



Monthly Newsletter of Electrical and Electronics Engineering Department

N O V E M B E R 2 0 2 5



Dr. R. L. Naik

Head of the Department
Electrical and Electronics Engg.
BEC, Bagalkote

With great pleasure, I present the December edition of E-Wave, the newsletter of the Department of Electrical and Electronics Engineering. The enthusiastic response to our inaugural issue in November has been truly encouraging, and I am delighted to see the momentum continue.

This newsletter is a reflection of our collective commitment — the hard work of our students, the guidance of our faculty, and the constant encouragement from the institution. E-Wave aims to document not just achievements, but also the learning spirit, innovative projects, outreach activities, and the continuous academic progress of the department.

I congratulate the editorial team for their dedication and creative efforts. I also invite all students and faculty members to contribute regularly, share their thoughts, and help us make E-Wave a vibrant platform for communication, collaboration, and growth.

Wishing everyone a productive and inspiring month ahead.

Editorial Message

It is with immense gratitude and enthusiasm that the editorial team brings you the December 2025 edition of E-Wave! Following the successful launch in November, we are thrilled to note the energy and positive reception from all corners of the department. Thank you to everyone who contributed content, shared their successes, and provided invaluable feedback. This second issue is packed with more exciting highlights, including in-depth coverage of student activities - Kalarava - Celebration of Kannada Rajyothsava, Department sports. Insights of AAGAAZ 2K25, Alumni webinar series, and a look ahead at the upcoming academic calendar. We aim to keep E-Wave a lively and informative resource that connects our academic, research, and technical communities.

We are committed to making this newsletter a true reflection of your efforts, and your engagement is critical. Please continue to share your stories, achievements, and innovative ideas. Your input ensures that E-Wave remains relevant and impactful.

Happy Reading, and we wish you a productive end to the semester!

E-WAVE: Launch of the EEE Department Newsletter

The Department of Electrical and Electronics Engineering is proud to launch EWAVE, the department's official newsletter aimed at sharing updates, achievements, and inspiring stories from the EEE community. The inaugural edition was unveiled in the presence of Dr. B. R. Hiremath, Principal, Dr. R. N. Herkal, Director of Technical Institutes, BVV Sangha, Dr. R. L. Naik, HoD EEE, along with faculty members and students.

E-WAVE will serve as a platform to highlight student accomplishments, faculty initiatives, departmental events, and industry insights, fostering engagement and knowledge sharing within the department. The launch marks a new chapter in celebrating the achievements and innovations of the EEE community.

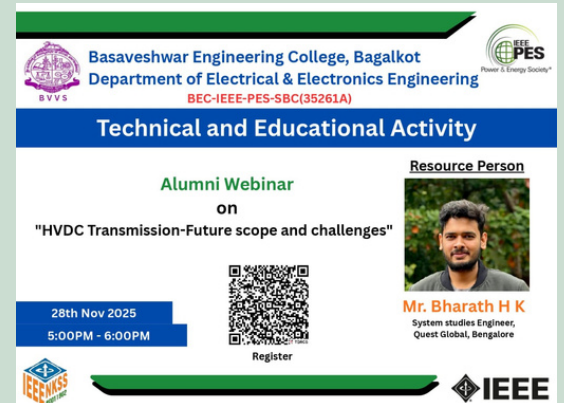


Alumini Webinar Series



The Department of Electrical and Electronics Engineering, in collaboration with the IEEE Power and Energy Society SBC-35261A, organized a webinar on “Latest Trends in Electric Vehicles,” coordinated by four student organizers under the guidance of Dr. Basanagouda Ronad. The session included a formal welcome by Abhishek Nayak, an address by the HOD on the importance of emerging technologies, and an introduction of the resource person, Mr. Jagadish Patil, by Mr. Sumanth Veeragantimath. Mr. Patil delivered an engaging technical talk covering the need for small EVs for last-mile connectivity, hoverboard designs for industrial applications, motor types, battery sizing, energy efficiency, and the economic growth potential of EVs in India. Akshay Kumar compered the event, and Ms. Soundarya Walikar delivered the vote of thanks.

