

SMVITM

Activity Request form

Academic Year	2021-22		
Department/Section/Committee/Cell	ECE & ME & ISTE		
Name of the Activity	5 Day FDP		
Target Audience	Faculty (in house) and External		
Activity Date(s)	14-18 March, 2022	Time	9am -5pm
Venue	ECE Dept.		
Resource Person	Industry Expert from VI solution		

Expected expenditure

S. No.	Description	Amount
1.	Honararium 6000/ day x 5 Days	30,000/-
2.	Travelling Allowance	2,000/-
3.	Food for participants	10,000/-
4.	Certificates	1,000/-
Total		43,000/-

(Add rows if required)

Source of fund (Sponsorship/Registration fee)

S. No.	Description	Amount
1.	ISTE for Honararium	30,000/-
--	Registration	15,000/-
Total		

(Add rows if required)

Financial support required from the Institute	Yes (ISTE)
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<p><i>Uday R</i> Name of the Coordinator</p>	<p><i>ch 3/2</i> Signature with date</p>
<p><i>Sachin</i> Signature of the HoD (If applicable)</p>	

Priscoo
Principal
SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar, Udupi Dist.
BANTAKAL - 574 115

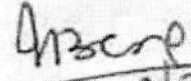
Remarks by IQAC

May be conducted


Signature

Remarks by Principal

Proceed


Signature

SHRI MADHWA
INSTITUTE OF TECHNOLOGY
Vishwothama Nagar,
BANTAKAL.

Instructions

Coordinators are requested to get the approval from the Principal at least one week before the activity.

Name of the activity:

- Invited Talk, Seminar, Workshop, Competitions
- Placement training programs to Students
- Placement drives
- FDP, EDP, Conference, staff development program
- First year Orientation day, Annual Day, Varnotsava, Graduation day, Sports day, games competitions, Avishkar, IIOT, Project Exhibition, Farewell Program
- Inauguration/Valedictory of Cell/Clubs
- Alumni meet, PTA meet
- College promotional activity, career guidance program

Target Audience (with expected number of participants):

- Staff- Teaching or Non-teaching/ department
- Students - Only registered students/compulsory
- Student details with class and departments

Resource Person: Name, Designation, Address and contact Number.

Expected expenditure: Includes Honorarium to resource person, TA/DA, Certificates, Food, Banner, Prize money etc.

For the department activity, coordinators are requested to get the approval from the concerned department Heads, and then submit it to IQAC.

IQAC in turn verify the committee perspective plan, activities of the other committees to avoid overlapping of the activities, gives the remarks accordingly and forward the form to the Principal for the approval.

After approval from the Principal, activity shall be conducted.


Principal
SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar, Udupi Dist.
BANTAKAL - 574 115

PATRONS

Shri Vishwavallabha Theertha Swamiji

President, Shri Sode Vadiraja Mutt Education Trust, Udupi

Shri Rathnakumar

Secretary, Shri Sode Vadiraja Mutt Education Trust, Udupi

ADVISORY COMMITTEE

Dr. Thirumaleshwara Bhat, Principal

Dr. Ganesh Aithal, Vice Principal

CONVENOR

Dr. Sachin S Bhat, HOD ECE

Dr. Gajanan Anne, HOD Mechanical Engg.

COORDINATORS

Mr. Sachin Prabhu, Asst. Professor (Sr.)

Mr. Sudhir, Asst. Professor (Sr.)

ORGANISING COMMITTEE

Ms. Shashiakala R

Mr. Ganesh Shetty

Mr. Ananth Mallya

Mr. Rajashankar

REGISTRATION DETAILS

Registration Fees: Rs. 500/-

Last Date for Registration: March 07, 2022

Limited Seates, Priority will be given for the early registerd participants

Payment Details are as follows

Account Holder Name: Shri Madhwa Vadiraja

Institute of Technology & Management

Bank Name: HDFC, Shirva

Account Number: 50100303818541

MICR Code: 576240004

IFSC Code: HDFC0009540

Address for Communication

Department of ECE

SMVITM, Bantakal - 574115

Email: ec@sode-edu.in

Phone: +91 9480789514

Mr. Sachin Prabhu

Assistant Professor (Sr.) Department of ECE

Email: sachinprabhu.ec@sode-edu.in

M: 9964027565

Mr. Sudhir

Assistant Professor (Sr.) Department of Mech

Email: sudhir.mech@sode-edu.in

M: 9964102164

FIVE DAYS FACULTY DEVELOPMENT PROGRAM
ON

ELECTRIC VEHICLE AND SMART GRID

14th March 2022 to 18th March 2022



Organized by
Department of
Electronics & Communication Engineering
&
Mechanical Engineering
in Association with ISTE Faculty Chapter



SMVITM

SHRI MADHWA VADIRAJA INSTITUTE
OF TECHNOLOGY AND MANAGEMENT

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Approved by AICTE, New Delhi & Recognized by Govt. of Karnataka
Vishwothama Nagar, Bantakal, Udupi - 574 115, Karnataka, India
Website: www.sode-edu.in | Tel: +91 9611615001 | E-mail id: info@sode-edu.in

SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar, Udupi Dist.
BANTAKAL - 574 115

ABOUT THE INSTITUTION

Shri Madhwa Vadiraja Institute of Technology & Management (SMVITM), situated at Bantakal in Udupi district. The institute founded in the year 2010 by Shri Vishwavallabha Theertha Swamiji of Shri Sode Vadiraja Mutt with the motto "Engineering your Career and Character with Care". Though SMVITM is the youngest institute in the region, its accomplishments are many. Accreditation with "A-Grade" by National Assessment and Accreditation Council (NAAC), accreditation to the undergraduate programs by the National Board of Accreditation (NBA) are the outstanding accomplishments of the institute in the recent years. The institute is well received by the general public for the excellent infrastructure, distinguished learner centric facilities and dedicated team of faculty and staff members.

