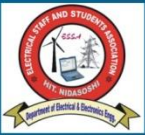




S.J.P.N.TRUST'S

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

SEPTEMBER-2024

VOLUME- 14

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"

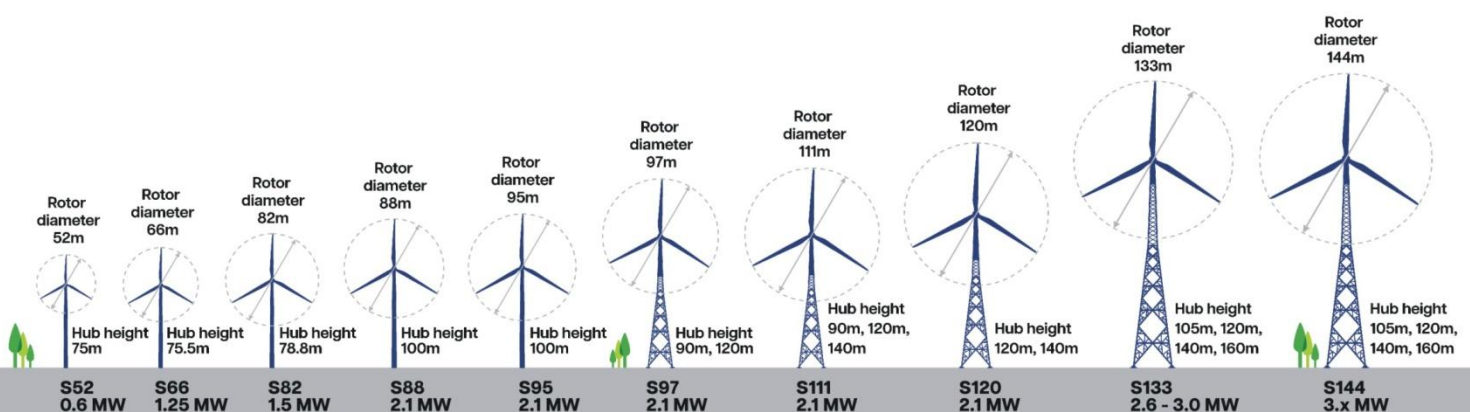
DEPARTMENT

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

- To educate students with core knowledge of Electrical and Electronics Engineering to excel in their professional career.
- To develop problem solving skills, professional skills and ethical values among the students for the betterment of mankind.
- To prepare technically competent and socially responsible Electrical Engineer to serve the future needs of the society.



Higher rotor + Higher hub height = Higher energy yield with ease of logistics and maximum returns

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 Coordinators : Prof. S. G. Huddar

Student Coordinator: Mr. Malakarsidda Metri

EDITORIAL BOARD

Chief Editors: Prof. M. P. Yenagimath

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 newsletter NEWS@eeHIT, Vol.14. 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. M. P. Yenagimath
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	Prof. S. D. Hirekodi	Asst. Professor	M. Tech.	Power Electronics	ISTE	24
3	Prof. H. R. Zinage	Asst. Professor	M. Tech.	Power System	ISTE	24
4	Prof. M. P. Yenagimath	Asst. Professor	M. Tech.	VLSI & ES	ISTE	19
5	Prof. O. B. Heddurshetti	Asst. Professor	M. Tech.	Power Electronics	ISTE, MIAE	18
6	Prof. A. U. Neshti	Asst. Professor	M. Tech.	Digital Electronics	ISTE	16
7	Prof. K. B. Negalur	Asst. Professor	M. Tech.	Industrial Electronics	ISTE	11
8	Prof. S. G. Huddar	Asst. Professor	M. Tech.	Power System	ISTE	10
9	Prof. P. I. Savadatti	Asst. Professor	M. Tech.	Digital Electronics	-	08
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	27
2	Shri. S. B. Beelur	Instructor	D.E.E	31
3	Shri. V. M. Mutalik	Instructor	D.E&C.E	20

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

BRANCH TOPPERS

1st Semester

I RANK	II RANK	III RANK
		
Miss. Mangaj Reshma Sanjay 79.5%	Miss. Shweta Kuligod 77.62%	Mr. Girish M. Jindrani 75.12%

2nd Semester

I RANK	II RANK	III RANK
		
Miss. Mangaj Reshma Sanjay 90.37%	Miss. Shweta Kuligod 88.5%	Miss. Tanuja Ravaloji 88.37%

3rd Semester

I RANK	II RANK	III RANK
		
Miss. Sushrusha Palkar 86.56%	Miss. Shrijal Hajare 82.33%	Miss. Pooja Halingali 81.22%

4th Semester

I RANK	II RANK	III RANK
		
Miss. Sushrusha Palkar 88.89%	Mr. Sumit Koli 86.44%	Miss. Gouramma Patil 84.67%

BRANCH TOPPERS

5 th Semester		
I RANK	II RANK	III RANK
		
Miss. Sahana Chougala 82.13%	Miss. Khade Shital 79.88%	Miss. Ganga Totad 79.75%
6 th Semester		
I RANK	II RANK	III RANK
		
Miss. Sahana Chougala 83.50%	Miss. Gouri Patli 83.37%	Miss. Ganga Totad 81.87%
7 th Semester		
I RANK	II RANK	III RANK
		
Miss. Jyoti Benawadi 84.75%	Miss. Saniya Choudari 83.0%	Mr. Malakarissidda Metri 79.5%
8 th Semester		
I RANK	II RANK	III RANK
		
Miss. Jyoti Benawadi 83.00%	Mr. Swapnil Mali 78.40%	Mr. Malakarissidda Metri 78.00%

DEPARTMENT ACTIVITIES

Inauguration of EESSA Activities for AY: 2023-24

Electrical & Electronics Staff and Students Association (EESSA) organized inauguration of EESSA activities for the AY 2023-24 and welcome to 3rd sem students on 28th Dec. 2023.

