



S.J.P.N Trust's
Hirasugar Institute of Technology, Nidasoshi

Inculcating Values, Promoting Prosperity

(Approved by AICTE, Recognized by Govt. of Karnataka and Affiliated to VTU Belagavi)



NEWS@eeHIT



Electrical & Electronics Staff & Students Association
Department of Electrical & Electronics Engg.



JULY-2021

VOLUME-12

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"

DEPARTMENT

VISION

"To be a centre of excellence in teaching and learning to produce the competent & socially responsible professionals in the domain of Electrical & Electronics Engineering."

MISSION

"To educate students with core knowledge of Electrical and Electronics Engineering by developing problem solving skills, professional skills, social awareness to excel in their career."



FROM PRINCIPAL'S DESK



It gives me an immense pleasure to know that the Electrical and Electronics Engineering Department is releasing NEWS@eeHIT volume 12.

I appreciate the collective efforts of editorial team, all staff and students in bringing out this news letter. The publication of such news letter is to showcase the activities conducted in the department as well as achievement of staff and students in the curricular and co-curricular events.

I congratulate editorial team, HOD, Staff and students of EESSA family for putting their endless efforts in bringing out this news letter in fantastic way. I wish all the best.

Dr. S. C. Kamate, Principal.

FROM HOD'S DESK

"Efforts never ends even after a success"

Every challenge brings in lot of opportunities. The long lockdown due to COVID-19 pandemic has drastically changed the college schedules and confined our young powerhouses of energy to their homes, but their creativity is not locked down. Even while staying at home our enthusiastic students have kept themselves busy and productive whether it is learning new skills or working on their hobbies. The present situation has given them a chance to look at, and explore their talents. This news-letter brings glimpses of the activities taken up by our dashing students as well as our staff.

I congratulate the editorial team for their efforts in giving this news-letter a wonderful shape.

FROM HOD'S DESK



**Dr. B. V. Madiggond
HOD, Dean Academics**

EESSA BOARD

President	Dr. S. C. Kamate
Chairman	Dr. B. V. Madiggond
Staff coordinators	Prof. H. R. Zinage Prof. O. B. Heddurshetti
Student Coordinator	Miss. Ranjana Kadam

EDITORIAL BOARD

Chief Editors	Prof. S. S. Birade Shri. R. S. Bardol
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FROM CHIEF EDITORS'S DESK



During the last 11 volumes written and rewritten every year listing the achievements of students and staff for the academic year. I pick up courage to release it for publication as it stands, with the entire anachronism, is due entirely to the encouragement of the HOD and my colleagues. I am enormously happy to present before you, NEWS@eeHIT vol 12, 2020-21 the department News letter. The newsletter gives information of department activities and achievements done by students and staff of Electrical & Electronics Engineering Department. I thank and congratulate the students for their participation and success in various events and competitions; which became the rich content for this news letter.

Prof. S. S. Birade

FACULTY MEMBERS OF OUR DEPARTMENT

Sl. No	Name	Designation	Qualification	Specialization	Professional Membership	Teaching Experience (in years)
1	Dr. B. V. Madiggond	Professor (HOD)	ME., Ph.D	Power Electronics	ISTE	28
2	Prof. V. B. Dhere	Asst. Professor	M.E	E&TC	ISTE	27
3	Prof. S. D. Hirekodi	Asst. Professor	M. Tech.	Power Electronics	ISTE	21
4	Prof. H. R. Zinage	Asst. Professor	M. Tech.	Power System	ISTE	21
5	Prof. M. P. Yanagimath	Asst. Professor	M. Tech.	VLSI & ES	ISTE	16
6	Prof. O. B. Heddurshetti	Asst. Professor	M. Tech.	Power Electronics	ISTE, MIAE	15
7	Prof. A. U. Neshti	Asst. Professor	M. Tech.	Digital Electronics	ISTE	13
8	Prof. P. M. Murari	Asst. Professor	M. Tech.	Power System & Power Electronics	ISTE	10
9	Prof. S. S. Birade	Asst. Professor	M. Tech.	VLSI & ES	ISTE	09
10	Prof. K. B. Negalur	Asst. Professor	M. Tech.	Industrial Electronics	ISTE	08
11	Prof. S. G. Huddar	Asst. Professor	M. Tech.	Power System	ISTE	07

TECHNICAL SUPPORTING STAFF

Sl. No	Name	Designation	Qualification	Experience (in years)
1	Shri. R. S. Bardol	Instructor	D.E.E	25
2	Shri. S. B. Beelur	Instructor	D.E.E	29
3	Shri. V. M. Mutalik	Instructor	D.E&C.E	18

