

EEE TIMES

MISSION OF THE DEPARTMENT

- Create professionally competent graduates by providing resourceful environment through innovations, industrial and societal interactions, consultancy and research.
- Inculcate the spirit of inquiry, entrepreneurial skills, ethical values and team work among graduates.

VISION OF THE DEPARTMENT

To nurture world class Electrical and Electronics Engineers contributing to the society at large with emphasis on sustainable technologies.

ABOUT THE DEPARTMENT

The Department of Electrical and Electronics Engineering was established in 1993, offering a B.Tech program in Electrical & Electronics Engineering with an intake of 60 students. The sanctioned intake for the four year B.Tech course now is 66 students, which include 6 lateral entry students during the third semester

The Department is well-stabilized with a team of vibrant faculty members and state-of-the-art laboratories. Its strength lies in the highly qualified faculty and proficient supporting staff. Furthermore, the department offers excellent research facilities and consistently updates its laboratory equipment with the latest technology. Besides academic excellence, the department encourages and supports the co-curricular activities of students for their overall development. Faculty members provide individual attention and mentoring to ensure the success of each student

>>> GREETINGS FROM HOD



Dear colleagues and students,

I am delighted to announce the release of this edition of the newsletter - EEE TIMES. It is with immense joy that the Department of Electrical & Electronics Engineering presents this edition. The vision of creating a space to highlight the activities and achievements of the EEE community has been realized, and we are proud to see it develop into a platform that truly represents our department.

This edition features academic contributions and extracurricular activities that reflect our members' research interests and artistic talents. We have also included articles from our esteemed alumni, whose valuable experiences provide great insights for our younger members. I would like to take this opportunity to congratulate and thank all the department members for their dedication to completing this newsletter. I look forward to continued creative contributions from every student in future editions.

VAANI WORKSHOP INAUGURATION

The prestigious VAANI program was inaugurated with great honor by Dr. R. Bindu, the Honorable Education Minister. The event was graced by the presence of Uduma MLA Shri. K.H. Kunjambu, LBS Director Dr. Abdul Rahman, LBS College Principal Dr. Mohammed Shekooor, and EEE Department HOD Prof. Jayakumar, along with other distinguished guests. This AICTE-funded initiative highlighted the program's objectives and its significance in advancing educational initiatives. The dignitaries' speeches inspired and motivated the attendees, marking a significant milestone for the EEE department and the broader academic community. AICTE Director Dr. Ramesh Unnikrishnan also visited the VAANI program and addressed the participants, further enriching the event with his valuable insights.



STUDENT ACHIEVEMENTS

The Electrical and Electronics Engineering (EEE) Department of LBS College of Engineering, under the team name "FORGE" proudly secured the first prize in a prestigious competition hosted by IIT Madras, in collaboration with the Wipro Foundation. This remarkable achievement was accomplished by eight-semester students Nived Manoj, Alan Rose Paul, A.R Rathun, and P.M Siddarth, who developed an electric laterite cutter for laterite stone quarries and laterite stone-based industries. Their project, meticulously guided by Dr. RajaSree Raghavan and Professor Jayakumar M. was part of the Ideas to Impact Challenges held on August 9, 2024. The competition recognized the team's innovation with a generous prize amount of ₹100,000, bringing great honor to the department and the college. The team's hard work and dedication truly paid off, showcasing their ingenuity and technical prowess.



കാസർഗോഡ് എൻജിനീയറിംഗ് കോളേജ് വിദ്യാർത്ഥികൾക്ക് ദേശീയാംഗീകാരം

കാസർഗോഡ് എൻജിനീയറിംഗ് കോളേജിന്റെ വിദ്യാർത്ഥികൾക്ക് ദേശീയാംഗീകാരം നേടിയതിന് അഭിനന്ദനങ്ങൾ അർപ്പിക്കുന്നു. ഇവരുടെ പ്രോജക്ട് 'ഇലക്ട്രിക് ലാറ്ററൈറ്റ് കട്ടർ' ആണ്. ഈ പ്രോജക്ട് വഴി വിദ്യാർത്ഥികൾക്ക് തങ്ങളുടെ സാങ്കേതിക കഴിവുകൾ തിരിച്ചറിയപ്പെടാനും മുന്നോട്ടു പോകാനും സാധിക്കും.

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S7 student Ramith R.K has achieved an impressive milestone by being selected for the Kerala Technological University Kabaddi team. Moreover, he has been honored with the captaincy of the KTU University Kabaddi team. Congratulations, Ramith on this outstanding accomplishment!

Showcasing exceptional knowledge and dedication, our students secured the top positions at the district level in the Dr. APJ Abdul Kalam 7th Energy Quiz, organized by the KSEB Engineers Association. This distinguished recognition was achieved by Abhinav K.K. and Ashwin Vijay. Congratulations to both on their remarkable performance!



Our students have shown exceptional skill and teamwork, emerging victorious as KTU Football Zone Champions. Leading the team to triumph with outstanding performance on the field were Gokul Krishna P, Dhanaraj P, Murali Krishnan A, and Prithew. Congratulations to all of them on this fantastic achievement!