VISION

"To Establish an Excellent, Value-based Higher Educational Hub to Meet the Challenges of Global Competitiveness".

MISSION

To impart holistic education with state of the art infrastructural facilities and conducive academic ambience, at affordable costs, leading to the creation of Centers of Excellence with best brains collectively interacting for total personality development and intellectual growth.

ABOUT THE FDP PROGRAM

Increase in millions of units of electrical energy in transportation systems are predicted over the next few years due to the Electric Vehicle industry and smart grid initiatives. Increasing public awareness of the environmental impact of greenhouse emissions coupled with the development of efficient battery technology has pushed for the accelerating research and development activities in electric vehicles. Electric Vehicles (EVs) revolutions offer a cleaner mode of personal transportation and provide a new technology to store energy.

Integration of EVs and smart grid present challenges to the grid due to additional distributed storage and load. Intelligent control techniques are needed to mitigate the load impacts and protect components of the distribution network from being overloaded by Electric Vehicles.

The global share of Electric vehicles will increase from 2% in 2020 to 22% in 2030. The ability to deliver the technical information of these major areas to the right audience at the right time is a valuable skill. This Faculty Development Program (FDP) is designed to enrich the knowledge of the participants and provide a basic platform to carry out research in these fields which will also be useful for the development of the country. This FDP will also emphasise on recent advancement in charging infrastructures, battery/energy management approaches and motor drives of the electric vehicles. Overall, this FDP will serve as a platform to upgrade the knowledge of various applications in electric vehicles and energy storage systems.

Course content:

- > Hands-on Graphical Programming -Environment
- > Battery Management System
- > Artificial Intelligence for Electrical Vehicle
- > Electronic Design Automation Tool for EV Power Electronic Design
- > Electrical Drive Simulation for Electrical Vehicle
- > Renewable Charging station for Electric Vehicle
- > IoT Based EV Condition Monitoring System

Resource Persons:

Industry Experts from VI Solutions

Eligibility:

Faculty members from Engineering colleges / Reserch Scholars and PG Students of any Departments.

FIVE DAYS FACULTY DEVELOPMENT PROGRAM ON ELECTRIC VEHICLE AND SMART GRID

14th March 2022 to 18th March 2022

REGISTRATION FORM

Name:

Designation:

Mobile Number:

E-mail:

Is Accommodation required?

YES

No

Payment Details:

Transaction Reference Number:

Date:

Bank Name & Branch:

.....

.....

Signature of the Faculty

Signature of the Head of the Dept./Institution

Date:

Principal
SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Mishwothama Nagar, Udupi Dist.
BANTAKAL - 574 115



You are cordially invited for the inaugural ceremony of

Five Days Faculty Development Program on

“Electric Vehicle and Smart Grid”

On 14th March 2022 at 09:45 AM

in the Seminar Hall of Admin Block

organised jointly by

Department of Electronics & Communications Engineering

&

Department of Mechanical Engineering

in Association with ISTE Faculty Chapter

Chief Guest

Dr. B Venkatesa Perumal

Professor, Dept. of Electrical and Electronics, NITK, Surathkal

Resource Person

Mr. Esakki Raja S

VI Solutions, Bengaluru

Honourable Presence

Sri Rathnakumar

Secretary, Shri Sode Vadiraja Mutt Education Trust®, Udupi

President

Dr. Thirumaleshwara Bhat

Principal, SMVITM, Bantakal

Principal
SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar, Udupi Dist.
BANTAKAL - 574 115

The Management, Faculty and Staff



Chetan R ECE <chetan.ec@sode-edu.in>

5 Day FDP on Electric Vehicle and Smart Grid: Software Download link and Procedure for Installation

Fri, Mar 11, 2022 at 3:07 PM

Chetan R ECE <chetan.ec@sode-edu.in>

To: alaka.bhoomi@gmail.com, sgbhagwath@anjuman.edu.in, choonthar@gmail.com, shivanandvk16@gmail.com, raos2k@nitte.edu.in, "Dr. Nagaraj Bhat" <cs@sode-edu.in>, yogeshwary2@gmail.com, mbhat92@gmail.com, vkumarg.24@gmail.com, balanageshwara@mitkundapura.com, akshathanaik@mitkundapura.com, sookshma.sa@gmail.com, Akshatha Rao <akshatha.ec@sode-edu.in>, Arun Upadhyaya ECE <arun_upadhyaya.ec@sode-edu.in>, Balachandra Achar <hvbachar.ec@sode-edu.in>, Ganesh Shetty <ganeshshetty.ec@sode-edu.in>, "Krishna Kumar P. ECE" <krishnakumar.ec@sode-edu.in>, Nagaraja Rao <bnagarajrao.ec@sode-edu.in>, Ragahvendra Rao <raghavendrarao.ec@sode-edu.in>, Rajashree Nambiar P ECE <prajashree.ec@sode-edu.in>, Ranjith Bhat ECE <ranjithbhat.ec@sode-edu.in>, Sachin Prabhu <sachinprabhu.ec@sode-edu.in>, Shashikala R <shashikala.ec@sode-edu.in>, Sowmya Bhat ECE <sowmyabhat.ec@sode-edu.in>, Vimitha <vimitha.ec@sode-edu.in>, Ananthesh Rao K Mech <ananthesh.mech@sode-edu.in>, Ravinarayan Rao Mech <ravinarayan.mech@sode-edu.in>, Sudhir Mech <sudhir.mech@sode-edu.in>, Aditya Kudva S Mech <kudva.mech@sode-edu.in>, Lingaraj K Ritti Mech <lingaraj.mech@sode-edu.in>, Raja Yateesh Yadav <yateesh.mech@sode-edu.in>, Madhukara Nayak Mech <madhukara.mech@sode-edu.in>, Manjunath S Mech <manjunath.mech@sode-edu.in>, Mallya Ananth Mohan Mech <ammallya.mech@sode-edu.in>, Karthik V Mech <karthik.mech@sode-edu.in>, durgaprasadc.rvitm@rvei.edu.in

