



ECE Bi-Annual News Letter

April 24 – Sept 24

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

[NBA Accredited]

The Department of Electronics and Communication Engineering was established in the year 2008 and has been in the forefront of imparting quality education to the students. The department has a strong undergraduate program with an intake of 120 students. At present, 10 faculty members are pursuing PhD degree. UG students are encouraged to undertake various mini-projects in the lab. The students undergo soft skill programs to meet the needs of employability. The unwavering commitment towards students along with a pool of experienced and dedicated teaching faculty makes the department distinguished.



DEPARTMENT VISION

To be the Department of Electronics and Communication Engineering striving hard to develop responsive teaching-learning methodology, research and employable skills in allied fields by empowering students to become globally competent and socially responsible citizens.



DEPARTMENT MISSION

M1: To develop an active learning environment that ensures participation of students in both curricular as well as co-curricular activities.

M2: To foster research, innovation and creativity amongst students.

M3: To encourage development of entrepreneurial skills.

M4: To inculcate, amongst students, team-spirit, leadership qualities, positive attitude and effective communication skills to cater societal needs.

PEOs

PEO1: Be Successful in their professional career, higher studies and research by providing contextually relevant academic environment.

PEO2: Be committed citizens with social and professional concern.

PEO3: Demonstrate leadership qualities and managerial skills in heterogeneous team globally.

PEO4: Be independent lifelong learners to keep the pace of technological change and industry expectations.



S. G. Balekundri Institute of Technology

Shivabasav Nagar, Belagavi - 590010 www.sgbit.edu.in



(NBA Accredited & ISO Certified)

5 Days STTP on



An awareness program on the NRI Forum Karnataka was organized for 8th semester students on 22nd April 2024 by WAVECE. The session was conducted by Dr. Jayashri Rudagi, who delivered an insightful talk on the objectives and initiatives of the NRI Forum. The session helped students gain awareness about global networking, career prospects, and opportunities for higher education and professional growth abroad.



Webinar on

A webinar on "Job Opportunities in the VLSI/Semiconductor Industry" was organized by WAVECE on 28th May 2024. The session featured an industry expert from Tanisha VLSI, Bengaluru, who shared valuable insights into the latest trends, essential skill sets, and diverse career paths in the VLSI domain. The webinar was telecast live in the ECE Seminar Hall, providing students with an opportunity to interact and gain a deeper understanding of the growing opportunities in the semiconductor industry. This event was coordinated by Dr. Jayashri Rudagi. Dr. Shankargoud Patil delivered HOD remarks

➤ Moore's law is the observation that the number of transistors in a dense integrated circuit doubles about every two years. The observation is named after **Gordon Moore**, the co-founder of Fairchild semiconductors.

Moore's Law — The number of transistors on integrated circuit chips (1971-2016)

Moore's law is the observation that the number of transistors on integrated circuit chips doubles about every two years. The observation is named after Gordon Moore, the co-founder of Fairchild semiconductors.

1970 10nm

10nm - 3nm

2nm (3nm)



A Farewell Function for the Final Year Students of the ECE Department was held on 6th June 2024. A formal program was organized to bid farewell to the outgoing batch, featuring speeches, heartfelt memories, and expressions of gratitude. Following the ceremony, a lunch was arranged for the students.



Students of 4th & 6th sem had an Industry Visit to Kaynes Technology India Ltd, Mysore on 20th and 21st June 2024. Students got to know about PCB manufacturing, process of assembling various components on PCB & end applications like boat tracking systems, WiFi router, electric charging systems etc. The industry visit was coordinated by Prof. Girish Katakoti



Mr. Niels Quanz, Team Lead Software Development and Mr. Marco Muglich, Software Developer from b+m surface systems, **Germany** visited our campus on 10-07-2024 and had discussions on extending our ties through guest lectures, workshops and MoU. Both delegates addressed the students on the same occasion. Also Job oportuities in Germany and kind of preparation required to Join their company ; they discussed The students of ECE & CSE benefited from the even. This event was organized by Prof. Kiran Nandi



KAUSHALYA, Mini Project Exhibition - 2024 of Department of Electronics and Communication Engineering was held on 20/07/2024 for the 6th sem students. The total 17 numbers of working models were exhibited by the students. Mr. Anandraj, Senior lead Engineer and Mr. T. Athancius, Senior Engineer, Vayavya Labs Pvt. Ltd. Belagavi, were the Chief Guest cum Judge for the exhibition. President Dr. Allamprabhu Mahaswamiji, Dr. F V Manvi, Chairman, GC, SGBIT, Dr. B. R. Patagundi, Head of the Department Dr. Shankargoud Patil and Staff members were present on the occasion and enriched the dignity of the exhibition.



