



Karnataka Science and Technology Promotion Society

Dept. of Information Technology, Bio Technology and Science & Technology, Government of Karnataka

"Vijnana Bhavan", 3rd Floor, #24/2, 21st Main Road, Banashankari 2nd Stage, Bangalore-7

Ph/fax : 080-26711166, E-mail : ksteps.dst@gmail.com

Dr. H. Honne Gowda

Special Director (Technical),

Dept. of IT, BT and S&T/ Managing director, KSTePS

No. KSTePS/VGST/GRD-683/KFIST(L1)/2018

Dear Sir/Madam,



Date: 27.08.2018

Sub: Intimation of selection of KFIST Level (1) project under the VGST Scheme – reg.

Greetings from KSTePS, Dept. of Information Technology, Biotechnology and Science and Technology!!

We are pleased to inform you that the project titled **"Coplanar Capacitive Coupled Probe Fed Microstrip Antennas with and without Air Gap for UWB and Multiband Applications"** submitted under the VGST scheme of KFIST Level (1) for the Financial Year 2017-18 has been approved by the Government based on the recommendations of Vision Group on Science and Technology under the Chairmanship of Prof. CNR Rao, Honorary President, JNCASR.

The total project grant award for a period of 2 years is Rs. 20.00 lakhs, which will be released annually @ Rs. 10.00 lakhs based on the progress of work. You are requested to take an immediate action to initiate the project at the earliest and to be completed within 2 years after receiving the cheque of 1st instalment from our office.

The grant will be paid to the Head of the Institution, under whose supervision the Principal Investigator shall be responsible for completion of the stated objectives of the project. The Principal Investigator through the Institution Head shall have to submit the progress report in soft copy (word & pdf) once in 6 months without any fail. The grants shall be used only for the purposes described in the grant application by following due procedures of KTPP Act. Any deviation from the scheduled plan must have a prior approval from the VGST.

Please provide the cheque in favour address of your institution, for releasing the sanctioned grants.

*Est/for 4/9/18
ce to Dr VGK
HOD CEE*

Future releases of grants will be based on satisfactory project performance. The funding agency has the right to terminate the project, if it is found to be not satisfactorily pursuing and fulfilling the stated project goals and objectives. Any unspent balance must be returned back to the funding agency within 60 days following the conclusion of the project. Any publications or other dissemination arising from research supported by VGST grants should be acknowledged.

I want to personally thank you for being selected as one of the VGST program members and we wish you and the Principal Investigator a great success in the implementation of the project.

Thanking You

Yours sincerely,


(H. Honne Gowda)

To,

The Principal

SJPN Trust's Hirasugar Institute of Technology

Nidasosi Taluk, Hukeri District, Belagavi-591236

CC:

1. Dr. Veeresh G. Kasabegoudar, Dept. of ECE, SJPN Trust's Hirasugar Institute of Technology, Nidasoshi, Hukeri Taluk, Belagavi District -591 236- **Principal Investigator of KFIST (L1) under VGST scheme.**
2. Consultant, Vision Group on Science & Technology, KSTePS, Dept. of IT, BT and S&T, 7th Floor, 4th block, MS Building, Bengaluru- 560 001

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GOVERNMENT OF KARNATAKA

Vision Group on Science and Technology

Department of Information Technology, Biotechnology and Science & Technology

Karnataka Government Secretariat, No.702, 7th Floor, 4th Stage, M. S. Building, Dr. Ambedkar Veedhi, Bangalore-560 001

Phone: 080-2203 2013, E-mail: visiongroup.st@gmail.com Website: www.vgst.in

No /VGST/GRD-683/2017-18/2018-19/518

31-01-2019

To,

The Principal,
SJPN Trust's Hirasugar Institute of Technology,
Nidasosi, Hukeri Taluk,
Belagavi -591236.

Dear Sir,



Subject : Approval for the submission of PART –A for purchase the Equipment. – GRD –683, under the scheme K-FIST (L1).

With reference to the approval of GRD-683, SJPN Trust's Hirasugar Institute of Technology, Nidasoshi, Hukeri Taluk, Belagavi District proposed by **Dr. Veeresh G. Kasabegoudar**, Department. of Electronic and communication and Engineering, under the scheme **K-Fist L1** the project titled “**Coplanar Capacitive Coupled Probe Fed Microstrip Antennas with and without Air Gap for UWB and Multiband Applications**” was released the grant of Rs 10.00 lakhs for **1st Installment** in the FY: 2017-18 (Cheque no 384883Dt 10/09/2018).

As submitted the PART – A, of GRD-683, by the Grantee Institution requesting for the purchase of Equipment from the **1st Installment**. The details are as follows.

Non-Recurring Budget Estimate under E- Tendering Process for the FY: 2017-18.

Sl NO	Submitted in PART –A under Non –Recurring (ETP) Budget Estimate by Grantee Institution	Amount (Rs)
1	HFSS Software	7,40,000.00
	Total	7,40,000.00

Recurring Budget Estimate for the FY: 2017-18

Sl NO	Submitted in PART –A under Recurring Budget Estimate by Grantee Institution	Amount (Rs)
1	Chemicals	30,000.00
2	Glassware	
3	Plastic ware	
4	Biological Specimen	
5	Electrical and Electronics Spare parts	3,750.00
6	Mechanical spare parts	3,750.00

7	Contingency	10,000.00
8	Book Journals	2,500.00
	Total	50,000.00

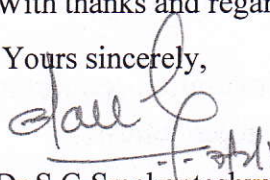
The submitted Proposals and PART - A document details are as follows

Grant Amount	10,00,000.00
TOTAL	10,00,000.00
(A) NON-RECURRING	
E-tendering (ETP)	7,40,000.00
TOTAL	7,40,000.00
(B) RECURRING	
Consumables and Contingency	50,000.00
Total (A+B)	7,90,000.00
Approval as per (PART - A submitted by GI / PC)	10,00,000.00
BALANCE AMOUNT NOT APPROVED	2,10,000.00

In this view, as mentioned in the procurement document (PART-A), you may purchase the equipment through E-Tendering. Please do not deviate the purchase procedure for the procurement of equipment. Please submit the PART-B and PART-C (download in VGST website) to the VGST office after completion of the process. This is for your kind information.

With thanks and regards,

Yours sincerely,


(Dr.S.G.Sreekanteshwara Swamy)

Consultant

CC: Dr. Veeresh G. Kasabegoudar, Department. of Electronic and communication and Engineering, SJPN Trust's Hirasugar Institute of Technology, Nidasoshi, Hukeri Taluk,Belagavi District -591236.

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Dr.VGK
ECE dept
19/2/19



ಕರ್ನಾಟಕ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಪ್ರೋತ್ಸಾಹಕ ಸೊಸೈಟಿ

ಮಾಹಿತಿ ತಂತ್ರಜ್ಞಾನ, ಜೈವಿಕ ತಂತ್ರಜ್ಞಾನ ಹಾಗೂ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಇಲಾಖೆ, ಕರ್ನಾಟಕ ಸರ್ಕಾರ
'ವಿಜ್ಞಾನ ಭವನ' ನಂ: 24/2, 3ನೇ ಮಹಡಿ, 21ನೇ ಮುಖ್ಯ ರಸ್ತೆ, ಬನಶಂಕರಿ 2ನೇ ಹಂತ, ಬೆಂಗಳೂರು-560 070

ದೂರವಾಣಿ/ಫ್ಯಾಕ್ಸ್: 080-26711166 / 26711160 ಇ-ಮೇಲ್: ksteps.dst@gmail.com

ಡಾ. ಹೆಚ್. ಹೊನ್ನೇಗೌಡ
ವ್ಯವಸ್ಥಾಪಕ ನಿರ್ದೇಶಕರು, ಕೆಸ್‌ಟೆಪ್ಸ್

ನಂ. KSTePS/VGST/K-FIST(L1)/2017-18/GRD-683/35/2018-19 / 202/1 ದಿನಾಂಕ: 10.09.2018

ಮಾನ್ಯರೇ,

ವಿಷಯ: 2017-18ನೇ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ದಾರ್ಶನಿಕ ಸಮೂಹದ K-FIST(L1) ಯೋಜನೆಯಡಿಯಲ್ಲಿ
ಮೊದಲನೇ ಕಂತಿನ ಅನುದಾನ ಬಿಡುಗಡೆ ಮಾಡುವುದರ ಬಗ್ಗೆ.