Shri. Rahul Mahalank, Proprietor, Blue Smart Elevators, Belagavi was the chief guest.

Dr. S. C. Kamate, Principal, HSIT presided the function. The function was started with invocation song by Miss. Swati Kore, 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. S. G. Huddar, EESSA staff coordinator, briefed about the road map of EESSA for the AY 2023-24. Miss. Gouri Patli introduced the chief guest.

Technical Magazine & Department News Letter for the AY 2022-23 was released and prizes for EESSA Activities conducted during the AY 2022-23 were distributed. Mr. Chetan Mulimani, 5th Sem student who won gold medal at Inter Collegiate State Level Tournament in wrestling competition organized by VTU Belagavi was felicitated.

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



Talk on Entrepreneurship

A talk on Entrepreneurship was organized on 28th December 2023 by Shri. Rahul Mahalank, Proprietor, Blue Smart Elevators, Belagavi. He explained what “Entrepreneur and Entrepreneurship” actually means. Students of EEE department participated in the discussion with great interest. Further he discussed in detail about next generation entrepreneurship and how to generate an idea. He interacted with students and discussed about job opportunities for engineering students and motivated the students to become an entrepreneur.

Smt. Mahalank shared her experience and efforts in establishing Blue Smart Elevators Company and motivated students with the examples of successful entrepreneurs.

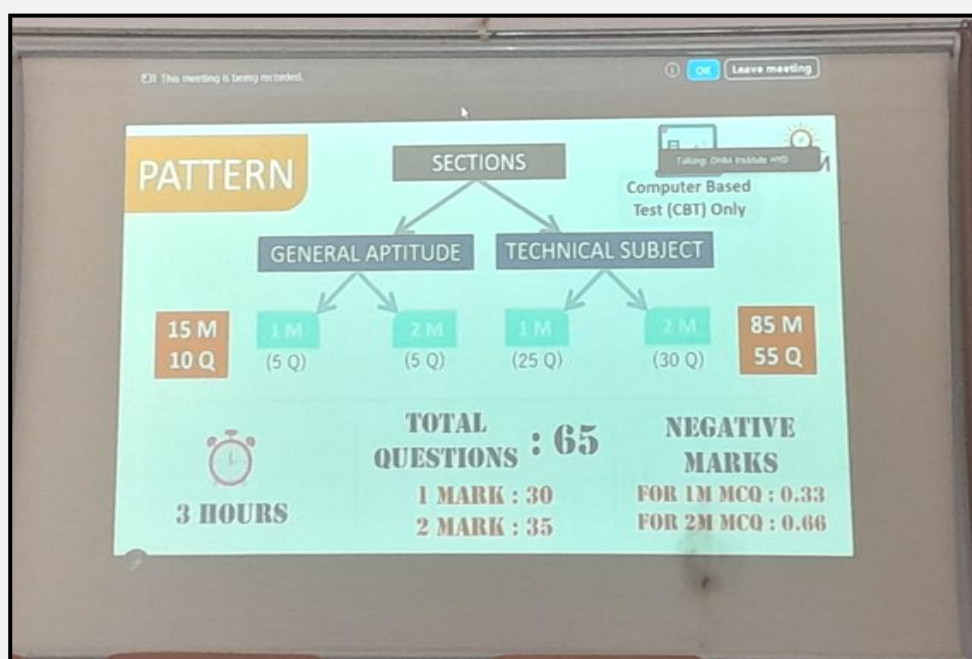
Dr. B. V. Madiggond, President of the function felt that creating awareness amongst the students about Entrepreneurship as a career option was essential.



Webinar on “GATE Exam Opportunities and Preparation Strategy”

EESSA in association with Ohm Institute, Hyderabad organized webinar on “GATE Exam Opportunities and Preparation Strategy” for 2nd and 3rd Year students of EEE department on 5th January 2024. Shri. B. Surendra Reddy, Director & Subject Expert at Ohm Institute, Hyderabad addressed the students about GATE-Exam opportunities importance of GATE Exam and preparation strategy. He told about the list of IITs which are conducted GATE Exams and presently which university is conducting the Exam. He discussed how the preparation to be done by EEE students to get qualified in the GATE Exam and also he discussed in detail the Question Paper pattern for the Exam.

The screenshot shows a Zoom meeting window. The main slide is a presentation titled "HIRASUGAR INSTITUTE OF TECHNOLOGY NIDASOSHI, Belagavi, Karnataka" and "Department of EEE". It is a "Webinar on GATE EXAM Opportunities and Preparation Strategy" featuring "Mr. B. SURENDRA REDDY" as the resource person. It mentions "OHM INSTITUTE HYDERABAD" and lists coordinators: Prof S.G.Huddar, Dr Basavaraj Madiggond, and Dr.S.C.Kamate. The date is 05th JAN, 2024. A Google Map is shown in the bottom left corner of the Zoom window, displaying the location of Nidasoshi, Karnataka, India, with coordinates 7GVH+X6P, Nidasoshi, Karnataka 591236, India, and a timestamp of 05/01/24 02:46 PM GMT +05:30.