Cc: Sachin S Bhat HOD ECE <ec@sode-edu.in>, "Dr. Gajanan Anne" <mech@sode-edu.in>

Dear all,

Greetings from Shri Madhwa Vadiraja Institute of Technology and Management, Udupi.

At the outset we would like to thank the participants for registering to this FDP.

Please find the attachments, consists of

- Software download links and
- Procedure to install the softwares.

Training Requirements:

1. LabVIEW should be Installed in the systems along with drivers for hardware interface

System Requirements:

1. OS: Windows 7SP1 (Preferred) , Windows 8.1, Windows 10 (Preferred)
2. RAM: 2GB-4GB
3. Processor: Pentium 4M (or equivalent) or later (32-bit)
Pentium 4 G1 (or equivalent) or later (64-bit)

NOTE:

- Participants are encouraged to install the softwares in their laptops for smooth conduction of training.
- During software installation disable the antivirus and windows firewall in the systems (if required).
- For Online participants gmeet link and further information will be shared through the whats app group.

--

Thanking you

Best Regards

Mr. Chetan.R
Asst. Professor(Sr.),
ECE Dept.
SMVITM Bantakal, Udupi
Mb:9986197796


Principal
SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar, Udupi Dist.
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2 attachments

 Instructions to Install NI LabVIEW 2018 _VIS.pdf

Advancement in Electric Vehicle Technology: A Step Towards Development of sustainable Transportation System

Venue: Shri Madhwa Vadiraja Institute of Technology and Management, Udupi

Date	Hour 1	15 min	Hour 2	45 min	Hour 3	15 min	Hour 4
Day - 1	Electrical Vehicle Test Validation using Graphical System Design WHY? WHAT? HOW?	TEA	Hands-on Graphical Programming –Environment	Lunch	Hands on Graphical Programming – Data types & Functions	TEA	Hands on Graphical Programming – Structures
Day - 2	Battery Management System using Graphical Software		Hands on BMS – Acquire, Analyze and Derive Insights from Battery Packs		Artificial Intelligence for Electrical Vehicle – G’s Approach		Hands on AI for EV– Signal Classification and Identification
Day - 3	Electronic Design Automation Tool for EV Power Electronic Design -Introduction		Hands on Power Train Design – Inverter Model Validation		Hands on Power Train Design – Inverter Control Strategies – Square Wave & Modified Square Wave		Hands on Power Train Design – Inverter Control Strategies – SPWM Generation
Day - 4	Electrical Drive Simulation for Electrical Vehicle		Hands On Electrical Motor – PMSM /ACIM Motor Model Simulation		Hands on Electrical Motor – EV Motor Control Design and Validation		Discussion, Case study of Electrical Vehicle scenario in India
Day - 5	Renewable Energy power electronics design		Renewable Charging station for Electric Vehicle – MPPT charge controller		IoT Based EV Condition Monitoring System		IoT Based Embedded Platform Demo

NOTE: Max number of Participants is 35

Anseer
Principal
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INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar, Udupi Dist.
BANTAKAL - 574 115



Partner

SYSTEM INTEGRATION



Requirements:

- Good ventilated hall preferably, low SUN light intensity to improve visibility of the PPT slides; White Board with colour marker pens; Collar Mike; LCD projector.
- One System per participant
- LabVIEW should be Installed in all systems
- Internet connections to be disabled in all systems during Training

Instructor:

- Professional & NI Certified Instructor from VI Solutions

Anoop

Principal

SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar, Udipi Dist.
BANTAKAL - 574 115

SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

(A Unit of Shri Sode Vadiraja Mutt Education Trust*, Udupi)

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Vishwothama Nagar, Bantakal - 574115, Udupi District, Karnataka.



Latitude	13.254605
Longitude	74.785047

Sri.Rathnakumar, Secretary, ShriSodeVadiraja Mutt Education Trust, Udupi graced the occasion and congratulated the departments for conducting the need of the hours topic for FDP. He also highlighted that due to the current war scenario crude oil per barrel cost will hike hence the optimum solution would be to switch to the EV.

Dr. ThriumaleshwaraBhat, Principal presided over the ceremony and advised to make the best use of the FDP and update the students for future challenges.

Good number of audience participated across the state through blended mode. Mr. Sudhir, program coordinator proposed the vote of thanks. Mr. AnanthMallya, Sr. Asst. Professor, ME Dept. introduced the Chief Guest. Dr. Ganesh Aithal, vice principal and Dr. Sachinbhat, HoD ECE Dept were present for the ceremony. Ms. Shashikala R, Sr. Asst. Professor from ECE Dept. was the master of ceremony.