ಉಲ್ಲೇಖ: 1) ಸರ್ಕಾರಿ ಆದೇಶ ಸಂಖ್ಯೆ: ವಿಯಇ 154 ವಿತ್ತಮ 2018(ಭಾಗ-1), ದಿ. 18.08.2018

2) ಕಛೇರಿ ಪತ್ರ ಸಂಖ್ಯೆ: No. KSTePS/VGST/GRD-683/K-FIST(L1)/2018/152, Date: 27.08.2018

ಮೇಲ್ಕಂಡ ವಿಷಯ ಮತ್ತು ಉಲ್ಲೇಖಗಳಿಗೆ ಸಂಬಂಧಿಸಿದಂತೆ, 2017-18ನೇ ಸಾಲಿನಲ್ಲಿ ತಮ್ಮ ಸಂಸ್ಥೆಯಿಂದ ಸಲ್ಲಿಸಿದ ಪ್ರಸ್ತಾವನೆಯಾದ "Coplanar Capacitive Coupled Probe Fed Microstrip Antennas with and without Air Gap for UWB and Multiband Applications" ನ್ನು ವಿತಂದಾಸದ ಪ್ರಮುಖ ಕಾರ್ಯಕ್ರಮವಾದ Karnataka Fund for Infrastructure Strengthening in Science and Technology (K-FIST-L1) ನ ಯೋಜನೆಯಡಿಯಲ್ಲಿ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ದಾರ್ಶನಿಕ ಸಮೂಹವು ಆಯ್ಕೆ ಮಾಡಿದ್ದು, ಅದರಂತೆ ಆದೇಶ ನೀಡಿರುವುದು ಸರಿಯಷ್ಟೆ.

ಈ ಸಂಬಂಧ, ವಿತಂದಾಸದ K-FIST(L1) ಯೋಜನೆಯಡಿ ಆಯ್ಕೆಯಾದ ತಮ್ಮ ಸಂಸ್ಥೆಗೆ ಮೊದಲನೇ ಕಂತಾಗಿ ರೂ. 10.00 ಲಕ್ಷಗಳ ಅನುದಾನವನ್ನು ಬಿಡುಗಡೆ ಮಾಡಲು ದಿನಾಂಕ: 10.09.2018 ರಂದು **The Principal, Hirasugar Institute of Technology, Nidasoshi** ಹೆಸರಿನಲ್ಲಿ ಚೆಕ್ (ಸಂ. 384883) ಬರೆದು, ಸದರಿ ಚೆಕ್‌ನ್ನು ಈ ಪತ್ರದೊಂದಿಗೆ ಲಗತ್ತಿಸಿ ಕಳುಹಿಸಿಕೊಡಲಾಗಿದೆ. ಮುಂದುವರಿದು, ಚೆಕ್ ಸ್ವೀಕರಿಸಿದ ನಂತರ ಸ್ವೀಕೃತಿ ರಶೀದಿ (Acknowledgement) ಯನ್ನು ಕೆಸ್‌ಟೆಪ್ಸ್‌ಗೆ ಕಳುಹಿಸುವುದು ಹಾಗೂ ಸದರಿ ಅನುದಾನವನ್ನು ಯಾವುದಾದರೂ ರಾಷ್ಟ್ರೀಕೃತ ಬ್ಯಾಂಕ್‌ಗಳಲ್ಲಿ ಉಳಿತಾಯ ಖಾತೆಯಲ್ಲಿಟ್ಟು (Saving Bank Account) ಅಗತ್ಯಕನುಗಣವಾಗಿ ಅನುದಾನವನ್ನು ಬಳಸುವಂತೆ ಕೋರಲಾಗಿದೆ.

ಸದರಿ ಅನುದಾನವನ್ನು ಉದ್ದೇಶಿತ ಯೋಜನೆಗೆ ಮಾತ್ರ ಬಳಸಿಕೊಳ್ಳುವುದು ಹಾಗೂ ಎಲ್ಲಾ ವೆಚ್ಚಗಳನ್ನು ಕರ್ನಾಟಕ ಸಾರ್ವಜನಿಕ ಸಂಗ್ರಹಣೆಯಲ್ಲಿ ಪಾರದರ್ಶಕತೆ ಅಧಿನಿಯಮ, 1999ರ (Karnataka Transparency in Public Procurements Act, 1999 - <http://finance.kar.nic.in/index.htm>) ಅನುಸಾರ ಹಾಗೂ ದಾರ್ಶನಿಕ ಸಮೂಹ ಅನುಮೋದಿಸಿರುವ ವಿವಿಧ ಶೀರ್ಷಿಕೆಗಳಿಗೆ ಅನುಗುಣವಾಗಿ ಯೋಜನೆಯನ್ನು ಅನುಷ್ಠಾನಗೊಳಿಸುವುದು.

ಮುಂದುವರಿದು, ಚಿಡುಗಡೆಯಾದ ಅನುದಾನವನ್ನು ಬಳಸಿಕೊಂಡ ನಂತರ ಎಲ್ಲಾ ವೆಚ್ಚಗಳನ್ನು ನೋಂದಾಯಿತ ಲೆಕ್ಕ ಪರಿಶೋಧಕರಿಂದ ಆಡಿಟ್ ಮಾಡಿಸಿ, ಈ ಪತ್ರದೊಂದಿಗೆ ಲಗತ್ತಿಸಿರುವ ನಮೂನೆಯಲ್ಲಿ (Format) ದೃಢೀಕರಿಸಿದ ಖಜ್ಜೆವೆಚ್ಚಗಳನ್ನೊಳಗೊಂಡ ಉಪಯೋಗತಾ ಪ್ರಮಾಣಪತ್ರವನ್ನು ದ್ವಿಪ್ರತಿಯಲ್ಲಿ ಕೆಸ್ಟೆಪ್ ಸಂಸ್ಥೆಗೆ ಕಳುಹಿಸಿಕೊಡುವುದು. ಸದರಿ ಯೋಜನೆಗೆ ಸಂಬಂಧಪಟ್ಟ ಎಲ್ಲಾ ಲೆಕ್ಕ ಪತ್ರಗಳನ್ನು ಸಂರಕ್ಷಿಸಿಡುವುದು ಹಾಗೂ ಮಹಾಲೇಖಪಾಲಕರು ಮತ್ತು ಸರ್ಕಾರವು ತಪಾಸಣೆಗಾಗಿ ಕೋರಿದಲ್ಲಿ ತಪ್ಪದೇ ಒದಗಿಸುವುದು. ಈ ಯೋಜನೆಗೆ ಸಂಬಂಧಿಸಿದಂತೆ ಪ್ರತ್ಯೇಕ ದಾಖಲೆ ಪುಸ್ತಕವನ್ನು ಸಹ ನಿರ್ವಹಿಸಬೇಕೆಂದು ಕೋರುತ್ತೇನೆ.

ಹೆಚ್ಚಿನ ಮಾಹಿತಿಗಾಗಿ ಡಾ|| ಎಸ್. ಜಿ. ಶ್ರೀಕಂಠೇಶ್ವರ ಸ್ವಾಮಿ, ಸಮಾಲೋಚಕರು, ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ದಾರ್ಶನಿಕ ಸಮೂಹ ಇವರನ್ನು ಸಂಪರ್ಕಿಸಬಹುದು. ದೂರವಾಣಿ ಸಂಖ್ಯೆ 080- 22032013
ಇ-ಮೇಲ್: visiongroup.st@gmail.com

ವಂದನೆಗಳೊಂದಿಗೆ,

ತಮ್ಮ ವಿಶ್ವಾಸಿ,



ವ್ಯವಸ್ಥಾಪಕ ನಿರ್ದೇಶಕರು

ಇವರಿಗೆ,

Principal

SJPN Trust's Hirasugar Institute
of Technology, Nidasoshi, Hukeri Taluk
Belagavi District -591236

→ ಪ್ರತಿ: 1) Dr. Veeresh G. Kasabegoudar, Dept. of ECE, SJPN Trust's Hirasugar Institute of Technology, Nidasoshi, Hukeri Taluk, Belagavi District -591236.