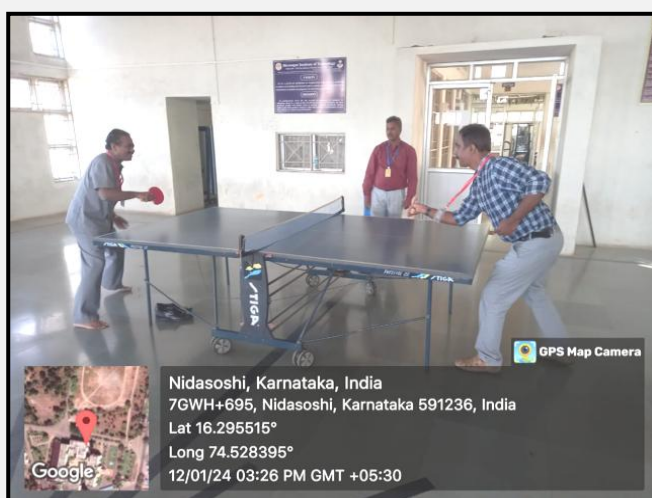
Indoor Sports Events “Carrom, Chess and Table Tennis”

EESSA organized the indoor sports events **Carrom, Chess and Table Tennis** for EEE students on 12th January 2024 from 2pm to 5pm at sports complex. Total 8 students participated in the table tennis, 13 students participated in chess and 19 students participated in carrom. The event was judged by Shri. S. B. Sarwadi, Physical Education Director, HSIT, Nidasoshi.

Mr. Darshan Mustaragi of 3rd Sem was the winner of carrom and Mr. Raylingesh Sanadi of 3rd Sem was the runner.

Mr. Sushil Yeduri of 5th Sem was the winner of Chess and Mr. Vinayak Manomi of 3rd Sem was the runner.

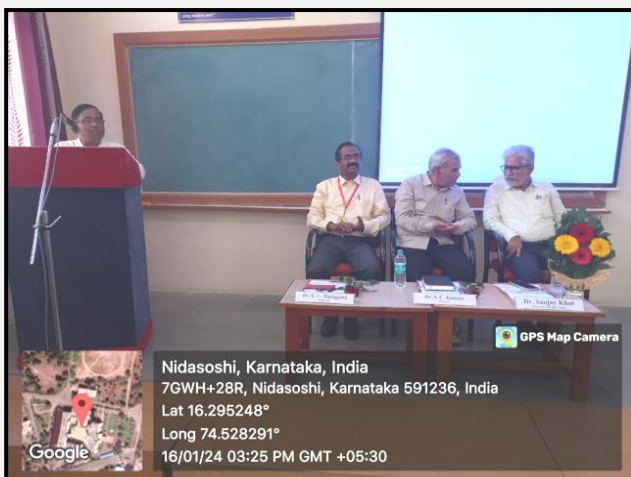
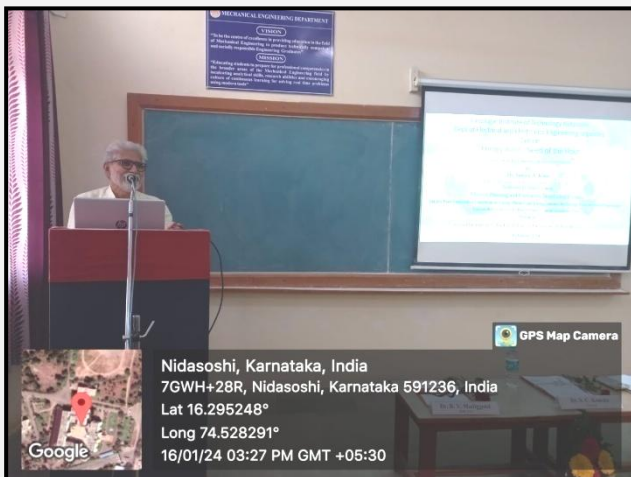
Mr. Vrushabh Patil of 5th Sem was the winner of Table Tennis and Mr. Arun Ghatage of 5th Sem was the runner.



Technical Talk on “Energy Audit, Need of the Hour: Empowering buddy Engineers for a Greener Future”

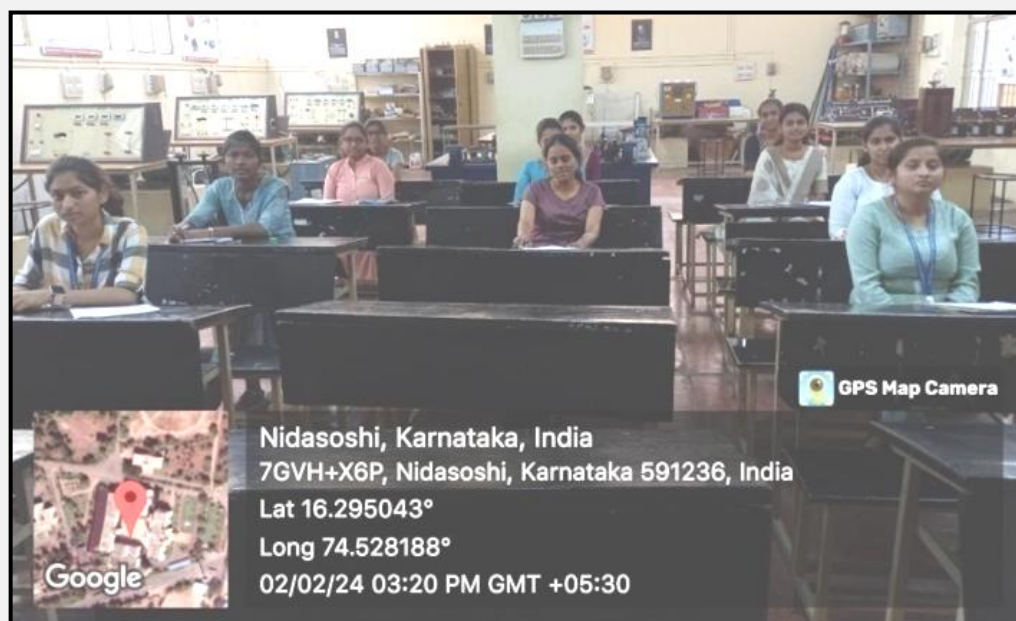
Dr. Sanjay Annaso Khot delivered the talk on Energy Audit, Need of the Hour: Empowering buddy Engineers for a Greener Future” on 16th January 2024. Sir discussed about use of Energy Audit identifying energy saving opportunities. Usually Energy Audit helps to identify safety concerns with electrical systems, wiring and ventilation thus making your home or business safer. Sir also discussed about different types of Energy Audits like Preliminary Energy Audit and Detailed Energy Audit. He discussed how even we can perform Energy Audit of our home.

