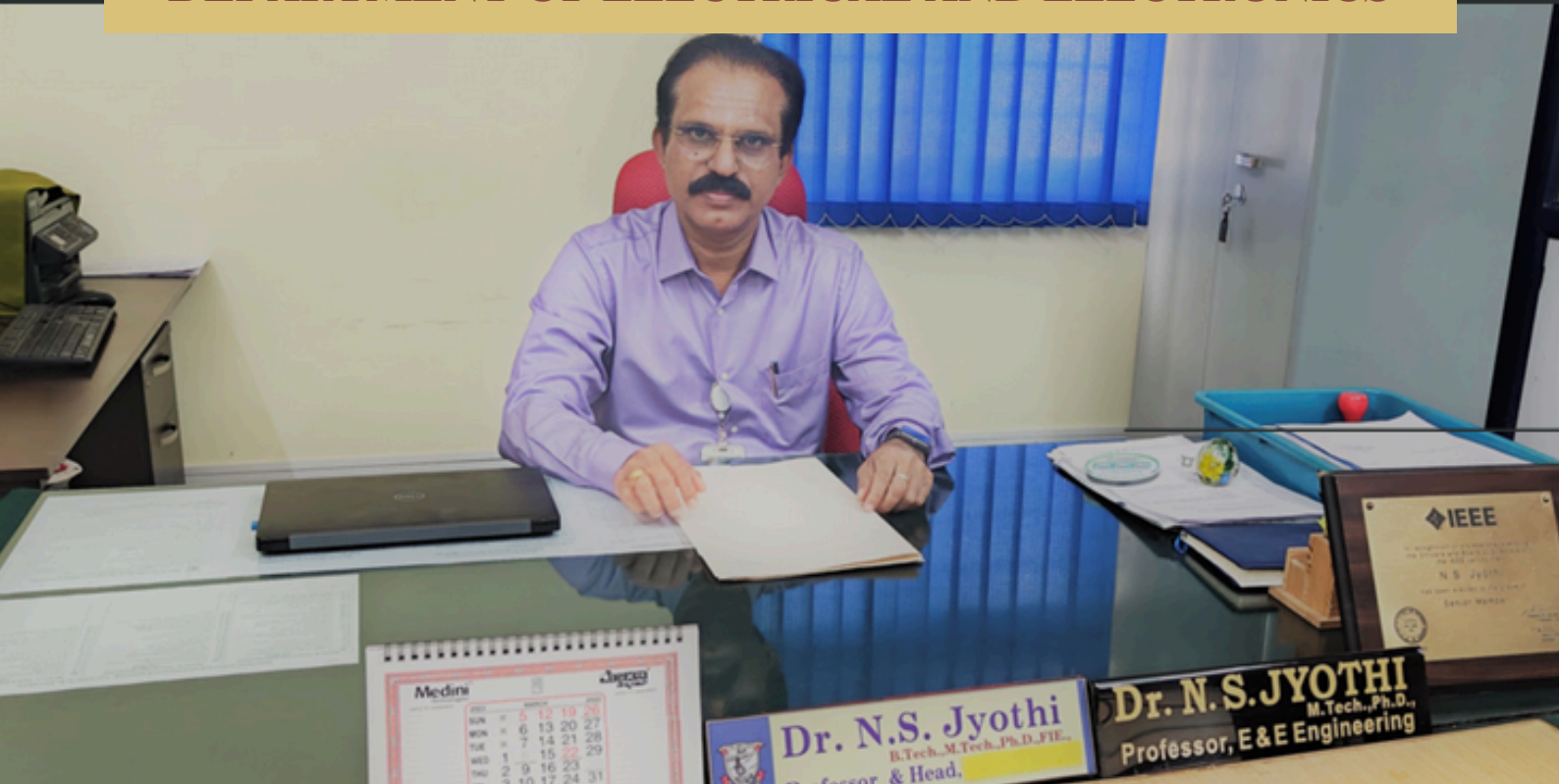


Annual Academic year 2023-24 NEWS LETTER

DEPARTMENT OF ELECTRICAL AND ELECTRONICS



A message from HOD

Dear EEE branch students,

Get ready to witness the transformation of sparks into lightning bolts as we set out on an enthralling journey of discovery and creativity. It is an honor for me to serve as the department head and see your extraordinary potential realized. Together, let's unleash the floods of creativity, shed light on the most complex problems, and design a future that knows no bounds. Accept the power that is already within you; the world is waiting for you to reveal the game-changing answers. Let us light up the world with our brilliance, using excellence as our catalyst and ardor as our conductor.

