

VOLUME 3

Department Newsletter

DEPARTMENT OF ELECTRICAL AND ELECTRONICS

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Leadership
Vision
Excellence
Innovation
Inspiration

Guiding minds,
Shaping the future.



Dr. Rajanna S.

Professor & Head
Department of Electrical & Electronics Engineering
Malnad College of Engineering, Hassan



Commitment to Quality Education



Fostering Innovation



Building a Better Tomorrow

A MESSAGE FROM HOD

Dear EEE students,

As you begin your journey in Electrical and Electronics Engineering, you are stepping into a field that drives innovation, technology, and progress. Each of you has unique abilities, ideas, and the potential to become an engineer who can make a meaningful impact on society. Approach every challenge with curiosity, every opportunity with enthusiasm, and every learning experience with an open mind. Let creativity guide your ideas, passion strengthen your efforts, and perseverance turn challenges into achievements. Engineering is not merely about acquiring technical knowledge; it is about solving real-world problems and creating solutions that improve the lives of people. True success lies not only in what we achieve, but also in the positive impact we create. I encourage you to learn collaboratively, experiment fearlessly, embrace new technologies, and continuously challenge yourselves to think differently. Together, let us build a culture of innovation, excellence, and lifelong learning, and shape a future where our knowledge and skills make a lasting difference.

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.
- Time to time modernization of departmental infrastructure to provide state of the art laboratories.
- Create research-oriented culture to invoke the desire and ability of lifelong learning among the students for pursuing successful career.
- Create and sustain environment of learning in which students acquire knowledge and learn to apply it professionally with due consideration of social and ethical values.

"Guiding Hands and Creative Minds"

"Meet the Team Behind This Issue"

Editorial Head

Kruthi S P

Assitant Professor

Department of Electrical and Electronics

Editorial Coordinators

R G Chinmayee- 4MC22EE068

Divya B S- 4MC22EE026

Editorial Team

Mohammed Farmaan N A- 4MC23EE061

H R Ganavi- 4MC23EE034

ORIENTATION PROGRAM

28-SEPTEMBER-2024

On 28 September 2024, our AEEE team organized the orientation program for the students of batch 2023. This was a great initiative to make the students get adapted to branch, in order to get them acknowledged about AEEE organisation and other branch related customs and rules. Students actively participated in the program, leading a great success to the event. Starting their journey into this amazing field of electrical and electronics.

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Varshini B M -
Batch 2020-
2024(Gold
Medalist)
Guided the
students about
Pros and Cons of
Electrical and
electronics and
making a
pathway into
this branch.

The Electrical and Electronics Engineering (EEE) branch is thrilled to extend a heartiest welcome to the batch of 2023! We're excited to have you on board and be a part of your journey in this fascinating field. As EEE students, you are now part of a dynamic and innovative field that shapes the world around us. Our branch is committed to providing you with a comprehensive education, cutting-edge research opportunities, and a supportive community that fosters growth and excellence.



On the day HOD -Dr Rajanna S, gave a acknowledgement of broad perspective about getting into this field. The future of Electrical and Electronics Engineering is bright, and we are excited to have you be a part of it.



KARATE CHAMPIONSHIP

16-OCTOBER-2025



The Department of Electrical and Electronics Engineering, Malnad College of Engineering (MCE), Hassan, proudly congratulates Mr. Kishor Kumar N. S. for his remarkable achievements in karate at both state and international levels.

He participated in the State Level Karate Championship (State Selection) held at Chikkaballapur, 2024, where he secured 1st place in Kata and 2nd place in Kumite.

Showcasing exceptional talent and determination, he also competed in the 5th International Level Karate Championship (Shivamogga Open) 2024, achieving 2nd place in Kata and 2nd place in Kumite.

In addition, Kishor Kumar N. S. represented MCE in the VTU State Selection 2024, demonstrating outstanding skill, discipline, and sportsmanship. His consistent dedication and success have brought great pride and recognition to the department and the institution.