FDP concluded on 18th March 2022, and during valedictory participation certificates were distributed and feedback collected from the participants.

Inscop
Principal
SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar, Udupi Dist.
BANTAKAL - 574115
Website: www.sode-edu.in

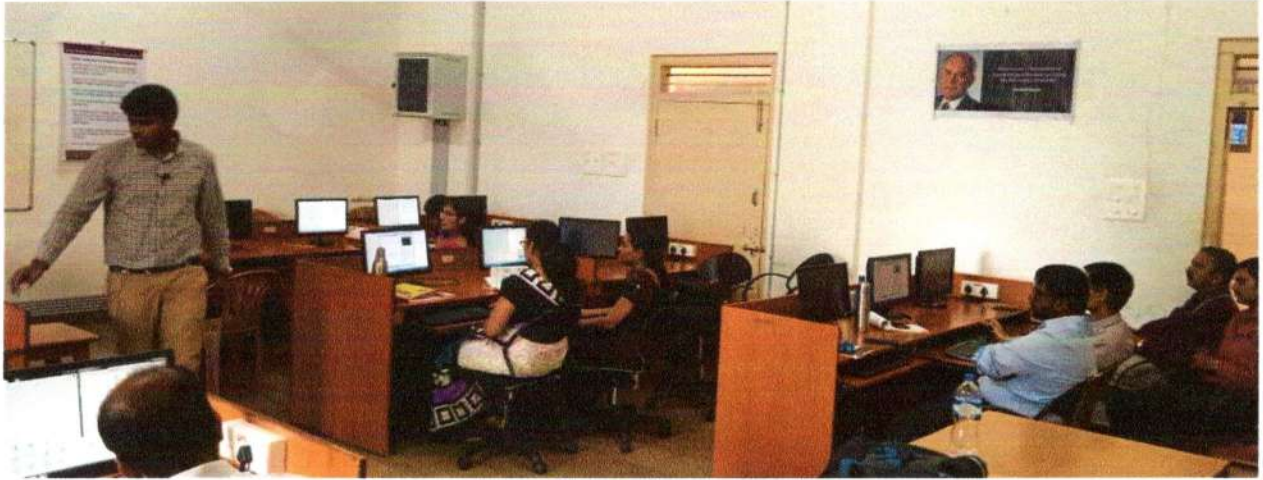
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Latitude	13.254637
Longitude	74.785364



Latitude	13.254626
Longitude	74.785357

Inscop
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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

FIVE DAYS FDP ON "ELECTRIC VEHICLE AND SMART GRID"

SL. NO	NAME	14-03-22		15-03-22		16-03-22		17-03-22		18-03-22	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	Ms. Alaka Ananth	OP	OP	OP	OP	OP	AB	OP	AB	OP	OP
2	Mr. Subrahmanya Bhagwat	AB	OP	OP	AB	OP	AB	AB	OP	OP	OP
3	Mr. Naveena C	OP	AB	OP	OP	OP	OP	OP	OP	OP	OP
4	Mr. Shivananda Kulkarni	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
5	Mr. Gururaja K	OP	OP	OP	OP	OP	OP	OP	OP	OP	OP
6	Ms. Yogeshwari B H	OP	OP	OP	OP	OP	OP	OP	OP	OP	OP
7	Mr. Mahabaleshwara Bhat	OP	OP	OP	OP	OP	OP	OP	OP	OP	OP
8	Mr. Varuna Kumara	OP	OP	OP	OP	OP	OP	OP	OP	OP	OP
9	Mr. Balanageshwara S	OP	OP	OP	OP	OP	OP	OP	OP	OP	OP
10	Ms. Akshatha Naik	OP	AB	OP	AB	AB	AB	OP	AB	OP	OP
11	Ms. Sookshma Adiga	OP	OP	OP	OP	OP	OP	OP	OP	OP	OP
12	Dr. Durga Prasad C	OP	OP	OP	OP	OP	OP	OP	OP	OP	OP
13	Dr. Nagaraja Bhat	OP	OP	OP	OP	OP	AB	AB	OP	OP	OP
14	Dr. Balachandra Achar H. V.	OP	OP	AB	AB	AB	AB	AB			
15	Dr. Sachin S. Bhat	OP	OP	OP	OP	OP	AB	OP	OP	OP	OP
16	Mr. Arun Upadhyaya	OP	OP	OP	OP	OP	OP	OP	OP	OP	OP
17	Ms. Shashikala R.	OP	OP	OP	OP	AB	OP	OP	OP	OP	OP
18	Mr. Chetan R.	OP	OP	OP	OP	AB	OP	OP	AB	OP	OP
19	Mr. Krishnakumar P.	AB	AB	AB	AB	AB	AB	AB			
20	Mr. Ganesh S Shetty	OP	OP	AB	AB	AB	AB				
21	Mr. Ranjith Bhat	AB	AB	AB	AB	AB	AB				
22	Ms. Sowmya Bhat	OP	OP	OP	OP	AB	OP	OP	OP	OP	OP
23	Mr. Sachin Prabhu K	AB	AB	OP	OP	OP	OP	OP	OP	OP	OP

* OP - Online present

* AB - ABSENT

Principal
 SHRI MADHWA VADIRAJA
 INSTITUTE OF TECHNOLOGY & MANAGEMENT
 Vishwothama Nagar, Udupi Dist.
 BANTAKAL - 574 115