VISION AND MISSION

Vision

To become a department of excellence in the domain of Electrical and Electronics Engineering producing competent engineers with research acumen having moral and social values.

Mission

Enhance industry and alumni interaction. Promote continuous quality up gradation of faculty and technical staff. Modernization of departmental infrastructure to provide state-of-the-art laboratories is from time to time. Create research oriented culture to invoke the desire and ability of lifelong learning among the students for pursuing successful careers. Create and sustain an environment of learning in which students acquire knowledge and learn to apply it professionally with due consideration of social and ethical values.

Departmental Achievements

Faculty Achievements

Patent Granted

01.Laser Interferometer for length measurement

Authors: Dr. M Ramesh ,Dr. Rajanna S

Year of Publication: October,2023

Design Number: 6319739

02. Solar Powered Water Purification Device

Authors: Mr. Arjun G T

Year of Publication: June,2024

Design Number: 6372128

PhD Awarded

01.Integrated hybrid renewable energy system for electrification of remote rural area

Name: R. K. Dhavala

Guide /Co-guide Supervisor name: Dr. H. N. Suresh,Dr. Rajanna S.

Year of Degree awarded: 07/03/2024

Departmental Achievements

Student Achievements.

01. “Technical Event” a National level and college-level paper presentation event, took place in April 2024.

- Participants: Sudhir G, Varshini B I from our branch.
- Paper: Their presentation, titled 'IOT BASED EXOSKELETON ARM'
- Achievement: They secured the First Prize, demonstrating their exploration of IOT BASED EXOSKELETON ARM.

02. AEEE association

Participated in Scientia Event conducted by Science Association Club on 21/02/2024.
Achievement: Secured First Prize (Kalam cup).

Foundation Day of IUCEE EWB MCE Students Chapter “Humans of MCE.”
Winner of “Rolling trophy”

03. Malnad Fest was organized May 5th, 2024.

- Actively participated in Malnad Fest events and secured Third place.
- Inter Branch Sports Events.
 - Girls won championship.
 - Boys secured 2nd place.

04. “Best Academic performer of the year”

The Student Chethana K R -4MC21EE014 was awarded on the occasion of Malnad Fest on May 5th, 2024.

Departmental Achievements

Student Achievements.

Sports Events Participated

- Gold medal in VTU zonal netball championship held at SJEC Mangalore on 27th to 28th March 2023
- Gold medal in VTU zonal netball championship held at MCE ,Hassan from 25th to 26th January 2024
- Gold medal in VTU State level Netball Championship held at MCE, Hassan on 27th January 2024
- Silver medal in VTU State level Netball Championship held at SJEC Mangalore on 28th to 29th March 2023
- Silver medal in Senior South zone National Netball championship held at Telangana, from 11th to 16th January 2024
- Bronze medal in All India National Inter University Netball Championship held at SSAHE , Tumakur from 11th to 16th March 2024
- Bronze medal in 5th Senior State level Netball Championship held at Bangalore from 17th to 19th May 2024



Yashas Gowda M N studying in 2nd year Electrical and Electronics Engineering, Malnad College of Engineering, Hassan.

SUMMER INTERNSHIP PROGRAM-II

17-10-2023



Our Department has made available a Summer Internship- II option for fourth semester students. Teragon Edtech Private Limited, which is registered with the Ministry of Corporate Affairs (MCA), and the EEE Department collaborated to establish one month internship program. One month of the program included lessons on "Data science," "Entrepreneurship," and "Basics of Python," all of which will be useful in their forthcoming tasks. More than sixty students from the branch participated in the training session and received practical experience on the topic mentioned earlier. The sessions were from 17/10/2023 to 17/11/2023, with the hardwork of the coordinators Mr. Kiran Kumar Naik and Mr. Pramod H K it was an resounding success.