Dr. B. V. Madiggond, HOD, EEE Dept. addressed the gathering. Flower presentation is done by Prof. S. D. Hirekodi. Introduction of chief guest was done by Prof. M. P. Yenagimath. At the end of the session felicitation of the Chief Guest was done by dignitaries on the dais. Presidential remarks was given by Dr. S. C. Kamate, Principal, HIT Nidasoshi. Function was concluded by delivering vote of thanks by Prof. S. G. Huddar.



Essay Competition on “Social Media & its Impact on Student’s Life”

EESSA organized Essay Competition on “Social Media & its Impact on Student’s Life” which helps to create awareness among the students about the impact of social media on their day to day life and its impact on their studies. Organizing such events helps to improve the writing skills of students. Total 11 students from 3rd and 5th Sem. of EEE department were participated in the event. Miss. Ganga Totad of 5th Sem secured First Prize and Miss. Gouri Patli of 5th Sem secured Second Prize.



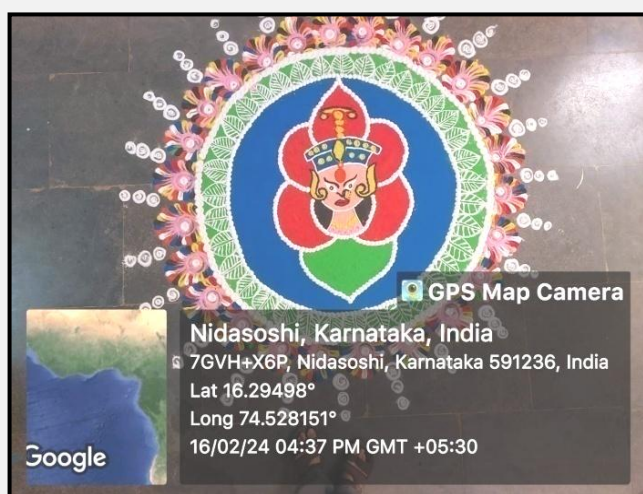
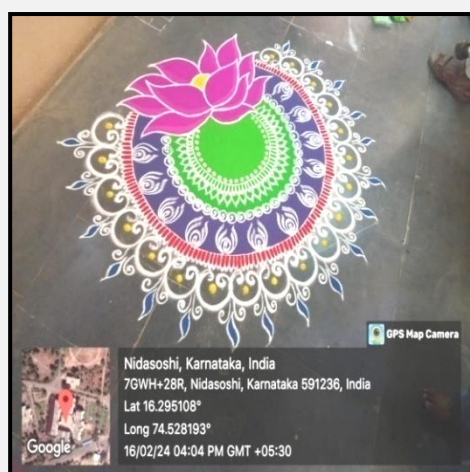
Rangoli Competition & Clay Modelling (Extra-Curricular)

EESSA organized the Rangoli Competition & Clay Modelling for EEE students on 16th February 2024 from 2.00 pm to 5:00 pm in EEE department porch. Total 10 students participated in the Rangoli Competition and 07 students in Clay Modelling. The theme of the Rangoli Competition was Sanskar Bharati and theme of Clay Modelling was Village Life. The participants prepared the clay models using colored clay.

Rangoli Competition Event was judged by Prof. P. I. Savadatti, Asst. Prof, Department of EEE and Prof. O. B. Heddurehthi, Asst. Prof, Department of EEE judged the Clay Modelling.

In Rangoli Competition Miss. Sushrusha Palkar and Miss. Ashwini Sondakar of 3rd Sem secured First Prize and Miss. Kakandaki Sakshi and Miss. Laxmi Rumoji of 3rd Sem secured Second Prize.

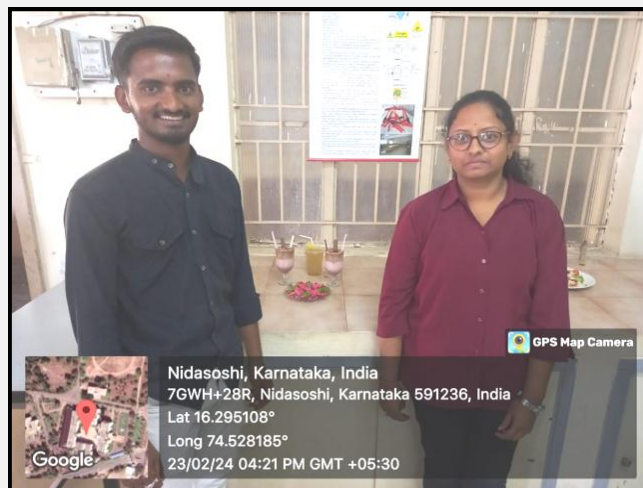
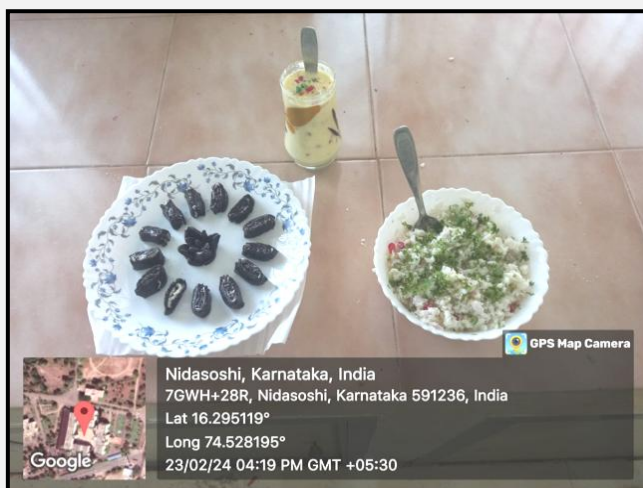
In Clay Modeling Competition Mr. Arun Ghatage and Mr. Satyagouda Patil of 5th Sem secured First Prize and Mr. Sunil Hittalmani and Mr. Vijay Goudra secured Second Prize.



