



BASAVESHWAR ENGINEERING COLLEGE, BAGALKOTE

DEPARTMENT OF ELECTRONICS AND COMPUTER ENGINEERING

CURRENT

CODES

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Monthly ECS News Letter



The first news letter of Electronics and Computer Engineering Department, "Current Codes", was released on 07-11-2025 by Dr. R. N. Herkal, DTE, BVV Sangha, Bagalkote, Dr. B. R. Hiremath, Principal, Dr. Mahabaleshwar S. K., Dean R&D, Prof. B. S. Haravi, Development Officer, Shri. Y. S. Narayan, Brand Ambassador and Dr. Chayalakshmi C. L., HoD, Faculty, Staff & Students of ECS Department were present on the occasion.

Electronics and Computer Engineering: Pioneering the Future of Technology:

The Electronics and Computer Engineering (ECE) Department plays a pivotal role in shaping engineers equipped with multidisciplinary skills that bridge the gap between hardware and software technologies. With rapid advancements in artificial intelligence, embedded systems, robotics, VLSI, IoT, and communication networks, ECE engineers are positioned at the forefront of technological innovation that drives modern industries. The department nurtures students with strong theoretical foundations and practical exposure through advanced laboratories, industry-oriented curriculum, and experiential learning platforms. Graduates from this discipline are highly sought after in core computer science, electronics, IT, automation, semiconductor, automotive, and research sectors. By fostering innovation, problem-solving ability, and entrepreneurial mindset, the department significantly contributes to societal development and national technological progress.

Activities of this month



The **Department of Electronics and Computer Engineering** successfully organized an engaging event on 5th November 2025, titled **“Visual Alchemy”** a 3D Collage making competition, aimed at fostering creativity and innovative thinking among students. The event served as a platform for participants to apply thought process under given circumstances and express concepts through 3D collage. The program was inaugurated by Dr. K. Chandrashekar, Controller of Examination, BEC. The event was coordinated by Dr. K. Bhat, Department of Electronics and Computer Engineering

Total of 33 teams registered and 24 teams participated in the competition. The event inspired students to effectively communicate engineering ideas and technological concepts through collage making. Participants demonstrated exceptional creativity and technical understanding, making the competition highly competitive and dynamic. A panel of faculty judges evaluated the entries based on creativity, relevance to the theme, technical presentation, and visual appeal. Overall, Visual Alchemy was a highly enriching experience and contributed to enhancing students' skills in design thinking, presentation, and visual communication. The Department plans to continue organizing such events to encourage innovation and holistic development among engineering students.

Winners of Visual Alchemy

PRIZE	CASH	Name
III	Rs. 1000.00	Vikas Somanath Madagi Abhishek Rattihallimath Avinash Pradeep Jadhav
II	Rs. 2000.00	Santosh Angadi Sudeep Lingareddi
I	Rs. 3000.00	Iranna Tiralapur Keerti H. Sindhu B. B.

Upcoming events

1. One day SDP/Interactive session on “Prototype-Mean Viable Product-Technology Readiness Level” in December
2. State level Robo race competition in February 2026.
3. Faculty Development Program on VLSI in January 2026.

Faculty Participation in FDP

Prof. Lakshmi Ugar, attended a 3 days FDP on "Empowering Research Excellence through Artificial Intelligence" organized by Department of MBA, BEC, Bagalkote, from 27 to 29 November 2025

“Stop Ragging, Start Respecting -
Together we stand for dignity.”



Students' Corner



Following students of Department of Electronics and Computer Engg.: **Mr. Keyur G., Mr. Aniruddha B., Mr. Mahammadnihal, Mr. Pradeep H., Ms. Shravani, Ms. Poorva, Ms. Nandini., Ms. Arpita,** participated in “Code Bharat- Hackathon”, organized by IIT Dharwad. from 19th-20th Nov. 2025. Our students worked on the theme “Gigifying Farming – Reimagining the Future of Agricultural Work.”

