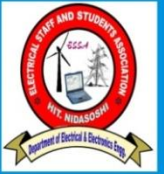# S.J.P.N.TRUST's
HIRASUGAR INSTITUTE OF TECHNOLOGY, NIDASOSHI

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Accredited by NAAC at 'A' Grade and NBA

MAY -2023 **NEWS@EEHIT** **VOLUME-13**

Electrical & Electronics Staff & Student Association
Department of Electrical & Electronics Engineering

INSTITUTE	DEPARTMENT
VISION	**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"	"To be the centre of excellence in teaching and learning to produce the competent & socially responsible professionals in the domain of Electrical & Electronics Engineering."
MISSION	**MISSION**
"To continuously strive for the overall development of students by 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 "	I. To educate students with core knowledge of Electrical and Electronics Engineering to excel in their professional career. II.To develop problem solving skills, professional skills and ethical values among the students for betterment of mankind. III.To prepare technically competent and socially responsible Electrical Engineer to serve the future needs of the society.

"Driving the future with Electric Vehicles"

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

It gives me immense pleasure to express my views on the release of departmental magazine. As you scan through the pages, it will enlighten you with the important milestones, achievements that department has achieved this year. Besides, our budding talents have expressed their thoughts, ideas. The Faculty members are sent to seminars, workshops and Summer schools to improve the skills required. The students and staff are encouraged to present papers in Conferences and they are bringing laurels to the college. This magazine should be a good source of guidance for faculty and coming batches of students in choosing activities of their choice in their future for building their carrier.

Dr. B. V. Madiggond, HOD(EEE)

EESSA BOARD

President :   Dr. S. C. Kamate

Chairman :   Dr. B. V. Madiggond

Staff Coordinators :   Prof. M. P. Yenagimath

Student Coordinator: Mr. Kunal Mane

EDITORIAL BOARD

Chief Editors: Prof. S. G. Huddar

Shri. R. S. Bardol

FROM CHIEF EDITOR's DESK

I am enormously happy to present before you, NEWS@eeHIT *vol* 13, 2022-23 the department News letter. The newsletter gives information of department activities and achievements done by EESSA family.

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. G. Huddar

Sl. No	Name	Designation	Qualification	Specialization	Professional Membership	Teaching Experience (in years)
	FACULTY MEMBERS OF OUR DEPARTMENT					
1	Dr. B. V. Madiggond	Professor (HOD)	ME., Ph.D	Power Electronics	ISTE	30
2	Prof. V. B. Dhere	Asst. Professor	M.E	E&TC	ISTE	29
3	Prof. S. D. Hirekodi	Asst. Professor	M. Tech.	Power Electronics	ISTE	23
4	Prof. H. R. Zinage	Asst. Professor	M. Tech.	Power System	ISTE	23
5	Prof. M. P. Yenagimath	Asst. Professor	M. Tech.	VLSI & ES	ISTE	18
6	Prof. O. B. Heddurshetti	Asst. Professor	M. Tech.	Power Electronics	ISTE, MIAE	17
7	Prof. A. U. Neshti	Asst. Professor	M. Tech.	Digital Electronics	ISTE	15
8	Prof. K. B. Negalur	Asst. Professor	M. Tech.	Industrial Electronics	ISTE	10
9	Prof. S. G. Huddar	Asst. Professor	M. Tech.	Power System	ISTE	09
10	Prof. P. I. Savadatti	Asst. Professor	M. Tech.	Digital Electronics	-	07

Sl. No	Name	Designation	Qualification	Experience (in years)
	TECHNICAL SUPPORTING STAFF			
1	Shri. R. S. Bardol	Instructor	D.E.E	27
2	Shri. S. B. Beelur	Instructor	D.E.E	31
3	Shri. V. M. Mutalik	Instructor	D.E&C.E	20

Sl. No	Name	Designation	Qualification	Experience (in years)
	SUPPORTING STAFF			
1	Shri. I. B. Madyali	Peon	SSLC	27
2	Shri. A. D. Kumbhar	Peon	7th Std.	27

