



## ONLINE SHORT TERM TRAINING PROGRAMME

(Sponsored By AICTE)

### “Latest Trends and Challenges in Electric Vehicle Technology and Battery Management Systems”

(4<sup>th</sup> – 12<sup>th</sup> October, 2021)



Organized by  
UGC – HUMAN RESOURCE DEVELOPMENT CENTRE  
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD  
KUKATPALLY, HYDERABAD, T.S.



#### ABOUT UGC-HRDC, JNTUH:

The UGC-Human Resource Development Centre (formerly known as UGC-Academic Staff College), Jawaharlal Nehru Technological University Hyderabad, was established in the year 2000 and sponsored by University Grants Commission, New Delhi. The UGC-Human Resource Development Centre organizes Faculty Induction Programmes, Orientation Programmes, Refresher Courses, Faculty Development Programmes, Short Term Training Programmes and Workshops on thrust areas for in-service teachers and also for newly appointed teaching faculty on a regular basis, to update the knowledge and skills in their respective fields.

During the current academic year 2021-22, a one-week AICTE sponsored Short Term Training Programme on “**LATEST TRENDS AND CHALLENGES IN ELECTRIC VEHICLE TECHNOLOGY AND BATTERY MANAGEMENT SYSTEMS**” is proposed to be **organized by HRDC, JNTUH in association with the Department of EEE, Vaagdevi College of Engineering, Warangal, T.S., during 04-10-2021 to 12-10-2021** through ONLINE.

#### ABOUT VAAGDEVI COLLEGE OF ENGINEERING:

Vaagdevi College of Engineering was established in 1998 and affiliated to JNTUH, Hyderabad. This institute was sponsored by Viswambhara Educational Society in Warangal which has been entrenched by few philanthropists and elite people with a view to impart technical education to students of rural background. The institute got Autonomous status in the year 2014 and accredited by NAAC with ‘A’ Grade. The college offers 07 Undergraduate and 09 Postgraduate programs. EEE and CSE departments are recognized as Research Centres to offer Ph. D. under JNTUH, Hyderabad. Vaagdevi College of Engineering is known for its academic excellence with state-of-the-art infrastructure. Institute is also identified as Remote Centre by NITTTR, IIT-Bombay remote centers. Institute also received several funding projects and schemes from UGC, AICTE, JNTUH, Typhoon HIL, Texas Instruments and PLEXIM.

#### MAJOR COURSE CONTENTS:

- Motor selection and advanced motor configurations with control techniques for Electric Vehicle
- Converter configurations and PWM algorithms for Electric Vehicle control
- Advanced Driving Assistance System (ADAS) technologies
- Introduction of Real time controllers like DSP, Opal RT, d-Space
- Applications of advanced technologies like AI, IOT for measuring, sensing, control and monitoring EV & BMS parameters.
- Role of BMS and Charging Technologies for E V Batteries
- Hands on Experience with power converters, software’s, and microcontrollers.

#### ELIGIBILITY:

- The faculty members from the department of EEE working in AICTE approved Institutions and Industry Professionals.



**CHIEF PATRON**  
**Prof. Katta Narasimha Reddy**  
Vice-Chancellor  
JNTUH, Hyderabad

**CONVENER**  
**Dr. G.K. Viswanadh**  
Professor of Civil Engineering &  
Director  
UGC-HRDC, JNTUH, Hyderabad



**COURSE COORDINATOR:**  
**Dr. Sadanandam Perumandla**  
Assoc. Professor, Dept. of EEE  
Vaagdevi College of Engineering  
Warangal, T.S.



#### **REGISTRATION FEE PARTICULARS:**

- **There is No Registration fee for participation.**
- E-certificate will be issued to the participants on successful completion of the course.

#### **HOW TO APPLY:**

- The faculty members desirous to participate in the program are requested to register their details through online mode at <http://jntuhhrdc.in/delegate-registration> on or before 29th September, 2021. For further queries, please mail us at: [directorhrdcjntuh@jntuh.ac.in](mailto:directorhrdcjntuh@jntuh.ac.in)
- Filling the online registration form is mandatory.
- A filled-in form of application duly signed by the faculty member and forwarded by the Head of the Institution and sponsorship certificate/letter of forwarding from the Head of the Institution, should be uploaded in HRDC portal on or before the last date.

#### **SELECTION CRITERIA:**

Selection will be done based on **first-come-first-serve basis**. The list of selected participants will be intimated through E-mail.