SUPPORTING STAFF

Sl. No	Name	Designation	Qualification	Experience (in years)
1	Shri. I. B. Madyali	Peon	SSLC	25
2	Shri. A. D. Kumbhar	Peon	7 th Std.	25



BRANCH TOPPERS

1st Semester

I RANK



Miss. Jyoti Benawadi
85.37%

II RANK



Miss. Saniya Choudari
80.00%

III RANK



Mr. Malakarisisidda Metri
68.62%

2nd Semester

I RANK



Mr. Kunal Mane
81.75%

II RANK



Miss. Ashwini Baragi
81.5%

III RANK



Miss. Amisha A Akkole
81.13%

3rd Semester

I RANK



Mr. Akash Tukare
74.88%

II RANK



Miss. Ashwini Baragi
74.66%

III RANK



Mr. Suraj Drakshe
73.88%

4th Semester

I RANK



Mr. Hanamant Bhoomar
82.77%

II RANK



Miss. Pratiksha Ankalikar
80.11%

III RANK



Miss. Kaveri Patil
79.00%

BRANCH TOPPERS

5th Semester

I RANK



Miss. Pratiksha P. Ankalikar
76.6%

II RANK



Mr. Hanamant Bhoomar
74.7%

III RANK



Miss. Laxmi S. Katate
73.0%

6th Semester

I RANK



Miss. Ranjana Kadam
85.37%

II RANK



Miss. Nadira Choudhari
84.37 %

III RANK



Miss. Megha Prakash Ambi
82.62%

7th Semester

I RANK



Miss. Ranjana Kadam
84.25%

II RANK



Miss. Pooja R. Keste
82.25%

III RANK



Miss. Megha Prakash Ambi
80.37%

8th Semester

I RANK



Miss. Spoorti Sattigeri
87.00 %

II RANK



Miss. Tousipa Gargad
84.57 %

III RANK



Miss. Deepa Javejar
84.28%

DEPARTMENT ACTIVITIES

Seminar on “Intellectual Property Rights and Patent Filing” (Co-Curricular)

A seminar on “Intellectual Property Rights and Patent Filing” was jointly organized by EESSA and Alumni Association HSIT on 10th October 2020 for all the staff members. Resource person Shri. Ramachandra Kulkarni, IPR Consultant, TCS, Bangalore gave details about different forms of IPR and their importance. He explained step by step process of filing the patent.



Webinar on “Solar Power Inverter”



**SJPN TRUST'S
HIRASUGAR INSTITUTE OF TECHNOLOGY
NIDASOSHI, KARNATAKA**

Department of Electrical & Electronics Engineering

Webinar on
SOLAR POWER INVERTER

12/06/2021
02:30 PM - 03:30 PM

Convenor:
Dr.B. V. Madiggond
Professor & HOD, Dept. of EEE

Co-ordinators:
Prof. H. R. Zinage
Assistant Professor
Prof. O. B. Heddurshetti
Assistant Professor

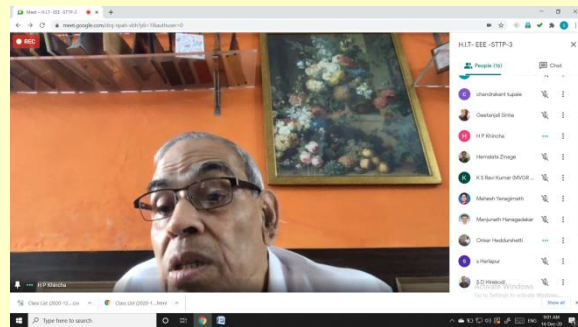
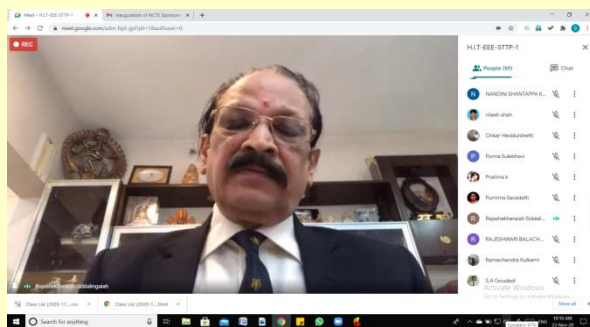
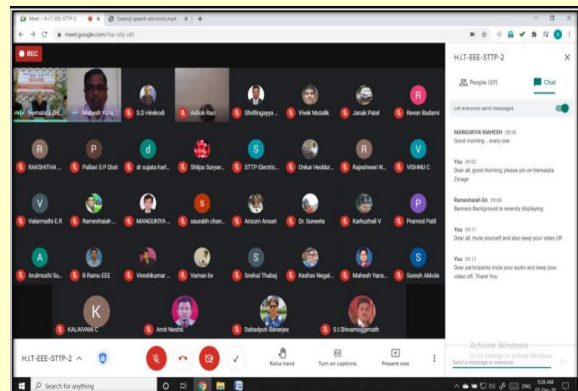
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www.pantechlearning.com

EESSA in association with Pantech e Learning organized a national level webinar on “**Solar Power Inverter**” on 12th June 2021 at 2:30pm to 3:30pm for the staff and students of engineering colleges all over India. The resource person of the webinar Mr.Srinivasan N., Technical Lead, Pantech Prolabs India Pvt. Ltd, Chennai, discussed about Solar Power Generation, types of batteries, types of converters, controllers and simulation techniques of inverters using MatLab Simulink. Total 219 participants from various Engineering colleges all over India attended the webinar.