Cooking without Fire (Extra-Curricular)

EESSA organized the event cooking without fire for EEE students on 23rd February 2024 from 2.00pm to 5.00pm in Basic Electrical Lab. Total 10 groups (each group consisting of two students), participated in the event. Each group prepared three food items. Event was judged by Dr. Tanuja S. B. Asst. Prof, Department of Chemistry and Prof. S. S. Kamate, Asst. Prof, Department of ECE.

Mr. Vrushabh Patil and Miss. Aishwarya Kamble of 5th Sem secured First Prize and Miss. Sushusha Palkar and Miss. Pooja Khadakhavi of 3rd Sem secured Second Prize.

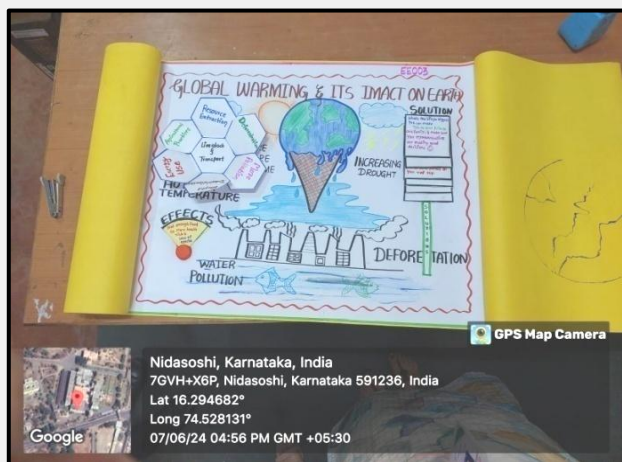
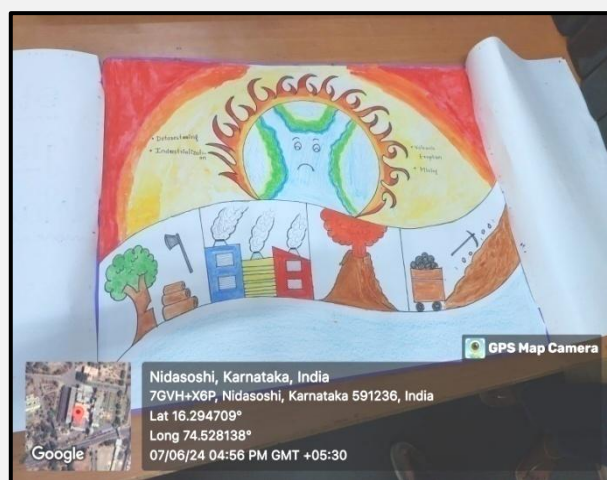


Poster Presentation (Extra-Curricular)

EESSA organized poster presentation competition for the EEE students, on 07th June 2024 from 2:00pm to 5:00pm in Electrical Machines lab. Total 03 groups participated in the event. Each group prepared the posters on the given theme “Global Warming & Its Impact on Environment”.

The event was judged by Dr. Tanuja S. B. Asst. Professor, Department of Chemistry, HSIT and Prof. S. G. Huddar, Asst. Professor, Department of E&E Engg.

Miss. Sushrusha Palakar & Miss. Pooja Khadakbhavi of 4th Sem won the First Prize and Miss. Sanjeevini Belagali & Miss. Pradnya Yenagimath of 4th Sem won the Second Prize.



“Box Cricket” (Extra-Curricular)

EESSA organized Box Cricket Tournament for EEE students on 14th June 2024 from 2:00pm to 5:00pm at college ground. Total seven groups, (each group consisting of seven 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. 5 lead by Mr. Vinayak Manomi won the tournament.

Team no. 6 lead by Mr. Pratik Nalavade were the runner up.

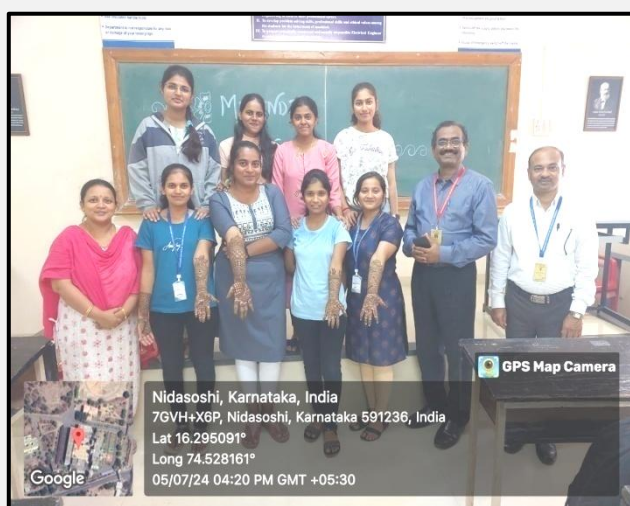


Mehendi Competition (Extra-Curricular)

EESSA organized Mehendi Competition for the EEE students, on 5th July 2024 from 2:00pm to 5:00pm in Basic Electrical Lab. Total 04 students participated in the event. Each student had drawn different designs of Mehendi.