Rising to the challenge, the team came up with an automated pest-control system designed to reduce farmers' workload using smart, technology-based solutions. The first 4 hours were spent brainstorming and outlining their idea. This was followed by an intense 16-hour development session that lasted from 10:00 PM to 11:00 AM. At the end of the hackathon, teams presented their prototypes to a panel of judges. The judges evaluated each idea based on innovation, execution, and presentation.

The department congratulates the team for their dedication, creativity, and enthusiastic participation. We look forward to more participations and achievements like this in the future.



Following 3rd Sem students of ECS department attended interview for different posts of BEC- IEEE student branch for the year 2025-26, Miss. Keerthana Kulkarni, Miss. Kavita B., Miss. Pooja A. R., Miss. Rakshit M., Miss. Rajeshwari S., Miss. Sharvani, Miss. ShriGouri, Miss. Sristi. We are happy to mention that Miss. Pooja Rathi cleared the interview and is appointed as Joint Secretary for the academic year 2025-26.



Mr. Prateek Kalagi of 3rd Sem has completed a film making for beginners and script writing course "STORYTHON". The workshop was conducted by renowned director and writer Ankit Kothari, known for his work in Tumbbad and his National Award-winning film Paanchika.



Ms. Ashwini Huddar of 3rd Sem, participated in the VTU Zonal and State Level Handball Tournaments held at Sheshadripuram Institute of Technology, Mysore from 17th to 18th Nov. 2025. Her team bagged 1st Place in the Zonal Tournament, which had around 10 teams. The team also stood 2nd in the State Level Tournament, which had around 8 teams. She is also selected as VTU Blue for the year 2025-26, and will be participating in national level tournament at Chennai.

A Talk on “Building Yourself to Be a Successful Engineer”



The Department of Electronics and Computer Engineering, in association with the Training and Placement Cell, organized an inspiring technical talk on the topic “Building Yourself to be a Successful Engineer”. The event featured two distinguished speakers from Astera Labs, **Mrs. Tanvi Rotti** and **Mrs. Chandana Atreyas**, who provided valuable insights into professional growth and semiconductor industry opportunities.

Mrs. Tanvi Rotti delivered an impactful session on personal branding and career success strategies. She emphasized the importance of developing strong communication skills, maintaining professional discipline, building an impressive portfolio, and continuously upgrading technical knowledge. She highlighted how self-branding, confidence, and networking play a crucial role in shaping a successful engineering career. Dr. Chayalakshmi C. L., Head, department of Electronics and Computer Engg. and Dr. S. G. Kambalimath, Dean, Training and Career Development were present for the inauguration. The event was coordinated by, Dr. Manjula Sutagundar, Department of Electronics and Computer Engg.

Mrs. Chandana Atreyas presented a technical session on “VLSI Design Flow”, explaining the complete cycle of chip design, verification, and implementation. Her talk gave students a deeper understanding of the semiconductor design process and its real-world applications. She also introduced WiSE – Women in Semiconductor Ecosystem, a society dedicated to supporting and empowering women in the semiconductor field. She explained various opportunities provided through WiSE, including mentorship, training programs, internships, and networking platforms that encourage diversity and growth in the industry.

The sessions were highly informative and motivating, providing students with clarity on both professional development and emerging opportunities in the VLSI sector. The event concluded with an interactive question-and-answer session, followed by a vote of thanks.

College

Vision

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

Mission

- Develop globally competent professionals for future talent requirements.
- Nurture a culture of research, Innovation and entrepreneurship.
- Promote collaborations, extension and outreach programs for addressing industrial and societal needs.
- Imbibe moral and ethical values.
- Foster ecological and environmental consciousness.

Department

Vision

To be recognized as a Center of Excellence for Electronics and Computer Engineering education and research, developing competent professionals with moral and ethical values

Mission

- Develop professionals with strong fundamentals, technical skills, committed to life-long learning
- Create an environment for interdisciplinary research by collaborating with industries and institutes of higher learning
- Imbibe high moral and ethical values

Advisor : Dr. Chayalakshmi C. L.

Editors :

- Dr. Manjula A. Sutagundar
- Prof. Laxmi Ugar
- Shri. Ravi Humanabadi

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- Miss. Keertana Kulkarni (3rd Sem)
- Miss. Pooja Rathi (3rd Sem)
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