EEE STUDENTS EXCEL AT NATIONAL-LEVEL INNOFIESTA

9-10-NOVEMBER-2024



Tech Circuitry Second Prize: Thanush M N & Thanmayi H S



We are thrilled to announce the outstanding achievements of our very own Thanmayi H S and Daniya Arfa at the national-level event, Innofiesta, hosted by Hyderabad Institute of Technology and Management.

A Word from HoD

"We are proud of Thanmayi and Daniya's achievements, demonstrating excellence in innovation and teamwork. Their success inspires us all to strive for greater heights." - Dr. S. Rajanna, Head of Electrical and Electronics Engineering Department.

Two students showcased exceptional talent and teamwork at the national-level event -

Thanmayi H S (5th semester):

- InnovateX 1st Prize (team member)
- Tech Circuitry 2nd Prize (team member)

Daniya Arfa (3rd semester):

- InnovateX 1st Prize (team member)
- Paper 2 Perspective 2nd Prize (team member)

PLAN TODAY, LEAD TOMORROW!

CAREER PLAN WORKSHOP

28-29-NOVEMBER-2024



The poster for the Career Plan Workshop is titled "Mainad College of Engineering, Hassan" and "Department of Electrical and Electronics Engineering". It features a graduation cap icon and the text "In Association with AEEE" and "presents". The main title is "Career Plan Workshop" with the tagline "Plan Today, Lead Tomorrow!". The Resource Person is Sri Ishwara Bhat, Founder & CEO of ManoMaya AI Systems, an Alumni of Mainad College of Engineering. The event is scheduled for 28 & 29 Nov 2024 in the Computer Lab at 10:30am. The poster also lists the Student Coordinators: Srusti R, Sudarshan M, Jeevan K S, Ganesh T S, Hrushvik Raj C D, and Vaishnavi Naidu. It concludes with the invitation: "We cordially invite all the students, teaching and non-teaching staff."

Mainad College of Engineering, Hassan
Department of Electrical and Electronics Engineering
"In Association with AEEE"
presents

Career Plan Workshop

Plan Today, Lead Tomorrow!

Resource Person

Sri Ishwara Bhat
Founder & CEO of ManoMaya AI Systems
Alumni of Mainad College of Engineering

28 & 29 Nov 2024 **Computer Lab 10:30am**

Dr. S. Pradeep
Director MCE, HASSAN

Dr. A. J. Krishnaiah
Principal MCE, HASSAN

Dr. Kaveri K. B.
Event Coordinator and Associate professor
Department of EEE

Dr. S. Rajanna
HOD and Professor
Department of EEE
MCE, HASSAN

Student Coordinators

Srusti R
Sudarshan M
Jeevan K S

Ganesh T S
Hrushvik Raj C D
Vaishnavi Naidu

We cordially invite all the students, teaching and non-teaching staff.



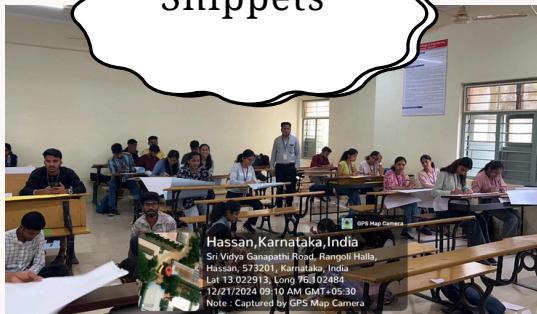
The Department of Electrical and Electronics Engineering, Mainad College of Engineering (MCE), Hassan, organized a Career Plan Workshop from 28th to 30th November 2024 under the banner "Plan Today, Lead Tomorrow!".

The workshop aimed to guide students in developing effective career strategies and understanding diverse professional opportunities in the engineering field. The Resource Person, **Mr. S. Shashidhar**, Training and Placement Officer, delivered an insightful session on identifying individual strengths, setting career goals, and preparing for future challenges in both core and IT industries.