**RESOURCE PERSONS:** Resource Persons are drawn from the different Universities, Industries and R & D organizations.

#### **IMPORTANT DATES:**

Last date for the receipt of application through online	:	<b>29<sup>th</sup> September, 2021</b>
Intimation of selection to the participants through e-mail	:	<b>30<sup>th</sup> September, 2021</b>
Course duration	:	<b>4<sup>th</sup> to 12<sup>th</sup> October, 2021</b>
Course Timings	:	<b>10.00 AM to 1.15 PM &amp; 2.00 PM to 5.15 PM</b>

#### **INSTRUCTIONS TO THE PARTICIPANTS FOR ONLINE COURSE:**

- (1) Filling the registration form is mandatory.
- (2) Attendance for all the sessions, Completion of activities, assignments and online tests given by the Resource Persons are mandatory.
- (3) All sessions will be conducted on WebEx.
- (4) Link will be provided a day in advance.
- (5) Limited seats are available on First-Come-First-Serve basis.

#### **ADDRESS FOR ALL CORRESPONDENCE:**

**Dr. G.K.VISWANADH**  
Professor of Civil Engineering &  
Director, UGC-Human Resource Development Centre  
Jawaharlal Nehru Technological University Hyderabad  
Kukatpally, Hyderabad– 500 085, Telangana State  
Contact us: 8008103814 (All working days from 10.30 am to 5.00 pm only)  
Mail us: [directorhrdcjntuh@jntuh.ac.in](mailto:directorhrdcjntuh@jntuh.ac.in)  
Visit us: [www.jntuhhrdc.in](http://www.jntuhhrdc.in)

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**UGC-HUMAN RESOURCE DEVELOPMENT CENTRE**  
**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

(Establishment by Govt. Act No. 30 of 2008)

Kukatpally, Hyderabad – 500 085, Telangana State, India.

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**Dr. G.K. VISWANADH**

B.E (Civil), M.E.(Hydraulics), Ph.D., F.I.E.  
Professor of Civil Engineering &

**DIRECTOR**

Date: 30-09-2021

Dear Sir/Madam,

Thank you for your interest in participating in the AICTE Sponsored One Week Online Short Term Training Programme on “**Latest Trends and Challenges in Electric Vehicle Technology and Battery Management Systems**” scheduled from **04-10-2021 to 12-10-2021**, being organized by UGC-Human Resource Development Centre (HRDC), JNTUH, Hyderabad.

Your registration has been accepted. Attendance for all the sessions and completion of the activities, assignments and online tests given by the Resource Persons are mandatory to get the certificate, failing which certificate will not be issued.

A WhatsApp group will be created with the selected participants for further communication. The participants who have not entered their WhatsApp number while registration, are requested to send their WhatsApp number to the mail id **directorhrdcjntuh@jntuh.ac.in** before 5.00 pm on 30-09-2021.

**Steps to be followed to join the course**

Please join JNTUH HRDC STTP Programme from your computer, tablet or smart phone from the below link:

**<https://jntuhhrdc.webex.com/jntuhhrdc/onstage/g.php?MTID=e8430d4138a66ef3872c66acf1209d9da>**

**Date and time: Monday, 04<sup>th</sup> October-2021 @ 9:45 am**

Meeting number: **2516 300 0494**

Password: **LTCEVT**

The link is Unique and don't share the link with anyone. If anyone attended the course with your link your registration will be cancelled.

## Etiquette Guide or Ground Rules

Keep the following guidelines in mind to improve quality of the sessions.

- Do not enable camera
- Use a headset with microphone for optimal audio quality.
- Mute the microphone when not in use to avoid disturbance to others.
- If you have questions, post on the chat window
- If you definitely need to ask a question vocally, the organizer will unmute you.

**NOTE:** The selection to the program is subject to the submission of the sponsorship letter/letter of forwarding from the head of the institution. If the institution is not able to provide the sponsorship letter/letter of Forwarding, due to the present prevailing situation, you may submit the same before the course completion to get the participation certificate.

**Please join the course by 9.45 am on 04<sup>th</sup> October, 2021.**

### List of Participants:

S. No	Name of the Participant	Designation	Dept.	College Name	College Address	State
1	Vishakha N Tarange	Assistant Professor	Electrical Engineering	AISSMS College of Engineering Pune	Kennedy Road, Pune	Maharashtra
2	Shaik Reshma	Assistant professor	Electrical Engineering	Gates Institute Of Technology	NH-44, Gooty, Anantapur	Andhra Pradesh
3	Dr. T Charan Singh	HOD EEE Asst Professor	Electrical & Electronics Engineering	Swarna Bharathi Institute Of Science And Technology	Pakabanda Bazar, Khammam	Telangana
4	Mudiyala Siva Reddy	Assistant Professor	Electrical & Electronics Engineering	Gates Institute Of Technology	Gooty, Anantapur	Andhra Pradesh
5	V Babyshalini	Assistant professor	Electrical & Electronics Engineering	JNTUHCEJ	Nachupally (Kondagattu), Karimnagar (Dist), T.S	Telangana
6	Srinivas D	Assistant Professor	Electrical & Electronics Engineering	KG Reddy College Of Engineering And Technology	Chilkoor (V), Moinabad (M), Ranga Reddy (Dist)	Telangana
7	K.Suneeta	Professor	Electrical & Electronics Engineering	JB Institute of Engineering and Technology	Yenkappally(v), Moinabad	Telangana
8	Dr M Kondalu	Professor	Electrical & Electronics Engineering	Malla Reddy Engineering college	Maisammaguda, Dhulapally(V)	Telangana
9	K. Shashidhar Reddy	PROFESSOR	Electrical & Electronics Engineering	CVR College of Engineering	Vastunagar, Mangalpally, Ibrahimpatnam	Telangana
10	Mahesh Thati	Assistant Professor	Electrical & Electronics Engineering	Institute of Aeronautical Engineering college	Dundigal	Telangana
11	R Naveena Bhargavi	Associate Professor	Electrical & Electronics Engineering	CVR College of Engineering	Vastunagar, Mangalpally, Ibrahimpatnam RR Dist	Telangana

