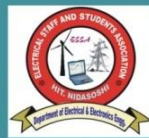




S.J.P.N.TRUST'S



HIRASUGAR INSTITUTE OF TECHNOLOGY, NIDASOSHI

Approved by AICTE, New Delhi and Permanently Affiliated to VTU, Belagavi

Accredited by NAAC at 'A+' Grade

NEWS@EEHIT

Electrical & Electronics Staff & Students Association **Department of Electrical & Electronics Engineering**

JULY-2025

VOLUME- 15

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

MISSION

- 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 the betterment of mankind.
- III. To prepare technically competent and socially responsible Electrical Engineer to serve the future needs of the society.



"Nuclear: Powering a cleaner tomorrow"

FROM PRINCIPAL'S DESK



It gives me an immense pleasure to know that the Electrical and Electronics Engineering Department is releasing NEWS@eeHIT volume 14.

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 an immense pleasure to appreciate and 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. 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 Coordinator : Prof. O. B. Heddurshetti

Student Coordinators: Mr. Suraj Satwar
Miss. Sakshi Kakandaki
Miss. Kshitija Nimbalkar

EDITORIAL BOARD

Chief Editors: Prof. S. G. Huddar

Shri. R. S. Bardol

FROM CHIEF EDITOR'S DESK



Greetings from the Electrical & Electronics Engineering Department. It is with great enthusiasm that I welcome you to this edition of our departmental news letter NEWS@eeHIT, Vol.15. This platform serves as a testament to the dedication, and excellence that define our vibrant community.

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
Chief Editor

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	31
2	Dr. M. P. Yenagimath	Associate Professor	M. Tech., Ph.D	VLSI & ES	ISTE	20
3	Prof. S. D. Hirekodi	Asst. Professor	M. Tech.	Power Electronics	ISTE	24
4	Prof. H. R. Zinage	Asst. Professor	M. Tech.	Power System	ISTE	24
5	Prof. O. B. Heddurshetti	Asst. Professor	M. Tech.	Power Electronics	ISTE, MIAE	19
6	Prof. A. U. Neshti	Asst. Professor	M. Tech.	Digital Electronics	ISTE	16
7	Prof. S. G. Huddar	Asst. Professor	M. Tech.	Power System	ISTE	11
8	Prof. P. I. Savadatti	Asst. Professor	M. Tech.	Digital Electronics	-	08
9	Prof. S. J. Patil	Asst. Professor	M. Tech.	Industrial Electronics	-	13
10	Prof. V. B. Dhere	Asst. Professor	M.E	E&TC	ISTE	24

TECHNICAL SUPPORTING STAFF				
Sl. No	Name	Designation	Qualification	Experience (in years)
1	Shri. R. S. Bardol	Instructor	D.E.E	28
2	Shri. V. M. Mutalik	Instructor	D.E&C.E	21
3	Shri. G. B. Rendale	Instructor	D.E&C.E	11

SUPPORTING STAFF				
Sl. No	Name	Designation	Qualification	Experience (in years)
1	Shri. I. B. Madyali	Peon	SSLC	28
2	Shri. A. D. Kumbhar	Peon	7 th Std.	28

BRANCH TOPPERS

1 st Semester		
I RANK	II RANK	III RANK
		
Miss. Saniya Maldar 82.87%	Miss. Ariba Momin 79.12%	Miss. Aishwarya Kulkarni 79%
2 nd Semester		
I RANK	II RANK	III RANK
		
Miss. Saniya Maldar 81%	Miss. Aishwarya Kulkarni 77.87%	Miss. Akshata Kuri 75.87%
3 rd Semester		
I RANK	II RANK	III RANK
		
Miss. Mangaj Reshma 86.56%	Miss. Shweta Kuligod 85.33%	Miss. Tanuja Ravaloji 84.67%
4 th Semester		
I RANK	II RANK	III RANK
		
Miss. Mangaj Reshma 88.89%	Miss. Somya Patil 86.00%	Miss. Tanuja Ravaloji 85.67%

BRANCH TOPPERS

5 th Semester			
I RANK		II RANK	III RANK
			
Miss. Gouramma Patil 85.11%		Miss. Sushrusha Palkar 84.66%	Mr. Sumit Koli 84.33%
6 th Semester			
I RANK		II RANK	III RANK
			