2) ಡಾ|| ಎಸ್. ಜಿ. ಶ್ರೀಕಂಠೇಶ್ವರ ಸ್ವಾಮಿ, ಸಮಾಲೋಚಕರು, ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ದಾರ್ಶನಿಕ ಸಮೂಹ, 7ನೇ ಮಹಡಿ, 4ನೇ ಹಂತ, ಬಹುಮಹಡಿ ಕಟ್ಟಡ, ಬೆಂಗಳೂರು- 560 001

Schedule of the STTP

This STTP program will be conducted in three phases from November 2020 to December 2020.

The schedules for the phases are as indicated below:

Phase 1: 23rd - 28th Nov 2020

<https://forms.gle/J8VnaD9Wb46EZGxh6>

(Last date for registration: 13th Nov 2020)

Phase 2: 7th -12th Dec 2020

<https://forms.gle/E6FAGKspQTnm4Gk87>

(Last date for registration: 27th Nov 2020)

Phase 3: 14th -19th Dec 2020

<https://forms.gle/xWi1m5Lh5dnHqgsEA>

(Last date for registration: 4th Dec 2020)

Participants can join this program by selecting the above mentioned schedules. Intimation to the participant about confirmation of Registration shall be given through mail.

Important Information for the Participants

- No Registration fee.
- This STTP is only for faculty members of the AICTE approved institutions, research scholars, PG students, participants from Government and Industry. The participants who have attendance 80% and more and also score minimum 60% in the online test will be issued a digital certificate.
- The FDP will be conducted in online mode. Participants willing to participate in this online STTP should arrange the relevant online gadgets viz., laptop/desktop/smart phone with adequate internet connectivity and other audio visual facilities, as required for online training.

• CHIEF PATRONS:

His Holiness Jagadguru Pancham
Sri Shivalingeshwar Mahaswamiji
Siddha Sansthan Math Nidasoshi

Prof. Anil D. Sahasrabudhe
Chairman, AICTE, New Delhi

• PATRONS:

Prof. M.P. Poonia
Vice Chairman, AICTE, New Delhi

Col. B. Venkat
Director, Faculty Development Cell
AICTE, New Delhi

Shri. G. M. Patil
Secretary, S.J.P.N. Trust Nidasoshi

• CONVENER:

Dr. S. C. Kamate
Principal, HSIT Nidasoshi

• PROGRAM COORDINATOR:

Dr. Basavaraj. V. Madiggond
Prof. & HOD, EEE, HSIT Nidasoshi

• ORGANIZING TEAM:

EEE Department Faculty & Staff

• CONTACT DETAILS:

Prof. Hemalata R Zinage
Prof. Mahesh P Yanagimath
Prof. Onkar B Heddurshetti
e-mail: eee.sttp@hsit.ac.in
mob: 8073512609, 9341449466, 9448420509



AICTE Sponsored
Online

Short Term Training Program (STTP)
on

“Battery Management and Control
Techniques in Electric Vehicles”

Organized by



Department of
Electrical & Electronics Engineering



S J P N Trust's
Hirasugar Institute of Technology
Nidasoshi – 591236, Dist- Belagavi
Karnataka

Accredited at 'A' Grade by NAAC
Programmes Accredited By NBA: CSE, ECE, EEE & ME

About the Institute

Vision

"To be a preferred institution in Engineering Education by achieving excellence in teaching and research and to remain as a source of pride for its commitment to holistic development of individual and society"

Mission

"To continuously strive for the overall development of students, educating them in a state of the art infrastructure, by retaining the best practices, people and inspire them to imbibe real time problem solving skills, leadership qualities, human values and societal commitments, so that they emerge as competent professionals"

With the vision & foresight of His Holiness Shri Pancham Nijalingeshwar Mahaswamiji, the Ninth pontiff of Shri Siddha Sansthan Math, Nidasoshi, Shri Jagadguru Pancham Nijalingeshwar (SJPN) Trust was founded in the year 1984 with the sole purpose of imparting quality education to the needy masses. Under this trust, Hirasugar Institute of Technology, Nidasoshi was established in the year 1996. The management of HSIT is a benevolent body of individuals drawn from various walks of life. Eminent personalities from both industry & academia are overseeing the activities of institution. The college is spread over a sprawling 48.26 acres of greenery & natural surroundings. The college is affiliated to Visvesvaraya Technological University (VTU), Belagavi & approved by All India Council for Technical Education (AICTE), New Delhi & recognized by the Government of Karnataka. The institute offers 4 years BE Degree courses in 1. Electrical & Electronics Engineering 2. Mechanical Engineering 3. Electronics & Communication Engineering 4. Computer Science & Engineering. All the above mentioned courses are accredited by NBA. The Institute is accredited at "A" grade by NAAC. From AY 2020-21 a new program in Civil Engineering has been

started. The institute also runs a Post Graduate Course in Thermal Engineering. The E&E, Mechanical Engineering, E&C, and Chemistry Department have been recognized as Research Centers by V.T.U.

About the Department

The department of Electrical & Electronics Engineering was established in the year 1996 with the intake of 60. The department is accredited by National Board of Accreditation (NBA). The department is recognized as research centre by VTU, Belagavi. Department has signed MoU with HESCOM Hubballi, PATCO Transformer Industries Nipani, Renutron Power Solutions, Kolhapur and InfySky Belagavi. The Department houses world class Laboratories to satisfy the thirst of budding technocrats. We believe in holistic approach in teaching - learning methods. Dedicated and experienced faculty members provide the best services in uplifting the standards of students.

About the STTP

Electric vehicles are becoming an inevitable part in larger transportation system. They offer a cleaner mode of transportation by reducing green-house gas emissions and local air pollutants as well as energy dependence without scarifying performance. This One Week AICTE Sponsored STTP is serving to be a great platform for participants to upgrade their knowledge in the area of "Battery Management and Control Techniques in Electric Vehicles". Where-in participants will get an insight and hands-on exposure to advanced improvements, research avenues and detailed aspects of electric vehicles.

Content to be covered

- Environmental Impacts and History of Modern transportation. / Climate angle to EV.
- EV/HEV Configuration and Architecture.
- Control Applications to HEV.
- Battery Technology and Future trends.
- Battery Management Systems.
- Energy Management in EVs
- Electric Drives for EV applications.
- SRM Drives for EVs.

- Suitability of BLDC Motor for EV Application
- P. E. Converters for EVs.
- Automotive P. E. Converters for EVs.
- Safety, Testing, Regulation & Standards in EVs.
- Control Techniques for P. E. Converters.
- Modeling and Simulations of EV/HEV.
- Modeling and Simulations of PE Converter for EVs.
- Modeling and Simulations of Batteries & Balancing.
- G2V, V2G Communication
- Chargers for EVs.
- Power Electronics Applications to EV Charging Stations.
- Research Avenues in EVs.

Resource Persons


Key Note Speakers:

Dr. S. Rajashekharaiya Founder VC, VTU Belagavi

Dr. Ashok. Rao Former Head, Network Project, CEDT, IISc Bangalore

Dr. H. P. Kincha Former VC, VTU Belagavi & Ex. Chairman, Manipal University Jaipur

- Dr. H N Nagaraja Pro-VC GE University, Dehradun
- Dr. Ashok Rao, IISc, Bangalore
- Dr L Ashok Kumar PSG Tech
- Dr Bhanu Pratap NIT Kurukshetra
- Mr. Gopal Athani TATA TECHNOLOGIES
- Dr. Abhijeet Kshirsagar IIT Dharwad
- Dr Chandrasekhar P IIT Bhuvaneshwar
- Dr. Ramulu NIT Warangal
- Dr. D S More Walchand College of Engg
- Dr. Ragavan IIT Gandhinagar
- Dr. B. V. Madiggond HSIT Nidasoshi
- Dr. Satish Naik IIT Dharwad
- Dr. Sanjeevkumar R. A. PDA CoE, Gulbarga
- Dr. Suryanarayana K NMAMIT Nitte
- Dr. Pramod Naik AI Edge Innovations
- Mr. Jayaprakash Sabarad, GE Trans, Bangalore
- Dr. K. Selvajyoti, IIITDM, Kancheepuram
- Dr. Dharavath Kishan NIT, Surthkal
- Dr. Sanjeev Nayak L&T Tech. services
- Dr. D. B. Kulkarni, GIT, Belagavi
- Dr. Sreejith S. NIT Silcher

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SCHEDULE

“AICTE Sponsored STTP-1 on Battery Management and Control Techniques in EVs” 23rd to 28th November 2020