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



Department has received a grant of Rs.2,93,333/- from AICTE New Delhi for conducting 6 days short term training program (STTP) to the faculty of AICTE affiliated engineering colleges. The title of the STTP was “Battery Management and Control Techniques in EVs” organized during Phase-1: 23rd to 28th Nov. 2020, Phase-2: 7th to 12th Dec. 2020 and Phase-3: 14th to 19th Dec. 2020. The program coordinator was Dr. Basavaraj V. Madiggond. STTP dealt with a systematic exposition of topics such as environmental impacts and history of modern transportation, EV/HEV configuration and architecture control aspects and strategies employed in EVs/HEVs, Battery management technologies and systems, Drive used for EVs, PE converters for EVs, Safety, Testing, Regulation and standards in EVs etc., Besides, giving detailed discussion on basic principles and practices. The program has provided hands on training on modeling of converters.

The course contents have been taught by eminent experts in the field having adequate teaching and research experience. A program has opened up several avenues for the research enthusiasts more than 250 faculty members, research scholars, working professionals have participated and benefitted from the program.

National Energy Conservation Week

Rally for Awareness Program on “Energy Conservation” on the occasion of National Energy Conservation Week-2020-21

To create awareness about the energy conservation and Energy Efficiency, a rally was organized by Department of Electrical and Electronics Engineering in association with KREDL, Bangalore on 23rd Dec 2020 from Hirasugar Institute of Technology campus to Shri Math Nidasoshi. The rally started from HSIT covering all the areas of the village the procession was taken to Shri Math Nidasoshi, where Shri. Shivalingeswar Mahaswamiji of Shri Math, Nidasoshi addressed the gathering. The Principal and HOD’s of the sister concern institutes, nearly 120 staffs and 160 students of SJPN Trust’s Hirasugar Institute of Technology, BCA college, Polytechnic, PU college and CBSE School have actively participated in rally. Banner and ply card holdings containing slogans about energy conservation were displayed and tips for energy conservation and energy efficiency pamphlets were distributed to rural community.



Extra Curricular Events

Poster Presentation

EESSA in association with Karnataka Renewable Energy Development Ltd (KREDL) Bengaluru organized poster presentation competition for the students of HSIT, SJPN Trust's Polytechnic, BCA and PU College Nidasoshi on 9th January 2021. Total 16 groups participated in the event. Each group prepared the posters on the given theme “**Energy Conservation**”. The event was judged by Prof. M. S. Futane Assistant. Prof., Department of Mechanical Engineering and Prof. S. D. Hirekodi Assistant Prof, Department of Electrical & Electronics Engineering. Mr. Girish Hiremath & Miss. Gitanjali Patil of 5th Sem, CSE, HSIT, Nidasoshi secured first prize and won a cash prize of Rs.1500 and certificate. Miss. Rutika Patil & Miss. Samrudhi Vajantri of SJPN Trust's Polytechnic, Nidasoshi secured second prize and won cash prize of Rs.1000 and certificate. Miss. Pooja Wali & Miss Sneha Hattiyavar of SJPN Trust's BCA College, Nidasoshi secured third prize and won a cash prize of Rs.750 and certificate. Participation certificates were given to all the remaining participants.



Yoga for mental Peace (Extra-Curricular)

Description of Activity: EESSA has organized “yoga for mental peace” for the students of EEE department on 12-02-2021 from 11am to 1pm in yoga hall, sports complex HSIT Nidasoshi. Total 26 students and all the faculty and staff members of EEE department participated in the event. Mr. Kartik Magadum, a certified yoga instructor who is also the alumnus of EEE department, HSIT was the resource person. Prof. O. B. Heddurshetti, EESSA coordinator welcomed the gathering and introduced the resource person. The event started with theoretical aspects regarding importance of yoga for mental peace. He advised to incorporate yoga into routine life which can help to enhance our physical & mental health, increase strength, flexibility and reduce the symptoms of stress, depression and anxiety. The demonstration of yoga started with warm up exercises and continued with Pranayams. Prof. Hemalata Zinage, EESSA coordinator presented memento to the resource person Mr. Kartik Magadum. The event concluded with vote of thanks by Prof. O. B. Heddurshetti.