Miss. Sushrusha Palkar 91.00%		Miss. Shrijal Hazare 89.00%	Mr. Sumit Koli 88.88%
7 th Semester			
I RANK		II RANK	III RANK
			
Miss. Ganga Totad 82.14%		Mr. Pratik Bhikannavar 79.86%	Miss. Gouri Patli 79.43%
8 th Semester			
I RANK		II RANK	III RANK
			
Miss. Sahana Chougala 96.25%	Mr. Santosh Nesaragi 96.25%	Miss. Swati Subhedar 95.25%	Mr. Shivam Metri 95%

DEPARTMENT ACTIVITIES

Inauguration of EESSA Activities for AY: 2024-25

Electrical & Electronics Staff and Students Association (EESSA) has organized an inauguration of EESSA activities for the AY 2024-25 and welcome function to 3rd sem students on 16th Oct. 2024. Mr. Mandar Halbhavi, Dy. General Manager, IoT Solutions & Strategies, Jio Platforms Limited, Pune also an alumnus of EEE Dept. was the chief guest.

Dr. S. C. Kamate, Principal, HSIT presided over the function. The function was started with invocation song by Miss. Swathi Kore and Miss. Pooja Khadakhavi, 5th sem students. Dr. Basavaraj V Madiggond, HOD of EEE welcomed the gathering. He advised the 3rd sem students about overviews/misuse of mobile phones, how to excel in studies and become a successful engineer. Prof. O. B. Heddurshetti, EESSA coordinator, briefed about the road map of EESSA for the AY 2024-25. Mr. Bhavesh Majekar, 5th Sem, introduced the chief guest. Shri. Mandar Halbhavi addressed the gathering and motivated the students by sharing his experience. He motivated the students to build their career in core engineering sector. Prizes were distributed to the winners of various competitions organized during the AY 2023-24. Dr. S. C. Kamate, Principal, HSIT gave presidential remarks. The function was concluded with vote of thanks by EESSA Student Coordinator Mr. Suraj Satwar, 7th Sem., various cultural activities and games were conducted as a part of Fresher's Day function.



Technical Talk on “Machine Learning for Electrical Applications”

Mr. Mandar Halbhavi, Dy. General Manager, IoT Solutions & Strategies, Jio Platforms Limited, Pune, also an alumnus of EEE Dept. delivered a talk on “**Machine Learning for Electrical Applications**”. He discussed about the importance of Machine Learning and how it differs from traditional programming. He also discussed about different types of Machine Learning algorithms, Machine Learning workflow and key concepts.

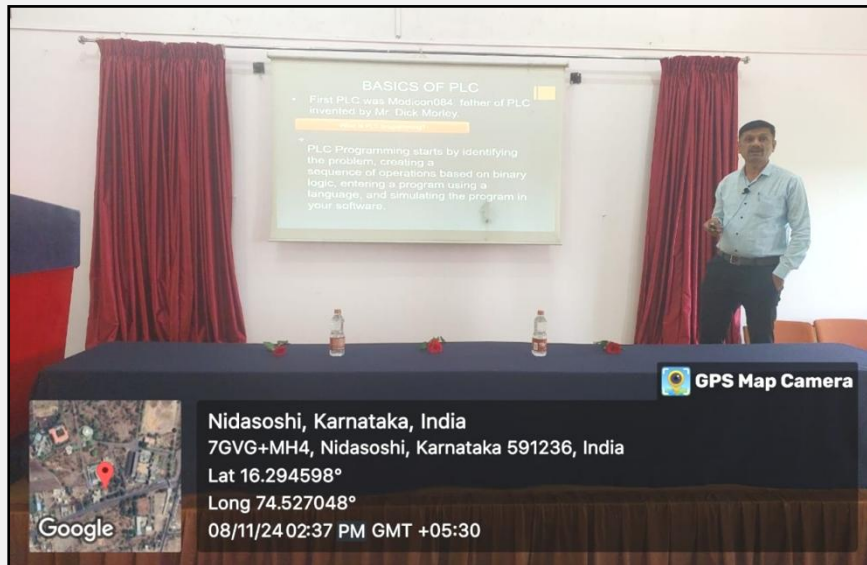
He focused on applications of Machine Learning in Electrical Engg. by taking case study of Renewable energy integration using ML.