Day 1: 23/11/2020		
Time	Programme	
9.00 am – 10.00 am	Inauguration Key Note Address by Prof. Rajashekhariah, Founder Vice Chancellor, Visvesvaraya Technological University, Belagavi.	
	Overview and History of Electric Vehicles	
10.00 am – 11.30 am	Session 1:	Environmental Impacts and History of Modern transportation. By -Dr. H N Nagaraja Pro-VC GE, University, Dehradun
11.30 am – 11.45 am	Tea/Coffee Break	
11.45 am – 01.15 pm	Session 2:	EV/HEV Configuration and Architecture. By - Dr. L. Ashok Kumar, Professor, Dept. of EEE PSG College of Technology, Coimbatore.
1.15 pm -2.15 pm	Lunch Break	
2.15 pm – 3.45 pm	Session 3:	Control Applications to HEV. By-Dr Bhanu Pratap Asst. Professor, Dept. of EEE NIT, Kurukshetra

Day 2: 24/11/2020		
Time	Programme	
	Battery Technology	
10.00 am – 11.30 am	Session 1:	Battery Technology and Future trends. By-Mr. Gopal Athani, Automotive Electrical/Electronic Systems Engineer, Tata Technologies, Pune.
11.30 am – 11.45 am	Tea/Coffee Break	
11.45 am – 01.15 pm	Session 2:	Battery Management Systems. By-Dr. Abhijeet Kshirsagar, Asst. Professor, Dept. of Electrical Engg. IIT, Dharwad
1.15 pm -2.15 pm	Lunch Break	
2.15 pm – 3.45 pm	Session 3:	Energy Management in EVs By-Dr Chandrasekhar P, Asst. Professor, School of Electrical Sciences, IIT, Bhubaneshwar.



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Day 3: 25/11/2020

Time	Programme	
	Electric Drives	
10.00 am – 11.30 am	Session 1:	Electric Drives for EV applications. Dr. Ramulu, Asst. Professor, Department of Electrical Engg, NIT, Warangal.
11.30 am – 11.45 am	Tea/Coffee Break	
11.45 am – 01.15 pm	Session 2:	Suitability of BLDC Motor for EV Application By-Dr. Ragavan K Associate Professor, Dept. Electrical Engineering, IIT, Gandhinagar.
1.15 pm -2.15 pm	Lunch Break	
2.15 pm – 3.45 pm	Session 3:	SRM Drives for EVs. By- Dr. D. S. More, Professor, Electrical Engg. Dept. Walchand College of Engg. Sangli.

Day 4: 26/11/2020

Time	Programme	
	P. E. Converters and Controls	
10.00 am – 11.30 am	Session 1:	P. E. Converters for EVs. By- Dr. B. V. Madiggond, Professor and Head, Dept.of EEE Hirasugar Institute of Technology, Nidasoshi.
11.30 am – 11.45 am	Tea/Coffee Break	
11.45 am – 01.15 pm	Session 2:	Automotive P. E. Converters for EVs. By- Dr. Satish Naik, Asst. Professor, Department of Electrical Engineering, IIT, Dharwad.
1.15 pm -2.15 pm	Lunch Break	
2.15 pm – 3.45 pm	Session 3:	Control Techniques for P. E. Converters. By- Dr. Suryanarayana K, Professor, EEE Dept. NMAMIT, Nitte.

Day 5: 27/11/2020

Time	Programme	
	Modeling and Simulations	
10.00 am – 11.30 am	Session 1:	Modeling and Simulations of EV/HV. By-Dr. Pramod Kumar Nayak, Manager at AIEI Pvt Ltd, Bangalore.
11.30 am – 11.45 am	Tea/Coffee Break	
11.45 am – 01.15 pm	Session 2:	Modeling and Simulations of EV/HV. By-Dr. Pramod Kumar Nayak, Manager at AIEI Pvt Ltd, Bangalore.
1.15 pm -2.15 pm	Lunch Break	
2.15 pm – 3.45 pm	Session 3:	G2V, V2G Communication. By- Dr. Dharavath Kishan, Asst. Professor, Dept. of EEE NIT, Surthkal



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Day 6: 28/11/2020

Time	Programme	
	Charging of EVs	
10.00 am – 11.30 am	Session 1:	Chargers for EVs. By- Dr. Sanjeev Nayak, Specialist and Project Manager, L&T Tech. Services, Bengaluru.
11.30 am – 11.45 am	Break	
11.45 am – 01.15 pm	Session 2:	Research Avenues in EVs. By- Dr Sreejith S, Asst. Professor, Dept. of EEE, NIT, Silchar
1.15 pm -2.15 pm	Lunch Break	
2.15 pm – 3.45 pm	Session 3:	Test & Valedictory -


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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGG.

AICTE Sponsored STTP-1 on "Battery Management and Control Techniques in EVs"

List of Candidates who have successfully completed STTP-1

Sl. No.	Name of the Candidate	Institute/Organization	E-mail ID
1	Smt. A.O.Lalitha Tripura Sundari	S G Balekundri Institute of Technology, Karnataka	lalitha.darbha@sgbit.edu.in
2	Shri. Anandhakumar C	Sri Ramakrishna Institute of Technology, Tamil Nadu	canandhakumar03@gmail.com
3	Dr Sukhwinder Singh Dhillon	Ajay Kumar Garg Engineering College, Uttar Pradesh	dhillonsukhwinder@akgec.ac.in
4	Dr. Amit Dilipkumar Ved	Marwadi University, Gujarat	amit.ved@marwadieducation.edu.in
5	Dr. Irinjila Kranthi Kiran	MVGR College of Engineering, Vizianagaram, Andhra Pradesh	kranthiirinjila@gmail.com
6	Dr. Nilesh V. Shah	Sarvajani College of Engineering & Technology, Surat, Gujarat	nilesh.shah@scet.ac.in
7	Dr. Shipra Bhati	The Oxford College of Engineering Bangalore, Karnataka	shiprabhati@yahoo.com
8	Dr.A.S.S.Murugan	CVR College of Engineering, Telangana	assm17174@gmail.com
9	Dr.T.Suresh Padmanabhan	E.G.S. Pillay Engineering College, Tamil Nadu	drtsp@egspec.org
10	Smt. Gouthami Eragamreddy	G.Narayanamma Institute of Technology Science, Telangana	gouthami.erp@gmail.com
11	Smt. Janhavi M Karekar	Kls Gogte Institute of Technology, Belagavi, Karnataka	vmkarekar@git.edu
12	Shri. Lingaraj Vaidya	B. V. V. S. Polytechnic (Autonomous), Bagalkot, Karnataka	vaidya.lingaraj@gmail.com
13	Mr. Jagdish Dholwani	National Institute of Technology Silchar, Assam	jagdishdholwani@gmail.com
14	Smt. Purnima Savadatti	Dr. AD Shinde College of Engineering And Technology, Badagaon, Maharashtra	purnimamy2013@gmail.com
15	Shri. Rajib Kumar Kar	CVR College of Engineering, Telangana	rajbkrkar@yahoo.co.in
16	Shri. Ramashis Banerjee	NIT Silchar, Assam	ramashisbanerjee@gmail.com
17	Shri. Shivanand Hirekodi	Hirasugar Institute of Technology, Nidasoshi, Karnataka	sdhirekodi.eee@hsit.ac.in
18	Smt. Sunitha N S	Acharya Institute of Technology, Karnataka	sunitha@acharya.ac.in
19	Shri. Uvesh Sipai	Marwadi University, Rajkot, Gujarat	uvesh.sipai@marwadieducation.edu.in

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Program Coordinator
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**AICTE Sponsored One Week
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"Battery Management and Control Techniques in Electric Vehicles"

23rd to 28th November 2020

Certificate of Participation

This is to certify that

Lingaraj Vaidya

of

B. V. V. S. Polytechnic (Autonomous), Bagalkot
has successfully attended AICTE Sponsored One Week Online Short Term Training Program
on **"Battery Management and Control Techniques in Electric Vehicles"**

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Program Coordinator
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SCHEDULE

“AICTE Sponsored STTP-2 on Battery Management and Control Techniques in EVs” 7th to 12th December 2020