The event was judged by Prof. P. I. Savadatti, Asst. Professor, Department of EEE, HSIT, Nidasoshi and Prof. S. G. Huddar, Asst. Professor, Department of EEE, HSIT, Nidasoshi.

Miss. Aishwarya Kambale of 6th Sem won the First Prize & Miss. Sushrusha Palkar of 4th Sem won the Second Prize.



Sponsored Projects

Sponsoring Agency	Project Title	Student Name	Guided by
KSCST & IISC, Bengaluru	Design & Development of Selective Betel leaf Plucking Robot	Mr. Swapnil Mali Mr. Anant Dadannavar Mr. Manikanth Kadakol	Prof. Amit Neshti

STUDENTS ACHIEVEMENTS

Student's achievement in the Academic Year 2023-24

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

S. No.	Student Name	Name of Event	Prize/Award
1	Miss. Susrusha Palkar Miss. Pooja Khadakbhavi	National Level Project Competition held at S. B. Group of Institute, Miraj on 31 st May 2024	First
2	Mr. Chetan Raju Mulimani (VI Sem.) University Blue	Wrestling competition held at KLS VEDIT Halyal during 20 th November 2023 to 21 st November 2023.	Gold Medal
3	Miss. Soumya S. Kamate (IV Sem.) University Blue	Roller Skating VTU All India Inter University competition held at Shivaganga Roller Skating Club, Belagavi, Karnataka on 28 th January 2023.	Silver Medal
4	Miss. Susrusha Palkar	Discus throw held at HIT, Nidasoshi on 2 nd May 2024	First
5	Miss. Susrusha Palkar	Mehandi Competition held at HIT, Nidasoshi on 1 st March 2024	Third
6	Miss. Pooja Khadakbhavi & Miss. Susrusha Palkar	Mini project EMPIRE-2024 competition held at Sanjay Bhokare group of Institutes, Miraj on 31 st May 2024.	First



Mr. Chetan Raju Mulimani (VI Sem.)
University Blue
Wrestling



Miss. Soumya S. Kamate (IV Sem.)
University Blue
Roller Skating

Rewarding the IA Toppers



Miss. Sushrusha Palkar (III Sem. IA1, Rank I)



Miss. Aishwarya Mali (III Sem. IA1, Rank II)



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



Miss. Sahana Chougala
(V Sem. IA1, Rank II)



Miss. Saniya Choudhari
(VII Sem. IA1, Rank I)



Miss. Jyoti Benawadi
(VII Sem. IA1, Rank II)

Rewarding the IA Toppers



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



Miss. Aishwarya Mali, Miss. Pooja Halingali
(III Sem. IA2, Rank II)



Miss. Sahana Chougala
(V Sem. IA2, Rank I)



Miss. Gouri Patli
(V Sem. IA2, Rank II)



Miss. Jyoti Benawadi, Miss. Saniya Choudhari
(VII Sem. IA2, Rank I)



Miss. Rashmi Malagoudanavar
(VII Sem. IA2, Rank II)

Rewarding the IA Toppers



Miss. Keerti Kalmath (IV Sem. IA1, Rank I)



Miss. Sanjeevini Belagali (IV Sem. IA1, Rank II)



Miss. Ganga Totad, Miss. Gouri Patli, Mr. Shivam Metri (VI Sem. IA1, Rank I)



Miss. Sahana Chougala, Miss. Swati Subhedar (VI Sem. IA1, Rank II)



Mr. Malakarisidda Metri (VIII Sem. IA1, Rank I)



Miss. Jyoti Benawadi (VIII Sem. IA1, Rank II)

MoU

S.No.	Industry	Purpose	Year
1	Blue Smart Elevators, Belagavi.	Knowledge sharing and interaction Electrical & Electronics Engineering	28.12.2023 to till date

Rewarding the IA Toppers



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



Miss. Tanvi Mallewadi (IV Sem. IA2, Rank II)



Miss. Sahana Chougala, Miss. Gouri Patli
(VI Sem. IA2, Rank I)



Mr. Shivam Metri
(VI Sem. IA2, Rank II)



Miss. Jyoti Benawadi (VIII Sem. IA2, Rank I)



Mr. Swapnil Mali (VIII 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 “Network Reconfiguration For Loss Reduction And Improvement of Voltage Profile In Electrical Distribution System” in International Journal Of Advance Research In Science And Engineering (IJARSE) Volume No-12, Issue No-12, Dec. 2023.ISSN:2319-8354.
- ❖ Published a paper entitled “Design And Implementation Of Hybrid Powered Multifunction Bicycle” in International Journal Of Electrical & Electronics Engineers (IJEET) O-ISSN 2321-2055 ISSN(P)2321-2045 Volume 15, Issue No. 02, July- Dec 2023.
- ❖ Published a paper entitled “Internet of Things Based Vehicle Accident Prevention and Detection System” in International Journal Of Electrical & Electronics Engineers (IJEET) O-ISSN 2321-2055 ISSN(P)2321-2045 Volume 15, Issue No. 02, July- Dec 2023.
- ❖ Published a paper entitled “Battery Management System In PHEV” in International Journal Of Electrical & Electronics Engineers (IJEET) O-ISSN 2321-2055 ISSN(P)2321-2045 Volume 15, Issue No. 02, July- Dec 2023.
- ❖ Published a paper entitled “Design and Development of Microcontroller Based Quasi Square Wave Inverter (QSI) for Elevator Illumination application” in International Journal Of Advance Research In Science And Engineering (IJARSE) Volume No-12, Issue No-12, December 2023.ISSN:2319-8354.
- ❖ Published a paper entitled “Wireless Charging System for EV’s Using Solar” in International Journal of Electrical and Electronics Engineers Volume 15, Issue No 02 July-Dec 2023.

