Photon

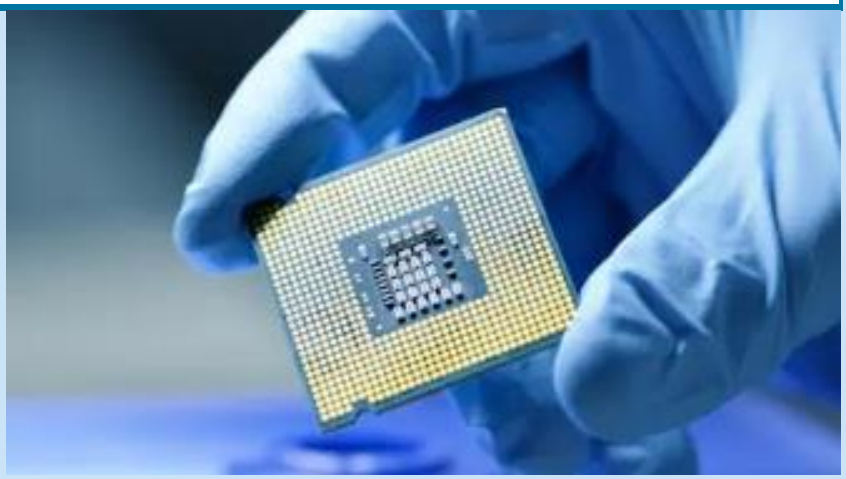
Pursuit of Innovation.

SGBIT

ECE Bi-Annual News Letter July-Dec 2019

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

The department of Electronics and Communication Engineering started 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, 9 faculty members are pursuing PhD program .UG students are encouraged to undertake various mini-projects in the lab. The students are given 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 solve societal needs.

PEO's

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

PEO2: Be committed citizen 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.

MOU BETWEEN S.G.B.I.T AND GOVT. I.T.I. FOR WOMEN BELAGAVI

S. G. Balekundri Institute of Technology, Belagavi signed an MoU with Government I. T. I. for Women, Belagavi on 5th September 2019. On the same occasion WAVECE Association Day was organized. The function was inaugurated by Shri. Chidanand Bake, Principal, Govt. I.T.I. for women Belagavi. At the same time 3rd sem students were welcomed to the department. The Principal, Dr. S. V. Itti, in his presidential remarks, suggested students to make the best use of MoU. Dr. Ravi M. Yadahalli, HOD, welcomed the gathering. Prof. Narayan A. Badiger, Staff coordinator for the association, briefed about the planned activities

SEMINAR ON AUTOMOTIVE ELECTRONICS

One day seminar on " Automotive Electronics" was organized on 27th September 2019. Prof. Venkatesh Mane of ECE Department, KLE tech University Hubli was the resource person.

Topics covered: Latest technologies in automotive electronics. Electronic engine management, electronics in safety systems, Communication protocols, AUTOSAR standard. Also Job opportunities and research scope in the domain of Automotive electronics was discussed. The 5th semester students of ECE, EEE and ME students attended the seminar. The seminar was coordinated by Dr. Jayashri Rudagi.

MINI PROJECT EXIHIBITION

Mini Project Exhibition and competition was organized on 3rd November 2019. Chief Guest Mr. G. Babu, software Developer and Systems Analyst, National Institute of Hydrology belagavi inaugurated the event. On the same occasion Parents and Alumina meet was arranged.

Also Parents discussed the progress of their son/daughter with concerned faculty mentor. The Alumni present during occasion shared their industrial experience. All the faculty members and students of the other department visited the event. Event was organized by Prof. Vijay Patil .

AWARENESS ON PLASTICS

Awareness on Plastics was conducted on 21/10/2019, for students of ECE. On this occasion Dr. Ravi M. Yadahalli. HOD. Dept of ECE urged students to avoid carrying Water bottles and other plastic products to college. NSS Team members Akshata H. and Annapurna addressed 3rd Sem students, about types of plastics materials and how these can be replaced. Aishwarya C and Manisha addressed 7th Seme students. Megha E and Mukta M addressed 5th Semr students and discussed the effects of plastic on Aquatic life. The programme was organized by Prof. Vinayak Honnungar Dept. NSS coordinator.

INAUGURATION OF IETE STUDENT FORUM

The IETE student forum was inaugurated on 22nd October 2019 was by the chief guest Dr. S. S. Kerur, immediate past chairman, IETE local centre Dharwad

In his address, the chief guest suggested to avail the benefits of professional body. The chief guest distributed certificates to 108 IETE student members.
Dr. B. R. Patagundi in -charge principal in his presided the function
Dr.Ravi.M.Yadhalli HOD welcomed the gathering and also introduced the chief guest to the audience . Prof. Mahadevappa M. read out the benefits of IETE organisation. . Prof. Shilpa Bairanatti proposed the vote of thanks. The event was organised by Prof. Arati B. S, IETE coordinator.