His talk was very much useful for students and motivated them to explore coding platform.



A Seminar on “Basics of PLC, HMI and Industry 4.0”

Mr. Prakash Karigar, Head, Technical Services, Avinya Automation, Chikodi, also an alumnus of EEE Dept. delivered a talk on “**Basics of PLC, HMI and Industry 4.0**”. He discussed about the importance of PLC in Automation and different programming languages of PLC. He also discussed about different HMI techniques. He focused on concepts and benefits of industry 4.0. All the staff and students attended the talk and his talk was very much useful for students and motivated them.



Indoor Games

EESSA organized the indoor sports events **Carrom, Chess and Table Tennis** for EEE students on 27/09/2024 from 2pm to 5pm at sports complex. Total 15 students participated in the table tennis, 25 students participated in chess and 32 students participated in carrom. The event was judged by Shri. S. B. Sarwadi, Physical Education Director, HSIT, Nidasoshi. Winners of the indoor sports events are as follows:

Event	Winner	Runner up
Table Tennis	Mr. Sumit Koli (5 th Sem)	Mr. Arun Ghatage (7 th Sem)
Chess	Mr. Darshan Devarushi (5 th Sem)	Mr. Sushil Yaduri (7 th Sem)
Carrom	Mr. Sumit Koli (5 th Sem)	Mr. Shubham Lad (3 rd Sem)



Box Cricket

EESSA organized Box Cricket Tournament for EEE students on 07/03/2025 from 2:00 pm to 5:00 pm at college ground. Total 8 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. 7 lead by Mr. Sumit Koli, 6th Sem won the tournament. **Team no. 6** lead by Mr. Sunil Hittalmani, 6th Sem were the runner up.



Workshop on “Fundamentals of Electric Vehicles with MATLAB Simulink”

Four Days Workshop on “**Fundamentals of Electric Vehicles with MATLAB Simulink**” was conducted by EESSA in association with Abeyantrix Edusoft LLP, Davanagere during **3rd to 6th April 2025** for 4th and 6th sem students. Dr B. V. Madiggond, HOD, EEE welcomed the gathering, introduced the resource person and also briefed about the objectives of the workshop. Further, he advised the students to take benefit of the workshop. Prof. O. B. Heddurshetti, EESSA Staff Coordinator proposed vote of thanks.

The workshop covered various aspects of electric vehicle technology, focusing on real-time simulation and modeling techniques using MATLAB Simulink. Students engaged in hands-on training and received valuable inputs on the design of EVs. The sessions were interactive and helped to bridge the gap between academic concepts and industrial applications.

On the last day of workshop during the valedictory function, Prof. O. B. Heddurshetti welcomed the gathering. Prof. H. R. Zinage presided over the function. Certificate of participation were distributed to the participants by the resource person.



“Parent-Teacher Meeting”

Electrical and Electronics Engineering Department of Hirasugar Institute of Technology, Nidasoshi organized Parent-Teacher Meeting on 4th April 2025. Parents of 4th and 6th semester students, HOD and staff of Electrical and Electronics Engineering Department were present during the meeting. Prof. O. B. Heddurshetti 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. The meeting concluded with vote of thanks by Dr. B. V. Madiggond, HOD, EEE Department.



