



B. V. V. Sangha's

Basaveshwar Engineering College, Bagalkote, Karnataka, India

Department of Electronics and Communication Engineering

ECE Echoes

Issue 5: February 2026

Resonating Ideas, Engineering Futures

Signing of MoU and Exchange

The Department of Electronics and Communication Engineering signed and exchanged Memorandum of Understanding (MoU) with Advanced Electronic Systems and Solutions (ALS), Bengaluru on 20.02.2026.



This MoU is a significant milestone that marks the beginning of a formal partnership aimed at strengthening industry-academia collaboration. Such an event symbolizes mutual commitment toward enhancing student skill development, internships, research collaboration, faculty training, innovation, and placement opportunities.

The MoU was formally signed by Dr. Mahabaleshwar S. K. Head of the Department and Mr. Sunil Shambhatnavar CEO, ALS Bengaluru, in the presence of Dr. R. N. Herkal Director of Technical Institutions, BVV Sangha, Dr. B. R. Hiremath Principal, faculty members, students, and industry official Mr. Chidambar. Dr. Rajani S. Pujar and Dr. Kirankumar B. Balavalad coordinated the event.



Faculty Corner!!!

- Dr. Anand H. Unnibhavi has successfully completed a Two-Month Online FDP on "Automatic Speech Recognition (ASR) for Low-Resource Languages" conducted during December 2025-January 2026, Organized by Max Planck Institute for Psycholinguistics, Netherlands
- Dr. Anand H Unnibhavi has attended a Five days FDP on "Industrial Automation", organized by Department of Mechanical Engineering, Basaveshwar Engineering College, Bagalkote, during 29.02.2026 to 02.02.2026.

- Sri. M. C. Aralimarad has successfully completed a Five days FDP on "Industrial Automation, conducted during the period 29th Jan to 2nd feb 2026, Basaveshwar Engineering College, Bagalkote
- Sri. M. C. Aralimarad attended a State-Level One-Week Faculty Development Programme (FDP) on "Project Based Learning in VLSI using Industry Standard Tools" organized by the Department of Electronics and Computer Engineering from 03.02.2026 to 07.02.2026.

- Dr. K. Nagarathna participated in Five Days Online Faculty Development Programme (FDP) titled, "AI-Driven Distributed Ecosystems: Bridging Cloud, Fog and Edge for Next-Generation Innovation organized by Department of Computer Science and Engineering, SRM University from January 19-23, 2026
- Dr. K. Nagarathna received "Certificate of Excellence in Reviewing" by International Journal of Environmental and Climate Change.

Dr. Kirankumar B. Balavalad attended a State-Level One-Week Faculty Development Programme (FDP) on "Project Based Learning in VLSI using Industry Standard Tools" organized by the Department of Electronics and Computer Engineering from 03.02.2026 to 07.02.2026.

Dr. Poornima M. Chanal participated in 5th ISTE Convention for Polytechnics as a judge for paper Presentation Competition organized by BVVS Polytechnic Bagalkote on 24.02.2026

Faculty Corner!!!

Dr. Mahabaleshwar S. K. attended the VTU Pre PhD Comprehensive Viva-Voce at BLDEACET, Bijapur on 06.02.2026

Dr. S. G. Kambalimath and Dr. Santosh Kumbalavati have attended the Placement Officers Meeting at Infosys, Hubballi on 03.02.2026

Dr. A. V. Sutagundar attended a Workshop on Examination at KEA, Bangalore from 11.02.2026 to 13.02.2026

Dr. Vijayalakshmi S. Jigajinni, Dr. Mamata J. Sataraddi, Dr. Shobha R. Bharamagoudar, and Dr. Rajani S. Pujar attended a five-day Faculty Development Programme (FDP) on “Smart Irrigation Systems: Design, Automation, Integration and Sustainable Practices in Agriculture” organized by the Department of Electrical and Electronics Engineering from 09.02.2026 to 13.02.2026.

Dr. Sharanappa P. H. and Dr. B. M. Angadi attended a one-week Faculty Development Programme (FDP) on “Empowering Educators through Cutting Edge Technologies in Software Development” organized by the Department of Information Science and Engineering from 10.02.2026 to 14.02.2026.

Sri. B. Veeresh, Dr. A. H. Unnibhavi, Dr. Santosh Kumbalavati, Dr. A. C. Katageri, and Dr. K. Y. Bendigeri attended a state level One-Week Faculty Development Programme (FDP) organized by the Department of Mechanical Engineering from 29.01.2026 to 02.02.2026.



Dr. Sharanappa P. H. et. al., published a research paper titled "Precision Cotton Disease Detection via Transformer Models Applied to Leaf Imagery" in the Journal "Frontiers in Artificial Intelligence" (Scimago ranking Q2, Impact factor 4.7), February 2026.

Dr. K. Y. Bendigeri, Dr. K. B. Balavalad, Dr. S. B. Kumbalavati, Dr. Jayashree Mallapur published a book chapter titled "AI Based Aerial Image Classification" in Lecture Notes in Networks and Systems, Vol. 1760, Springer, February 2026.

STUDENTS SPOTLIGHT

Department of Electronics and Communication Engineering



**First
Prize**

Mr. Abhishek V. Guggari, Mr. Adarsh M. Bankapur, and Mr. Kartik Veeranagoudar, Mr. Kedarnath Wali from ECE department secured First Prize in the Project Contest conducted by BEC Bagalkote, on 21.02.2026 for their project titled "Medicine Vending Machine". Their creativity, technical expertise, and impressive presentation skills earned them the top honor in the competition.