BRANCH TOPPERS

1st Semester

I RANK	II RANK	III RANK
Miss. Pooja Halingli 86.37%	Mr.Shrijal Hajare 85.87% Miss.Sushrusha Palkar	Miss. Tavni Mallewadi 84.87%

2nd Semester

I RANK	II RANK	III RANK
Miss. Ganga Totad 83.89%	Miss. Sahana Chougala 80.89%	Miss. Gouri Patli 80.44%

3rd Semester

I RANK	II RANK	III RANK
Miss. Ganga Totad 83.75%	Miss. Sahana Chougala 83.63%	Miss. Gouri Patli 81.63%

4th Semester

I RANK	II RANK	III RANK
Miss. Saniya Choudhari 82.66%	Miss. Jyoti Benawadi 82.33%	Mr. Malakarisidda Metri 79.77%

BRANCH TOPPERS

5th Semester

I RANK	II RANK	III RANK
Miss. Saniya Choudhari 77.22%	Miss. Jyoti Benawadi 77.11%	Mr. Swapnil Mali 73.44%

6th Semester

I RANK	II RANK	III RANK
Miss. Prerana Rajangane 76.50%	Mr. Chidanand Harugeri 76.25%	Mr. Kunal Mane 76%

7th Semester

I RANK	II RANK	III RANK
Miss. Prerana Rajangane 86%	Miss. Muskan Momin 82.63%	Mr. Kunal Mane 82.13%

8th Semester

I RANK	II RANK	III RANK
Miss. Laxmi Katate 90.20%	Miss. Sanobar Gadamphalli 88.20%	Miss. Kaveri Babali 88%

Awareness Program on "Final Year Project & its Components"

EESSA organized awareness program on **"Final Year Project & its Components"** on 30/09/2022 to all the final year students of EEE dept.

Resource person Prof. M. P. Yenagimath discussed about importance of final year project and its various components. He addressed about how to carry literature survey using peer reviewed journals, advanced Google search options to identify problem statement of their project. He also highlighted about the formation of objective, outcome and methodology of their selected final year project.

Dr. B. V. Madiggond, Dean Academic and HOD, EEE motivated students to select and carry recent innovative projects in the final year.

Faculty Development Programme

A Faculty Development Program on "Pedagogical Initiatives for Effective implementation of VTU-21 Scheme of syllabus for BE Program as per the aspirations of NEP-2020"

EESSA organized a Faculty Development Program on **"Pedagogical Initiatives for Effective implementation of VTU-21 Scheme of syllabus for BE Program as per the aspirations of NEP-2020"** during 10th Oct. 2022 to 15th Oct. 2022. The resource person Dr. B. V. Madiggond, Chairman, BoS (EEE), Dean Academic explained the importance and role of NEP in the present scenario and discussed 2022 scheme regulations governing the degree of Bachelor of Engineering and important points that highlight the role of faculty in implementing NEP. He also highlighted on scheme of teaching and examinations in every program and its implementations.

Soft Skill Training Program

The department of EEE organized soft skill training program for 3rd semester students. The resource person Prof. N. M. Patel interacted with students and discussed about difference between CV, resume and biodata. In this training program, the students were taught about some good etiquette to be followed while attending the interviews. The tips and guidelines for attending HR interview were also dealt in detail. Few frequently asked questions and the effective answers for those questions were discussed. In the last part of the session students are trained to write attractive CV and the program concluded with feedback from students and vote of thanks by Prof. K. B. Negalur.

Awareness program on "Energy Conservation"

The resource person Prof. S. D. Hirekodi conducted awareness program on **"Energy Conservation"** and highlighted about energy scenario in India and world. He discussed about importance of Energy conservation and its measures to save the energy in day to day life.

He highlighted about energy rating labels for domestic/ industrial appliances as per beauro of energy efficiency. Also discussed about energy conservation act of Govt. of India and initiatives to create awareness about Energy Conservation on 21st October 2022.

"Pick and Speak"

Pick and speak event was organized on 22/10/2022 for 3rd Semester students to improve communication skill. Each participant is allowed to pick one topic on current affairs/global issues and given three minutes of time to prepare. The student's performance is evaluated based on his/her spontaneous presentation skill and confidence level, awareness of the topic chosen, ability to give reasons for chosen topics with facts and figures etc. students are actively participated in this event.