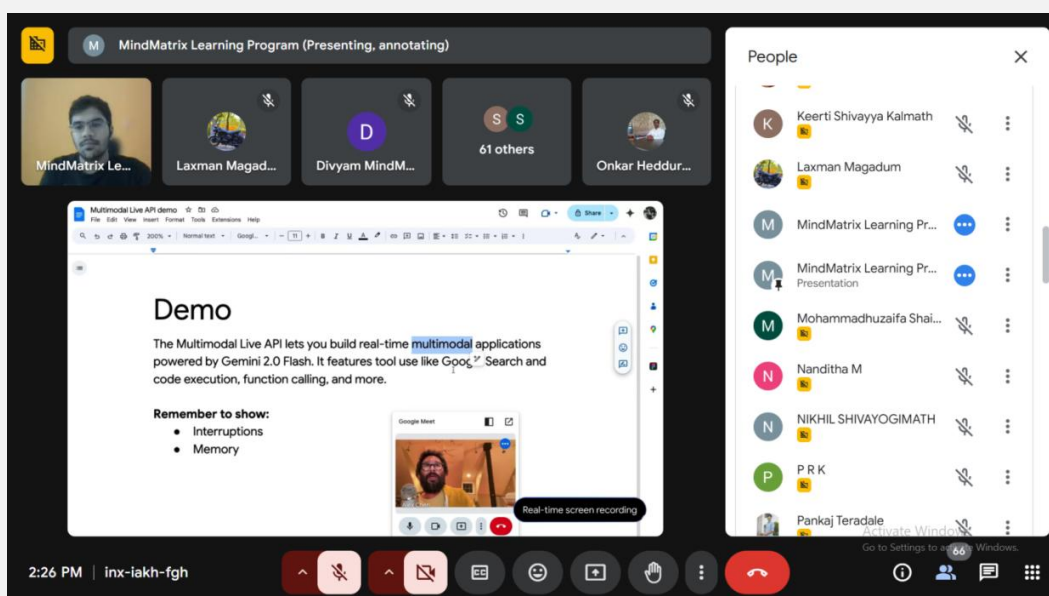
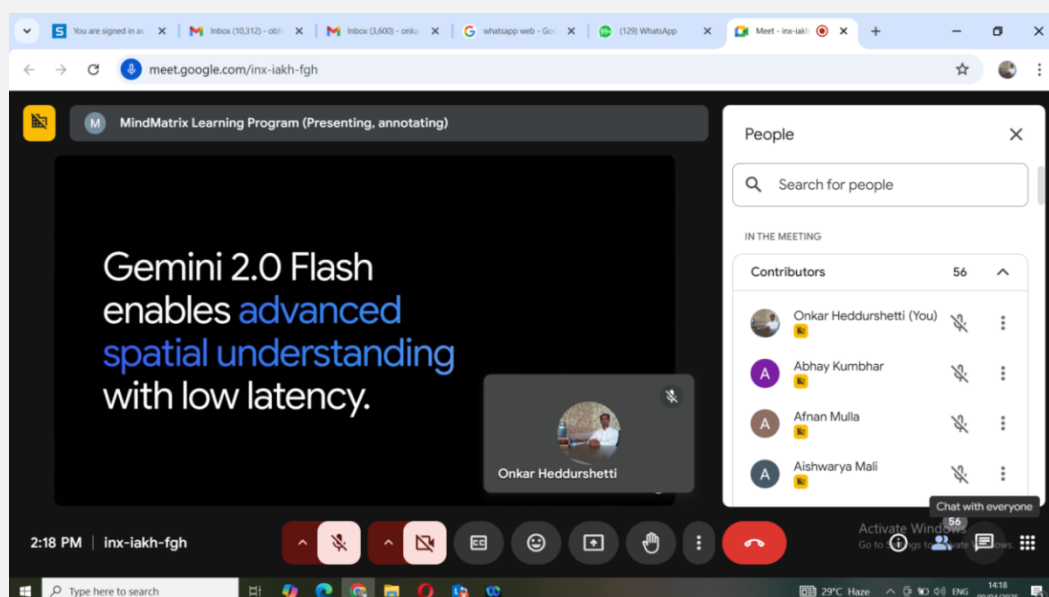
Workshop on “Build with AI: Introduction to Gemini 2.0 Flash”

One Day Online Workshop on “**Build with AI: Introduction to Gemini 2.0 Flash**” was organized by EESSA in association with Mind Matrix Learning Program on **9th April 2025** for 6th sem students.

The objective of the workshop was to introduce students to the fundamentals and capabilities of Gemini 2.0 Flash, demonstrating how AI can be effectively used to build intelligent systems and applications.