Day 1: 07/12/2020		
Time	Programme	
9.00 am – 10.00 am	Inauguration Key Note Address by Dr. Ashok Rao, Former Head, CEDT, IISc Bangalore.	
	Overview and History of Electric Vehicles	
10.00 am – 11.30 am	Session 1:	Climate angle to EV By - Dr. Ashok Rao, Former Head, CEDT, IISc, Bangalore.
11.30 am – 11.45 am	Tea/Coffee Break	
11.45 am – 01.15 pm	Session 2:	EV/HEV Configuration and Architecture. By - Dr. L. Ashok Kumar, Professor, Dept. of EEE PSG College of Technology, Coimbatore.
1.15 pm -2.15 pm	Lunch Break	
2.15 pm – 3.45 pm	Session 3:	Control Applications to HEV. By-Dr Bhanu Pratap Asst. Professor, Dept. of EEE NIT, Kurukshetra


Day 2: 08/12/2020		
Time	Programme	
	Battery Technology	
10.00 am – 11.30 am	Session 1:	Battery Technology and Future trends. By-Mr. Gopal Athani, Automotive Electrical/Electronic Systems Engineer, Tata Technologies, Pune.
11.30 am – 11.45 am	Tea/Coffee Break	
11.45 am – 01.15 pm	Session 2:	Battery Management Systems. By-Dr. Abhijeet Kshirsagar, Asst. Professor, Dept. of Electrical Engg. IIT, Dharwad
1.15 pm -2.15 pm	Lunch Break	
2.15 pm – 3.45 pm	Session 3:	Energy Management in EVs By-Dr Chandrasekhar P, Asst. Professor, School of Electrical Sciences, IIT, Bhubaneshwar.

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Day 3: 09/12/2020		
Time	Programme	
	Electric Drives	
10.00 am – 11.30 am	Session 1:	Electric Drives for EV applications. By-Dr. Ramulu, Asst. Professor, Department of Electrical Engineering, NIT, Warangal.
11.30 am – 11.45 am	Tea/Coffee Break	
11.45 am – 01.15 pm	Session 2:	Suitability of BLDC Motor for EV Application By-Dr. Ragavan K Associate Professor, Dept. Electrical Engineering, IIT, Gandhinagar.
1.15 pm -2.15 pm	Lunch Break	
2.15 pm – 3.45 pm	Session 3:	SRM Drives for EVs. By- Dr. D. S. More, Professor, Electrical Engg. Dept. Walchand College of Engg. Sangli.

Day 4: 10/12/2020		
Time	Programme	
	P. E. Converters and Controls	
10.00 am – 11.30 am	Session 1:	P. E. Converters for EVs. By- Dr. B. V. Madiggond, Professor and Head, Dept.of EEE Hirasugar Institute of Technology, Nidasoshi.
11.30 am – 11.45 am	Tea/Coffee Break	
11.45 am – 01.15 pm	Session 2:	Automotive P. E. Converters for EVs. By- Dr. Satish Naik, Asst. Professor, Department of Electrical Engineering, IIT, Dharwad.
1.15 pm -2.15 pm	Lunch Break	
2.15 pm – 3.45 pm	Session 3:	Control Techniques for P. E. Converters. By- Dr. Suryanarayana K, Professor, EEE Dept. NMAMIT, Nitte.

Day 5: 11/12/2020		
Time	Programme	
	Modeling and Simulations	
10.00 am – 11.30 am	Session 1:	Modeling and Simulations of PE Converter for EVs. By- Mr. Jayaprakash Sabarad, Engineering Technical Leader, GE Transportation, Bangalore.
11.30 am – 11.45 am	Tea/Coffee Break	
11.45 am – 01.15 pm	Session 2:	Modeling and Simulations of PE Converter for EVs. By- Mr. Jayaprakash Sabarad, Engineering Technical Leader, GE Transportation, Bangalore.
1.15 pm -2.15 pm	Lunch Break	
2.15 pm – 3.45 pm	Session 3:	G2V, V2G Communication By- Dr. Dharavath Kishan, Asst. Professor, Dept. of EEE NIT, Surthkal

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Day 6: 12/12/2020		
Time	Programme	
	Charging of EVs	
10.00 am – 11.30 am	Session 1:	Chargers for EVs. By- Dr. Sanjeev Nayak, Specialist and Project Manager, L&T Tech. Services, Bengaluru
11.30 am – 11.45 am	Break	
11.45 am – 01.15 pm	Session 2:	Research Avenues in EVs. By- Dr Sreejith S, Asst. Professor, Dept. of EEE, NIT, Silchar
1.15 pm -2.15 pm	Lunch Break	
2.15 pm – 3.45 pm	Session 3:	Test & Valedictory -


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List of Candidates who have successfully completed STTP-2


Sl. No.	Name of the Candidate	Institute/Organization	E-mail ID
1	Shri. Abhinay Gupta	KLE Dr. M S Sheshgiri College of Engg And Tech, Belagavi, Karnataka	abhinay.gupta@klescet.ac.in
2	Shri. Darshan N Inamdar	Hirasugar Institute of Technology, Nidasoshi, Karnataka	dninamdar.mech@hsit.ac.in
3	Shri. Amit Neshti	Hirasugar Institute of Technology, Nidasoshi, Karnataka	auneshti.eee@hsit.ac.in
4	Shri. Mangukiya Khodabhai	Shree Swami Atmanand Saraswati Institute of Technology, Surat, Gujarat	maheshmangukiya@gmail.com
5	Miss. Pallavi P Dixit	Dr. A.D.Shinde College of Engineering, Gadhinglaj, Maharashtra	pallavispdixit@gmail.com
6	Smt. Shilpa Suryavanshi	Dr. A. D. Shinde College of Engineering, Gadhinglaj Maharashtra	shilpasurya424@gmail.com
7	Shri. Sangameswara K N	Sri Taralabalu Jagadguru Polytechnic Harapanahalli	kavanaks1971@gmail.com
8	Shri. Suresh Akkole	Hirasugar Institute of Technology, Nidasoshi, Karnataka	sbakkole.ece@hsit.ac.in
9	Smt. Shubha Baravani	Jain College of Engineering Belagavi, Karnataka	shubhabaravani9@gmail.com
10	Shri. Anirban Giri	Modern Institute of Engineering & Technology, West Bengal	anirbangiri2016@gmail.com
11	Shri. Debadyuti Banerjee	Modern Institute of Engineering & Technology, West Bengal	banerjee.debadyuti@gmail.com
12	Shri. Vinod Patil	Jain College of Engineering, Belagavi, Karnataka	vinodsunp@gmail.com
13	Shri. H K Shivakumar	Sri Taralabalu Jagadguru Polytechnic Harapanahalli, Karnataka	shivakumar302ee@gmail.com
14	Miss.S Arulmozhi	Sri Venkateswara College of Engineering, Tamilnadu	arul.eee2k3@gmail.com
15	Smt. Renjini E Nambiar	MVJCE, Karnataka	renjininambiar@mvjce.edu.in
16	Smt. Shanmugavadivu Natarajan	Sri Venkateswara College of Engineering, Tamilnadu	vadivu@svce.ac.in
17	Dr. Soumya Mishra	MVJ College of Engineering, Bangalore	soumya.mishra@mvjce.edu.in
18	Shri. Veerappa M Hanagodi	Sri Taralabalu Jagadguru Polytechnic Harapanahalli, Karnataka	tanmay302@gmail.com
19	Smt. V.Karkuzhali	RMD Engineering College, Tamilnadu	vkarkuzhali.eee@rmd.ac.in
20	Smt. Kalaivani Chandramohan	Sri Manakula Vinayagar Engg College, Puducherry	kalaivani46@pec.edu
21	Smt. Valarmathi E R	Thiagarajar Polytechnic College, Salem	varanashree68@gmail.com
22	Shri. Shubham Chand	NSHM Knowledge Campus Durgapur	shubhamchand.19@nshm.edu.in
23	Miss. Savita Kundargi	B.V.V.S Polytechnic (Autonomous), Bagalkot	savitakundaragi@gmail.com