Inauguration of EESSA activities for AY: 2022-23

Electrical & Electronics Staff and Students Association (EESSA) organized inauguration of EESSA activities for the AY 2022-23 and welcome to 3rd sem students on 18th Nov. 2022.

Shri. M. A. Mulla, Asst. Executive Engineer, LT rating sub-division, Chikodi was the chief guest and Shri. Gangadhar Naik, Senior Staff Manager, Marvel Semiconductor, Bangalore was the guest of honor. Dr. S. C. Kamate, Principal, HSIT presided over the function.

The function was started with invocation song by Miss. Kavya Kulloli, 3rd sem student. Dr. Basavaraj V Madiggond, HOD of EEE welcomed the gathering. He advised the 3rd sem students about how to excel in studies and become a successful engineer.

Prof. M. P. Yenagimath, EESSA staff coordinator, briefed about the road map of EESSA for the AY 2022-23. Miss. Ashwini Baragi introduced the chief guest and guest of honor.

Shri. Gangadhar Naik interacted with students and discussed about job opportunities in VLSI industry. Shri. M. A. Mulla addressed the gathering and motivated the students by sharing his experience. He motivated the students to build their career in public sector.

Dr. S. C. Kamate, Principal, HSIT gave presidential remarks. The function was concluded with vote of thanks by Mr. Kunal Mane. Various cultural activities and games were conducted as a part of Fresher's Day function to 3rd sem students.

Expert talk on "Analog & Digital IC Design Flow" (Co-curricular)

EESSA organized a technical talk on the topic "Analog & Digital IC Design flow" on 18th November 2022 at 11:00 am for the students of Electrical and Electronics Engineering department. The resource person Shri.Gangadhar Naik, Senior Staff Manager, Marvel Semiconductor, Bangalore discussed about various aspects of Analog and Digital IC design. Also highlighted about Analog ASIC design with product specification, circuit design, and architecture. And at the end, interacted with final year students and discussed about the job opportunities in VLSI Industries.

Seminar on "Technological updates on Renewable Energy Sources"

EESSA organized a seminar on the topic "Technological updates on Renewable Energy Sources" on 18th November 2022 at 11:00 am for the students of Electrical and Electronics Engineering department. The resource person Shri. M. A. Mulla, Asst. Executive Engineer, LT rating sub-division, Chikodi addressed the gathering and motivated the students by sharing his experience. He motivated the students to build their career in public sector. Also discussed about emerging renewable technologies and latest status of renewable energy in india, Sir, highlighted about recent advancements in renewable energy technologies such as improving renewable landscape using Artificial Intelligence (AI).

Clay Modeling

EESSA organized the event Clay Modelling for EEE students on 17-01-2023 from 2.00pm to 3.30pm in EEE department porch. Total 3 groups were participated in the event. The participants prepared the clay models on various themes such as eco friendly Ganesha, Jaggery farm, Mermaid, etc. Event was judged by **Prof. Girish Zulapi**, Asst.Professor, of Mech. Engineering Department and **Prof.Hemalata Zinage,** Asst. Professor of EEE Department. **Mr. Praveen Patil (CSE), Mr.Abhay Kumbar (EEE) and Mr. Vinod Alakanur (Civil)** got the first prize and **Mr. Vivek Mali (EEE) and Mr. Ritik Raikar (EEE)** got the second prize.

Poster Presentation

EESSA organized poster presentation competition for the students of HSIT, on 17-01-2023 from 2pm to 4pm in Electrical machines lab. Total 9 groups participated in the event. Each group prepared the posters on the given theme "Energy Conservation". The event was judged by Dr. S. N. Topannavar, HOD, Department of Mech.Engg., HSIT and Dr. B. V. Madiggond, HOD, Department of E&E Engg. Miss.Tanvi Mallewadi & Miss.Pooja Halingli secured 1st prize, Miss.Pradnya Yenagimath and Miss. Sanjeevini Belagali got second prize and Miss. Kavya G. Kulloli & Miss. Aishwarya M. Kamble and. Miss. Pooja Khadakabhavi & Miss. Smruti Hubballi won consolation prize. Participation certificates were given to all the remaining participants.