AEEE INAUGURATION AND ENERGY CONSERVATION DAY

15-12-2023



On December 14 and 15, 2023, the MCE Hassan Alumni Hall gave an energetic platform for the saving of energy. A wide range of interesting activities and talks were included in the event, which was organized by the Electrical and Electronics Department in collaboration with MERIISE.

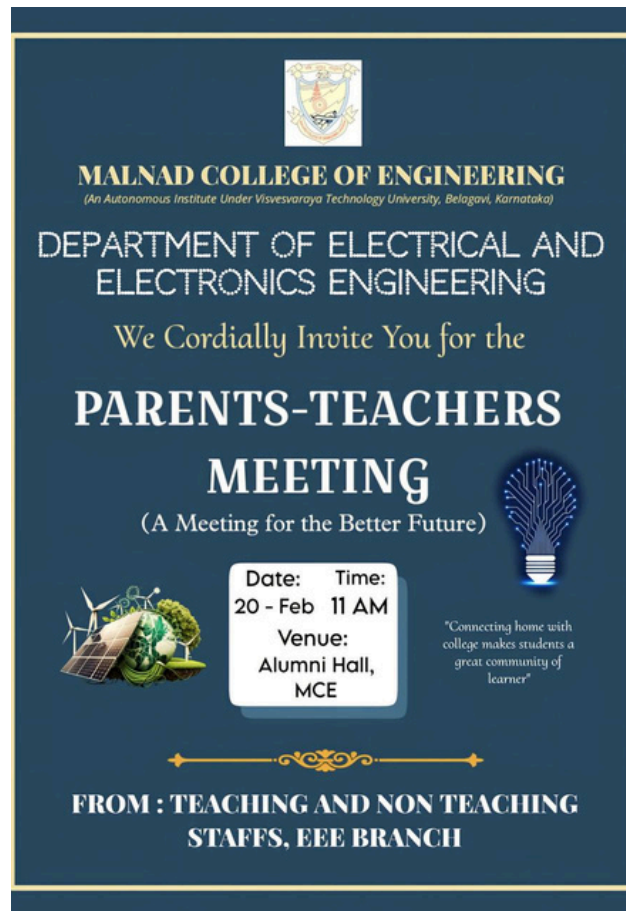
December 14, 2023 was the date of the drawing competition, debate, and prototype presentation. The slogan for the event was "Embrace Energy Conservation Today, Preserve Tomorrow."

On the day December 15, 2023 the guest Hemachandra K. C, an MCE Hassan alumni from our branch's 2001 batch and an assistant executive engineer (ele) in the Operation and Maintenance Subdivision of CESC, offered a fresh perspective to the energy conservation day event. His presence gave the program a more technical feel. Additionally, he shared his knowledge of SCADA, which is the electrical engineering area's future.



PARENTS - TEACHER'S MEETING

12-02-2024



The recent Parents-Teachers Meeting provided a valuable platform for fostering collaboration between educators and families. Teachers shared insights on students' progress, highlighting strengths and areas for improvement. Parents actively engaged in discussions, offering feedback and exploring ways to support learning at home. Many parents inquired about placement opportunities, seeking clarity on career guidance and future prospects for their children. The session concluded with a renewed commitment to nurture holistic development and ensure a bright future for every student.