12	Nenavath Ramesh Babu	Assistant Professor	Electrical & Electronics Engineering	Teegala Krishna Reddy Engineering College	Meerpet Medbowli.	Telangana
13	Dr.R. Vijay	Associate Professor	Electrical & Electronics Engineering	CVR College of Engineering	Vastunagar, Mangalpally (V), R.R. District	Telangana
14	Dr K Srinivasa Reddy	ASSISTANT PROFESSOR	Electronics & Communications Engineering	Teegala Krishna Reddy Engineering College	Meerpet, Hyderabad	Telangana
15	Srilatha Annreddy	Assistant professor	Electrical & Electronics Engineering	Teegala Krishna Reddy Engineering College	Meerpet	Telangana
16	Santhosh Khatravath	Assistant Professor	Electrical & Electronics Engineering	Teegala Krishna Reddy Engineering College	Meerpet, Hyderabad	Telangana
17	Mr Santhosh Raikar M	Assistant Professor	Electrical Engineering	S.T.J.I.T. Ranebennur	Ranebennur	
18	M Paramesh	Associate professor	Electrical & Electronics Engineering	Gates institute of technology Gooty	Gooty, Ananthapuram (V), Peddavadugur(m), Anantapur (dist)	Andhra Pradesh
19	Penta Samyuktha	Associate Professor	Electrical & Electronics Engineering	KG reddy College of Engineering and Technology	Moinabad	Telangana
20	Syed sarfaraz Nawaz	Associate Professor	Electrical & Electronics Engineering	Gokaraju Rangaraju Institute of Engineering and Technology	Bachupally,Kukatpally	Telangana
21	Nagaraju Budidha	Associate Professor	Electrical & Electronics Engineering	Vaagdevi College Oof Engineering	Post:bollikunta, Khila Warangal	Telangana
22	Racherla Mega Rani	Assistant Professor	Electrical & Electronics Engineering	Nalla Malla Reddy Engineering College	Ghatkesar, Medchal	Telangana
23	S Asha Kiranmai	Assistant Professor	Electrical & Electronics Engineering	Bhoj Reddy Engineering College for Women	Santosh Nagar	Telangana
24	Narain Avudayappan	Associate Professor	Electrical & Electronics Engineering	Goa College Of Engineering	Farmagudi Goa	Goa
25	Naveen Kumar D	Associate professor	Electrical & Electronics Engineering	Guru Nanak Institutions Technical Campus	Ibrahimpattanam	Telangana
26	Vinay Kumar Awaar	Associate Professor	Electrical Engineering	Gokaraju Rangaraju Institute of Engineering & Technology	Bachupally, Kukatpally.	Telangana
27	G Sandhya Rani	Assistant Professor	Electrical & Electronics Engineering	Gokaraju Rangaraju Institute of Engineering and Technology	Bachupally, Kukatpally	Telangana
28	M N Sandhya Rani	Assistant Professor	Electrical & Electronics Engineering	Gokaraju Rangaraju Institute of Engineering and Technology	Bachupally, Kukatpally	Telangana
29	K. Sudha	Assistant Professor	Electrical Engineering	Gokaraju Rangaraju Institute of	Bachupally, Kukatpally	Telangana