Parent-Teacher Meeting

Electrical and Electronics Engineering Department of Hirasugar Institute of Technology, Nidasoshi organized Parent-Teacher Meeting on 4th February 2023. Parents of 3rd year students, HOD and staff of Electrical and Electronics Engineering Department were present during the meeting. Prof. M. P. Yenagimath of EEE Department welcomed the gathering. Dr. B. V. Madiggond, HOD, EEE Department presided over the function and addressed on reforms to be introduced for improving teaching learning & evaluation and discussed regarding the student's progress. Parents expressed their happiness about teaching-learning process of the department and also requested to conduct few more extracurricular activities.

Electrical and Electronics Engineering Department of Hirasugar Institute of Technology, Nidasoshi organized Parent-Teacher Meeting on 4th February 2023. Parents of 3rd year students, HOD and staff of Electrical and Electronics Engineering Department were present during the meeting.

Group Discussion

On 21st April 2023, EESSA organized Group Discussion event& it was conducted in NBA Seminar hall for final year and prefinal year students. The discussion was between three groups. At the beginning of the session everybody seemed hesitant in expressing their opinion but soon the discussion picked up the pace and the purpose of the discussion, which was to encourage students to speak up and boost their confidence, was fulfilled. Overall, the discussion was positive because each participant contributed good information and everyone listened with the utmost interest when other members were sharing their ideas. Lastly, Dr.B.V.Madiggond, Head of the department tried to draw attention of the students to summarise and conclude the event highlighting all the important points' discussed by all the groups. Event was judged by Prof. H. R. Zinage, Prof.M.P.Yenagimath and Prof. O. B. Heddurshetti. Mr. Swapnil Mali got the first prize and Mr.Kunal Mane got the second prize.

Impact of Social Media on Youths

Social media has had a significant impact on the lives of young people. While it offers numerous benefits and opportunities for communication, information sharing, and networking, it also presents several challenges and potential negative effects. Here are some key impacts of social media on youths:

1. Connectivity and Communication: Social media platforms have revolutionized the way young people connect and communicate with others. It enables them to stay in touch with friends, family, and peers, irrespective of geographical boundaries. They can share thoughts, ideas, photos, and videos, fostering virtual communities and enhancing interpersonal connections.

2. Access to Information: Social media provides young people with quick and easy access to a vast amount of information. They can stay updated on current events, discover new interests, and explore various perspectives on different topics. This access to information can broaden their horizons and encourage learning.

3. Self-expression and Creativity: Platforms like Instagram, YouTube, and TikTok offer young people a creative outlet for self-expression. They can showcase their talents, share their artwork, music, or writing, and find like-minded individuals who appreciate their work. Social media empowers young people to express their unique identities and find communities that support and inspire them.

4. Educational Opportunities: Many educational institutions, organizations, and experts utilize social media as a tool for learning. Young people can access educational content, join online courses, participate in webinars, and engage in discussions on various academic topics. Social media expands their educational opportunities beyond traditional classroom settings.

5. Impact on Mental Health: One of the major concerns regarding social media is its impact on mental health. Young people can be vulnerable to negative effects such as cyberbullying, social comparison, and the fear of missing out (FOMO). Constant exposure to carefully curated, idealized images and lifestyles can lead to feelings of inadequacy, low self-esteem, and anxiety. It is crucial for young people to balance their online interactions with offline activities and seek support when needed.

6. Privacy and Online Safety: The use of social media also raises concerns about privacy and online safety. Young people may unknowingly share personal information or engage in risky online behaviors, making them susceptible to cyberbullying, online harassment, or exploitation. It is important for them to be educated about privacy settings, responsible online behavior, and how to protect their personal information.

7. Time Management and Productivity: Social media can be highly addictive and time-consuming. Excessive use of social media can interfere with young people's daily routines, including their academic performance, sleep patterns, and real-life social interactions. It is crucial for young people to develop healthy digital habits and find a balance between online and offline activities.