The Department of Electrical and Electronics Engineering, in collaboration with the IEEE Power and Energy Society SBC-35261A, organized an Alumni Webinar on “HVDC Transmission – Future Scope and Challenges” on 28th November 2025 through Google Meet. The session was delivered by alumnus Mr. Bharath H. K, System Studies Engineer at Quest Global, Bangalore. He provided an insightful overview of modern HVDC technology, highlighting its importance in long-distance bulk power transfer, renewable energy integration, and enhancing grid stability. His talk offered students a clear understanding of the growing relevance of HVDC systems in shaping the future of power networks. The event was coordinated by student organizers Ms. Srushti Mathapati, Ms. Ashwini Bidaralli, Mr. Veerabhadragouda Patil, and Mr. Abhishek Hokrani under the guidance of Dr. Basanagouda Ronad, Associate Professor, EEED.

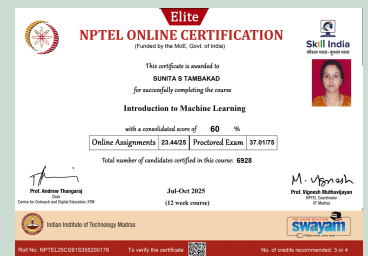


Faculty Achievements



The Department of Electrical and Electronics Engineering is delighted to announce that Dr. R. L. Naik, Head of the Department, has been appointed as a member of the Board of Examinations (BoE) at Visvesvaraya Technological University (VTU), Belagavi.

Prof. Sunita S. Tambakad successfully completed the NPTEL course “Introduction to Machine Learning” (July–October 2025), thereby enhancing her proficiency in modern computational techniques and data-driven analytical methods. Her achievement reflects her dedication to continuous professional growth and quality enhancement in the department.



Prof. Mahantesh Chikkadesai successfully completed Google’s Gemini Academy 2025, a nationally recognized professional development program focusing on Generative AI and advanced digital learning methodologies. This accomplishment demonstrates his continued commitment to academic excellence and the integration of innovative technologies in teaching.

Alumni Spotlight: Inspiring Journeys from Our EEE Department



Mr. Rahul Kulkarni

Senior Solution Architect
Hewlett Packard Enterprise
BEC EEE Batch 1995-1999

Coming from a rural background with very limited exposure to the outside world, stepping into Basaveshwar Engineering College in 1995 was a turning point in my life. At that time, information was not readily accessible — there were no mobile phones, no internet, and whatever we learned came primarily from books and the guidance of our professors. Yet, those four years at BEC laid a foundation stronger than I ever imagined.

The Department of Electrical and Electronics Engineering played a pivotal role in shaping my technical thinking and professional identity. I still remember walking into the classrooms with curiosity/uncertainty and walk out with clarity — thanks to our dedicated professors who never let any doubt go unanswered. Their approachability, depth of knowledge, and commitment to each student created an environment where learning was genuine and meaningful.

Today, as a Senior Solution Architect at Hewlett Packard Enterprise (HPE), specializing in Operating Systems and enterprise-class server performance, I often reflect on how the solid grounding I received at BEC prepared me for a rapidly changing technology landscape. The world has transformed significantly — but the fundamental concepts, problem-solving mindset, and discipline I gained during my engineering days continue to guide me through challenges even now.

One thing I have understood from experience is that success does not depend on fancy classrooms or modern infrastructure alone. What truly matters is the quality of knowledge you receive, the mentorship you get, and the practical exposure you build during your formative years. BEC provided exactly that — a strong academic core, practical learning opportunities, and a culture that encouraged curiosity and self-growth.

What makes me especially proud is how BEC has continued to evolve and stay relevant. From being one of the top institute in the 1990s, it has transformed into a modern center of excellence with advanced laboratories, an excellent library, and faculty who care deeply about each student's overall development. The institution has kept pace with industry trends while preserving the values that make it special.

I firmly believe that BEC offers every student the platform and support needed to discover their true potential. For those walking through its corridors today — make the best use of the opportunities in front of you at BEC. With the right effort and attitude, this institution can shape your career just as profoundly as it did mine.



