

ANNUAL NEWSLETTER

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS



A message from HOD

Dear EEE branch students,

Prepare to witness the transformation of sparks into lightning bolts, as we embark on an electrifying odyssey of knowledge and innovation. As the Head of the Department, I am privileged to guide and witness your extraordinary potential unfold. Together, let us amplify the currents of imagination, illuminate the darkest corners of challenges, and engineer a future that defies all limits. Embrace the power within you, for the world eagerly awaits the revolutionary solutions you will unveil. With passion as our conductor and excellence as our charge, let us electrify the world with our brilliance.

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.
- 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.

DEPARTMENTAL ACHIEVEMENTS

Research papers by faculties in the Journals notified on UGC website during the year.

»» 01.

Evaluation of Grounding Grids in Substations Constructed Over a Step Like Terrain Using Classical Charge Simulation Method.

Name of the journal: International Journal of Electrical Engineering and Technology (IJEET).

Name of the Authors: K. Paramesha Vishwanath Hegde

Year of publication: January, 2022

»» 02.

Maximization of photo-voltaic array power output through Lo Sho square shade dispersion technique based re-configuration scheme.

Name of the journal: Energy Conversion and Management, Elsevier.

Name of the Authors: Manjunath, H.N. Suresh, S. Rajanna

Year of publication: May, 2022

»» 03.

Griffiths' Variable Learning Rate Online Sequential Learning Algorithm for Feed-Forward Neural Networks

Name of the journal: Automatic Control and Computer Sciences, Springer.

Name of the Authors: Y.K. Bharath

Year of publication: May, 2022

»» 04.

Hybrid interconnection schemes for output power enhancement of solar photovoltaic array under partial shading conditions.

Name of the journal: IET Renewable Power Generation, Wiley.

Name of the Authors: Manjunath, H.N. Suresh, S. Rajanna

Year of publication: June, 2022

KREEE DAY-22

A sports day event

KREEDAY 21-22, an awe-inspiring sports extravaganza hosted at Malnad College of Engineering, EEE Branch, showcased a harmonious display of athleticism. From May 13th to May 14th, 2022, participants from diverse backgrounds came together to compete in exhilarating indoor and outdoor sports.



Skillful maneuvers and exceptional teamwork took the spotlight, captivating everyone who watched. Track races, chess, and table tennis added an exciting twist, highlighting the diverse talents of the participants.



The event embodied fierce competition and unwavering sportsmanship, leaving a profound impact on all witnesses. The extraordinary closing ceremony honored outstanding athletes and ignited an unwavering pursuit of excellence.

With the resounding success of KREEDAY 21-22, anticipate future editions to deliver an even more captivating and electrifying sports spectacle.

GRADUATION-22

A Graduation ceremony

Amidst an atmosphere charged with anticipation and triumph, the campus of Malnad College of Engineering bore witness to an unforgettable spectacle—the graduation day ceremony of the Class of 2022, EEE branch. As graduates clasped their hard-earned certificates, their souls echoed with profound gratitude, while the air reverberated with the echoes of their resounding success.

Distinguished resource persons and accomplished alumni graced the occasion, weaving an enchanting tapestry of inspiration through their compelling narratives. Their tales of triumph and resilience ignited an unquenchable flame within the hearts of the students, urging them to transcend boundaries and embrace the boundless possibilities awaiting them.



Amidst thunderous applause, faculty luminaries, including the HODs and the Principal, took center stage, delivering awe-inspiring speeches that resonated deep within the souls of the graduates. They affirmed that education, far beyond the mere acquisition of knowledge, molds character, fortitude, and the unwavering spirit to conquer the uncharted realms of the future.

This momentous ceremony marked the culmination of an extraordinary chapter, etching indelible memories in the hearts of the graduates and promising a future adorned with endless opportunities. The Malnad College of Engineering community stood united, their collective achievements and unyielding bonds shining brightly, as they sent forth the Class of 2022, ablaze with unwavering confidence and the audacity to chase their dreams.