To mitigate the potential negative impacts of social media, it is important for young people to develop digital literacy skills, engage in open conversations with trusted adults, and practice responsible online behavior. Parents, educators, and society as a whole play a vital role in guiding and supporting young people in navigating the digital landscape safely and responsibly.

-Dr. B. V. Madiggond

QUIZ

EESSA organized Quiz Competition for EEE students on 23/06/2023 from 2:00pm to 5:00pm in Mechanical Seminar Hall.

Total 18 teams participated in the event. Each team consists of two candidates. There are two rounds in competition. First round is preliminary round where 25 MCQs were given to the participants. Top 6 teams were selected for final or stage round.

Final round consisting of Question & Answer, Abbreviation, Audio-Visual and Rapid Fire round.

Lastly Dr. B. V. Madiggond, HOD, EEE motivated the students by giving ideas how to grasp the material and manage the time effectively.

BOX CRICKET

EESSA organized Box Cricket Tournament for EEE students on 16/06/2023 from 2:00pm to 5:00pm at college ground. Total 9 groups, each group consisting of 7 students, participated in the event.

Dr. B. V. Madiggond, HOD, EEE inaugurated the event and advised the participants to follow rules and regulations of the tournament and play with sportsmanship spirit.

Team no. 9 lead by Mr. Pruthviraj N. Hebbale won the tournament. **Team no. 3** lead by Mr. Malakarisidda Metri were the runner up.

WEBINAR ON PCB DESIGN

EESSA in association with Pantech E-Learning organized a webinar on **"PCB Design"** on 24th July 2023 at 3:00PM for the faculty and students of Electrical and Electronics Engineering department. Dr. B. V. Madiggond, Professor and Head E&EE department, Convener of the webinar, all the faculty, staff members and students of E&EE dept. joined the webinar through google meet.

Prof. Hemalata R. Zinage, event coordinator welcomed the gathering and introduced the resource person.

The resource person Shri. Shrikant, Project Engineer, Embedded System, Pantech E-Learning discussed about different types of PCB and softwares used for PCB design. Further, He elaborated the use of Proteus software for PCB design and at the end, interacted with the participants.

The webinar concluded with feedback from students and vote of thanks by Prof. Onkar. B. Heddurshetti.

EXPRESS YOURSELF (Extra-Curricular)

On 25th August 2023, EESSA organized "Express Yourself" event & it was conducted in NBA Seminar hall for second year students. This kind of event will help students to know about their identity, personality and other essential things and also helps to enhance students ability to meet new people and have a conversation with them. It will also boost their confidence and relations with peers and makes their first impression impressive. All the students actively participated in the event.

Lastly, Dr. B. V. Madiggond, Head of the department tried to draw attention of the students to summarise and conclude the event highlighting all the important points discussed by all the students. The event was judged by Prof. H. R. Zinage and Prof. O. B. Heddurshetti.

Miss. Kavya Kulloli got the first prize, Miss. Ganga Totad & Miss. Gouri Patli got the second prize and Miss. Soumya Hosapeti & Mr. Suraj Satawar got the third prize.

STUDENTS ACHIEVEMENTS

Student Achievements (Paper Presentation/Project/Sports/Competitive Exams etc)

S. No.	Student Name	Name of Event	Prize/Award
1	Mr.Chetan R. Mulimani	Participated in wrestling (61 Kg) Inter zone, single zone tournament held at VVCE, Mysore from 12th to 13th December 2022 and selected in VTU wrestling team.	2nd Place with Silver Medal
		Participated in All India Inter-University wrestling competition (52Kg) at Kolhapur on 27th February 2023.	-
2	Miss. Sahana A. Chougala & Miss. Ganga Totad	Participated in poster presentation event conducted on 17th January 2023 organized by EEE department, HIT-Nidasoshi.	-
3	Mr.Malakarisidda Metri	Participated in 23rd VTU Inter-Collegiate Athletic Meet 2021-22 held at SJC Institute of Technology, Chickballapur from 27th to 30th June 2022.	-
		Participated in 400 Mtr. Running competition and won second place organized by HSIT Sambharama-2022-23, Hirasugar Institute of Technology, Nidasoshi on 10th December 2022.	2nd
4	Miss. Jyoti Benawade	Participated in Chess competition and won third place organized by HSIT Sambharama-2022-23, Hirasugar Institute of Technology, Nidasoshi on 10th December 2022.	3rd
5	Mr. Chidanand Harugeri, Mr. Yallappa Gawade, Mr. Dasharath Karabari	Participated & presented project with theme "Design & Implementation of Hybrid Powered Bicycle" at Prakalp Project Presentation Contest during Pioneer 2023 organized under ISTE student chapter.	-
4	Miss.Muskan Momin, Miss Tehamim and Mr.Akash Tukare	Participated and successfully exhibited a project work entitled "Smart Self-Driving Electrical Vehicle using AI" in the project exhibition shakthistaavara-2023 organized by department of Electrical & Electronics Engineering, GSSS Institute of Engineering & Technology for women Mysore in association with IEEE PES Student chapter, Bangalore Section, on 26th April 2023.	-