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Sl. No.	Name of the Candidate	Institute/Organization	E-mail ID
24	Smt. Anzum Ansari	Acharya Institute of Technology,	anzumansari@gmail.com
25	Shri. Revansiddappa L Badami	B.V.V.S.Polytechnic (Autonomous), Bagalkot, Karnataka	revan.badami@gmail.com
26	Smt. Mayalakshmi Pillai	Ahmedabad Institute of Technology, Gujarat	mayalakshmi.pillai@aitindia.in
27	Shri. Pramod Patil	Hirasugar Institute of Technology, Nidasoshi, Karnataka	pramodpatil.ece@hsit.ac.in
28	Dr.Suneeta	Vemana Institute of Technology, Karnataka	suneeta@vemanait.edu.in
29	Dr. Sujata F Harlapur	Vemana Institute of Technology, Karnataka	sujataharlapur@vemanait.edu.in
30	Shri. Vishnu C	Government Engineering College, Thrissur	cvishnu793@gmail.com
31	Shri. Dadi Ramu	Government Engineering College, Thrissur	ramudadis111@gmail.com
32	Shri. Janakkumar B. Patel	S.N.Patel Institute of Technology And Research Centre, Gujarat	jainepatel@gmail.com
33	Shri. Vireshkumar Mathad	Jain College of Engineering Belagavi, Karnataka	vireshmathad@gmail.com
34	Shri. Shidlingayya Chatradamath	Jain College of Engineering Belagavi, Karnataka	siddumc07@gmail.com
35	Shri. Sachin S Patil	Hirasugar Institute of Technology, Nidasoshi, Belagavi	sachinpatil.ece@gmail.com
36	Shri. Varaprasad N L	Malnad College of Engineering, Hassan, Karnataka	varaprasadnl@gmail.com
37	Dr.B.Devi Vighneshwari	The Oxford College of Engineering, Bangalore	devioxford@gmail.com
38	Shri. Pramod Murari	Hirasugar Institute of Technology Nidasoshi, Karnataka	pramodmurari.eee@hsit.ac.in
39	Shri. Dattatray Kumbhar	Hirasugar Institute of Technology Nidasoshi, Karnataka	dmkumbar.ece@hsit.ac.in
40	Shri. Sagar Sudhakar Birade	Hirasugar Institute of Technology Nidasoshi, Karnataka	sagarbirade.eee@hsit.ac.in
41	Smt. Hemalata R Zinage	Hirasugar Institute of Technology Nidasoshi, Karnataka	hrzinage.eee@hsit.ac.in
42	Dr K R Sakthivel	Hindusthan College of Engineering And Technology, Coimbatore	krsakthivel.mech@hindusthan.net
43	Smt. Nisha C Rani	The Oxford College of Engineering, Bangalore	nishashamin.eee@gmail.com
44	Mr. Jayakumar N	The Oxford College of Engineering, Bangalore	jayakumar.kns@gmail.com
45	Shri. Madhu K N	Tontadarya College of Engineering Gadag, Karnataka	madhuknc@gmail.com
46	Dr. Sheela A Sangam	KLS Gogte Institute of Technology Belagavi, Karnataka	sasangam@git.edu


 Program Coordinator
H. O. D.
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**AICTE Sponsored One Week
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Short Term Training Program on**

"Battery Management and Control Techniques in Electric Vehicles"

7th to 12th December 2020

Certificate of Participation

This is to certify that

Dr.B.DEVI VIGHNESHWARI

of

THE OXFORD COLLEGE OF ENGINEERING

has successfully attended AICTE Sponsored One Week Online Short Term Training Program
on "Battery Management and Control Techniques in Electric Vehicles"

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**Dr. B. V. Madiggond
Program Coordinator
HOD, EEE**

**Dr. S. C. Kamate
Principal**

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SCHEDULE

"AICTE Sponsored STTP-3 on Battery Management and Control Techniques in EVs" 14th to 19th December 2020

Day 1: 14/12/2020		
Time	Programme	
9.00 am – 10.00 am	Inauguration Key Note Address by Dr. H. P. Kincha, Former Vice Chancellor, Visvesvaraya Technological University, Belagavi.	
	Overview and History of Electric Vehicles	
10.00 am – 11.30 am	Session 1:	Environmental Impacts and History of Modern transportation. By- Dr. H N Nagaraja Pro-VC GE, University, Dehradun
11.30 am – 11.45 am	Tea/Coffee Break	
11.45 am – 01.15 pm	Session 2:	EV/HEV Configuration and Architecture. By- Dr. L. Ashok Kumar, Professor, Dept. of EEE PSG College of Technology, Coimbatore.
1.15 pm -2.15 pm	Lunch Break	
2.15 pm – 3.45 pm	Session 3:	Control Applications to HEV. By-Dr Bhanu Pratap Asst. Professor, Dept. of EEE NIT, Kurukshetra

Day 2: 15/12/2020		
Time	Programme	
	Battery Technology	
10.00 am – 11.30 am	Session 1:	Battery Technology and Future trends. By-Mr. Gopal Athani, Automotive Electrical/Electronic Systems Engineer, Tata Technologies, Pune.
11.30 am – 11.45 am	Tea/Coffee Break	
11.45 am – 01.15 pm	Session 2:	Battery Management Systems. By-Dr. Abhijeet Kshirsagar, Asst. Professor, Dept. of Electrical Engg. IIT, Dharwad
1.15 pm -2.15 pm	Lunch Break	
2.15 pm – 3.45 pm	Session 3:	Energy Management in EVs. By-Dr Chandrasekhar P, Asst. Professor, School of Electrical Sciences, IIT, Bhubaneshwar.



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Day 3: 16/12/2020		
Time	Programme	
	Electric Drives	
10.00 am – 11.30 am	Session 1:	Electric Drives for EV applications. By-Dr. Ramulu, Asst. Professor, Department of Electrical Engineering, NIT, Warangal.
11.30 am – 11.45 am	Tea/Coffee Break	
11.45 am – 01.15 pm	Session 2:	Suitability of BLDC Motor for EV Application. By-Dr. Ragavan K Associate Professor, Dept. Electrical Engineering, IIT, Gandhinagar.
1.15 pm -2.15 pm	Lunch Break	
2.15 pm – 3.45 pm	Session 3:	SRM Drives for EVs. By- Dr. D. S. More, Professor, Electrical Engg. Dept. Walchand College of Engg. Sangli.

Day 4: 17/12/2020		
Time	Programme	
	P. E. Converters and Controls	
10.00 am – 11.30 am	Session 1:	P. E. Converters for EVs. By- Dr. B. V. Madiggond, Professor and Head, Dept.of EEE Hirasugar Institute of Technology, Nidasoshi.
11.30 am – 11.45 am	Tea/Coffee Break	
11.45 am – 01.15 pm	Session 2:	Safety, Testing , Regulation and Standards in EVs. By-Dr. Sanjeevkumar R. A., Asst. Professor, Dept. of EEE PDA College of Engineering, Gulbarga.
1.15 pm -2.15 pm	Lunch Break	
2.15 pm – 3.45 pm	Session 3:	Control Techniques for P. E. Converters. By- Dr. Suryanarayana K, Professor, EEE Dept. NMAMIT, Nitte.

Day 5: 18/12/2020		
Time	Programme	
	Modeling and Simulations	
10.00 am – 11.30 am	Session 1:	Modeling and Simulations of Batteries and Balancing. By-Dr. K. Selvajyoti, Asst. Professor, E&C Engg. Dept. IIITDM, Kancheepuram.
11.30 am – 11.45 am	Tea/Coffee Break	
11.45 am – 01.15 pm	Session 2:	Modeling and Simulations of Batteries and Balancing. By-Dr. K. Selvajyoti, Asst. Professor, E&C Engg. Dept. IIITDM, Kancheepuram.
1.15 pm -2.15 pm	Lunch Break	
2.15 pm – 3.45 pm	Session 3:	G2V, V2G Communication. By- Dr. Dharavath Kishan, Asst. Professor, Dept. of EEE NIT, Surthkal.



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E&E Engg. Dept.

AICTE-SITP

Schedule

AY 2020-21

Day 6: 19/12/2020		
Time	Programme	
	Charging of EVs	
10.00 am – 11.30 am	Session 1:	EMI/EMC issues in Power Converters used in EVs. By- Ms. Uma Maheswari Y, Manager Technology, Pramura Software Private Limited, Coimbatore.
11.30 am – 11.45 am	Break	
11.45 am – 01.15 pm	Session 2:	Research Avenues in EVs. By- Dr Sreejith S, Asst. Professor, Dept. of EEE, NIT, Silchar
1.15 pm -2.15 pm	Lunch Break	
2.15 pm – 3.45 pm	Session 3:	Test & Valedictory -

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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGG.