				Engineering and Technology		
30	Madgula Satyanarayana	Assistant Professor	Electrical & Electronics Engineering	Jayamukhi Institute Of Technological Sciences	Narsampet, Warangal rural	Telangana
31	Rajasekhara Reddy Ponduru	Assistant Professor	Electrical & Electronics Engineering	Vasavi College Of Engineering(Autonomous)	Ibrahimbagh, Hyderabad	Telangana
32	Ranjith kumar Gatla	Assistant Professor	Electrical & Electronics Engineering	Institute of Aeronautical Engineering	Dundigal, Hyderabad	Telangana
33	Dr. Kiran Kumar Danduprolu	Assistant Professor	Electrical & Electronics Engineering	JNTUH CEH	Hyderabad	Telangana
34	Abisheker Reddy Antham	Assistant Professor	Electrical & Electronics Engineering	Kamala Institute Of Technology And Science	Huzurabad, Karimnagar	Telangana
35	Gurram Ranga Purushotham	Associate Professor	Electrical & Electronics Engineering	Guru Nanak Institutions Technical Campus (Autonomous)	Ibrahimpnam, Rangareddy DIST.	Telangana
36	R. Anil Kumar	Assistant Professor	Electrical & Electronics Engineering	Gokaraju Rangaraju Institute of Engineering and Technology	Bachupally Road, Hyderabad	Telangana
37	Dr. Rajesh Kumar Samala	Associate Professor	Electrical & Electronics Engineering	Sree Chaitanya College of Engineering	LMD Colony Thimmapur	Telangana
38	Kirankumar Shenam	Lead Engineer	Electrical Engineering	D-22, VVDN Technologies, Infocity 2	Gurgaon	Haryana
39	Sayed Mahaboob	Assistant Professor	Electrical & Electronics Engineering	Shadan Women's College of Engineering and Technology	Raj Bhavan RdKhairatabad, Hyderabad,	Telangana
40	Purnachander Rao Perala	Associate Professor	Electrical & Electronics Engineering	Vaagdevi College of Engineering	Bollikunta, Warangal	Telangana
41	CHILUKURI Bala Venkata Subbarayudu	Professor	Electrical & Electronics Engineering	Shadan Women's College of Engineering and Technology	Raj Bhavan Road, Khairatabad, Hyderabad	Telangana
42	Karunakumar Davala	Assistant Professor	Electrical & Electronics Engineering	Gokaraju Rangaraju Institute of Engineering & Technology	Bachupally, Hyderabad	Telangana
43	Dr.KBVS Subrahmanyam	Professor & Head	Electrical & Electronics Engineering	D.N.R. College of Engineering & Technology	Bhimavaram Balusumudi,	Andhra Pradesh
44	Dr. P. Parthasaradhy	Professor	Electrical & Electronics Engineering	Guru Nanak Institutions Technical Campus	Khanapur Village, Ibrahimpnam, Ranga Reddy District	Telangana
45	Ganta Srujit	Assistant professor	Electrical Engineering	Indur Institute Of Engineering And Technology	Ponnal Village Siddipet	Telangana
46	Gottipati Madhuri	Assistant Professor	Electrical & Electronics Engineering	Vignan Institute of Technology and Science	Bhuvanagiri	Telangana
47	Dr Manikandan M	Professor HOD EEE	Electrical & Electronics	Jyothishmathi Institute of Technology and	Karimnagar	Telangana

			Engineering	Science		
48	Ch Shravan Kumar Reddy	Assistant Professor	Electrical & Electronics Engineering	JB Institute of Engineering and Technology	Yenkapally(V), Moinabad(M), Ranga Reddy	Telangana
49	Naresh Rayavarapu	Assistant Professor	Electrical & Electronics Engineering	Hyderabad Institute of Technology and Management	Gowdavelli village, medchal	Telangana
50	Prasanth Kumar P	Assistant Professor	Electrical & Electronics Engineering	Gokaraju Rangaraju Institute of Engineering and Technology	Bachupally Road, Nizampet, Kukatpally	Telangana
51	Cheralu Bakka	Assistant Professor	Electrical & Electronics Engineering	kamala institute of technology and science	singapuram huzurabad	Telangana
52	Dr N V Subba Rao	Professor	Electrical & Electronics Engineering	Anubose Institute of Techmology	KSP Road, Paloncha	Telangana
53	Mrs Sirisha Pentam	Assistant Professor	Electrical & Electronics Engineering	GRIET	Bachupally, Hyderabad	Telangana
54	Dr D S Naga Malleswara Rao	Associate Professor	Electrical & Electronics Engineering	Gokaraju Rangaraju Institute of Engineering & Technology Hyd	Bachupally, Nizampet, Hyderabad	Telangana
55	Suddala Janardhan	Assistant Professor	Electrical & Electronics Engineering	Jyothishmathi Institute Of Technology And Science	Nustulapur, Karimnagar	Telangana
56	T. Pavani	Assistant Professor	Electrical & Electronics Engineering	Kamala Institute of Technology and Science	Singapur, karimnagar	Telangana
57	Praveen Jugge	Professor	Electrical & Electronics Engineering	Gokaraju Rangaraju Institute of engineering and technology	Bachupally	Telangana
58	Supritha Vemula	Assistant professor	Electrical & Electronics Engineering	Kamala Institute Of Technology And Science	Singapuram, Karimnagar	Telangana
59	Mr.Thirupathi Allam	Assistant Professor	Electrical & Electronics Engineering	Kamala Institute of Technology and Science	Singapuram, Huzurabad, Karimnagar	Telangana
60	V. Vijaya Rama Raju	Associate Professor	Electrical & Electronics Engineering	Gokaraju Rangaraju Institute of Engineering and Technology	Bhachupally, Hyderabad	Telangana
61	Polu Veeraraghava Reddy	Assistant Professor	Electrical & Electronics Engineering	TKR College Of Engineering	Medbowli, Meerpet	Telangana
62	Sathish CH	Assistant Professor	Electrical & Electronics Engineering	Jyothismathi Institute Of Technology And Science	Karimnagar	Telangana
63	Sreekanth Gujja	Assistant Professor	Electrical & Electronics Engineering	Sri Venkateswara Engineering College	Bagarh Singh Nagar, Suryapet	Telangana
64	Sree Lakshmi Gundebommu	Professor	Electrical & Electronics Engineering	CVR College of Engineering	Ibrahimpattanam	Telangana
65	Ramesh Kedam	Associate professor	Electrical & Electronics Engineering	Vaageswari College Of Engineering	Beside LMD police station, Ramakrishna colony,	Telangana