Sponsored Projects

Sponsoring Agency	Project Title	Student Name	Guided by
KSCST Financial support of Rs.6000/-	Design & Implementation of Hybrid Powered Multifunction Bicycle	Mr. Chidanand Harugeri, Mr. Yallappa Gawade, Mr. Dasharath Karabari	Dr.B.V.Madiggond & Prof K.B.Negalur.

Best Projects of Department

S.No.	Project Title	Student Name	Guided by
1	Design and implementation of hybrid powered multifunction Bicycle	Mr.Chidanand Harugeri Mr. Dasharath Karabari Mr.Yallappa Gawade	Dr. B. V. Madiggond & Prof. K.B. Negalur
2	Smart self driving electrical vehicle using AI	Mr.Akash Tukare Miss. Muskan Momin Miss.Tehamim Rehamanbhai	Prof. H. R. Zinage
3	An intelligent lightning prediction and protection system using ANN	Miss.Amisha Akkole Mr.Mahesh Hirekurubar Mr.Nagadarshan Kopparad	Prof. M. P. Yenagimath

Rewarding the IA Toppers

IA Toppers for the academic year: 2022-23 (Odd Sem.)

First IA Toppers

III Sem.

I Topper : Miss. Ganga Totad

II Topper : Miss. Sahana Chougala

II Topper. Mr. Shivam Metri

V Sem.

I Topper: Miss. Saniya Choudhari

VII Sem.

I Topper: Mr. Kunal Mane

II Topper: Miss. Muskan Momim

IA Toppers for the academic year: 2022-23 (Odd Sem.)

Second IA Toppers

III Sem.

I Topper: Miss.Sahana Chougala

II Topper: Miss. Swati Subhedar

II Topper: Miss. Gouri Patli

V Sem.

I Topper: Miss. Jyoti Benawadi

II Topper: Miss. Saniya Choudhari

VII Sem.

I Topper: Miss. Prerana Rajangane

I Topper: Mr. Akash Tukare

Rewarding the IA Toppers

IA Toppers for the academic year: 2022-23 (Even Sem.)

First IA Toppers

VI Sem.

I Topper: Miss. Jyoti Benawade

II Topper : Mr. Swapnil Mali

VIII Sem.

I Topper: Miss. Muskan Momim

II Topper : Mr. Akash Tukare

VIII Sem. IA II

I Topper: Mr. Akash Tukare

II Topper : Miss. Amisha Akkole

STAFF ACHIEVEMENTS

Dr. B. V. Madiggond

- ❖ Appointed as BOS Chairman for E&E composite board for the year 2022-23 at VTU Belagavi.
- ❖ Special Invitee PG Board of Studies, EEE, VTU, Belagavi.
- ❖ Member of "Faculty Advisory board for e-shikshana programme".
- ❖ Under his guidance two candidates are pursuing the PhD at VTU Belagavi.
- ❖ Reviewer for the IEEE International Conference on Advances in Electronics, Communication, Computing and Intelligent Information Systems (ICAECIS-23). Organized by BIT in association with IEEE Bengaluru section, Bengaluru held from 19th-21st April, 2023.