STUDENTS ACHIEVEMENTS

S. No.	Student Name	Name of Event	Prize/Award
1	Mr. Gajanand Koli	Workshop on Full Stack Web Development	Participation
		Electrical Quiz-II	Participation
2	Miss. Sanober Gadamaphalli	Webinar on “Protective Switchgear-Impact and Analysis”	Participation
		National Level online Quiz on Power System Engineering	Participation
		National Level online Quiz on Electric Machines	Participation
		National Level online Quiz on Electrical & Electronic Measurements	Participation
		National Level online Quiz on Power Electronics & Applications	Participation
		Electrical Quiz-1	Participation
		National Level online Quiz on Control System Engineering	Participation
		National Level E-Quiz on Electric Vehicles	Participation
3	Miss. Rekha Paraganve	Workshop on Full Stack Web Development	Participation
		Webinar on Education Abroad	Participation
		Student Development program on “Design and Modeling of Power Electronic Converters” organized by Sai Vidya institute of Technology, Bangalore	Participation
		4 Week online Summer Internship Program	Participation
		Webinar on “H1B, COVID and your American Education Dream”	Participation
		Webinar on “Energy and Environment Problems Facing the Third World and their Probable Solutions for Sustainable Development and Poverty Alleviation”	Participation
		Webinar on CAT Exam and Career in Management	Participation
		Webinar on Professional Communication Skills	Participation
		National Level E-Quiz on Electric Vehicles	Participation
		Math E-Quiz	Participation
		National Level online Quiz on Power System Engineering	Participation
		National Level online Quiz on Power Electronics & Applications	Participation
		National Level online E-Quiz on Machine Tools and Operations	Participation
		National Level online Quiz on Control System Engineering	Participation
		National Level online Quiz on Electric Drives	Participation
National Level online Quiz on Electrical & Electronic Measurements	Participation		

S. No.	Student Name	Name of Event	Prize/Award
4	Mr. Raghuram Bhajantri	Webinar on Automated Brain Segmentation using Multi-model-brain scan	Participation
		Webinar on AI & Machine Learning	Participation
		Webinar on wind Energy Power Conversion	Participation
		Webinar on Wireless Charging for Electric Vehicle	Participation
		Webinar on Block Chain Technology	Participation
		Sports Quiz by MyGov Manipur	Participation
		Mentoring YUVA Quiz	Participation
		Management program offered by B-school on fundamental knowledge of E-Commerce	Participation
		Workshop on Full Stack Web Development	Participation
5	Mr. Suraj Drakshe	IMPETUS 2K20, 'C' My Skill	Participation
6	Mr. Vaibhav mugale	National level Quiz Organized by IEEE Student Branch of SIT, Yadrav	Participation
		Webinar on Solar Power Inverter	Participation
7	Mr. Vishal Patil	Webinar on Solar Power Inverter	Participation
8	Miss. Renuka Ganager	National level Quiz Organized by IEEE Student Branch of	Participation
		Course on Top 5 test-taking strategies to ace Campus	Participation
		Course on How to improve your Placement Quotient?	Participation
		National Level E-Quiz on Electric Vehicles	Participation
9	Miss.Soumya Mangavati	Industry Webinar on Power Electronic in Industry	Participation
		Webinar Series on Satellite and Automation	Participation
		National Level online Quiz on Electric Machines	Participation
		National Level online E-Quiz on Machine Tools and	Participation
		National Level online Quiz on Control System Engineering	Participation
		National Level online Quiz on Electrical & Electronic	Participation
		National Level E-Quiz on Electric Vehicles	Participation
		National Level online Quiz on Power System Engineering	Participation
10	Mr. Mahantesh Elavi	National level E-Quiz on Power Electronics & Applications	Participation
		National level E-Quiz on Control System Engineering	Participation
		National level E-Quiz on Electrical Machines	Participation
		An online non-credit course on DeepLearning.AI	Participation
		Course on Azure Machine Learning Development: 1 Basic	Participation
		Webinar on Education Abroad	Participation
		Workshop on Full Stack Web Development	Participation
11	Mr. Shivaprasad	Webinar on Solar Power Inverter	Participation
12	Miss. Kaveri Rainapur	Course on How to improve your Placement Quotient?	Participation

Sponsored Projects

Sponsoring Agency	Project Title	Student Name	Guided by
KSCST	Design and Implementation of Advanced Plant Leaf Disease Detection and Climatic Parameters Monitoring of Plants	Sachin Shirigiri Malikrehan Darur Shinde Sayali Praveen V Janamatti	Prof. O. B. Heddurshetti