WORKSHOP ON ARDUINO AND ROBOTICS

Under the "Learn while Earn scheme" the 3 days workshop on Aurdino & Robotics was organized from 23/10/19 to 25/10/19 for 3rd & 5th sem students.

Harshit Reddy, vaibhav H, mahadev K & Kisan K of VII sem were the recourse persons for this hands on workshop. The topics covered: Software Installation. Introduction to Arduino Interfacing, Various Applications, Assigning task to the groups Evaluation and Debugging. The event was coordinated by the Prof. Shilpa B

INDUSTRIAL VISIT FOR 3RD SEM

The students of V semester (A & B Div) Visited SVT industry Belagavi on 29th November 2019. SVT is most trusted name in the business of manufacturing Transformers. The students were accompanied by Prof. Jagadish Jakati and Prof. Veena P.

FACULTYS' ACHIEVEMENTS

- Dr. Jayashree M. Rudagi published paper titled " A case study on assessment & attainment of course outcome, program outcome & program specific outcome for the Tier- II institutes ", in the IOSR Journal of Research & Method in education, vol.9, issue-4, ISSN no : 2320-1959, Jul-Aug 2019.
- Prof. Sunil H, published paper titled " Performance Analysis of Iris Recognition using Hybrid feature Extraction Technique ", in International Journal of Recent Technology & Engineering , vol.8, no.3, pp. 1-10, Aug 2019.
- Prof. Narayan Badiger was invited to deliver the guest lecture on Real time operating system on 11-09-2019 at SGCOE Mahagaon
- Prof. Jagadish Jakati, Prof. Kiran Nandi, Mahhadevappa, Prof. Anand Reddy attended one day workshop on "esim" on 21st October 2019 organized by JCE Belagavi
- Prof. Sunil H, Prof. Veena, & Prof Vidyashree K completed the 8 weeks NPTEL course on " Accreditation &outcome based learning "
- Prof. Sunil H successfully defended the Vice-voce to complete the Ph.D on 22nd November 2019
- Prof. Shankargoud Patil attended one day workshop on "esim & Internet of Things" on 21st September 2019 organized by JCE Belagavi
- Dr. Jayashree M. Rudagi attended 3 days workshop on "NBA process" from 22nd to 24th November 2019 organized by National Institute of Teachers Training Institute Chennai

STUDENTS' ACHIEVEMENTS

- Ms. Soumya Sondur of VII sem secured first prize & Ms. Rashmi Madar of VII sem secured second prize in Vachan Gayan competation held by SSET trust on the occasion of Celebration of Birth anniversary of Shvabasav swamiji on 7-12-2019
- Omkar Shreyekar of V sem participated in the VTU fest Guitar and Violin competition held at SDM Dharawad on 7,8,& 9 of November 2019
- **Details of the NPTEL courses by completed students**

Student Name	NPTEL Course Name
Priyanka Shetty	Introduction to Internet of Things
Revati K	Introduction to Internet of Things
Disha Patankar	Cloud Computing
Rahul Marikatti	Introduction to Internet of Things, Electric vehicles, Cloud Computing
Pratiksha B	Electric vehicles, Digital Circuits
Pragati Kulkarni	Cloud computing
Pragati Nayak	Cloud computing
Poornima Patil	Introduction to Internet of Things

Toppers of Even Semester [Feb – July 19]

Sem / Rank	1st Rank	2nd Rank	3rd Rank
IV Sem	Ms. Vidyashri H [83.29 %]	Ms. Shilpa P [81.06 %]	Ms. Chetana M [80%]
VI Sem	Ms. Ranjita M. [82.63 %]	Mr. Kisan C K [81.38 %]	Ms. Pooja Gane [81.13 %]
VIII Sem	**Ms. Aparna H [89 %]**	Neelakka Shirol [88 %]	Vasumati Prabhu [86.5%]

News letter Editorial Committee :

Advisory Committee :

Dr. Jayashree M. Rudagi
[HOD & NBA Coordinator]

Editor :
Prof. Sujay Gejji

Honorary Editorial Members :

Prof. Veeresh M. Hiremath
Prof. Shankar P.
Prof. Vinayak H
Prof. Sidramayya M.

Student Members :

Mr. Mallikarjun Umadi
Ms. Priyanka Shetty