Prof. S. D. Hirekodi

- ❖ The paper entitled "Optimal Placement of static phase shifter and STATCOM to enhance performance of the Electrical Networks" is published in IEEE XPLORE.
- ❖ The paper entitled "Optimal Placement of static phase shifter and STATCOM to enhance performance of the Electrical Networks" is presented in 3rd International conference on Artificial Intelligence and smart Energy organized by JCT college of Engineering and technology, Coimbatore, India during 2to 4 February 2023.
- ❖ The paper entitled "Enhancement of available transfer capability with integration of unified power flow controller" is published in IEEE xplore.

Prof. H. R. Zinage

- ❖ The paper entitled "Rail-box A new form of renewable energy system" was presented in 2nd international conference on intelligent systems during 23rd and 24th September 2022.
- ❖ The paper entitled "Rail-box A new form of renewable energy system" was published in International journal of creative research thoughts ISSN:2320-2882 on 3rd October 2022.

Prof. M. P. Yenagimath

- ❖ Appointed as a Member Board of Examinations (BoE) External of E&E Engineering SDMCET Dharwad for the year 2022-23.
- ❖ Prof. M.P.Yenagimath is appointed as Member of **Board of Examiners for E&E** composite board for the year 2022-2023 at VTU Belagavi.
- ❖ Appointed as a member Board of Examinations of E&E (Composite Board) in VTU for the year 2022-23.

- ❖ Invited as a resource person for Expert Lecture on the topic "Digital Signal Processing" at Dept. Of E&E A.D. Shinde College of Engg. Bhadgaon on 21/06/2022.
- ❖ Invited to deliver One day seminar on" Industrial IoT for E&C, EIC students of SJPN Trust's Polytechnic Nidasoshi" on 28/11/2022.

Prof. O. B. Heddurshetti

- ❖ The paper entitled "Design and Implementation of Advanced Plant Leaf Disease Detection and Climatic Parameters Monitoring of Plants" in 3rd International Conference on Energy Control Computing and Electronic Systems ISBN: 978-81-949879-4-9 during December 2022.

Prof. S. G. Huddar

- ❖ The paper entitled "Rail-box A new form of renewable energy system" was presented in 2nd international conference on intelligent systems during 23rd and 24th September 2022.
- ❖ The paper entitled "Rail-box A new form of renewable energy system" was published in International journal of creative research thoughts ISSN: 2320-2882 on 3rd October 2022.

Events Organized / Attended

Sl. No.	Name of the Faculty	Description
1	Dr.B.V.Madiggond	❖ Participated in the webinar "what industry needs from engineering graduates?" organized by SSM Learning Excellent Center. ❖ Participated in "30 days masterclass on EV design using MATLAB" at pantech e learning Pvt Ltd, Chennai. From 08/02/2023 to 09/03/2023.
2	Prof. S. D. Hirekodi	❖ Attended five days workshop on "Deep Learning and its Applications" from 6th March 2023 to 10th March 2023 organized by the Department of Computer Science & Engineering, Kalpataru Institute of Technology,
3	Prof. H. R. Zinage	❖ Attended a 5 days Faculty Development Program on AWS (Amazon Web Services) at AVS Engineering College, Salem, TN on 27th February 2023 to 3rd March 2023. ❖ Attended 3rd International Conference on "Energy Control Computing and Electronic Systems", at School of Engineering & Technology, Mohan Babu University, Tirupati. During 29th -31st December 2022.
4	Prof. M. P. Yenagimath	❖ Attended five days workshop on "Deep Learning and its Applications" from 6th March 2023 to 10th March 2023 organized by the Department of Computer Science & Engineering, Kalpataru Institute of Technology,
5	Prof. O. B. Heddurshetti	❖ Attended a 5 days Faculty Development Program on AWS (Amazon Web Services) at AVS Engineering College, Salem, TN on 27th February 2023 to 3rd March 2023. ❖ Attended 3rd International Conference on "Energy Control Computing and Electronic Systems", at School of Engineering & Technology, Mohan Babu University, Tirupati. During 29th -31st December 2022.
6	Prof. K. B. Negalur	❖ Attended one week long term training program on "Recent trends & challenges on integration of power converters with Electric vehicle" at CMR institute Bengaluru from 20th to 26th February 2023. ❖ Attended one week online teachers training program on "Introduction to Web programming" during 27th to 31st March 2023 at VTU, Center of PG Studies, VIAT Muddenahalli, Chikkaballapur.
7	Prof. S. G. Huddar	❖ Attended one week long term training program on "Recent trends & challenges on integration of power converters with Electric vehicle" at CMR institute Bengaluru from 20th to 26th February 2023.
8	Prof. P. I. Savadatti	❖ Attended five days workshop on "Deep Learning and its Applications" from 6th March 2023 to 10th March 2023 organized by the Department of Computer Science & Engineering, Kalpataru Institute of Technology, Tiptur. ❖ Attended one week online teachers training program on "Introduction to Python programming and its applications" during 13th to 17th March 2023 at VTU, Center of PG Studies, VIAT Muddenahalli, Chikkaballapur.