STAFF ACHIEVEMENTS

Dr. Basavaraj V. Madiggond

- ❖ Member Board of studies (BoS), Electrical Engineering, Visvesvaraya Technological University, Belagavi.
 - Includes framing, revising of syllabus and CO's for UG, PG and PhD with respect to Revised Blooms Taxonomy.
- ❖ Institute level IQAC co-ordinator.
- ❖ Received AICTE Grant of Rs 3 lakhs to organize STTP on “Battery Management and Control Techniques in EVs”
- ❖ Received a grant of Rs.50,000/- from Karnataka Renewable Energy Development Ltd., (KREDL) for organizing activity on Energy Conservation & Energy Efficiency.
- ❖ Organized Webinar on “Energy and Environment Problems Facing the Third World and their Probable Solutions for Sustainable Development and Poverty Alleviation” by Dr. D. P. Kothari, Ex. Director IIT, Delhi & Ex. Vice-Chancellor, VIT, Vellore on 27/07/2020
- ❖ Organized Webinar on Solar power Inverter by Pantech Solutions.
- ❖ Resource Person at AICTE Sponsored STTP Phase 1, 2 and 3 on “Battery Management and Control Techniques in EVs”.
- ❖ Attended Five Day Online Faculty Development Program on “Recent Research Developments in Electrical Engineering” held on 4th August 2020 @ PESITIM Shimoga.
- ❖ Second International Conference on VLSI, Signal Processing, Power Electronics, IoT, Communication and Embedded Systems (VSPICE-2020) held on 22nd and 23rd December 2020 at N. M. A. M. Institute of Technology, Nitte.
- ❖ Virtual conference organized by the Department of Electrical & Electronics Engineering, NMAM Institute of Technology, Nitte during 22 and 23 December 2020.
- ❖ Organized Seminar on “Intellectual Property Rights and Patent Filing” by Shri. Ramachandra Kulkarni, IPR Consultant, TCS, Bangalore on 10/10/2020 at Hirasugar Institute of Technology, Nidasoshi
- ❖ Completed NPTEL 12 weeks SWAYAM course on Power Electronics.
- ❖ Organized a webinar on “Solar Power Inverter” by Pantech E-learning Ltd., Bengaluru on 12th June 2021.
- ❖ Published a paper on “Design and Implementation of Z-Source Based Multilevel Inverter” in Sambodhi, UGC Care journal, ISSN: 2249-6661, Vol-43, No.-03 (III) November-December (2020).
- ❖ Presented and Published a paper on “Design and Implementation of Z-Source Based Multi-Level Inverter” in the proceedings of an international conference on ‘Continuity, Consistency and Innovation in Applied Sciences and Humanities’ (ICCIASH-2020) during 13th and 14th August 2020 held at St. Martin’s Engineering College, Secunderabad, Telangana.
- ❖ Attended 5 webinars on various advanced topics during COVID-19 pandemic.

Prof. Shivanand D. Hirekodi

- ❖ Attended Energy Fest organized on the eve of "National Energy Conservation Week" held on 23rd Dec 2020 at HIT Nidasoshi in association with Karnataka Renewable Energy Development Ltd.
- ❖ Presented a paper entitled “ Design and Implementation of High power LED driver for Industrial Lighting” in II International Conference on Recent innovations in Science, Engineering and Technology (ICRISET-2019) held at Hirasugar Institute of Technology, Nidasoshi from 18/07/2019 to 19/07/2020.
- ❖ Attended AICTE sponsored 5 days on line FDP “Incorporating Universal Human values in education” 26/07/2021 to 30/07/2021.

- ❖ Attended six days faculty development program on “Battery Management and Control Techniques in EVs” organized by Department of EEE Hirasugar Institute of Technology Nidasoshi from 23rd to 28th November 2020.
- ❖ Attended one week Online FDP on “Online Learning and Assessment System” organized by Institute of Engineers (India), Kalaburgi local centre, Kalaburgi from 18th to 22nd June 2020.
- ❖ Attended Online FDP on “Trends and Challenges in Next Generation Energy Technologies” organized by Department of Electrical & Electronics Engineering, Jain College of Engineering, Belagavi from 10th to 12th June 2020.
- ❖ Attended 4 webinars on various advanced topics during COVID-19 pandemic.