AICTE Sponsored STTP-3 on "Battery Management and Control Techniques in EVs"

List of Candidates who have successfully completed STTP-3

Sl. No.	Name of The Candidate	Institute/Organization	E-mail ID
1	Dr. S F Harlapur	BVVS S R Vastrad Rural Polytechnic Guledgud	shantufh19@gmail.com
2	Shri. B R Umarane	SJPN Trust's Polytechnic, Nidasoshi, Karnataka	brumarane@gmail.com
3	Miss.Vartika Rao	IIT(ISM),Dhanbad	raovartika79@gmail.com
4	Mr.Mohan S Sonale	Sharad Institute of Technology College of Engineering, Maharashtra	sonale.mohan@gmail.com
5	Shri. K M Gurudeva	S T J Polytechnic Harapanahalli	guruhodeept302@gmail.com
6	Shri. C.Vageesh	S T J Polytechnic Harapanahalli	stjpvag@gmail.com
7	Dr.Lakshmikanth.S	Acharya Institute of Technology, Karnataka	lakshmikanth@acharya.ac.in
8	Shri. Basawaraj Hebbale	Dr. A. D. Shinde College of Engineering, Gadhinglaj	basawaraj.hebbale@gmail.com
9	Shri.Kalagouda S Patil	Dr.A.D.Shinde College of Engineering, Gadhinglaj	kalagoudaspatil541@gmail.com
10	Shri. Chandrakant P.Tupale	Government Polytechnic Zalaki Tal Indi Dist Vijayapura	cptupale@gmail.com
11	Dr. Manjunath S. Hanagadakar	Hirasugar Institute of Technology, Nidasoshi, Karnataka	mshanagadakar.chem@hsit.ac.in
12	Shri. Somashekar D P	SDM Institute of Technology, Ujire, Karnataka	somashekardp@sdmit.in
13	Shri.Mallikarjun Matur	B.V.V.S.Polytechnic(Autonomous), Bagalkot	mallikarjun.matur@gmail.com
14	Smt. Sunita S Malaj	Hirasugar Institute of Technology, Nidasoshi, Karnataka	ssmalaj.ece@hsit.ac.in
15	Dr C Sharmeela	DEEE CEG Anna University Chennai	sharmeela20@yahoo.com
16	Shri. M P Yanagimath	Hirasugar Institute of Technology, Nidasoshi, Karnataka	maheshyanagimath.eee@hsit.ac.in
17	Shri. Hemant Kumar Verma	Shri Shankracharya Group of Institutions, Chattishgarh	verma1588@yahoo.in
18	Shri. Pavak Mistry	Marwadi University, Gujarat	pavak.mistry@marwadieducation.edu.in
19	Shri.Krunal R. Chaudhari	Shree Swami Atmanand Saraswati Institute Of Technology, Surat	kkrunal2270@gmail.com
20	Shri. Shashank Chiniwalar	Tata Technologies, Karnataka	shashankmchiniwalar@gmail.com
21	Prof Gaurangkumar Sharma	B.V.M Engineering College. Vallabhvidyanagar	Gksharma@bvmengineering.ac.in
22	Dr.S.N.Topannavar	Hirasugar Institute of Technology Nidasoshi, Karnataka	sntopannavar.mech@hsit.ac.in
23	Shri. Mahantesh Tanodi	Hirasugar Institute of Technology Nidasoshi, Karnataka	mtanodi@gmail.com



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Sl. No.	Name of The Candidate	Institute/Organization	E-mail ID
24	Dr. Mohan S Futane	Hirasugar Institute of Technology Nidasoshi, Karnataka	mohanfutane.mech@hsit.ac.in
25	Smt. Sujata Huddar	Hirasugar Institute of Technology Nidasoshi, Karnataka	huddarsujata88@gmail.com
26	Shri. Onkar B Heddurshetti	Hirasugar Institute of Technology Nidasoshi, Karnataka	obheddurshetti.eee@hsit.ac.in
27	Shri. Duradundi Madihalli	Hirasugar Institute of Technology Nidasoshi, Karnataka	dbmadihalli.ece@hsit.ac.in
28	Shri. Shreevijay Ittannavar	Hirasugar Institute of Technology Nidasoshi, Karnataka	ssittannavar.ece@hsit.ac.in
29	Smt. Bhavaling Alias Pratima Khot	Hirasugar Institute of Technology Nidasoshi, Karnataka	pratimak1128@gmail.com
30	Smt. Geetanjali Sinha	SSTC SSGI Bhilai, Chhattisgarh	geetanjalisinhaa@gmail.com
31	Shri. Madhusudhan S	Acharya Institute of Technology, Karnataka	madhusudhans@acharya.ac.in
32	Shri. Vasantkumar Upadhye	Angadi Institute of Technology And Management, Belagavi	vkupadhye@gmail.com
33	Smt. Rekha C M	Acharya Institute of Technology, Karnataka	rekhaem@acharya.ac.in
34	Shri. Keshav Negalur	Hirasugar Institute of Technology Nidasoshi, Karnataka	Keshrash@gmail.com
35	Smt. T.Murugeswari	Hindusthan College of Engineering And Technology, Coimbatore	hiceteeetm@hindusthan.net
36	Smt. Sujata S. Kamate	Hirasugar Institute of Technology, Nidasoshi, Karnataka	sskamate.ece@hsit.ac.in
37	Smt. Prabha Maheswari M	Sri Ramakrishna Institute of Technology, Coimbatore	prabhamaheswari.eee@srit.org
38	Smt. Venu Sangwan	Graphic Era University, Deharadun	venusangwan.ee@geu.ac.in
39	Shri. Santhosh Raikar M	S.T.J.Institute of Technology Ranebennur, Karnataka	santhuee020@gmail.com
40	Shri. Iranna Makarabbi	SKSVMACET Laxmeshwar, Karnataka	inmakarabbi@gmail.com

30/12/20
Program Coordinator
H. O. D.
Electrical & Electronics Engg.
Hirasugar Institute of Technology
NIDASOSHI-591236



**AICTE Sponsored One Week
Online
Short Term Training Program on**

"Battery Management and Control Techniques in Electric Vehicles"

14th to 19th December 2020

Certificate of Participation

This is to certify that

MADHUSUDHAN S

of

ACHARYA INSTITUTE OF TECHNOLOGY

has successfully attended AICTE Sponsored One Week Online Short Term Training Program
on "Battery Management and Control Techniques in Electric Vehicles"

