



BASAVESHWAR ENGINEERING COLLEGE, BAGALKOTE

DEPARTMENT OF ELECTRONICS AND COMPUTER ENGINEERING

CURRENT

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Monthly ECS News Letter



Student Participation and Achievements

1. Students Showcase Innovation at INSIGNIA 2026

Department of Electronics and Computer Engineering is incredibly proud to highlight the diverse and active participation of its students at INSIGNIA 2026, a prestigious national-level technical fest hosted by Shri Dharmasthala Manjunatheshwara (SDM) College of Engineering and Technology, Dharwad, on April 17, 2026. The students showcased their technical skills, creativity and spontaneity across multiple demanding events, representing our institution brilliantly.

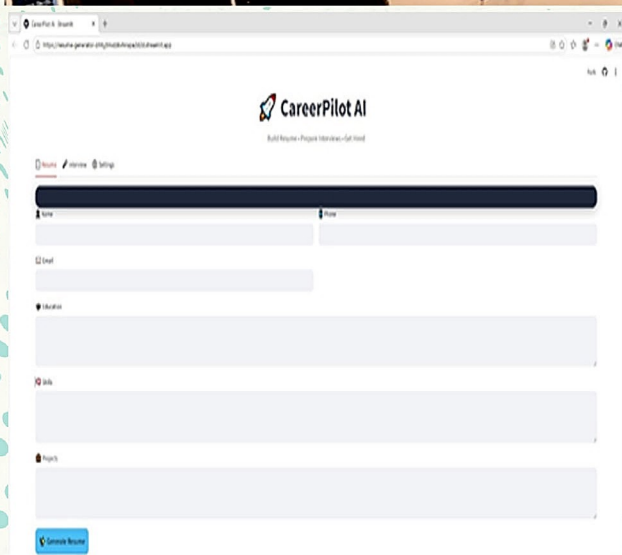
"Wall of Ideas" Poster Presentation:

Hosted by the Department of AIML, SDMCET, Dharwad this event challenged students to present comprehensive technical concepts to a panel of expert judges. Our students brought highly relevant, forward-thinking projects:

Project CiviAI: Mr. Prateek Kalagi and Ms. Suprita Shettar presented an engaging poster titled "CiviAI: Learn Civic Sense with AI." Their presentation focused on leveraging artificial intelligence to educate and promote better civic responsibilities within communities, confidently pitching their interactive concepts to the evaluators.



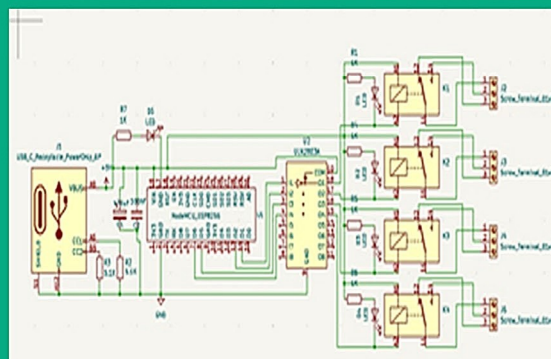
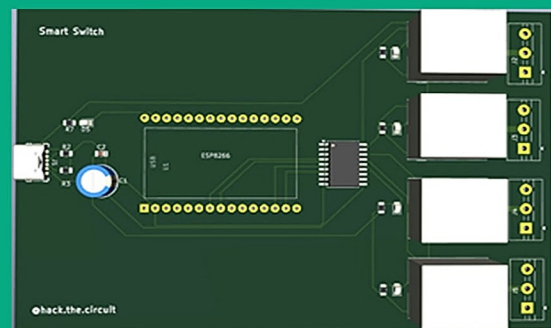
The judges highly appreciated both teams for their innovative concepts, in-depth research, and confident delivery.



Adding to the students' impressive achievements, Mr. Pradeep Hebbare and Mr. Mahammadnihal Mudagal participated in the rigorous Nightout Coding event organized by the Department of Computer Science. Embracing the ultimate test of an all-night programming session, the duo successfully developed an AI-based resume generator named "CareerPilot AI." Operating under the tagline "Build Resume, Prepare Interviews, Get Hired," their functional web application features a clean, intuitive interface. It allows users to easily input their contact details, education, skills, and project experience to instantly generate a professional resume, while also including a dedicated tab for interview preparation. Transforming a complex problem statement into an elegant, working web solution overnight is a fantastic testament to their technical stamina and coding skills!

2. Design of 4-Channel Home Automation System using the NodeMCU ESP8266

Mr. Nihal Utagi designed a 4-Channel Home Automation System using the NodeMCU ESP8266. The project focuses on the design of a Printed Circuit Board (PCB) intended for a 4-channel home automation system using the NodeMCU ESP8266 microcontroller. The PCB layout is structured to support four relay channels, where each relay enables independent control of electrical appliances. A ULN2803 IC is incorporated in the design as a relay driver to ensure efficient and reliable switching. The overall system, when fully assembled with all required components, is designed to connect to a home Wi-Fi network and can be controlled via a web interface or integrated with home automation platforms such as Google Assistant and Apple Siri. It is important to note that this work represents only the PCB design for the system. The complete functionality can be achieved after assembling all components onto the board, including the NodeMCU module, which is not currently mounted. Thus, this PCB serves as the foundational hardware framework for building a fully functional home automation system. The department encourages Mr. Nihal Utagi to further enhance his hardware knowledge and actively participate in technical competitions.