Prof. Hemalata R. Zinage

- ❖ Attended Energy Fest organized on the eve of "National Energy Conservation Week" held on 23rd Dec 2020 at HIT Nidasoshi in association with Karnataka Renewable Energy Development Ltd.
- ❖ Attended six days faculty development program on “Battery Management and Control Techniques in EVs” organized by Department of EEE Hirasugar Institute of Technology Nidasoshi from 7th to 12th December 2020.
- ❖ Completed NPTEL certified 12 weeks SWAYAM course on Electrical Machine-I.
- ❖ Completed NPTEL certified 8 weeks SWAYAM course on Student Psychology.
- ❖ Organized a webinar on “Energy and Environment Problems Facing the Third World and their Probable Solutions for Sustainable Development and Poverty Alleviation” on 27th July 2020 with the resource person Dr. D. P. Kothari, Ex. Director IIT, Delhi and Ex. Vice-Chancellor, VIT, Vellore.
- ❖ Organized a seminar on “Intellectual Property Rights and Patent Filing” by Shri. Ramachandra Kulkarni, IPR consultant, TCS, Bengaluru on 10th October 2020.
- ❖ Organized a webinar on “Solar Power Inverter” by Pantech E-learning Ltd., Bengaluru on 12th June 2021.
- ❖ Attended 2 webinars on various advanced topics during COVID-19 pandemic.

Prof. Mahesh P. Yanagimath

- ❖ Attended Energy Fest organized on the eve of "National Energy Conservation Week" held on 23rd Dec 2020 at HIT Nidasoshi in association with Karnataka Renewable Energy Development Ltd.
- ❖ Attended six days faculty development program on “Battery Management and Control Techniques in EVs” organized by Department of EEE Hirasugar Institute of Technology Nidasoshi from 14th to 19th December 2020.
- ❖ Presented paper entitled “Simulation and Analysis of faults in Power Distribution System” in National Conference on Power system Engineering organized by the department of Electrical and Electronics engineering on 1st and 2nd July 2020.
- ❖ Completed NPTEL certified 8 weeks SWAYAM course on introduction to Smart Grid.
- ❖ Attended 2 webinars on various advanced topics during COVID-19 pandemic.
- ❖ Participated in five day online FDP on “Challenges and opportunities in smart grid” organized by IEEE PES Bangalore chapter 20th to 24th July 2020.
- ❖ Participated in One week Online Faculty Development Program on “Recent Trends in Power Systems” organized by Sharad Institute of Technology College of Engineering, Yadrav from 22nd to 26th June 2020.
- ❖ Participated in the TEQIP-III sponsored International Workshop on “Electric Power Grid Modernization: Trends, Challenges and Opportunities” organized by The National Institute of Engineering, Mysuru from 20th to 24th July 2020
- ❖ Attended a Five Day Online FDP on “Recent Research Developments in Electrical Engineering”, organized by PES Institute of Technology and Management, Shivamogga from 4th to 8th August 2020.
- ❖ Participated in the Five Days Online FDP on “Machine Learning and Data Science”, organized by the Dept. of CSE in Technical Association with IEEE Bangalore Section organized by KLS’s Vishwanathrao Deshpande Institute of Technology, Haliyal from 31st August 2020 to 4th September 2020.

Prof. Onkar B. Heddurshetti

- ❖ Attended Energy Fest organized on the eve of "National Energy Conservation Week" held on 23rd Dec 2020 at HIT Nidasoshi in association with Karnataka Renewable Energy Development Ltd.
- ❖ Attended six days faculty development program on "Battery Management and Control Techniques in EVs" organized by Department of EEE Hirasugar Institute of Technology Nidasoshi from 14th to 19th December 2020.
- ❖ Attended Five Days Online Faculty Development Program on "Recent Research Developments in Electrical Engineering" from 04/08/2020 to 08/08/2020 at PES Institute of Technology and Management, Shivamogga.
- ❖ Completed NPTEL 12 weeks SWAYAM course on Power Electronics.
- ❖ Organized a webinar on "Energy and Environment Problems Facing the Third World and their Probable Solutions for Sustainable Development and Poverty Alleviation" on 27th July 2020 with the resource person Dr. D. P. Kothari, Ex. Director IIT, Delhi and Ex. Vice-Chancellor, VIT, Vellore.
- ❖ Organized a seminar on "Intellectual Property Rights and Patent Filing" by Shri. Ramachandra Kulkarni, IPR consultant, TCS, Bengaluru on 10th October 2020.
- ❖ Organized a webinar on "Solar Power Inverter" by Pantech E-learning Ltd., Bengaluru on 12th June 2021.
- ❖ Published a paper on "Design and Implementation of Z-Source Based Multilevel Inverter" in Sambodhi, UGC Care journal, ISSN: 2249-6661, Vol-43, No.-03 (III) November-December (2020).
- ❖ Presented and Published a paper on "Design and Implementation of Z-Source Based Multi-Level Inverter" in the proceedings of an international conference on 'Continuity, Consistency and Innovation in Applied Sciences and Humanities' (ICCIASH-2020) during 13th and 14th August 2020 held at St. Martin's Engineering College, Secunderabad, Telangana.
- ❖ Attended 2 webinars on various advanced topics during COVID-19 pandemic.