SL. NO	NAME	14-03-22		15-03-22		16-03-22		17-03-22		18-03-22	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
24	Mr. Raghavendra Rao P	Red	Red	AB	AB	AB	AB	AB	AB		
25	Ms. Akshatha Rao L	AB	AB	AB	AB	AB	AB	AB	AB		
26	Ms. Vimitha.A	V.P.	V.P.	V.P.	V.P.	V.P.	V.P.	V.P.	V.P.	V.P.	V.P.
27	Dr. Gajanan Anne	AB	AB	AB	AB	AB	AB	AB	AB		
28	Dr. H Udaya Prasanna	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
29	Dr. Raja Yateesh Yadav	AB	AB	AB	AB	AB	AB	AB	AB	AB	
30	Mr. Ananteesh Rao K	AB	AB	AB	AB	AB	AB				
31	Mr. Ravinarayan Rao	AB	AB	AB	AB	AB	AB				
32	Mr. Sudhir	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
33	Mr. Adithya Kudva S	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
34	Mr. Lingaraja K Ritti	AB	AB	AB	AB	AB	AB	AB	AB	AB	
35	Mr. Madhukara Nayak	AB	AB	AB	AB	AB	AB	AB	AB		
36	Mr. Manjunath S	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
37	Mr. Mallya Ananth Mohan	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
38	Mr. Karthik V	AB	AB	AB	AB	AB					
39	Nagaraja Rao	AB	AB	AB	AB	AB	AB				


 Principal
 SHRINADAPPA TRUST'S
 INSTITUTE OF TECHNOLOGY & MANAGEMENT
 Vishwathams Nagar, H. S. Road, Dharwad
 SANTAKALI - 574114

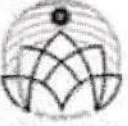
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Vishwothama Nagar, Bantakal - 574115, Udupi District, Karnataka.



SMVITM

Prof. Dr. Thirumaleshwara Bhat
BE, M.Tech., Ph.D., MISTE

PRINCIPAL

14 March 2021

Ref.No. SMVITM/2021-22/660

Dr. B Venkatesa Perumal
Professor
Dept. of Electrical and Electronics
NITK, Surathkal
Mangaluru

Respected Sir

Sub: Letter of Gratitude

This is to gratefully acknowledge your gracious presence as Chief Guest on 14 March 2022 during the Inauguration ceremony of Five Days Faculty Development Program on "Electric Vehicle and Smart Grid" of our institute. Thank you very much for inspiring our faculty members through your thought provoking and apt address during the occasion. We will remember your encouraging words and kind association, forever.

On behalf of SMVITM, I thank you for making the event a truly successful one. We look forward to your continued support and association in our future endeavors too.

Thanking you

With Regards

Thirumaleshwara Bhat

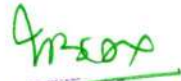
Principal

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Principal

SHRI MADHWA VADIRAJA
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Vishwothama Nagar, Udupi Dist.
BANTAKAL - 574 115

SN	PARTICIPANT NAME	DESIGNATION/SEMESTER	DEPARTMENT	MAIL ID	CONTACT
1	Ms. Alaka Ananth	Assistant Professor	CSE	alaka.bhoomi@gmail.com,	9900909982
2	Mr. Subrahmanya Bhagwat	Assistant Professor	ECE	sgbhagwath@anjuman.edu.in,	9242497438
3	Mr. Naveena C	Assistant Professor	ECE	choonthar@gmail.com,	9538969364
4	Mr. Shivananda Kulkarni	Assistant Professor	ECE	shivanandvk16@gmail.com,	9482559047
5	Mr. Gururaja K	Assistant Professor	ECE	raos2k@nitte.edu.in,	9844994375
6	Dr. Nagaraja Bhat	Associate Professor	CSE	cs@sode-edu.in	9964304006
7	Ms. Yogeshwari B H	Assistant Professor	ECE	yogeshwary2@gmail.com,	9741709922
8	Mahabaleshwara Bhat	Assistant Professor	ECE	mbhat92@gmail.com,	9964958320
9	Varuna Kumara	Assistant Professor	ECE	vkumarg.24@gmail.com,	9739597494
10	Balanageshwara S	Assistant Professor	ECE	balanageshwara@mitkundapura.com,	9538577920
11	Akshatha Naik	Assistant Professor	ECE	akshathanaik@mitkundapura.com,	9448767531
12	Sookshma Adiga	Assistant Professor	ECE	sookshma.sa@gmail.com,	9591474174
13	Dr. Durga Prasad C	Associate Professor	ECE	durgaprasadc.rvitm@rvei.edu.in	9538005639
14	Dr. Sachin Bhat	Associate Professor	ECE	ec@sode-edu.in	9480789514
15	Akshatha	Assistant Professor	ECE	akshatha.ec@sode-edu.in	9902630801
16	Arun Upadhyaya	Assistant Professor	ECE	arun_upadhyaya.ec@sode-edu.in	9686323734
17	Balachandra Achar	Assistant Professor	ECE	hvbachar.ec@sode-edu.in	9481360288
18	Ganesh Shetty	Assistant Professor	ECE	ganeshshetty.ec@sode-edu.in	9663831083
19	Chetan R	Assistant Professor	ECE	chetan.ec@sode-edu.in	9986197796
20	Krishna Kumar P.	Assistant Professor	ECE	<krishnakumar.ec@sode-edu.in>,	9741402655
21	Nagaraja Rao	Assistant Professor	ECE	<bnagarajrao.ec@sode-edu.in>,	9945357819
22	Ragahvendra Rao	Assistant Professor	ECE	<raghavendrarao.ec@sode-edu.in>,	9945018411
23	Ranjith Bhat	Assistant Professor	ECE	<ranjithbhat.ec@sode-edu.in>,	9742239324
24	Sachin Prabhu	Assistant Professor	ECE	<sachinprabhu.ec@sode-edu.in>,	9964027565
25	Shashikala R	Assistant Professor	ECE	<shashikala.ec@sode-edu.in>,	9742352982
26	Sowmya Bhat	Assistant Professor	ECE	<sowmyabhat.ec@sode-edu.in>,	9480147407
27	Vimitha	Assistant Professor	ECE	<vimitha.ec@sode-edu.in>,	9739274837
28	Ananthesh Rao K	Assistant Professor	ME	<ananthesh.mech@sode-edu.in>,	9164828762
29	Ravinarayan Rao	Assistant Professor	ME	<ravinarayan.mech@sode-edu.in>,	9481939824
30	Sudhir	Assistant Professor	ME	<sudhir.mech@sode-edu.in>,	9964102164