The workshop began with a warm welcome and introduction to MindMatrix, followed by an insightful session on Gemini 2.0 Flash—Google’s powerful AI model. Students were given a walkthrough of its features, real-world applications, and a live demonstration of building AI-powered tools using Gemini.

The workshop concluded with vote of thanks by Prof. O. B. Heddurshetti, EESSA Staff Coordinator.



Sponsored Projects

Sponsoring Agency	Project Title	Project Associates	Guided by
KSCST	Design And Implementation of Solar Powered Antismuggling System For Trees	Miss. Aishwarya Kamble Mr. Rahul Bamane Mr. Vrushabh Patil Mr. Pratik Bhikannavar	Prof. O. B. Heddurshetti
KSCST	Design and Implementation of Smart Trolley System	Mr. Ritik Raikar Miss. Afiya Mulla Miss. Khade Shital Mr. Chetan Mulimani	Prof. H. R Zinage

Best Projects of the Department

S.No.	Project Title	Project Associates	Guided by
1	Design and development of IoT based solar powered water waste collector system.	Miss. Swati Subhedar Miss. Sahana Chougala Mr. Santosh Nesaragi Mr. Mohammaddrehan Tamboli	Dr. B. V. Madiggond Dr. M. P. Yenagimath
2	Design and implementation of tracking system for monitoring soldier health and location with live camera.	Mr. Supreet Ghasti Miss. Kavya Kulloli Mr. Sushil Yaduri Mr. Shreyas Kotagi	Prof. P. I. Savadatti
3	Design and implementation of smart trolley system.	Mr. Ritik Raikar Miss. Afiya Mulla Miss. Khade Shital Mr. Chetan Mulimani	Prof. H. R. Zinage

Best Mini Projects of the Department

S.No.	Project Title	Project Associates	Guided by
1	Design and implementation of Train accident prevention using IoT.	Miss. Sushrusha Palkar Miss. Pooja Khadakbhavi Mr. Bhavesh Majukar Mr. Pankaj Teradale	Prof. S. D. Hirekodi
2	Design and implementation of ultrasonic RADAR system for defense.	Mr. Vinayak Manomi Mr. Mohammadhuzaifa Shaikh Miss. Pooja Halingali Miss. Tanvi Mallewadi	Prof. S. G. Huddar
3	Design and Implementaion of Automatic Car Parking system using Arduino Uno.	Miss. Radhika Patil Miss. Kamate Soumya Miss. Akshata Kuri Miss. Ruchita Lalugol	Prof. K. B. Negalur

STUDENTS ACHIEVEMENTS

Student's achievement in the Academic Year 2024-25

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

S. No.	Student Name	Name of Event	Prize/Award
1	Miss. Radhika Patil & Group	Participated in INGENIOUS 2025, a national level technical project competition conducted on 28/02/2025 held at Angadi Institute of Technology & Management, Belagavi.	second place

Placements of 2024-25 Batch Students



Mr. Supreet Ghasti

1. VStand4U Solutions, Bengaluru



Miss. Ganga B. Totad

1. VStand4U Solutions, Bengaluru



Miss. Gouri B. Patli

1. VStand4U Solutions, Bengaluru



Mr. Santosh Nesargi

1. Qspiders, Bengaluru



Mr. Shivam R. Metri

1. Qspiders, Bengaluru



Miss. Swati Subhedar

1. Qspiders, Bengaluru

Rewarding the IA Toppers



Miss. Mangaj Reshma
(III Sem. IA1, Rank I)



Miss. Shweta Kuligod
(III Sem. IA1, Rank II)



Miss. Shrijal Hajare
(V Sem. IA1, Rank I)



Mr. Sumit Koli
(V Sem. IA1, Rank II)



Miss. Ganga Totad
(VII Sem. IA1, Rank I)



Miss. Gouri Patli
(VII Sem. IA1, Rank II)

Rewarding the IA Toppers



Miss. Mangaj Reshma
(III Sem. IA2, Rank I)



Miss. Shweta Kuligod
(III Sem. IA2, Rank II)



Miss. Sushrusha Palkar
(V Sem. IA2, Rank I)



Miss. Sanjeevini Belagali
(V Sem. IA2, Rank II)



Miss. Gouri Patli
(VII Sem. IA2, Rank I)