66	K.SWAPNA	Assistant Professor	Electrical & Electronics Engineering	Vidya Jyothi Institute Of Technology	CB POST Aziznagar Rangareddy	Telangana
67	Veeranna Dharamsoth	Assistant Professor	Electrical & Electronics Engineering	JBLET	Moinabad	Telangana
68	Moguthala Shankar	Assistant Professor	Electrical & Electronics Engineering	Siddhartha Institute of Engineering and Technology, Ibrahimpatnam	Vinobha nagar, Ibrahimpatnam, RangaReddy dist 501506	Telangana
69	Khamruddin Syed	Assistant Professor	Electrical & Electronics Engineering	KG Reddy College of Engineering & Technology	Chilkur(v), Moinabad (M)	Telangana
70	Dr V V P Kumar Tatavarathi	Associate Professor	Electrical & Electronics Engineering	K G Reddy College Of Engineering And Technology	Chilkur(V), Moinabad(M)	Telangana
71	vollaji mounika	Assistant Professor	Electrical & Electronics Engineering	Kamala Institute Of Technology And Science	Singapuram Huzurabad Karimnagar	Telangana
72	A GOPALAKRUSH NA	Assistant Professor	Electrical & Electronics Engineering	Vignana Bharathi Institute Of Technology	Ghatkeshar	Telangana
73	V. Sai Geetha Lakshmi	Assistant Professor	Electrical & Electronics Engineering	Prasad V Potluri Siddhartha Institute Of Technology	Pvpsit Kanuru	Andhra Pradesh
74	Narmada B	Asst. Professor	Electrical & Electronics Engineering	G. Narayanamma Institute Of Technology & Science	Shaikpet	Telangana
75	Subhash Raparathi	Faculty	Electrical & Electronics Engineering	KU College of Engineering and Technology	Hanamkonda,	Telangana
76	Dr. Rajesh Pindoriya	Project Engineer	Electrical Engineering	Indian Institute of Technology Mandi	IIT Mandi, Kamand Campus, Mandi	Himachal Pradesh
77	P Nageswra Rao	Associate Professor	Electrical & Electronics Engineering	VJIT	Aziz's nagar	Telangana
78	Gollapudi Pavan	Assistant Professor	Electrical & Electronics Engineering	Marri Laxman Reddy Institute Of Technology And Management	Dundigal, Hyderabad	Telangana
79	Aravinda Swamy Konda	Assistant professor	Electrical & Electronics Engineering	Mallareddy College of Engineering and Technology	Maisammaguda	Telangana
80	Venugopal Thumula	Associate Professor	Electrical & Electronics Engineering	Vaagdevi College Of Engineering	Bollikunta, Warangal	Telangana
81	M Pavan Kumar	Assistant Professor	Electrical & Electronics Engineering	SVS Group Of Institutions	Bheemaram Hanamkonda WARANGAL	Telangana
82	Sreedevi Kunumalla	Assistant professor	Electrical & Electronics Engineering	Jayamukhi Institute Of Technological Sciences	Chennaraopet, Mugdampuram	Telangana
83	M. Devika Rani	Assistant Professor	Electrical & Electronics Engineering	Prasad V Potluri Siddhartha Institute Of Technology	Kanuru, Vijayawada	Andhra Pradesh
84	Pratima Gangwar	Associate Professor	Electrical & Electronics	Sagar Institute of Research and	Bhopal	Madhya Pradesh