Prof. Shivanand D. Hirekodi

- ❖ Member, BOE (EEE) of VTU Belagavi 2021-22
- ❖ Published a paper entitled “Network Reconfiguration for loss Reduction and Improvement of Voltage Profile in Electrical Distribution System” in International Journal of Advanced research in Science and Engineering Vol.12, Issue 12, Dec.2023
- ❖ Published a paper entitled “Optimal Placement of Static Phase Shifter and STATCOM to Enhance Performance of the Electrical Networks” in IEEE XPLORE COMPLIANT ISBN 978-1-6654-6216-7.

Prof. Hemalata R. Zinage

- ❖ Published a research paper entitled “Design And Development Of Arduino Based Battery Operated Vehicle For Agriculture Application” in international journal of electrical and electronics engineering, O-ISSN 2321-2055 ISSN(P) 2321-2045 Vol-15, issue no.2, July-Dec-2023.
- ❖ Published a research paper entitled “Plant Leaf Disease Detection Using Image Processing” in a international Journal of creative research and thoughts © 2023 IJCRT | Volume 11, Issue 7 July 2023 | ISSN: 2320-2882.

Prof. Mahesh P. Yenagimath

- ❖ 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 “Intelligent Agricultural field Monitoring and controlling System Using Renewable Source” in Published In International Journal Of Electrical & Electronics Engineers (IJEET) O-ISSN 2321-2055 ISSN(P)2321-2045 Volume 15, Issue No. 02, July- Dec 2023.

Prof. Onkar B. Heddurshetti

- ❖ Member, BOE (EEE) of VTU Belagavi, 2023-24
- ❖ Published a paper entitled “Plant Leaf Disease Detection Using Image Processing” in an International Journal of Creative Research Thoughts (IJCRT) with 7.97 Impact Factor by Google Scholar, Volume 11, Issue 7 July 2023 , Date of Publication: 25-July-2023 UGC Approved Journal No: 49023 (18), ISSN:2320-2882.
- ❖ Published a paper entitled “Design and Development of Arduino Based Battery Operated Vehicle for Agriculture Application” in an International Journal of Electrical and Electronics Engineers(IJEET) O-ISSN 2321-20255, ISSN-P 2321-2045, Volume 15, Issue No. 02, July- Dec 2023.

- ❖ Published a paper entitled “Design and Development of Arduino Based Battery Operated Vehicle for Agriculture Application” in the Proceedings of an ‘International Conference on Recent Trends in Engineering and Technology (ICRTET-2023)’ during 8th and 9th December 2023 held at HIT, Nidasoshi with ISBN: 978-93-91535-97-1.
- ❖ Invited as a resource person to deliver a talk on “Our proud Alumni” for First sem B.E. students at HIT, Nidasoshi as part of Induction program Phase-I on 16th Sept 2023.

Prof. A. U. Neshti

- ❖ Compiled a Formula book entitled “Electric Circuit Analysis”, published by Visvesvaraya Technological University, Belagavi.
- ❖ Published a paper entitled “Internet of Things Based Vehicle Accident Prevention and Detection System” in Published In International Journal Of Electrical & Electronics Engineers (IJEET) O-ISSN 2321-2055 ISSN(P)2321-2045 Volume 15, Issue No. 02, July- Dec 2023.

Prof. K. B. Negalur

- ❖ Published a paper entitled “Battery Management System In PHEV” in International Journal Of Electrical & Electronics Engineers (IJEET) O-ISSN 2321-2055 ISSN(P)2321-2045 Volume 15, Issue No. 02, July- Dec 2023.
- ❖ Published a paper entitled “Design And Implementation Of Hybrid Powered Multifunction Bicycle” in International Journal Of Electrical & Electronics Engineers (IJEET) O-ISSN 2321-2055 ISSN(P)2321-2045 Volume 15, Issue No. 02, July- Dec 2023.

Prof. S. G. Huddar

- ❖ Published the paper entitled “Network Reconfiguration for loss Reduction and Improvement of Voltage Profile in Electrical Distribution System” in International Journal Of Advance Research In Science And Engineering (IJARSE) Volume No-12, Issue No-12, December 2023.ISSN:2319-8354.

Prof. P. I. Savadatti

- ❖ Published a paper entitled “Intelligent Agricultural field Monitoring and Controlling System using Renewable Source” in International Journal Of Electrical & Electronics Engineers (IJEET) O-ISSN 2321-2055 ISSN(P)2321-2045 Volume 15, Issue No. 02, July- Dec 2023.