Miss. Ganga Totad & Mr. Shivam Metri
(VII Sem. IA2, Rank II)

Rewarding the IA Toppers



Miss. Mangaj Reshma
(IV Sem. IA1, Rank I)



Miss. Shweta Kuligod
(IV Sem. IA1, Rank II)



Miss. Shrijal Hazare & Mr. Sumit Koli
(VI Sem. IA1, Rank I)



Miss. Sushrusha Palkar
(VI Sem. IA1, Rank II)



Miss. Mangaj Reshma
(IV Sem. IA2, Rank I)



Miss. Shweta Kuligod
(IV Sem. IA2, Rank II)



Miss. Sushrusha Palkar
(VI Sem. IA2, Rank I)



Miss. Pooja Halingli
(VI Sem. IA2, Rank II)

STAFF ACHIEVEMENTS

Dr. Basavaraj V. Madiggond

- ❖ Chairman, BoS (EEE) of VTU Belagavi. 2022 – 2025.
- ❖ Member, BoS (EEE) of VTU Belagavi. 2018 – 2022.
- ❖ Member of FAB of VTU, Belagavi
- ❖ Member Local Inquiry Committee (LIC), VTU, Belagavi.
- ❖ VTU Nominee for faculty recruitment process.
- ❖ Reviewer of International Conference Papers.
- ❖ Compiled two Formula books, published by Visvesvaraya Technological University, Belagavi.
- ❖ Published a paper entitled “Design And Development of Electrical Machine Health Monitoring and Diagnosis System Using Fuzzy Logic” Published in Fourth international conference Recent trends in Engineering and technology (ICRTET)-march 2025-ISBN-978-93-48954-14-5.
- ❖ Published a paper entitled “Design & Development of IOT Based Solar Powered Water Waste Collector System” Published in International Journal of Advance research in science and engineering P-ISSN-2319-8346, E-ISSN 2319-8354, Vol. No.14, Issue No.03 March 2025.

Dr. Mahesh P. Yenagimath

- ❖ Awarded the Ph.D. degree in 24th Convocation at Visvesvaraya Technological University (VTU), Belagavi, for the thesis entitled “Synchrophasor Based Data Mining for Power System Fault Detection and Situational Awareness”.
- ❖ Member, BOE (EEE) of SDMCET, Dharwad. 2019-20 to till date.
- ❖ Member, BOE (EEE) of VTU Belagavi, 2022-23.
- ❖ Published a paper entitled “Electrical Load Forecasting using Improved Feature Selection and Hybrid Deep Learning Algorithms for Power System Situational Awareness” in International Journal of Electrical systems.
- ❖ Published a paper entitled “Three Tier Deep learning model for fault classification in power system using PMU data: A Hybrid Meta Heuristic Optimization” Published in International Journal of Intelligent systems and applications in engineering (IJISAE) for 2024 Issue, Q3, Scopus indexed journal.
- ❖ Published a paper entitled “Design and Implementation of Modified Wind Turbine Blades for Increased Output” Published in 4th International Conference on Recent Trends in Engineering and Technology (ICRTET-2025).
- ❖ Published a paper entitled “Design & Development of Iot Based Solar Powered Water Waste Collector System” Published in International Journal of Advance research in science and engineering. P-ISSN-2319-8346, E-ISSN 2319-8354 Vol.No.14 Issue No. 03, March 2025.

Prof. Shivanand D. Hirekodi

- ❖ Member, BOE (EEE) of VTU Belagavi 2021-22.
- ❖ Compiled a Formula book for “Elements of Electrical Engg.”, published by Visvesvaraya Technological University, Belagavi.
- ❖ Published a paper entitled “Design and implementation of Gesture controlled Bicycle indicator gloves” Published in International Journal of Advance research in science and engineering. P-ISSN-2319-8346, E-ISSN 2319-8354, Vol.No.14, Issue No.13, March 2025.
- ❖ Published a paper entitled “Design and implementation of train accident prevention using IoT ” Published in International Journal of Advance research in science and engineering. P-ISSN-2319-8346, E-ISSN 2319-8354 Vol.No.14, Issue No.13, March 2025.