			Engineering	Technology		
85	SWAPNA S	Assistant Professor	Electrical Engineering	GRT Institute Of Engineering And Technology	GRT Mahalakshmi Nagar,Chennai-Tirupathi Highway,Tiruttani	Tamil Nadu
86	Dr Arra Ganga Dinesh Kumar	Professor	Electrical & Electronics Engineering	Sridevi Women's Engineering College	Vattinagulapally, near Wipro Gopanpally	Telangana
87	Sumalatha Kalakotla	Assistant Professor	Electrical & Electronics Engineering	University college of engineering	Kottagudem	Telangana
88	Syed Shahbazuddin	Assistant Professor	Electrical & Electronics Engineering	Vaagdevi Engineering College	Bollikunta	Telangana
89	B.Jagadish Kumar	Associate Professor	Electrical & Electronics Engineering	Kakatiya Institute of Technology and Science ,Warangal	Hanamakonda, Warangal Urban	Telangana
90	Dr. Yogananda Patnaik	Assistant Professor	Electrical & Electronics Engineering	MVGR College Of Engineering (A)	Chintalvalasa, Vizianagaram	Andhra Pradesh
91	N Devendranath Reddy	Assistant Professor	Electrical & Electronics Engineering	Yv Shiva Reddy College Of Engineeering & Technology	Vadiyampeta (V), Bukkarayasamudram (M), Ananthapuramu	Andhra Pradesh
92	V S R Pavan Kumar Neeli	Assistant Professor	Electrical & Electronics Engineering	Sir C R Reddy college of Engineering	Vatluru, Eluru	Andhra Pradesh
93	Singa Samba Shiva Raju	Associate Engineer	Electrical & Electronics Engineering	Vaagdevi Engineering College	Bollikunta, Warangal	Telangana
94	K.swetha	Assistant professor	Electrical & Electronics Engineering	Vaagdevi college of engineering	Bollikunta,warangal	Telangana
95	Mohammad Khajafarid	Assistant Professor	Electrical & Electronics Engineering	Vaagdevi College Of Engineering	Bollikunta, warangal	Telangana
96	Arulkumar P	Associate Professor	Electrical & Electronics Engineering	V.S.B. Engineering College	Karudayampalayam post, Covai main road, Karur District,	Tamil Nadu
97	Gali Sridhar	Assistant Professor	Electrical & Electronics Engineering	Balaji Institute of Technology & Science	Warangal, T.S.	Telangana
98	Sarabu Guru Prasad Achari	Energy Manager, A.P.Genco	Electrical & Electronics Engineering	SDSTPS-3X800MW	Sri Damodaram Sanjeevaiah Thermal Power Station(Sdstps)	Andhra Pradesh
99	Sushovan Roy	Assistant Professor	Electrical Engineering	Dream Institute of Technology Kolkata	Thakurpukur Bazar B.H.Road Samali Kolkata	West Bengal
100	Venkatesh Thoorpati	Assistant professor	Electrical & Electronics Engineering	University College of Engineering & Technology for Women	Vidyaranyapuri, Near SDLCE, KU Campus	Telangana
101	Morampudi Rajitha	Assistant Professor	Electrical & Electronics Engineering	CVR College Of Engineering	Vastunagar, Ibrahimpatnam	Telangana

102	P Venkata Sireesha	Assistant Professor	Electrical & Electronics Engineering	St Peters Engineering College	Maisammaguda Hyderabad	Telangana
103	Dr.A.S.S. Murugan	Associate Professor	Electrical & Electronics Engineering	CVR College of Engineering	Vastu nagar, Mangalpalli, RR district,	Telangana
104	S. SARAVANAN	Assistant Professor	Electrical & Electronics Engineering	Velalar College of Engineering and Technology	Thindal Post, Erode-638012.	Tamil Nadu
105	M Lakshmi Swarupa	Professor	Electrical & Electronics Engineering	CVR College of Engineering	Rangareddy (D, Vastunagar, Mangalpalli (V), Ibrahimpatnam,	Telangana
106	Sowmya KV	Assistant professor	Electrical & Electronics Engineering	G.Narayanamma Institute of Technology and Science	Shaikpet	Telangana
107	Balu badhavathu	Assistant professor	Electrical & Electronics Engineering	Vaagdevi College Of Engineering	Bollikunta, Warangal	Telangana
108	Dr R Ravikumar	Associate Professor	Electrical & Electronics Engineering	Joginpally B R Engineering College	Moinabad, Hyderabad	Telangana
109	Punnamchander Gullapally	Assistant professor	Electrical & Electronics Engineering	Vaagdevi College Of Engineering	Bollikunta, Warangal	Telangana
110	Satyanarayana. Vanam	Assistant professor	Electrical & Electronics Engineering	Vaagdevi College Of Engineering	Bollikunta, Warangal	Telangana
111	Praveen Kumar A.	Lab. Assistant	Information Technology	Vasavi College of Engineering	Ibrahimbagh Hyderabad	Telangana
112	Dr.S.sathish kumar	Dean R D	Electrical & Electronics Engineering	Joginpally B R Engineering College	Moinabad Mandal, Hyderabad	Telangana
113	Gubba Naveen	Associate Professor	Electrical & Electronics Engineering	Joginpally B R Engineering College	Moinabad	Telangana
114	Rajesh Thota	Associate professor	Electrical & Electronics Engineering	Vaagdevi College Of Engineering	VAAGDEVI college of engineering	Telangana
115	Cherala Ushasri	Associate professor	Electrical & Electronics Engineering	VAAGDEVI COLLEGE of Engineering	VAAGDEVI college of engineering	Telangana



**DIRECTOR  
UGC-HRDC, JNTUH &  
UNIVERSITY COORDINATOR,  
AICTE PROGRAMMES, JNTUH**

**AICTE Sponsored ONLINE SHORT TERM TRAINING PROGRAMME**

**“Latest Trends and Challenges in Electric Vehicle Technology and Battery Management Systems”**

**(04<sup>th</sup> – 12<sup>th</sup> October, 2021)**

Organized by



UGC – HUMAN RESOURCE DEVELOPMENT CENTRE  
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD  
KUKATPALLY, HYDERABAD, T.S.