 Principal
 VISHVA VADIRAJA
 DEPARTMENT OF TECHNOLOGY & MANAGEMENT
 VISHVA VADIRAJA Nagar, Udipi Dist
 BANTAKAL - 574 115

31	Aditya Kudva S	Assistant Professor	ME	<kudva.mech@sode-edu.in>	7829868237
32	Lingaraj K Ritti	Assistant Professor	ME	<lingaraj.mech@sode-edu.in>	9740892125
33	Raja Yateesh Yadav	Assistant Professor	ME	<yateesh.mech@sode-edu.in>	9964281896
34	Dr. Madhukara Nayak	Assistant Professor	ME	<madhukara.mech@sode-edu.in>	9535626843
35	Manjunath S	Assistant Professor	ME	<manjunath.mech@sode-edu.in>	7795699505
36	Mallya Ananth Mohan	Assistant Professor	ME	<ammallya.mech@sode-edu.in>	9964379957
37	Karthik V	Assistant Professor	ME	<karthik.mech@sode-edu.in>	8970941008
38	Dr. Gajanana Anne	Associate Professor	ME	mech@sode-edu.in	9743506565
39	Dr. Udaya Prasanna	Professor	ME	udaya.mech@sode-edu.in	9480789148

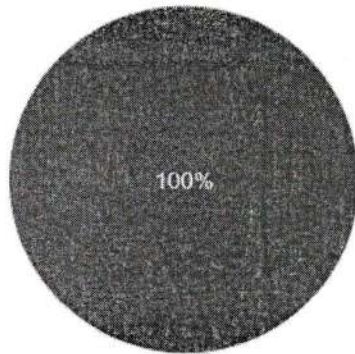
Amr

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Has this session improved your knowledge and skills on EV concepts using Labview

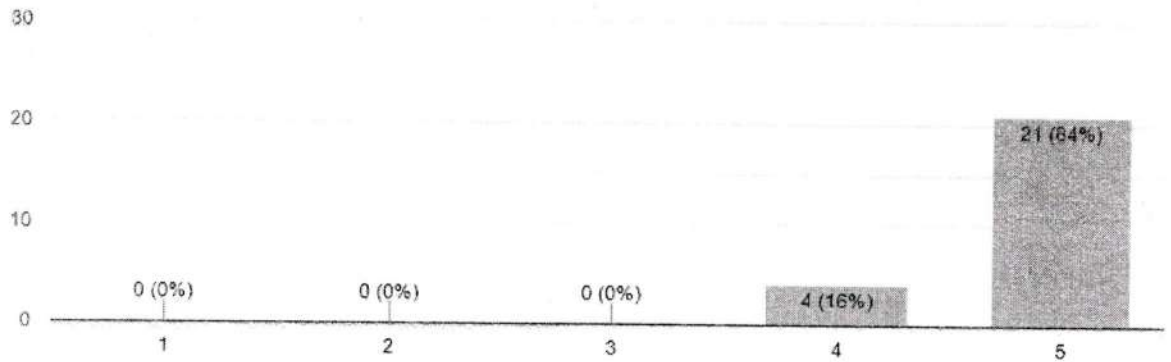
25 responses



- Yes
- No
- May be

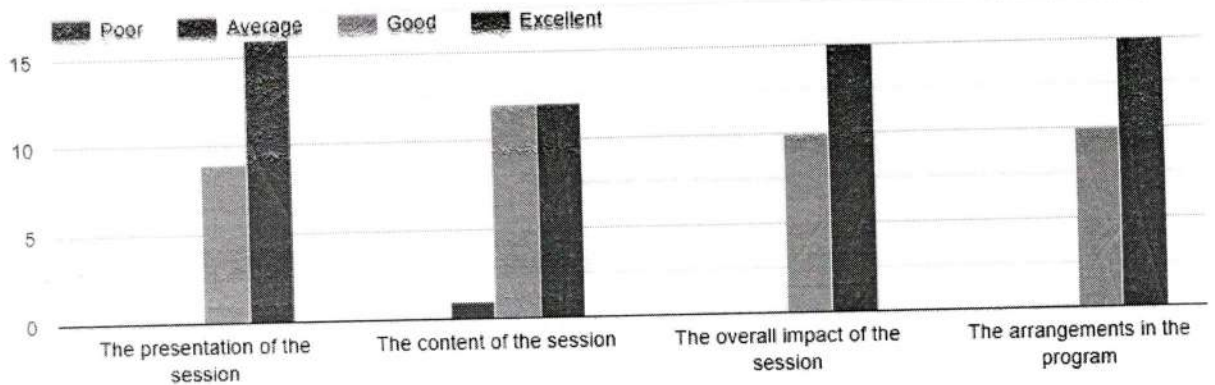
Speaker has put a good effort into explaining things to make me understand