Mr. Prasenjit Biswas

Project Design Leader – System Engg.
Schneider Electric Pvt. Ltd.
BEC EEE Batch 2004-2008

It fills me with immense pride to share my journey that began at Basaveshwar Engineering College, Bagalkote—an institution that transformed my dreams into reality! From the vibrant campus of BEC to leading cutting-edge system engineering projects at Schneider Electric, my 17+ year journey in Electrical & Electronics Engineering has been extraordinary. Coming from a small town in Tripura, I arrived at BEC with aspirations and curiosity. What I discovered was a powerhouse of learning where theoretical concepts came alive through hands-on laboratory sessions, where dedicated faculty mentors pushed us beyond conventional boundaries, and where every project taught the real essence of engineering excellence. The department's focus on SCADA systems, PLC, industrial automation, and power systems gave me an invaluable edge throughout my career.

Throughout my 17-year career, I've had the privilege of working on critical infrastructure projects that power our nation—from high-voltage transmission systems to clean energy installations, from substation automation to industrial control systems. The beauty of electrical and electronics engineering is that you're literally powering the future! Whether it's ensuring electricity reaches millions of homes, enabling renewable energy for a sustainable planet, or automating industries to boost productivity—our field touches every aspect of modern life. Each success, each milestone traces back to the solid foundation built at BEC. The technical knowledge, professional ethics, problem-solving mindset, and confidence to take on global challenges—all gifts from my alma mater.

The electrical and electronics industry is booming—smart grids, renewable energy, industrial IoT, electric vehicles, automation—the opportunities are limitless! To the EEE faculty: thank you for your unwavering dedication in shaping careers and inspiring excellence. To my fellow alumni: stay connected and help strengthen the BEC legacy. To current students: you're at the threshold of an incredible journey. Trust in your education, believe in your potential, and dream big. The world needs engineers who can solve complex problems, innovate boldly, and lead with integrity—and BEC is equipped to create exactly that! Remember, success isn't about where you start; it's about how passionately you pursue your goals. BEC gives you world-class opportunities—the rest is up to you. The best is yet to come!

"BEC didn't just give me a degree; it gave me wings to soar in the world of engineering excellence!"

Connect: [✉ prasenjit.be@gmail.com](mailto:prasenjit.be@gmail.com) | [☎ +91-9845790735](tel:+91-9845790735) |

Jai BEC! Jai Hind! 

Sports Achievements



Our BEC girls' handball team has achieved remarkable success, securing First Place in the Zonal Tournament and Runner-up in the VTU Inter College Women State Level Handball Championship 2025-26. The state-level tournament was held on 17th and 18th November 2025 at the SIT Sports Ground, Seshadripuram Institute of Technology, Mysuru. The team displayed excellent coordination, skill, and determination throughout the competition.

We are proud to highlight the contributions of our department representatives, Shivaranjani Malipatil (4th year) and Nanditha Hiremath (3rd year), who played a key role in both the zonal and interzonal matches. Their dedication, leadership, and sportsmanship were instrumental in the team's success, inspiring fellow students and bringing pride to our department.



BEC Hosts VTU Zonal Level Basketball Tournament – BEC Crowned Champions Date: 14/11/2025

Basaveshwar Engineering College (BEC), Bagalkot successfully hosted the VTU Zonal Level Basketball Tournament on 14th November 2025, bringing together teams from various institutions for a day of thrilling competition and sportsmanship.



We are proud to announce that the BEC Basketball Team emerged as the Champions, delivering an outstanding performance throughout the tournament. Playing a crucial role in this victory were two talented players from the Department of Electrical and Electronics Engineering (EEE).

Mr. Harish Kuri (4th Year) and Mr. Annadanesh (4th Year). Their skill, dedication, and strong on-court presence greatly contributed to the team's success.

The EEE Department congratulates both players and the entire BEC team for this remarkable achievement and for bringing honor to the institution.