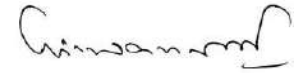
Date	10.00 to 11.30 AM		11.45 to 1.15 PM	2.00 to 3.30 PM		3.45 to 5.15 PM	5.30 to 7.30 pm
04-10-2021 Monday	<b>10.00 to 11.00 AM</b>  <b>Inaugural Session</b>	Impact of the Electric Vehicles in Smart Grid Performance By Dr. Suresh Mikkili Associate Professor NIT Goa <a href="mailto:mikkili.suresh@nitgoa.ac.in">mikkili.suresh@nitgoa.ac.in</a> 7588133009	Impact of the Electric Vehicles in Smart Grid Performance By Dr. Suresh Mikkili Associate Professor NIT Goa <a href="mailto:mikkili.suresh@nitgoa.ac.in">mikkili.suresh@nitgoa.ac.in</a> 7588133009	Retrofitting for Electric Vehicles Potential and Challenges By Dr. Mithun Bhaskar EGM-Simulation Methods, Tools & Data Advanced Safety AS & UX APTIV <a href="mailto:mithu.bhaskar@aptiv.com">mithu.bhaskar@aptiv.com</a> 9544567711 9544567712	Smart Electric Grid - Status of Pilot Projects, Smart Grid Challenges & Opportunities, V2X Technologies By Dr. Suresh Mikkili Associate Professor NIT Goa <a href="mailto:mikkili.suresh@nitgoa.ac.in">mikkili.suresh@nitgoa.ac.in</a> 7588133009	<b>Assignment Session</b>	
05-10-2021 Tuesday	<b>Introduction of Multiphase Motors for Electric Vehicle Applications</b> By Dr. Ramsha Karampuri, Assistant Professor, VNIT Nagpur <a href="mailto:ramshakarampuri@eee.vnit.ac.in">ramshakarampuri@eee.vnit.ac.in</a> 8143952895	<b>TEA BREAK</b>	Closed-loop control of Multiphase Induction Motor Drive for EVs" By Dr. Ramsha Karampuri, Assistant Professor VNIT Nagpur	<b>LUNCH BREAK</b>	Role of Battery Management Systems in Electric Vehicles By Dr. K. Narasimha Raju Professor, KLU narasimharaju_eee@kluinversity.in 9666693394		Algorithms for State of Charging Estimation in EV By Dr. K. Narasimha Raju Professor, KLU
06-10-2021 Wednesday	_____		<b>HOLIDAY</b>	_____			_____