25 responses



Arzcop
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SHP MADHVA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar, Udipi Dist.
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Rate this session



Mention few takeaways of the program

13 responses

Basics of labview, machine learning interface in labview, IOT interface using labview

Understand about smart grid concept

Yes

Effective usages of Labview Tool for many applications

Learned about File Handling, Boost Converter, PMSM Motor and Data Transfer through Data Dashboard

Virtual Instrumentation

Fundamentals on current technologies based on Electric Vehicle and Smart Grid was understood

EVs will be taking over

Graphical programming, Battery management, ML versus DL, power converter and inverter design, electrical motor control, local and remote data transfer

Anoop

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Hands on LabVIEW was excellent.

EV monitoring and controlling using Lab view

EV Motor simulation

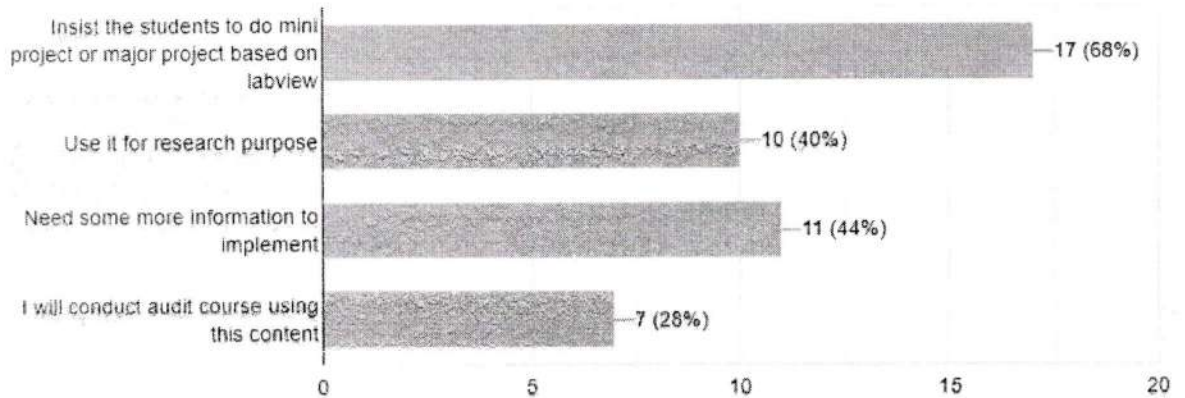
Learnt basics of LabVIEW software

Good exposure to LabVIEW and Multisim software tools, basics about Electric Vehicles and Smart grid, communication models using these tools, etc

Overall view of LabVIEW software, Concept of Hardware in loop and battery management system understanding for EVs

How would you utilize this learnt content in future

25 responses



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INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar, Udipi Dist.
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Any suggestions that would help us improve the quality of the program?

25 responses

No

No suggestion

Good workshop, Thank you

Please do any program related to signal processing

Nice session

Good ENC HOD Sachin sir and Mech HOD has done wonderful work

It was well organized. Thank you

It's better to have continued FDP for atleast three years. So that participants can gain more knowledge and they can utilize for research work/project work

Nothing. No suggestions. It was awesome

Good arrangement. Can arrange similar FDP when all faculties are available

It was very useful program... Thank you all for arranging FDP in online mode also..

No..

Well organized. Thanks for organizing.

No suggestions

None


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None

Better lunch

Every thing was good

Well conducted, Thank you for organising and inviting.

Good presentation and excellent resource person

LabVIEW and hardware interfacing can be doing done in future

Very Informative Session

Some handouts on the lectures will help to grasp the contents better.

No suggestions


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SHRI MADHWA YADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
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Vishwothama Nagara, Bantakal, Udupi-574115, Karnataka



SMVITM



CERTIFICATE OF PARTICIPATION



This is to certify that **Mr. Arun Upadhyaya, Assistant Professor (Senior)** from **Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal** has participated & completed successfully, Five days Faculty Development Program on **"Electric Vehicle and Smart Grid"**, from **14th to 18th March 2022**, jointly organised by Department of Electronics and Communication Engineering and Department of Mechanical Engineering, Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal, Udupi.

[Signature]
Principal
SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar, Udupi Dist.
BANTAKAL - 574 115

Dr. Sachin S Bhat

Head, Dept. of Electronics & Communication Engineering

Dr. Gajanan Anne

Head, Dept. of Mechanical Engineering

Dr. Thirumaleshwara Bhat

Principal, SMVITM



'ಎಲೆಕ್ಟ್ರಿಕ್ ವೆಹಿಕಲ್, ಸ್ಮಾರ್ಟ್ ಗ್ರಿಡ್' ಕಾರ್ಯಾಗಾರ

ವಿಕ ಸುದ್ದಿಯೊಳ ಕಟಪಾಡಿ

ಎಂಟಕಲ್ನು ಶ್ರೀ ಮಧ್ವ ವಾದಿರಾಜ ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯದ ವಿದ್ಯುನ್ಮಾನ ಮತ್ತು ಸಂವಹನ ವಿಭಾಗ ಮತ್ತು ಯಾಂತ್ರಿಕ ವಿಭಾಗವು ಸಂಸ್ಥೆಯ ಐಎಸ್‌ಟಿಐ ಬೋಧಕ ಛಟಕದ ಸಹಯೋಗದೊಂದಿಗೆ ಮಾರ್.14 ರಿಂದ 18ರ ವರೆಗೆ 'ಎಲೆಕ್ಟ್ರಿಕ್ ವೆಹಿಕಲ್ ಮತ್ತು ಸ್ಮಾರ್ಟ್ ಗ್ರಿಡ್' ಎಂಬ ವಿಷಯದ ಕುರಿತು ಐದು ದಿನದ ಬೋಧನಾ ಅಭಿವೃದ್ಧಿ ಕಾರ್ಯಾಗಾರ ನಡೆಯಿತು.