The event was presided over by Dr. A. J. Krishnaiah, Principal, MCE, and Dr. Pradeep S, Director, MCE. Dr. S. Rajanna, Head of the Department of EEE, addressed the students on the importance of career planning in achieving long-term success. The program was coordinated by Kruthi. S. P. and Dr. Kaveri K. B., who ensured smooth organization and enthusiastic student participation.

Students enthusiastically participated in an engaging EEM Course activity. The task involved meticulously drawing and labeling the intricate figures of various measuring instruments on a drawing sheet.

Snippets



This hands-on exercise aimed to enhance students' understanding of measurement tools and their applications. By recreating the instruments' designs, students developed their observational, drawing, and documentation skills.

Session outcomes

- Enhanced understanding of measurement tools and their applications
- Developed observational, drawing, and documentation skills



By seamlessly integrating theory and practice, we empower students to transform into highly skilled, self-assured, and industry-ready professionals, equipped.

PARTICIPATION IN TECHFEST

17,18,19-DECEMBER-2024



A team of students from the Department of Electrical and Electronics Engineering, Malnad College of Engineering, Hassan, actively participated in TechFest 2024 held at the Indian Institute of Technology (IIT) Bombay on December 17th, 18th, and 19th, 2024.

The students attended workshops on Electric Vehicles (EVs) and Robotics, which provided hands-on exposure to cutting-edge technologies and innovative trends in the engineering field. The sessions covered practical insights into EV design, battery management systems, automation, and robotic control mechanisms.

The event offered a valuable opportunity for students to interact with experts, explore real-time applications of modern engineering concepts, and enhance their technical knowledge. Participation in TechFest also fostered teamwork, creativity, and problem-solving skills among the students, aligning with the department's vision of promoting experiential learning and innovation.

The department appreciates the students' enthusiasm and congratulates them for representing Malnad College of Engineering at a prestigious national platform like IIT Bombay.

INDUSTRIAL TRAINING PROGRAM

EMPOWERING INNOVATORS

23-24-DECEMBER-2024



Students from the Electrical and Electronics Engineering (EEE) Department of our institute have successfully presented three impactful research project papers in the area of medical image processing, focusing on breast cancer, skin cancer, and lung cancer, at the IEEE International Conference on Computing and Intelligent Reality Technologies (ICCIRT 2024). The conference was held on 6th December 2024 at

Karunya Institute of Technology and Sciences, Coimbatore, Tamil Nadu.

The research contributions were made by the final year students Chethana K R, Asra Firdose, Bharath C, Adithya N, Sinchana A R, Shifa Fathima, Sonika T M, Priya D P and Sudharsan M under the guidance of Dr. Gowri Shankar M.

INDUSTRY TRAINING PARTNERSHIP

MOU SIGNING CEREMONY

9-JANUARY-2025

The Department of Electrical & Electronics Engineering, Malnad College of Engineering, took a significant step forward by signing a Memorandum of Understanding (MoU) with Debeson Enterprises, Tumkur on January 9, 2025.

The MoU aims to provide industry-oriented training programs to MCE students, bridging the gap between academia and industry. The partnership promises to foster a collaborative environment skill development.

Dignitaries present at the signing ceremony included:

- Principal Dr. A.J. Krishnaiah

- Head of Electrical & Electronics Engineering Department, Dr. S. Rajanna

- Executive Officer of Debeson Enterprises, Basavesh Shetty

- Faculty members of EEE Department, L Kumaraswamy and Dr. M. Ramesh



We are delighted to announce that Sushma has successfully completed her PhD final presentation, marking a significant milestone in her academic journey.

Sushma's presentation showcased her rigorous research, dedication, and expertise in her field. Her work has contributed significantly to the existing body of knowledge, and we are proud to have her as part of our academic community.

We extend our warmest congratulations to Sushma on this outstanding achievement.

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Sushma's research paves the way for sustainable, efficient, and citizen-centric smart cities. We congratulate her on this outstanding achievement!