<p>07-10-2021 Thursday</p>	<p>Electric Vehicle Policy and Road Ahead for Storage Technologies By Dr. Chandrashekar Perumalla IIT Bhubaneshwar <a href="mailto:pcsekhar@iitbbs.ac.in">pcsekhar@iitbbs.ac.in</a> 9717583955 7326880845</p>	<p>Implementation of Predictive Torque Control for Closed Loop PMSM Drive By Dr. Praveen Kumar Assistant Professor SVNIT Surat <a href="mailto:kvpraveenkumar@eed.svnit.ac.in">kvpraveenkumar@eed.svnit.ac.in</a> 9160919516</p>	<p>Application of Advanced Optimization Techniques on Hybrid Power Systems with Electric Vehicles By Dr. Surender Reddy South Korea <a href="mailto:surender@wsu.ac.kr">surender@wsu.ac.kr</a> 8340991391</p>	<p>Implementation of Vector Control Scheme for Induction Motor by using TMS320F28379D By Dr. P. Sadanandam Associate Professor VCE, Warangal <a href="mailto:sadanandam_p@vaagdevi.edu.in">sadanandam_p@vaagdevi.edu.in</a> 9948283769</p>
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Date	10.00 to 11.30 AM	11.45 to 1.15 PM	2.00 to 3.30 PM	3.45 to 5.15 PM	5.30 to 7.30 pm
<p>08-10-2021 Friday</p>	<p>Electric Drives for Applications By Dr. Ch. Ramulu Assistant Professor NIT Warangal <a href="mailto:rnitchinthamalla@nitw.ac.in">rnitchinthamalla@nitw.ac.in</a> 9866561691</p>	<p>Smart Electric Vehicles (SEVs): Research Challenges and Opportunities in battery management and charging systems By Dr. Deepa Kaliyaperumal Associate Professor Amrutha Vishwa Vidhya Mahalay <a href="mailto:k_deepa@blr.amrita.edu">k_deepa@blr.amrita.edu</a> 9980005071</p>	<p>Advancements in Research in Hybrid Electric Vehicles By Dr. A. Jayalaxmi Professor &amp; Head, Dept. of EEE, JNTUH, Hyderabad <a href="mailto:ajl1994@jntuh.ac.in">ajl1994@jntuh.ac.in</a> 9440569949</p>	<p>Power Converters and Drivetrain for Electric Vehicle By Dr. K. Nagasujatha Professor &amp; Deputy Director, UGC-HRDC JNTUH, Hyderabad <a href="mailto:knagasujatha@jntuh.ac.in">knagasujatha@jntuh.ac.in</a> 9440378191</p>	<p>Assignment Session</p>
<p>09-10-2021 Saturday</p>	<p>_____</p>	<p><b>HOLIDAY</b></p>	<p>_____</p>	<p>_____</p>	
<p>10-10-2021 Sunday</p>	<p>_____</p>	<p><b>HOLIDAY</b></p>	<p>_____</p>	<p>_____</p>	
<p>11-10-2021 Monday</p>	<p>EV Technology trends and BMS Solutions By Mr. Naveen Application Engineer Texas Instruments <a href="mailto:naveen.b@ti.com">naveen.b@ti.com</a> 7042330010</p>	<p>C2000 TI Micro Controller for EV Motor and MBS Control By Mr. Naveen Application Engineer Texas Instruments <a href="mailto:naveen.b@ti.com">naveen.b@ti.com</a> 7042330010</p>	<p>Advanced Speed Control Schemes for Electrical Vehicle Applications-I By Dr. T. Vinay Kumar, Assistant Professor, NIT Warangal <a href="mailto:tvinay.nitw@gmail.com">tvinay.nitw@gmail.com</a> 9885281148</p>	<p>Advanced Speed Control Schemes for Electrical Vehicle Applications-II By Dr. T. Vinay Kumar, Assistant Professor, NIT Warangal</p>	

<p>12-10-2021 Tuesday</p>	<p>Torque control strategies for a Open-End winding Induction Motor for Electric Vehicle Applications By <b>Dr. Suresh Lakshimsetty</b> Assistant Professor SVNIT, Surat <a href="mailto:suresh@eed.svnit.ac.in">suresh@eed.svnit.ac.in</a> 7702759430</p>	<p>Solar PV Reconfiguration for Electric Vehicles By <b>Dr. B. Venugopal Reddy</b> Associate Professor NIT Goa <a href="mailto:bvenugopal_reddy@nitgoa.ac.in">bvenugopal_reddy@nitgoa.ac.in</a> 9404527890</p>	<p>National Education Policy -2020 By <b>Col. B. Venkat</b> Director, Faculty Development Cell, AICTE, New Delhi director.fdc@aicte-india.org</p>	<p>Online Exam &amp; Valedictory Session</p>	<p>--</p>
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**Note:** Certificates will be issued only to those participants who have minimum of 80% attendance & 60% qualifying marks in the exam. Completion of all the day's assignments is mandatory.



**DIRECTOR  
UGC-HRDC, JNTUH &  
UNIVERSITY COORDINATOR,  
AICTE PROGRAMMES, JNTUH**

**ONLINE SHORT TERM TRAINING PROGRAMME (Sponsored By AICTE) “Latest Trends and Challenges in Electric Vehicle Technology and Battery Management Systems”**

<b>S. No</b>	<b>Title of the Programme</b>	<b>Schedule</b>	<b>Sponsored by</b>	<b>No. of Days</b>	<b>No. of participants registered</b>
1	ONLINE SHORT TERM TRAINING PROGRAMME (Sponsored By AICTE) “Latest Trends and Challenges in Electric Vehicle Technology and Battery Management Systems”	04-10-2021 to 12-10-2021	AICTE	6	115



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1. "Seismic Design of Multi-storey Buildings: IS 1893-2016"

2. "Blockchain and its Applications"

3. "Latest Trends and Challenges in Electric Vehicle Technology and Battery Management Systems"  
(4th - 12th October 2021)

**INAUGURAL PROGRAMME on 04-10-2021 at 10.10 AM**

### CHIEF GUEST



**Prof. Katta Narasimha Reddy**  
Vice-Chancellor, JNTUH, Hyderabad

Welcome Address



**Dr. GK Viswanadh**  
Director, UGC-HRDC, JNTUH

Address by



**Dr. J. Praveen**  
Principal, GRIET

Address by



**Dr. K.S. Nayanathara**  
Principal, CVR College of Engg.

Address by



**Dr. K. Prakash**  
Principal, Vaagdevi College of Engg.

Vote of Thanks



**Dr. K. Naga Sujatha**  
Dy. Director, UGC-HRDC, JNTUH

**Organized by - UGC-Human Resource Development Centre, JNTUH, Hyderabad**