Prof. Hemalata R. Zinage

- ❖ Compiled a Formula book for “Introduction of Electrical Engg.”, published by Visvesvaraya Technological University, Belagavi.
- ❖ Published a paper entitled “Design And Implementation of Smart Trolley System” Published in International Journal of Advance research in science and engineering. P-ISSN-2319-8346, E-ISSN 2319-8354 Vol.No.14, Issue No.13, March 2025.

Prof. Onkar B. Heddurshetti

- ❖ Member, BOE (EEE) of VTU Belagavi, 2023-24
- ❖ Published a paper entitled “Design and Implementation of Smart Trolley System”, Published in International Journal of Advance research in science and engineering. P-ISSN-2319-8346, E-ISSN 2319-8354 Vol.No.14, Issue No.13, March 2025.

Prof. A. U. Neshti

- ❖ Compiled a Formula book entitled “Electric Circuit Analysis”, published by Visvesvaraya Technological University, Belagavi.
- ❖ Published a paper entitled “Design and development of electrical machine health monitoring and diagnosis system using fuzzy logic”, Published in Fourth International conference Recent trends in Engineering and technology (ICRTET)-march 2025-ISBN-978-93-48954-14-5.

Prof. S. G. Huddar

- ❖ Published a paper entitled “Design and Implementation of Solar Powered Multifunction Agribot for Increased Agriculture Yield” Published In international journal of Electrical and Electronics Engineers Volume 17, Issue 01, Jan-June 2025. IJEEE ISSN(O)2321-2055 ISSN(P) 2321-2047.
- ❖ Published a paper entitled “Design and Implementation of Gesture Controlled Bicycle Indicator Gloves”, Published International Journal of Advance research in science and engineering (P-ISSN-2319-8346, E-ISSN 2319-8354, Vol No.14 Issue No. 13 March 2025.
- ❖ Presented paper entitled “Design and Implementation of Solar Powered Multifunction Agribot for Increased Agriculture Yield” in International conference on recent trends in Engineering & Technology at Hirasugar Institute of Technology, Nidasoshi on 7th and 8th March 2025.
- ❖ Presented paper entitled “Design and Implementation of Gesture Controlled Bicycle Indicator Gloves” in International conference on recent trends in Engineering & Technology at Hirasugar Institute of Technology, Nidasoshi on 7th and 8th March 2025.
- ❖ Successfully completed 12 Week SWAYAM Course on “Introduction to research Methodology” in April 2025.
- ❖ Successfully completed 08 Weeks SWAYAM Course on “Research Methodology” in September 2025.

Prof. P. I. Savadatti

- ❖ Published a paper entitled “Design and Implementation of Solar Powered Mobile Charger”, Published in International Journal of Advance Research In Science and Engineering (IJARSE), Impact Factor: 7.5.

Prof. S. J. Patil

- ❖ Published a paper entitled “Design and implementation of train accident prevention using IoT”, Published in International Journal of Advance research in science and engineering (P-ISSN-2319-8346, E-ISSN 2319-8354, Vol.No.14 Issue No.13 March 2025.

100% Result Achievement

Sl. No.	Class	Name of the Subject	Course Code	Name of the Faculty
1	III	Social Connect and Responsibility	BSCK307	Shri. S. B. Sarawadi
2		Physical Education	BPEK359	
3	V	Environmental Studies	BESK508	Dr. M. S. Hanagadakar
4		Yoga	BYOK559	Shri. S. B. Sarawadi
5	VII	E-Waste Management	21EC755	Prof. S. J. Patil