Freshers' AAGAAZ 2025: Welcoming the New Batch with Enthusiasm and Energy

The much-awaited Freshers' AAGAAZ 2025 was celebrated on 15th November 2025, warmly welcoming the new batch of students with enthusiasm and excitement. The event featured fun activities, cultural performances, and interactive sessions, providing a platform for the freshers to showcase their talent and creativity.



We were privileged to have Mr. C. B. Yankanchi, Superintendent Engineer at HESCOM, Bagalkote, as the Chief Guest for the occasion. In his inspiring address, he emphasized the importance of discipline, teamwork, and continuous learning, motivating students to balance academics with extracurricular involvement.



Active Participation in IEEE NKSS Student Congress – SRUJANAM 2025



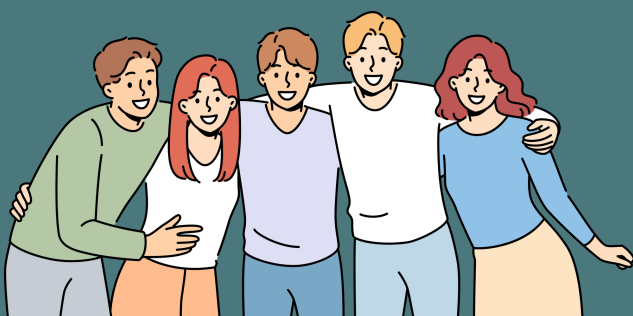
Our department students actively participated in SRUJANAM – Where Innovation Births Technology, a two-day Student Congress and IEEE Day celebration organized by Sharnbasva University Student Branch (STB35739) in collaboration with IEEE North Karnataka Subsection (NKSS) on 9–10 November 2025.

We appreciate the contribution of Prof. Mahantesh Chikkadesai, who served on the Organizing Committee, and Bharatesh B, who volunteered as an NKSS SAC Volunteer during the event.

We are proud to share that Shrikant G. Patil from our department secured 2nd Prize in the Ice-Breaking Session conducted by NKSS SAC volunteers.

Grievance Redressal

Link to visit: <http://119.161.97.228:8080/GrievancyPortal/>



*"Friendship begins
where ragging ends."
— Let's build a safe campus*

Placement Highlights 2025

The Electrical and Electronics Engineering Department recorded a commendable placement season, with students securing roles in prominent core and technology-driven companies. The achievements highlight the department's focus on skill development, practical learning, and industry-oriented training. Each placement stands as a testament to the hard work of our students and the department's commitment to nurturing competent and future-ready engineers.



Ms. Madhu M. Hombalmath
System Engineer, Infosys
CTC: 3.6 LPA

"Believe in your preparation even when results seem far away."



Mr. Bhimappa Shrishail Belagali
System Engineer, Infosys
CTC: 3.6 LPA

"Worked in silence for years. Now the results speak louder than words"



Mr. Shashidhar Pawadiyawar
System Engineer, Infosys
CTC: 3.6 LPA

"Take small steps toward success; they eventually make you a truly successful person."



Ms. Shankamma Noolvi
Engineer, Cognizant
CTC: 4 LPA

"Staying determined and consistent helped me take this strong first step forward."

BEC IEEE Student Branch Prestigious Leadership Positions

The Department of Electrical and Electronics Engineering is delighted to announce that Mr. Bharatesh B. has taken charge as the Chair of the BEC-IEEE Student Branch (STB35261).

This achievement holds great significance, as an EEE student has taken up this leadership role after more than a decade. His consistent dedication, teamwork, and strong commitment to IEEE have paved the way for this proud moment. We congratulate him and wish him success in leading the branch towards greater innovation and impact.

We also congratulate Mr. Shrikant G Patil on being appointed as the Chair of the BEC IEEE PES Student Branch Chapter and Mr. Kiran Timmapur on taking charge as the Chair of the BEC IEEE CASS Student Branch Chapter. These appointments reflect the growing strength and active participation of EEE students in professional societies. The department extends best wishes to all three student leaders and looks forward to the positive initiatives and growth they will bring to the IEEE community at BEC.