3. Student Participation in NPTEL Courses

Following fourth semester B. E. students from Department of Electronics and Computer Engineering have demonstrated commendable academic initiative by registering for and appearing in the NPTEL online examinations during April 2026. Their willingness to go beyond the regular curriculum and engage in self-paced learning reflects a strong commitment to knowledge enhancement and skill development. By participating in these nationally recognized certification courses, they have not only broadened their technical expertise but also strengthened their academic profiles. The department appreciates their dedication, perseverance, and enthusiasm for continuous learning, and encourages more students to take advantage of such valuable opportunities in future.

Sl. No.	Name
1.	Vaishnavi V. Kivudajadar
2.	Sampada S. Angadi
3.	Shraddha Sannasiddannavar
4.	Arpita Giraganvi
5.	Shravani Sonnad
6.	Keyur Gujarathi
7.	Prateek Kalagi
8.	Saniya Gargi
9.	Srushti H
10.	Suprita Shettar
11.	Ashwini Huddar

4. Student Participation in TECHTRONIX

Department of Electronics and Computer Engineering is excited to recognize the collaborative efforts of Ms. S. M. Shailaja, Ms. Tanuja Udnur and Ms. Rohini Y., of second semester B. E., for their recent participation in "TECHTRONIX 2.0." Held on April 21st and 22nd 2026. This dynamic technical event was organized by the Department of Artificial Intelligence and Machine Learning in association with the Association of Intelligence Minds (AIM) at Basaveshwar Engineering College, Bagalkote.

Forming a dedicated three-member squad Ms. Shailaja, Ms. Tanuja, and Ms. Rohini stepped up to experience a highly competitive environment featuring cutting-edge challenges like "Data Rush," "Prompt Kraft," and "Algobid". Participating in collaborative team events like TECHTRONIX is a fantastic way to build problem-solving skills, enhance teamwork, and gain practical exposure to the latest trends in AI and tech.



5. Student Participation in KSHITIJ, IEEE Technical Fest

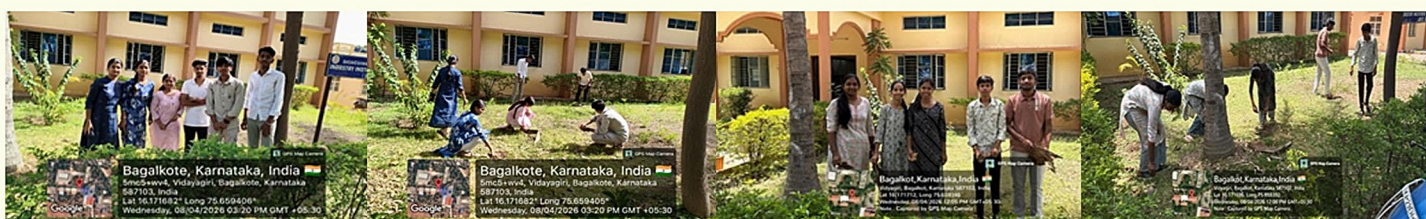
Department of Electronics and Computer Engineering is thrilled to congratulate Ms. Shreya M. Koti, a second semester student, for her outstanding and award-winning performance at KSHITIJ, a two-day technical fest held on March 28th and 31st, 2026. The event was organized by the IEEE Student Branch (STB35261) of Basaveshwar Engineering College, Bagalkote. Ms. Shreya showcased exceptional talent, innovative thinking, and competitive spirit, bringing home not one, but two prestigious awards:

- ❑ Second Place in the "Unblur the Vision" event.
- ❑ Second Place in the "Ideaforge" event

Securing podium finishes in multiple technically demanding events at a recognized IEEE platform is a fantastic testament to Shreya's hard work and dedication.

6. Clean Campus Drive

In our continued commitment to environmental consciousness, an impactful outreach program focusing on a Clean Campus (Plastic-Free) Drive was successfully organized on April 6, 2026. Expertly coordinated by Dr. Manjula A. Sutagundar, this vital initiative was conducted as a part of the Student Induction Programme (SIP). The drive engaged students in taking hands-on, actionable steps towards maintaining a plastic-free environment within our college grounds. Beyond just the physical cleanup, the program aimed to instill a lasting sense of social responsibility and environmental stewardship in our campus community.



Faculty in Focus

- ❑ Dr. Chayalakshmi C.L. attended a Ph.D Comprehensive VIVA Voce of a research candidate as DRC member at BLDEA's P.G. Halakatti College of Engineering and Technology, Vijayapur on 25-04-2026.
- ❑ Dr. K. Bhat was involved in scrutinizing NAIN 2.0 projects and mentoring all the students to present their ideas in front of college level committee on 11-04-2026.
- ❑ Dr. Chayalakshmi C.L was a jury panel member for selection of NAIN 2.0 projects related to Department of ECE and EEE. The selection process was held on 15-04-2026.



New Addition to ECS family

The ECS Department is pleased to formally welcome Smt. Malashri S. Rajanal, who joined our team on 1st April 2026. We wish her a successful tenure and look forward to her contributions to the department's daily operations.

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