Prof. Amit U. Neshti

- ❖ Attended Energy Fest organized on the eve of "National Energy Conservation Week" held on 23rd Dec 2020 at HIT Nidasoshi in association with Karnataka Renewable Energy Development Ltd.
- ❖ Attended six days faculty development program on "Battery Management and Control Techniques in EVs" organized by Department of EEE Hirasugar Institute of Technology Nidasoshi from 14th to 19th December 2020.
- ❖ Completed NPTEL certified 12 weeks SWAYAM course on Electrical Machine-I.
- ❖ Completed NPTEL certified 8 weeks SWAYAM course on Digital Circuits.
- ❖ Completed NPTEL certified 8 weeks SWAYAM course on Student Psychology.
- ❖ Attended 6 webinars on various advanced topics during COVID-19 pandemic.

Prof. Pramod M. Murari

- ❖ Attended six days faculty development program on "Battery Management and Control Techniques in EVs" organized by Department of EEE Hirasugar Institute of Technology Nidasoshi from 7th to 12th December 2020.
- ❖ Attended six days faculty development program on "Professional Documentation using LATEX" organized by Department of ECE in association with IETE, Shimoga Centre From 13th July 2020 to 18th July 2020 Hirasugar Institute of Technology, Nidasoshi.
- ❖ Attended Energy Fest organized on the eve of "National Energy Conservation Week" held on 23rd Dec 2020 at HIT Nidasoshi in association with Karnataka Renewable Energy Development Ltd.
- ❖ Completed NPTEL certified 8 weeks SWAYAM course on Electrical Machine I.
- ❖ Attended 2 webinars on various advanced topics during COVID-19 pandemic.

Prof. Sagar S Birade

- ❖ Attended five days faculty development program on “Advances in Electric Vehicles” organized by Department of EEE Vidyavardhaka College of Engineering, Mysuru in association with ISTE chapter. From 28th June 2021 to 2nd July 2021.
- ❖ Attended five days faculty development program on “Innovative Research Prospects in Communication, Power System and Machine Learning Techniques” organized by Department of ECE & EEE, Jeppiaar Institute of technology from 17th May 2021 to 21st May 2021.
- ❖ Attended six days faculty development program on “Design and Development of Automated System using PLC” Sponsored by AICTE- ISTE Organized by Department of EEE Kolhapur Institute of technology’s College of Engineering Kolhapur. From 14th to 19th May 2021.
- ❖ Attended six days faculty development program on “Battery Management and Control Techniques in EVs” organized by Department of EEE Hirasugar Institute of Technology Nidasoshi from 7th to 12th December 2020.
- ❖ Published a paper entitled “Smart Agriculture System” in journal of emerging technologies and innovative research citation ISSN 2349-5162 Date of publication 31-10-2020.
- ❖ Completed NPTEL certified 8 weeks SWAYAM course on Digital Circuits.

Prof. Keshav B. Negalur

- ❖ Attended six days faculty development program on “Battery Management and Control Techniques in EVs” organized by Department of EEE Hirasugar Institute of Technology Nidasoshi from 7th to 12th December 2020.
- ❖ Attended TEQIP-III sponsored faculty development program on “Power Electronic Applications to Renewable Energy systems and Energy storage systems” organized by Department of EEE, The National Institute of Engineering Mysuru from 6th to 10th July 2020.
- ❖ Completed NPTEL certified 8 weeks SWAYAM course on Digital Circuits.
- ❖ Attended 2 webinars on various advanced topics during COVID-19 pandemic.

Prof. Sujata G. Huddar

- ❖ Participated in One week Online FDP on “Recent Trends in Power Systems” organized by Sharad Institute of Technology College of Engineering, Yadrav from 22nd to 26th June 2020.
- ❖ Attended Online FDP on “Trends and Challenges in Next Generation Energy Technologies” organized by Department of Electrical & Electronics Engineering, Jain College of Engineering, Belagavi from 10th to 12th June 2020.
- ❖ Attended ATAL online FDP on “Energy storage “JNNC of Engineering 5th to 9th October 2020.
- ❖ Attended one week FDP on “Integration of green energy with smart power systems” Sathyabama Institute of Science and technology from 22nd to 27th June 2020
- ❖ Attended ATAL online FDP on “Electric vehicles” organized by JNNC of Engineering from 2nd to 6th November 2020.
- ❖ Published paper entitled “Carbon nanotubes in solar panel technology” in “Two days international conference on Recent trends and Technologies in soft computing (ICRTSC 20)”, during 28th and 29th September 2020 held at St. Peter’s Institute of Higher Education & Research, Avadi Chennai-600054
- ❖ Attended six days FDP on “Battery Management and Control Techniques in EVs” organized by Department of EEE Hirasugar Institute of Technology Nidasoshi from 14th to 19th December 2020.
- ❖ Attended one week online FDP on “Recent Trends in Power System” during 22/06/2020 to 26/06/2020 organized by Department of Electrical Engineering, Sharad Institute of Technology, College of Engineering Yadrav.
- ❖ Attended one week FDP on “Integration of Green Energy with Smart Power Systems” during 22/06/2020 to 27/06/2020. Organized by Sathyabama Institute of Science and Technology.
- ❖ Completed NPTEL certified 8 weeks SWAYAM course on Electrical Machine I.
- ❖ Attended 4 webinars on various advanced topics during COVID-19 pandemic.