"ಕಲರವ" Celebration of Kannada Rajyotsava

The college-level Kannada Rajyotsava celebration “ಕಲರವ”, organised by the BEC Gymkhana, witnessed enthusiastic participation from faculty and students of the Department of Electrical and Electronics Engineering. The event featured a range of competitions and cultural activities aimed at celebrating the heritage, language, and culture of Karnataka. Our department members excelled across multiple events, bringing laurels to the department.



Faculty Achievements

- Prof. Sunita Tambakad secured First Prize in Quiz competition.
- Prof. Mahantesh Chikkadesai and Prof. Basavraju Hadapad jointly won Second Prize in Quiz competition.
- Prof. Santhoshkumar Kandagal bagged Third Prize in Quiz competition.
- Prof. Mahantesh Chikkadesai secured Third Prize in Kannada Essay Writing competition.
- Prof. Sangamesh Goudappanavar participated in the BEC Staff Cricket Tournament, where the team emerged First Prize Winners, adding to the department’s accomplishments.



Sports Felicitation

- As part of the event, students representing the college at VTU zonal and university-level sports were felicitated: Mr. Shashidhar and Mr. Amarnath Patil were honoured for winning the Volleyball Zonal Championship at Kalaburagi.
- Ms. Aishwarya Patil was felicitated for being selected as a VTU Blue in Handball – 2025.
- Mr. Prajwal Shiggavi received recognition for achieving VTU Blue in Hockey – 2025.

Student Achievements

- Ms. Ashwini Lokare won the Second Prize in Drawing.
- Ms. Srushti Mathapati secured the Second Prize in Self-Composed Poem Recitation and also played a major role as Sita in the skit “Chitrapata Ramayana”, which won the First Prize in the cultural segment.
- Ms. Yahodha, Ms. Ashwini, Ms. Srushti, Ms. Bhargavi Angadi, Ms. Aishwarya, and Ms. Shubhangi Chavan actively participated in cultural activities, including the singing of folk songs, adding vibrance to the celebrations.



Institute

Vision

To be an institution of excellence in education, research and innovation for a sustainable future.

Mission

1. Develop professionals globally for future requirements.
2. Nurture a culture of research, innovation and entrepreneurship.
3. Promote collaborations, extension and outreach programs for addressing industrial and societal needs.
4. Imbibe moral and ethical values.
5. Foster ecological and environmental consciousness.

Department

Vision

To be in the global forefront of education, research and innovation in Electrical and Electronics Engineering to meet energy, ecology, industrial and societal needs.

Mission

1. Develop globally competent professionals adapting to technological transformations in the field of Electrical and Electronics Engineering.
2. Promote collaborations with higher learning institutes and industries for research, innovation and entrepreneurship.
3. Imbibe moral & ethical values and render empathetical services to energy, ecology & environmental issues.

Programme Educational Objectives (PEO)

1. The graduates will be able to design the solutions to industrial challenges.
2. The graduates will be able to take up higher studies and research.
3. The graduates will be able to engage in multidisciplinary innovation and entrepreneurship activities.
4. The graduates will be able to adopt emerging technologies to provide solutions to the societal and environmental issues.

Programme Specific Outcomes (PSO)

1. Graduates shall be able to specify, formulate and analyze concepts used in power systems and electrical machines as per requirements of power & energy sector.
2. Graduates shall be able to identify, analyze, design and test technologies used in power electronics, electronic & signal processing circuits and control systems.
3. Graduates shall be able to apply conventional concepts and contemporary tools to design, simulate and analyze electrical and electronic systems for real time applications through hands on learning gained in SCADA, energy systems and power electronics laboratories.

“Take risks in your life. If you win, you can lead; if you lose, you can guide.”

-Swami Vivekananda

Editorial Team

Editorial Advisor

Dr. R. L. Naik

Head of the Department

Editor-in-Chief

Prof. Mahantesh Chikkadesai

Designed by

Mr. Bharatesh B . Mr. Shrikant G. Patil



bec_ieee_pes



BEC IEEE PES



Basaveshwar Engineering College

Department of Electrical and Electronics Engineering

Vidyagiri, Bagalkote, Karnataka 587103