EEE DAY & FAREWELL

03-05-2024



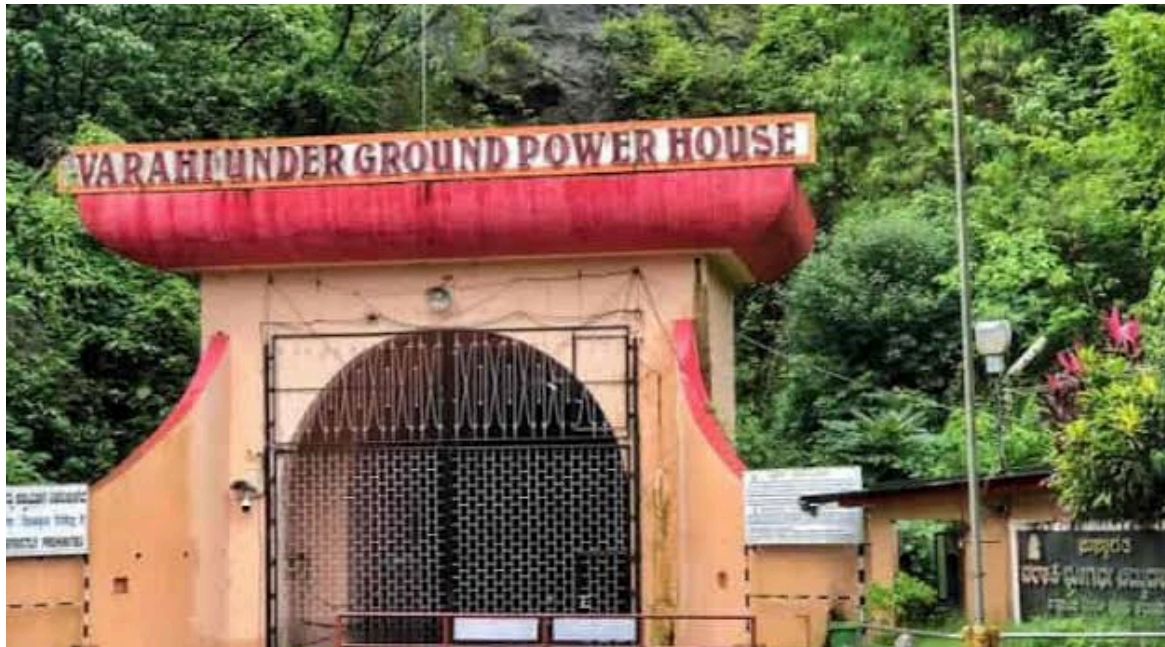
An Event conducted on 3rd of may EEE (Electrical and Electronics Engineering) Day is an annual celebration dedicated to the field of Electrical and Electronics Engineering. It's a day to honor the contributions of engineers in this domain and to inspire students and professionals alike. It's also a time for networking, sharing knowledge, and fostering a sense of community among EEE enthusiasts. The day underscores the importance of EEE in shaping modern technology and improving our quality of life.

On this day the merit-incentive environment is bought back, in merit incentive environment, individuals are assessed and rewarded with a price money based on their skills, achievements and performance by the department. The intra-branch sports winners were also falcitated with medals.

A farewell was given to the final year students with the small momentary gifts.



INDUSTRIAL VISIT 2023-2024



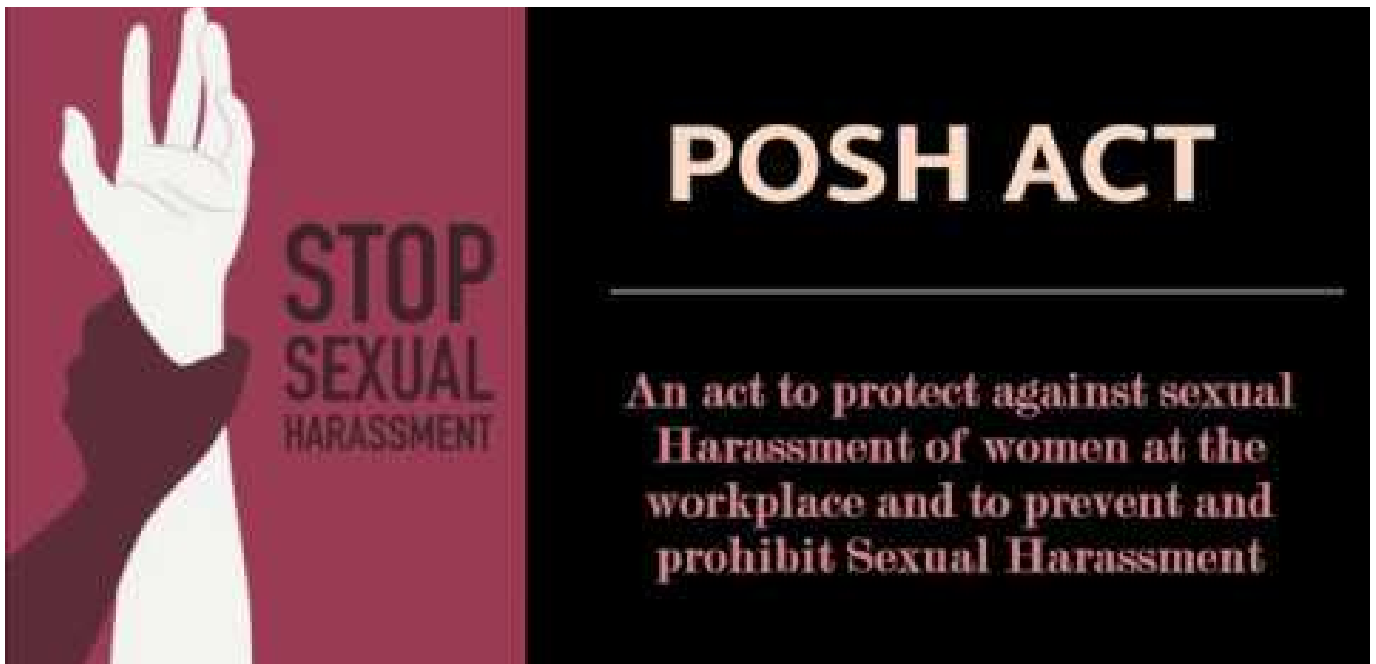
The industrial visit, which took place between February 26 and February 28, 2023, was a memorable event. We came away from the journey with an incredible amount of knowledge and unforgettable experiences that combined the power of nature, engineering achievements, and historical treasures. It was a fascinating chance to learn about the procedures involved in generating power.