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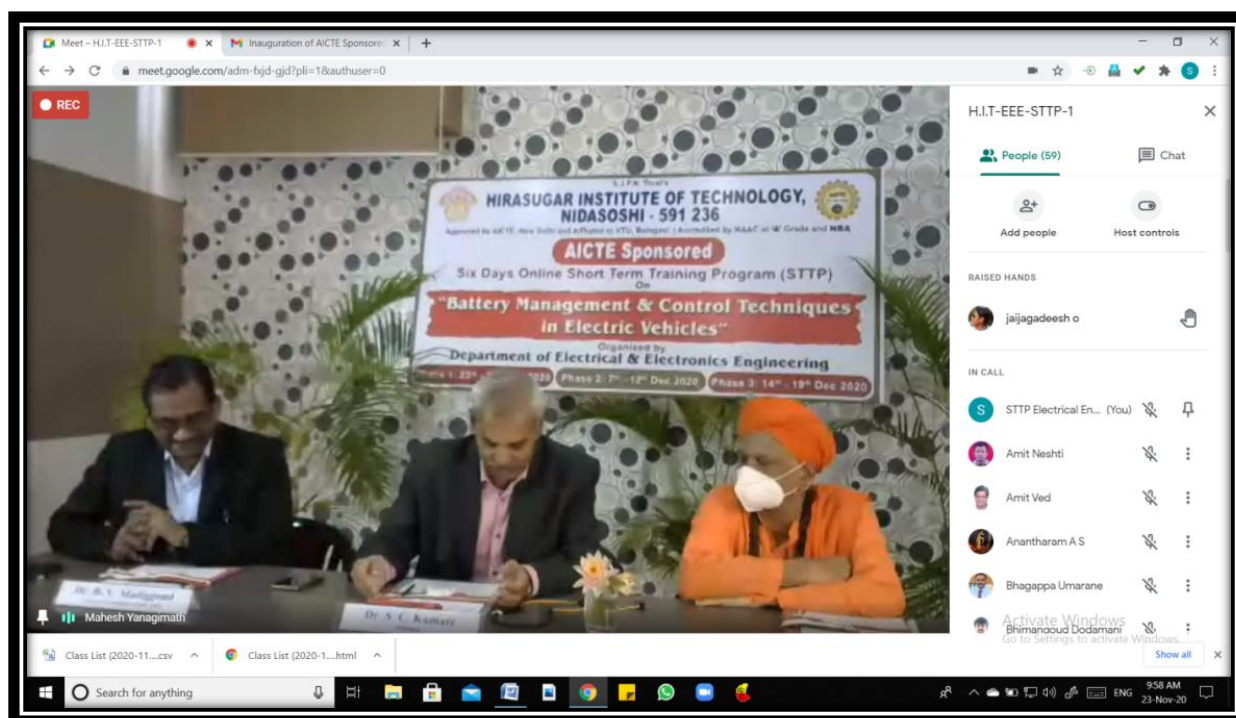
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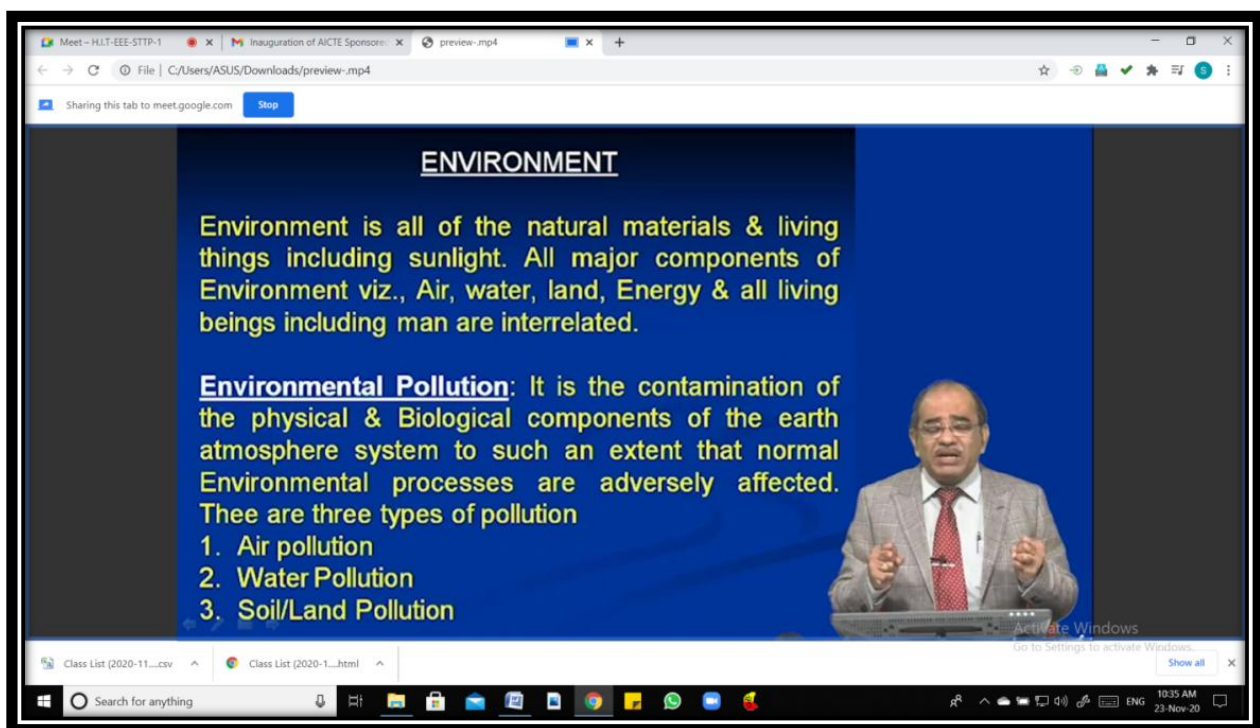
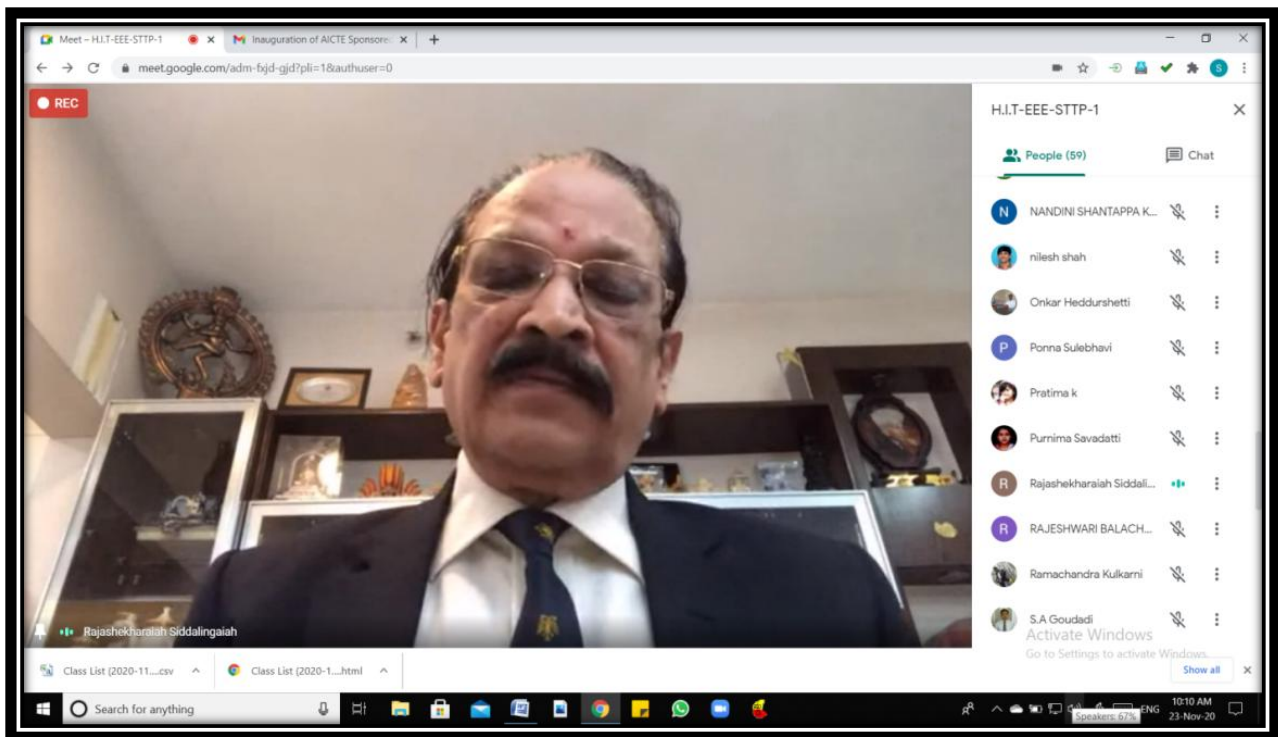
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Dr. B. V. Madiggond
Program Coordinator
HOD, EEE

Dr. S. C. Kamate
Principal

Photos of AICTE Sponsored STTP on “Battery Management and Control Techniques in EVs”





Meet - H.I.T-EEE-STTP-2 x Swamiji speech electronic.mp4 x

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H.I.T-EEE-STTP-2

People (37) Chat

Let everyone send messages

MANGUKIYA MAHESH 08:58
Good morning... every one

You 09:03
Dear all, good morning, please pin on Hemalata Zinage

Rameshaiah Gn 09:08
Banners Background is reverly displaying

You 09:11
Dear all, mute yourself and also keep your video off

You 09:17
Dear participants mute your audio and keep your video off. Thank You

Activate Windows
Go to Settings to activate Windows.
Send a message to everyone

H.I.T-EEE-STTP-2

RAKSHITHA ... Pallavi S P Dixit dr sujata harl... Shilpa Suryav... STTP Electric... Onkar Heddur... Rajeshwari N... VISHNU C

Valarmathi E.R Rameshaiah ... MANGUKIYA ... saurabh chan... Anzum Ansari Dr. Suneeta Karkuzhali V Pramod Patil

Arulmozhi Su... B Ramu EEE Vireshkumar ... Vaman bv Snehal Thabaj Keshav Negal... Mahesh Yana... Suresh Akkole

KALAIVANI C Amit Neshti Debadyuti Banerjee S.I.Shivamoggimath

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H.I.T-EEE-STTP-2

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Ashok Rao

Search for anything

9:33 AM 07-Dec-20