Events Organized / Attended

Sl. No.	Name of the Faculty	Description
1	Dr. B. V. Madiggond	❖ Organized Four days workshop on “Fundamentals of EVs with MATLAB & Simulink”, in association with Abeyaantrix Softlab Pvt. Ltd., Davanagere, during 3rd – 6th April 2025. ❖ Attended a Fourth international conference Recent trends in Engineering and technology (ICRTET), during 7th to 8th March 2025 published a paper at Hirasugar Institute of Technology, Nidasoshi. ❖ Attended FDP on “Industrial Automation” during 17th to 31st March 2025, at Hirasugar Institute of Technology, Nidasoshi. ❖ Worked as a Reviewer for manuscript entitled “Smart Energy management in manufacturing Plants using PLC & SCADA” for MAT journals. ❖ Presented a paper entitled “A review on Higher DC link voltage and reduction of voltage stress across the switch in switched boost inverters” at 4th International Conference on ICIMIA-2025. ❖ Worked as a reviewer for 2025 IEEE north east India international Energy Conversion Conference and Exhibition ❖ Participated in the Webinar Empowering Educators with AI conducted on 13th September 2025 by Cranes Varsity where Technology meets the excellence.
2	Dr. M. P. Yenagimath	❖ Attended a Fourth international conference Recent trends in Engineering and technology (ICRTET), during 7th to 8th March 2025 published a paper at Hirasugar Institute of Technology, Nidasoshi.
3	Prof. S. D. Hirekodi	❖ Attended a Fourth international conference Recent trends in Engineering and technology (ICRTET), during 7th to 8th March 2025 published a paper at Hirasugar Institute of Technology, Nidasoshi.
4	Prof. H. R. Zinage	❖ Attended a Fourth international conference Recent trends in Engineering and technology (ICRTET), during 7th to 8th March 2025 published a paper at Hirasugar Institute of Technology, Nidasoshi. ❖ Attended FDP on “AI in Banking and Healthcare Industry Applications” during 12th to 18th Dec 2024, at Belagavi. ❖
5	Prof. O. B. Heddurshetti	❖ Organized Four days workshop on “Fundamentals of EVs with MATLAB & Simulink”, in association with Abeyaantrix Softlab Pvt. Ltd., Davanagere, during 3rd to 6th April 2025. ❖ Attended a Fourth international conference Recent trends in Engineering and technology (ICRTET), during 7th to 8th March 2025 published a paper at Hirasugar Institute of Technology, Nidasoshi. ❖ Attended FDP on “AI in Banking and Healthcare Industry Applications” during 12th to 18th Dec 2024, at Belagavi. ❖ Attended a seminar on “A Seminar on “Basics of PLC, HMI and Industry 4.0” on 8th Nov 2024, at Hirasugar Institute of Technology, Nidasoshi.

Events Organized / Attended

Sl. No.	Name of the Faculty	Description
6	Prof. A. U. Neshti	❖ Attended a Fourth international conference Recent trends in Engineering and technology (ICRTET), during 7th to 8th March 2025 published a paper at Hirasugar Institute of Technology, Nidasoshi. ❖ Attended FDP on “AI-ML based smart grid” during 30th Jan 2024 to 3rd Feb 2025, at Bagalkot. ❖ Attended a Three days FDP on “Connecting tradition and innovation A faculty exploration of Indian knowledge system”, during 3rd to 5th March 2025, at Mysore.
7	Prof. S. G. Huddar	❖ Attended a Fourth international conference Recent trends in Engineering and technology (ICRTET), during 7th to 8th March 2025 published a paper at Hirasugar Institute of Technology, Nidasoshi. ❖ Attended FDP on “Innovative Teaching and Learning Pedagogy”, Organized by Parul University in Association with Research Foundation of India from 09/07/2025 to 15/07/2025
8	Prof. P. I. Savadatti	❖ Attended a Fourth international conference Recent trends in Engineering and technology (ICRTET), during 7th to 8th March 2025 published a paper at Hirasugar Institute of Technology, Nidasoshi.
9	Prof. S. J. Patil	❖ Attended a Fourth international conference Recent trends in Engineering and technology (ICRTET), during 7th to 8th March 2025 published a paper at Hirasugar Institute of Technology, Nidasoshi. ❖ Attended 10 days online FDP on “AI/ML Foundations, Real world Applications and Sustainable Development”, during 2nd to 11th April 2025, at Nidasoshi. ❖ Attended 5 days offline FDP on “Wearable Devices in Health care Technology”, during 21st to 25th January 2025 at KLE Technology University’s Dr. M. S. Sheshagiri Campus, Belagavi.

PHOTO GALLERY



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGG., HIRASUGAR INSTITUTE OF TECHNOLOGY, NIDASOSHI