The main objective of this visit was to strengthen the knowledge of the operation of a hydroelectric plant and the procedure of generating electricity. A remarkable visit of the Varahi Hydel Power Plant exhibits the amazing capabilities of renewable energy engineering. Utilizing the Varahi River as its power source, the facility showcases the effective utilization of hydroelectric power in producing energy. A guided visit provided an understanding of the functioning of the turbines, control systems, and underground power plant.

The historical significance of temples along the journey became more interesting, as did the importance of protecting our cultural heritage.

POSH AWARENESS PROGRAM

13-06-2024



The invited seminar on "POSH-AWARENESS" , was a rewarding experience for fourth and sixth semester EEE students. It increased their knowledge of the topic and made them more conscious of how things really are in the real world on POSH. We are appreciative of the coordinator, all of the students who actively participated, and Mrs. Sumithra Krishnaswamy for sharing her knowledge on POSH Awareness and how both girls and boys need to be in the work space.

In support of the 'Electrical and Electronics' department and the coordinator Mrs. Sowmya G R an invited talk was organized. This engaging event took place on June 13, 2024, Thursday, from 11:00AM to 1:00PM in the batches one hour each for a batch for both fourth and sixth semester. The talk revolved around the POSH for the students. The participants attended the program and making it a resounding success.

FDP/STTP STUDENTS ATTENDED

01. An invited talk.

An workshop was organised by the ME-RIISE FOUNDATION and INSTITUTION'S INNOVATION COUNCIL (IIC) that is Workshop on Intellectual Property Rights in Academia: Strategies for Success & World Intellectual Property Day Celebration

Few students showed interest in the subject and showed up for the one-day program. Dr. K.T. Varughese, an intellectual property counsellor and patent agent exam trainer, and Mr. Sharath Kumar Pattar, the head of the patent cell at the All India Institute of Speech and Hearing in Mysuru, were the speakers. Ten EEE students found interested and attended the workshop and they learnt more about patent.

02. Workshop.

The ME-RIISE FOUNDATION arranged a three-days workshop titled "Design workshop" that took place from May 31 to June 2, 2024. About eight students participated in the session from the department and gained practical experience from their mentors. The topic of discussion in the workshop was Editing, Photoshop etc.,. The students found With their presence, it was an excellent workshop.

03. Industry Visit.

As awareness of electric vehicles grows , ME-RIISE FOUNDATION organized one day Industry Visit to "Elecново" on 5th June, 2024.About twelve students from the EEE Department visited the company to obtained initial experience of electric vehicles. The students received knowledge of the EV during a one-day industrial visit.