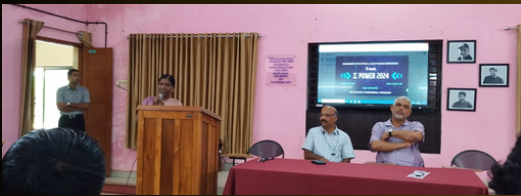
FACULTY ACHIEVEMENTS



We are proud to announce that our esteemed faculty member, Ms. Sheeja V, was awarded her PhD in July 2024. Her exceptional research on "Design and Development of Solar Photovoltaic and Battery-Based Power Supply System for Grid-Integrated Telecom Load" was recognized by the National Institute of Technology Karnataka, Surathkal, Mangalore. This groundbreaking work was carried out within our Department of Electrical and Electronics Engineering. Congratulations, Dr. Sheeja V, on this incredible achievement!

Σ POWER 2024

Sigma Power 2024 was an enlightening introduction to electrical engineering for higher secondary students aspiring to pursue engineering. The program featured sessions on the basics of electrical engineering, an insight into electric vehicles, and specialized classes like "Why Electrical Engineering" by EEE Department HOD Prof. Jayakumar and "How to Select Engineering Branch" by Dr. Azim. In addition, there was a quiz program conducted by Dr. rajasree raghavan and a department visit, all held on June 20, 2024. This comprehensive event provided valuable insights and inspiration for future engineers



ALUMNI MEET 2024

We are delighted to share that we had a wonderful alumni reunion on July 27, 2024, for the 1994-98 and 2000-04 batches. The event was a great success, filled with nostalgic moments, laughter, and heartfelt connections. Alumni enjoyed catching up with old friends, reminiscing about their college days, and sharing their life journeys since graduation. It was a memorable gathering that reinforced the strong bonds within our community.



1994-98



2000-04



In November 2024, the 1998 EEE alumni batch made a significant contribution to our department by donating a 220-volt, 50-ampere fully automatic rectifier unit. This generous donation will greatly enhance the department's resources and provide valuable support to ongoing and future projects. We extend our heartfelt gratitude to our alumni for their continued support and dedication to the growth and success of the department.

INDUSTRIAL VISIT

This year, the S5 Electrical and Electronics Engineering students had the unique opportunity to visit the Kakkayam Substation. The field trip offered a hands-on learning experience, allowing students to witness the practical applications of their classroom studies. They observed the intricate workings of power transmission and distribution, gaining invaluable insights from industry professionals. The visit not only broadened their knowledge but also inspired many to pursue careers in the power sector.



On October 11, 2024, the S7 EEE students had an insightful industrial visit to the Maruti Factory in Delhi, accompanied by our esteemed faculty members, prof. Baby Sindhu and Mr. Subash K. This visit provided a valuable opportunity for the students to observe the manufacturing processes and understand the latest technologies used in the automotive industry. They gained practical knowledge that complemented their theoretical studies, making the trip both educational and enriching.



KSEB ENERGY QUIZ

The KSEB Energy Quiz 2024 was an exciting event for the Electrical and Electronics Engineering department. Students competed enthusiastically, showcasing their knowledge about energy conservation, power systems, and the latest advancements in the energy sector. The quiz not only tested their understanding but also inspired a deeper interest in sustainable energy practices. It was a day filled with learning and camaraderie, highlighting the bright minds of our future engineers.



TALK ON EMBEDDED CHALLENGES



On October 8, 2024, Professor Rensi Sam Mathew from the ECE Department delivered an expert talk for fifth-semester EEE students. The session, titled "Embedded System Trends and Challenges: Hard and Soft Real-Time Systems," provided valuable insights into the latest developments and complexities in embedded systems.

BRIDGE COURSE

Assistant Professor Arun S. Mathew conducted a special bridge course titled "An Insight into Instrument Transformers Beyond the Basics" for S3 EEE students, enhancing their understanding beyond the standard curriculum.



TRAINING PROGRAM ON LATEX



Dr. Pramod from the ECE department recently led a LaTeX class for S7 EEE students, making complex concepts easily understandable. Students appreciated his engaging teaching style and left the session equipped with valuable skills for creating professional documents.

IEEE FUNDED CONFERENCE

We were excited to announce that Rithika, a 7th-semester student in Electrical and Electronics Engineering (EEE), had been selected as a funded participant for the inaugural IES Student and Young Professional Congress 2024. This prestigious event was held from July 25 to 27, 2024, in Hyderabad, India. Congratulations to Rithika on this outstanding achievement!



ALUMNI DONATION



In a remarkable display of solidarity and compassion, the EEE Department Alumni Association of LBS successfully collected a significant amount of Rs 161,500 towards the Wayanad disaster relief efforts. The collected amount was officially handed over to the Kasaragod District Collector, Shri Imba Sekhar I.A.S, by the College Principal Dr. Mohammed Shekooor and Prof. Jayakumar. The handover ceremony, held on 15.10.24, was attended by department staff member smt. Manju V. and Alumni member Smt. Poornima, who currently serves as an Electrical Inspector. This generous contribution highlights the alumni's commitment to supporting their community in times of need and stands as a testament to the values instilled by the institution.

ONAM CELEBRATION



The 2024 Onam celebration at LBS was a vibrant and joyous event. Students, faculty, and staff came together to enjoy traditional activities, beautiful Pookalam designs, and the aroma of Onam Sadhya. Our Department of Electrical and Electronics Engineering secured first prize in both tug of war mens and women ,second position in the pookalam competition and emerged as the overall champions. The day was filled with joy, unity, and the festive spirit of Onam, creating cherished memories for all.

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