Orientation Program to First Year ECE Students

An Orientation Program for First Year Electronics & Communication Engineering (ECE) Students was organized at the department on 21st September 2024. During the session, students were introduced to the labs of the ECE department, the activities conducted by the department, job opportunities for ECE graduates, and the exam patterns. Dr. Shankargoud Patil, HOD of the department, warmly welcomed the students and briefed them about the department's offerings.



Parents meet

A Parents meet was organized for 4th & 6th sem on 05-07-2024. Parents were informed about CIE, Industry Visit & Mini Project done for the students



Induction program for 3rd Sem students

An Induction program for 3rd sem students was organised by the dept. on 12-09-2024. Dr. Shankargoud Patil, Dr. Suresh Akkole, Dr. Sidramayya Matad, Dr. Veena Puranikmath addressed the students about academics, examination system, activities which would be carried out for the academic year etc

KAUSHALYA, Mini Project Exhibition - 2024



Live Telecast of Inauguration of Semicon India

A live telecast of the inauguration of the Semicon India 2024 Conference was organized at the ECE Department on 11th September 2024. Students and faculty attended the session to witness the launch of this prestigious national event, gaining insights into recent developments, emerging trends, career prospects, and opportunities in the semiconductor industry



FDP on "Universal Human Values"

The Department of Electronics and Communication Engineering and the Department of Civil Engineering jointly organized a 3-Day Introductory Faculty Development Program (FDP) on "Universal Human Values" from 1st August to 3rd August 2024. The program, sponsored by AICTE, aimed to create awareness among faculty members about the importance of ethics, human values, and holistic education in technical teaching and learning.



Achievement of Department

The ECE department was earlier accredited for 3 years. Now, it has been re-accredited once again for the academic years 2024-25, 2025-26, and 2026-27. The re-accreditation ensures that our programs meet national standards and enhance the employability of our graduates. It is a proud moment for the faculty, students, and all stakeholders involved in the department's growth.

SSET's S G Balekundri Institute of Technology Belagavi (Belgaum)	Electronics & Communication Engg.	Under Graduate	ACCREDITED	Academic Year 2021-22, 2022-23 and 2023-24, i.e. upto 30-06-2024; Further Accredited for 2024-25, 2025-26 and 2026-27, i.e. upto 30/06/2027
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Faculty Achievements

PhD: Dr. Veena Puranikmath of the Electronics and Communication Engineering Department has been awarded the degree of Doctor of Philosophy (Ph.D.) in July 2024.

Student Achievements

A final year student project from the ECE Department was selected for sponsorship by KSCST under the Student Project Programme 2024.

Congratulates the KSCST Sponsered Project Team for AY 23-24

PROJECT REFERENCE NO.	PROJECT TITLE	NAME OF GUIDE	NAME OF THE STUDENT(S)	SANCTIONED AMOUNT (IN RS.)
47S_BE_0962	CAMPUSSYNC: IOT-POWERED COLLEGE AUTOMATION	PROF. SANMATI BEDAKIHALE	MR. AFNAN M. J. MR. ABHISHEK R. P. MR. ZAYED S. N. MR. YOGESH J.	5,500/-

Placement



Adarsh Mayannavar
b+m surface systems,
Belagavi



Mahesh More
Karmic Design Private Ltd

Academic Excellence

Sem	Rank	Name	%	Topper
III	1	Srushti Bailurkar	90.10 %	 Srushti Bailurkar (90.10%)
	2	Daneshwari Shirahatti	88.67	
	3	Sahil Patil	88.44 %	
V	1	Ms. Poornima Hanabar	86.13%	 Ms. Poornima Hanabar 86.13%
	2	Tanavi T Naik	83.50	
	3	Vaishnavi Marathe	81.75	
VII	1	Ms. Soumya Halalli	89.5%	 Ms. Soumya Halalli 89.5%
	2	Sumeet R Murgod	86.88	
	3	Ashwini K K	83.38	

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