Events Organized / Attended

Sl. No.	Name of the Faculty	Description
1	Prof. S. D. Hirekodi	❖ Attended one day FDP on “Revised NAAC quality indicator framework and SSR preparation” organized by HIT, Nidasoshi. 24th November 2023 at Hirasugar Institute of Technology, Nidasoshi. ❖ Attended five days online national level workshop on “Deep learning and its applications” organized by Kalpataru Institute of Technology, Tipatur from 6th March 2023 to 10th March 2023. ❖ Attended seven days workshop on “Cyber Security and Ethical Hacking” during 12th Feb 2024 to 17th Feb 2024 organized by Kalpataru Institute of Technology, Tipatur.
2	Prof. H. R. Zinage	❖ Participated in One-week National Level Online Faculty Development Programme on “Recent Trends in Green Energy Initiatives and Soft Computing Techniques” from 11th July 2023 to 15th July 2023 organized by Mahatma Gandhi Institute of Technology, Gandipet, Hyderabad. ❖ Attended workshop on “Advances in materials technology for next generation manufacturing” during 1st Feb to 5th Feb 2024 organized by department of Mechanical Engineering, BITM Bellary.
3	Prof. M. P. Yenagimath	❖ Attended seven days workshop on “Cyber Security and Ethical Hacking” during 12th Feb 2024 to 17th Feb 2024 organized by Kalpataru Institute of Technology, Tipatur.
4	Prof. O. B. Heddurshetti	❖ Participated in A One-week National Level Online Faculty Development Programme on “Recent Trends in Green Energy Initiatives and Soft Computing Techniques” from 11th July 2023 to 15th July 2023 organized by Mahatma Gandhi Institute of Technology, Gandipet, Hyderabad. ❖ Attended workshop on “Advances in materials technology for next generation manufacturing” during 1st Feb to 5th Feb 2024 organized by department of Mechanical Engineering, BITM Bellary.

Sl. No.	Name of the Faculty	Description
5	Prof. A. U. Neshti	❖ Attended three days workshop on “Demistifying the Ph.D Thesis: Best Practices & Regulations” during 25 th April 2024 to 27 th April 2024 organized by Organized by Research Center, Department of Computer Science & Engineering, GIT, Belagavi.
6	Prof. K.B. Negalur	❖ Attended three days workshop on “Demistifying the Ph.D Thesis: Best Practices & Regulations” during 25 th April 2024 to 27 th April 2024 organized by Research Center, Department of Computer Science & Engineering, GIT, Belagavi.
7	Prof. S. G. Huddar	❖ Organized a Talk on “Entrepreneurship” for all the students of EEE department on 28th December 2023. ❖ Organized webinar on “Preparation for GATE exam and its opportunities” on 5th January 2024. ❖ Organized technical talk on “Energy Audit” on 16th January 2024. ❖ Participated in 5 days online international FDP on “NLP and ChatGPT Applications” during 14th August 2023 to 19th August 2023 organized by SECAB Institute of Engineering & Technology in collaboration with ExcelR Edtech Pvt. Ltd. ❖ Participated in one week FDP on “Recent trends in Artificial Intelligence” during 22nd January 2024 to 27th January 2024 organized by Dept of CS and application, Faculty of science Bhupal Noble’s University Udaipur with Pantech E Learning. ❖ Attended three days workshop on “Demistifying the Ph.D Thesis: Best Practices & Regulations” during 25th April 2024 to 27th April 2024 organized by Organized by Research Center, Department of Computer Science & Engineering.
8	Prof. P. I. Savadatti	❖ Attended seven days workshop on “Cyber Security and Ethical Hacking” during 12 th Feb 2024 to 17 th Feb 2024 organized by Kalpataru Institute of Technology, Tipatur.

Placements of 2023-24 Batch Students

S.N.	USN	Student Name	Designation	Name of the Employer	Annual Package LPA
1.	2HN20EE001	Abhinandan Doddannavar	Graduate Engineer Trainee	Justech Precision Industry India Pvt. Ltd., Bengaluru	2.28
2.	2HN20EE017	Swapnil Mali	Graduate Engineer Trainee	Justech Precision Industry India Pvt. Ltd., Bengaluru	2.28
			Trainee	Palle Technologies, Bengaluru	CSR
			Trainee	Global Quest Technologies, Bengaluru	CSR
3.	2HN20EE007	Jyoti Benawadi	Trainee	Palle Technologies, Bengaluru	CSR
			Trainee	TAP Academy, Bengaluru	CSR
4.	2HN20EE008	Kuber Padanad	Graduate Engineer Trainee	Justech Precision Industry India Pvt. Ltd., Bengaluru	2.28
			Intern	Xworkz, Bengaluru	CSR
5.	2HN20EE015	Siddu Kalli	Graduate Engineer Trainee	Justech Precision Industry India Pvt. Ltd., Bengaluru	2.28
			Trainee	TAP Academy, Bengaluru	CSR
6.	2HN20EE009	Malakarisidda Metri	Graduate Engineer Trainee	Justech Precision Industry India Pvt. Ltd., Bengaluru	2.28
7.	2HN21EE400	Anant Dadannavar	Graduate Engineer Trainee	Justech Precision Industry India Pvt.Ltd., Bengaluru	2.28
8.	2HN21EE401	Manikanth Kadakol	Graduate Engineer Trainee	Justech Precision Industry India Pvt.Ltd., Bengaluru	2.28
9.	2HN20EE005	Yugal Arali	Graduate Engineer Trainee	Justech Precision Industry India Pvt.Ltd., Bengaluru	2.28
10.	2HN20EE012	Pravin Naik	Trainee	JAVA Learning Center, Bengaluru	CSR

100% Result Achievement

Sl. No.	Class	Name of the Subject	Course Code	Name of the Faculty
1	IV	Samskrutika Kannada / Balake Kannada	21KSK47/21KBK47	Smt. B. S. Koteppagol
2		Universal Human Values & Professional Ethics	21UH49	Prof. H. R. Zinage
3	V	Environmental Studies	21CIV57	Dr. Tanuja S. B.
4	VI	Programming in JAVA	18CS653	Prof. P. G. Patil
5	VII	Smart Grid	18EE744	Prof. K. B. Negalur
6	VII	Energy & Environment	18ME751	Dr. M. M. Shivashimpi
7	VIII	Big Data Analytics In Power Systems	18EE823	Prof. M. P. Yenagimath

PHOTO GALLERY