100% Result Achievement

Sl. No.	Sem.	Name of the Subject	Course Code	Name of the Faculty
1	IV	Power Generation and Economics/	18EE42	Prof. S. S. Birade
		Transmission and Distribution/	18EE43	Dr. B. V. Madiggond
		Aadalitha /Vyavaharika Kannada/	18KAK/KVK49	Smt. B. S. Koteppagol
2	VI	Sensors and Transducers/	18EE647	Prof. H. R. Zinage
		Programming in Java/	18CS653	Prof. P. G. Patil
		Non-Conventional Energy Sources/	18ME651	Dr. M. M. Shivashimpi
3	VII	Power System Analysis-II /	18EE71	Prof. H. R. Zinage
		Power System Protection/	18EE72	Prof. O. B. Heddurshetti
		Smart Grid/	18EE744	Prof. K. B. Negalur
		Energy & Environment/	18ME751	Dr. M. M. Shivashimpi
4	VIII	Big Data Analytics In Power Systems	18EE823	Prof. M. P. Yanagimath
		Electrical Estimation and Costing	18EE822	Prof. S. D. Hirekodi
		Industrial Drives and Applications/	15/17EE82	Prof. O. B. Heddureshetti
		Smart Grid	15/17EE831	Prof. M. P. Yenagimath
		Power System Operation and Control	17EE81	Prof. H. R. Zinage

2022-23 Batch Placements

S.N.	USN	Student Name	Designation	Name of the Employer	Annual Package in LPA
1.	2HN19EE006	Mr.Kunal Mane	Trainee	Ethnus Codemithra, Bengaluru	CSR
2.	2HN19EE008	Miss.Muskan Momin	Trainee	Ethnus Codemithra, Bengaluru	CSR
3.	2HN19EE014	Mr.Vijaykumar Patil	Trainee	Ethnus Codemithra, Bengaluru	CSR
4.	2HN20EE403	Mr.Vaibhav Mugale	Trainee	Ethnus Codemithra, Bengaluru	CSR
			Junior Software Engineer	V3iT Consulting Pvt Ltd	2.88
5.	2HN19EE007	Mr.Mahesh Hirekurabar	Trainee	Ethnus Codemithra, Bengaluru	CSR
6.	2HN19EE010	Miss.Prerana R Rajangane	Trainee	Ethnus Codemithra, Bengaluru	CSR
7.	2HN19EE004	Mr.Dasharath Karabari	Trainee	Ethnus Codemithra, Bengaluru	CSR
8.	2HN19EE002	Miss.Ashwini Baragi	Trainee	Ethnus Codemithra, Bengaluru	CSR
9.	2HN20EE400	Mr.Akash Tukare	Trainee	Ethnus Codemithra, Bengaluru	CSR
10.	2HN19EE005	Mr.Gopi M Mane	Trainee	Ethnus Codemithra, Bengaluru	CSR
11.	2HN19EE008	Mr.Muskan Momin	Trainee	Vtech Integrated Solutions	CSR
12.	2HN19EE001	Miss.Amisha Akkole	Trainee	Vtech Integrated Solutions	CSR
13.	2HN19EE002	Miss.Ashwini Baragi	Trainee	Vtech Integrated Solutions	CSR