ಎನ್‌ಐಟಿಕೆ ಸುರತ್ಕಲ್ ಇಲ್ಲಿನ ಡಾ. ಕೆಂಕಣ್ಣ ಪೆರುಮಾಳ್ ಮಾತನಾಡಿ, ಮುಂದಿನ 5 ರಿಂದ 10 ವರ್ಷಗಳಲ್ಲಿ ಧಾರತದ ಸಾರಿಗೆ ವ್ಯವಸ್ಥೆಯಲ್ಲಿ ದೊಡ್ಡ ಬದಲಾವಣೆ ಕಾಣಲಿದೆ. ಈಗ ಲಭ್ಯವಿರುವ ಎಂಜಿನ್ ವಾಹನದಿಂದ ಎಲೆಕ್ಟ್ರಾನಿಕ್ ವಾಹನಕ್ಕೆ ಬದಲಾಯಿಸಲು ಬೇಕಾದ ತಗ್ಗುತ್ತೆಯನ್ನು ಪೂರೈಸಲು ಭವಿಷ್ಯದ ಎಂಜಿನಿಯರ್‌ಗಳು ಸಿದ್ಧರಾಗಬೇಕು. ಕಲ್ಲಿದ್ದ ಈ ವಿಷಯದಲ್ಲಿ ಸಂಶೋಧನೆಗಿಂತ



ಎಲೆಕ್ಟ್ರಿಕ್ ವಾಹನ ನಿರ್ವಹಣೆ, ಬ್ಯಾಟರಿ ರೀಚಾರ್ಜ್ ನಿರ್ವಹಣೆ, ಬದಲಿ ಮತ್ತು ವಾಹನ ಸ್ಥಗಿತದಂತಹ ಪರಿಸ್ಥಿತಿಗಳಿಗೆ ಪರಿಹಾರ ನೀಡುವುದರ ಮೇಲೆ ತಂತ್ರಜ್ಞರು ಹೆಚ್ಚು ಗಮನಹರಿಸಬೇಕು ಎಂದರು.

ಸಂವನ್ಮೂಲ ವ್ಯಕ್ತಿಯಾಗಿದ್ದ ಬೆಂಗಳೂರಿನ ಇನ್ಫೋ ಸೊಲ್ಯೂಷನ್ಸ್ ಸಂಸ್ಥೆಯ ಸೀನಿಯರ್ ಅಪ್ಲಿಕೇಶನ್ ಎಂಜಿನಿಯರ್ ಇಸಕ್ ರಾಜ ಎಸ್ ಮಾತನಾಡಿ, ಎಲೆಕ್ಟ್ರಿಕ್ ವಾಹನಗಳ ಕ್ಷೇತ್ರದಲ್ಲಿ ಭವಿಷ್ಯದ ಎಂಜಿನಿಯರ್‌ಗಳಿಗೆ ತರಬೇತಿ ನೀಡುವ ಮಹತ್ವವನ್ನು ಒತ್ತಿ ಹೇಳಿದರು.

ಶ್ರೀ ಸೋದೆ ವಾದಿರಾಜ ಮಠ ಶಿಕ್ಷಣ ಪ್ರತಿಷ್ಠಾನದ ಕಾರ್ಯದರ್ಶಿ ರತ್ನಕುಮಾರ್ ಉದ್ಘಾಟಿಸಿದರು. ಪ್ರಿನ್ಸಿಪಾಲ್ ಡಾ. ತಿರುಮಲೇಶ್ವರ ಭಟ್ ಸಮಾರಂಭದ ಅಧ್ಯಕ್ಷತೆ ವಹಿಸಿದ್ದರು. ರಾಜ್ಯಾದ್ಯಂತ ಹಲವಾರು ಪ್ರಾಧ್ಯಾಪಕರು ಭಾಗವಹಿಸಿದ್ದರು. ವೈಸ್ ಪ್ರಿನ್ಸಿಪಾಲ್ ಡಾ.ಗಣೇಶ್ ಐತಾಳ್ ಉಪಸ್ಥಿತರಿದ್ದರು. ಅನಂತ ಮಲ್ಯ ಅತಿಥಿಗಳನ್ನು ಪರಿಚಯಿಸಿದರು. ಪ್ರಾಧ್ಯಾಪಕ ಶಶಿಕಲಾ ಕಾರ್ಯಕ್ರಮ ನಿರೂಪಿಸಿದರು. ಮೆಕ್ಯಾನಿಕಲ್ ವಿಭಾಗದ ಪ್ರಾಧ್ಯಾಪಕ ಸುಧೀರ್ ವಂದಿಸಿದರು.

(Signature)
Principal
SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar, Udupi Dist.
BANTAKAL - 574 115