100% Result Achievement

I. No.	Class	Name of the Subject	Course Code	Name of the Faculty
1	III	Constitution of India, Professional Ethics and Cyber Law	18CPC39	Prof. M.S.Futane
2	IV	Kannada Manasu	17KKM49	Shri. Shrishail Mathapati
3	V	Management and Entrepreneurship	15EE51	Prof. K.B.Negalar
		Microcontroller	15EE52	Prof. M.P.Yanagimath
4		Power Electronics	15EE53	Prof. O.B.Heddurshetti
5		Renewable Energy Systems	15EE563	Prof. A.U.Neshti
6		Management and Entrepreneurship	17EE51	Prof. K.B.Negalar
7		Power Electronics	17EE53	Prof. O.B.Heddurshetti
8		Programmable Logic Controller	17EE562	Prof. S.S.Birade
9		VI	Computer Aided Electrical Drawing	15EE651
10	VII	Power System Protection	15EE72	Prof. M.P.Yanagimath
11		High Voltage Engineering	15EE73	Prof. S.D.Hirekodi
		Utilization of Electrical Power	15EE742	Prof. O.B.Heddurshetti
12		Power System Planning	15EE744	Prof. P.M.Murari
13		FACTS and HVDC Transmission	15EE751	Prof. S.S.Birade
14		Testing and Commissioning of Power System Apparatus	15EE752	Prof. S.B.Patil
15	VIII	Power System Operation & Control	15EE81	Prof. H. R. Zinage
16		Industrial Drives & Applications	15EE82	Prof. S.S.Birade
17		Smart Grid	15EE831	Prof. M. P. Yanagimath



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Placements 2019-20, 2020-21

 Miss. Ashwini Nigade Infosys Bengaluru	 Mr. Swaraj Aidamale Infosys Bengaluru	 Miss. Nikita Patil 1. Extramarks Pvt. Ltd. Bengaluru 2. Tech Fortune Technologies & CAD Vision R & D, Bengaluru 3. Qspiders, Bengaluru	 Mr. Ajay Patil Extramarks Pvt. Ltd. Bengaluru	 Mr. Nikhil Nivalagi Creators Technology Solutions, Naggur, Maharashtra	 Miss. Tousipa Gargad Technologies Global Pvt Ltd, Bengaluru	 Miss. Spoorti Sattigeri Tech Fortune Technologies & CAD Vision R & D, Bengaluru	 Miss. Pallavi Shirasangi Qspiders, Bengaluru
 Miss. Priyanka Hundekar Qspiders, Bengaluru	 Miss. Tejaswini Patil Qspiders, Bengaluru	 Mr. Sourav Sansuddi Qspiders, Bengaluru	 Mr. Vineet Kumar Qspiders, Bengaluru	 Mr. G Satish Ethnus Codemithra, Bengaluru	 Miss. Pooja Karangale 1. Pentagon Space Pvt Ltd, Bengaluru 2. Uttara Infosolutions, Bengaluru	 Miss. Shilpa Hukkeri Pentagon Space Pvt Ltd, Bengaluru	 Miss. Jyoti Patil Uttara Infosolutions, Bengaluru
 Miss. Sayali Shinde Uttara Infosolutions, Bengaluru.	 Miss. Nadira Choudhari Chegg India Pvt Ltd	 Miss. Anjuma Mulla 1. Technologies Global Pvt Ltd, Bengaluru 2. Qspiders, Bengaluru	 Mr. Sumant Jatti 1. Qspiders, Bengaluru 2. Pentagon Space, Bengaluru	 Mr. Praveen Janamatti Qspiders, Bengaluru	 Miss. Rajeshwari Baradi 1. Qspiders, Bengaluru 2. M/s. Smart Brains Engineers & Technologist Pvt Ltd, Bengaluru	 Miss. Pooja Keste Qspiders, Bengaluru	 Mr. Malikhhan Darur Rai Jnan Pvt Ltd, Bengaluru



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Hewlett Packard R & D
India Pvt Ltd, Bengaluru