Ms. Jyoti Shivayogi, Ms. Bhavana Alavandi, Ms. Anjali Hegaraddi, and Ms. Deepa M. Dambal from ECE department secured Second Prize in the Project Contest conducted by BEC Bagalkote on 21.02.2026 for their project titled "Greenhouse Monitoring System". The team presented an innovative solution designed to monitor key environmental parameters to enhance agricultural productivity.



**Second
Prize**

FINAL YEAR STUDENTS CAMPUS PLACEMENT STATISTICS TILL DATE

Company Name	No. of Students Placed
Infosys	25
Cognizant	06
JSW	07
KarMic	02
Vayavya Labs	01
TCS	12
Total	53



INDUSTRY SUPPORTED LAB

The Department of Electronics and Communication Engineering organized a one day workshop for faculty on “Experimental Techniques in Microwave, Antennas and Optical Fiber Systems” on 20.02.2026. Mr. Sunil Shambhatnavar CEO, ALS Bengaluru, Dr. R. N. Herkal Director of Technical Institutions, BVV Sangha, Dr. B. R. Hiremath Principal and Dr. Mahabaleshwar S. K. Head of the Department, inaugurated the workshop. Dr. Rajani S. Pujar and Dr. Kirankumar B. Balavalad were the workshop coordinators. The dignitaries also inaugurated ALS supported Electronic Systems Design and Prototyping (ESDP) Lab and the Modernized Advanced Communication Engineering Laboratory.

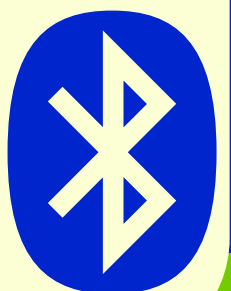


Bluetooth: The King Behind the Connection

Did you know that Bluetooth technology is named after a 10th-century Danish king, Harald Bluetooth? King Harald “Bluetooth” Gormsson was famous for uniting Denmark and Norway. Similarly, Bluetooth technology was designed to “unite” different electronic devices by allowing them to communicate wirelessly.

Bluetooth was developed in the 1990s by engineers at Ericsson as a short-range wireless communication technology. The name “Bluetooth” was initially a temporary code name, but it remained because it perfectly symbolized the idea of connection and unity. The Bluetooth logo itself combines two ancient Nordic runes representing the letters H and B- the initials of Harald Bluetooth.

**DID
YOU
KNOW?**



PEDAGODY WORKSHOP

The Department of E&CE and Mechanical Engineering, in association with IQAC, jointly organized 3 Days Faculty Pedagogy Training Program on “Effective Teaching Practices” during 26.02.2026 to 28.02.2026. This workshop was designed specially for newly joined faculty members. Dr. R. N. Herkal Director of Technical Institutions, BVV Sangha, Dr. B. R Hiremath Principal and Dr. Mahabaleshwar S. K. Head of the Department along with other dignitaries inaugurated the workshop. Dr. Vijayalakshmi S. Jigajinni and Dr. S. M. Jigajinni were the coordinators of the workshop.

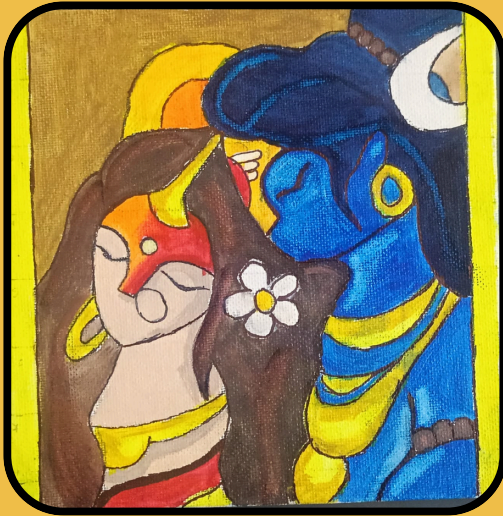


INDUSTRIAL VISIT

The IV semester 95 ECE students visited E.I.D. Parry (India) Limited (Sugars Division) as part of an industrial exposure program on 28.02.2026. The visit provided insights into sugar manufacturing processes, automation systems, instrumentation, and process control mechanisms used in large-scale industries. Students observed the role of sensors, PLCs, and electrical control panels in monitoring and optimizing production. The visit enhanced their understanding of real-time industrial applications relevant to Electronics and Communication Engineering.



Creative Canvas



Ms. Anjali Hegaraddi, VI Sem



Ms. Anjali Hegaraddi, VI Sem



Ms. Jyoti Shivayogi, VI Sem



Ms. Jyoti Shivayogi, VI Sem



Ms. Apoorva Kulkarni , VI sem

EXPERT SPEAKS

Department of Electronics & Communication Engineering and BEC-IEEE Student Branch in association with the Institution's Innovation Council (IIC 8.0) organized an expert talk on "Career through Cyber Security" on 21.02.2026.

Mrs. Pooja V., Senior Cyber-Security Analyst at Akamai Technologies, Bengaluru delivered the talk. She shared valuable insights into career opportunities in cyber-security, required technical skills, industry expectations and emerging trends in the field. The talk was highly informative and motivated students to explore career prospects in the rapidly growing domain of cyber security. Dr. Vijayalakshmi S. Jigajinni coordinated the event.



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 achieve excellence in electronics and communication engineering through quality education and research for developing competent professionals.

MISSION

- Foster a dynamic teaching and learning process.
- Encourage research through innovation and collaboration.
- Imbibe moral, ethical values and social responsibilities.

EDITORIAL BOARD

Ms. Apoorva Kulkarni
Student Coordinator

Dr. Sharanappa P. H. Dr. B. M. Angadi
Faculty Coordinators

Dr. Mahabaleshwar S. K.
Head of the Department



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