The MCE ICEE Web Student Chapter from the Electrical and Electronics Engineering (EEE) branch recently achieved outstanding success at the Innovation and Advanced Sciences Forum (IASF) 2025, held on January 7th and 8th. EEE student R G Chinmayee's project, "EcoFlex," was a major highlight, earning a coveted spot in the Top 20 projects during the competitive presentation phase.

EcoFlex is an environmentally conscious innovation that replaces the use of plastic in industrial applications with a sustainable blend of banana fiber and resin. This recognition demonstrates the high caliber of research and commitment to sustainable engineering fostered within our department. Fellow EEE student Pareekshith S Y also participated actively, contributing to the chapter's strong representation.

The chapter's success culminated with the IUCEE students receiving the prestigious Best Student Award, acknowledging their overall excellence, engagement, and commitment throughout the forum. We extend our heartfelt congratulations to R G Chinmayee, Pareekshith S Y, and the entire IUCEE EWB MCE Student Chapter for their remarkable performance and for bringing this significant honor to MCE.



Mrs. Yogitha S. K., Assistant Professor, Department of Electrical and Electronics Engineering, Malnad College of Engineering, Hassan, has successfully published a research paper titled “Advanced Control Techniques for Wind Turbine Optimization: Challenges and Future Directions” in the Scopus-indexed journal YMER, Volume 23, Issue 08, August 2024.

Her research focuses on innovative control strategies aimed at improving the performance, stability, and efficiency of wind turbines, addressing current challenges in renewable energy optimization and sustainability.

This achievement highlights the department’s continuous efforts toward promoting research and development in the field of Electrical and Renewable Energy Systems. The management and faculty of Malnad College of Engineering congratulated Ms. Yogitha S. K. for her valuable contribution to academia and research excellence.



CONGRATULATIONS ON BEHALF OF EEE FOR PLACEMENTS



Name: Tara B R
USN: 4MC21EE083
Company: Data Care Systems



Name: Chethana K R
USN: 4MC21EE014
Company placed: TD Power Systems



Name: Vinay K M
USN: 4MC21EE094
Company: Megha engineering
and infrastructure pvt ltd



Name: Madhan H R
USN: 4MC21EE037
Company: Megha engineering
and
infrastructure pvt ltd

CONGRATULATIONS ON BEHALF OF EEE FOR PLACEMENTS



Name: Madhu R
USN: 4MC22EE418
Company: Toyota kirloskar motor
pvt ltd



Name: Vidya
USN: 4MC21EE090
Company: ACTON Power Solution



Name: Suresh Naragund
USN: 4MC22EE433
Company: ACTON Power Solution



Name: Punith M K
USN: 4MC21EE055
Company: ACTON Power Solution

CONGRATULATIONS ON BEHALF OF EEE FOR PLACEMENTS



Name: Priya G
USN: 4MC21EE053
Company placed: TD Power
Systems



Name: Vidya
USN: 4MC21EE090
Company: ACTON Power Solution



Name: Mithun Gowda H C
USN: 4MC21EE042
Company: Hive Minds



Name: Sudharshan M
USN: 4MC21EE076
Company: Akshayakalpa organic

CONGRATULATIONS ON BEHALF OF EEE FOR PLACEMENTS



Name: Divin Ponanna

USN: 4MC21EE019

Company placed: Sanrad Medical
Systems Pvt. Limited



Name: Jeevan K S

USN: 4MC21EE027

Company placed: Sanrad Medical
Systems Pvt. Limited



Name: Moulya madesh

USN: 4MC21EE053

Company placed: Ascendion



Name: Priyanka S M

USN: 4MC21EE054

Company placed: TD Power
Systems

CONGRATULATIONS ON BEHALF OF EEE FOR PLACEMENTS



Name: Rakshitha.H.P

USN: 4MC21EE058

Company placed: Schneider electric



Name: Srushti R

USN: 4MC21EE072

Company placed: Schneider electric