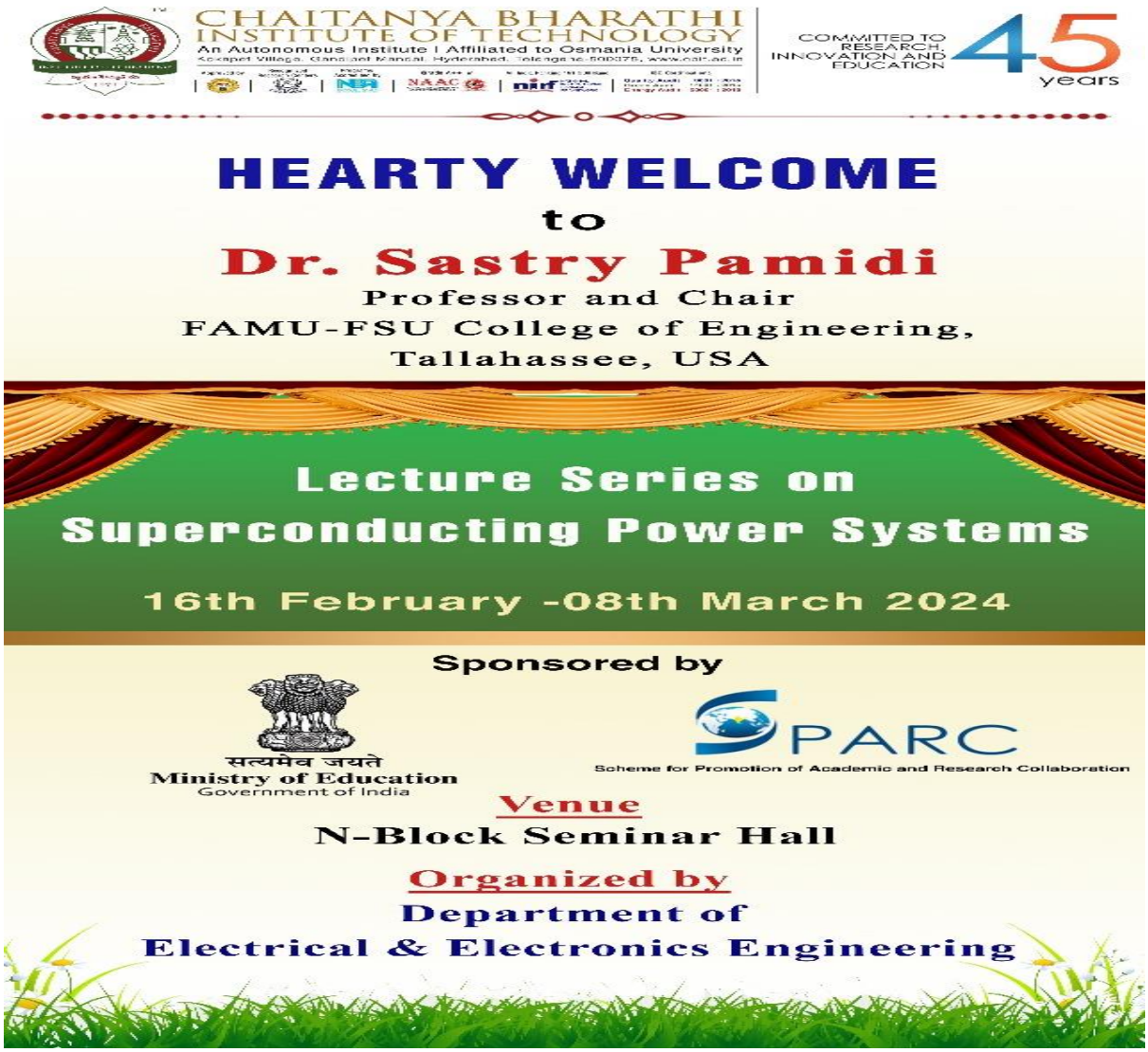
Principal, CBIT



About Course

This course is sponsored by SPARC in association with INDO-US.It provides a comprehensive understanding of superconducting power systems (SCPS), covering the fundamental principles of superconductivity, its applications in power systems, and the design and operation of superconducting devices. The program integrates theoretical knowledge with practical insights, preparing students to work on advanced energy technologies in academic, research, or industrial settings. Total 66 students participated in the value added course.

Course Objectives:

After completing the course, the student will be able to:

1. Describe the basic properties of superconductors relevant to electric power applications
2. Understand the pros and cons of various applied superconducting materials
3. Explain the benefits of superconductors in some power applications

4. Understand the design challenges of superconducting power devices

5. Understand the basics of cryogenic technology as applied to superconducting power devices

6. Understand the basic design features of various superconducting power device demonstrations

7. Understand the applications of superconducting technology in the modern electric power sector

8. Emerging trends in sustainable energy systems, including the use of hydrogen as an energy carrier

Topics Covered:

1. High Temperature Superconducting Materials (HTS)
2. Basic Cryogenic Technology Used in HTS Power Applications
3. Superconducting Power Cables (AC and DC)
4. Superconducting Fault Current Limiters
5. Superconducting Transformers
6. Superconducting Motors and Generators
7. Examples and Case Studies of HTS Power Devices
8. AC Losses in HTS Conductors and Power Devices
9. Measurement Techniques for Characterizing HTS materials and devices
10. The synergy between superconducting technology and hydrogen as an energy carrier.

Career Opportunities

- Research and development in superconducting technologies
- Roles in power grid companies and renewable energy firms
- Advanced roles in cryogenics and materials science industries
- Academia and teaching positions in energy systems and superconductivity

This course equips participants with the theoretical and practical tools needed to excel in the growing field of superconducting power systems.

REFERENCE:

1. Superconductors in the Power Grid: Materials and Applications, edited by Christopher Rey, ISBN: 978-1-78242-029-3.