



**SECAB INSTITUTE OF ENGINEERING AND TECHNOLOGY**  
**Department of Electronics and Communication Engineering**

# Impulse

**ECE**

Newsletter

**Issue 1**



**SECAB**

INSTITUTE OF ENGINEERING & TECHNOLOGY



## **EDITORIAL BOARD**

**Prof. Tabasum G**

Assistant Professor

**Prof. M R Chikkond**

Assistant Professor

**Prof. Yasmeen S**

Assistant Professor

Department of Electronics and Communication Engineering strives for increasing the knowledge, enhancing the critical thinking, ability to change information into knowledge and power of analyzing the things technically of each and every individual of ever changing society through students. We always intend to impart knowledge through a closed knit family of highly competent faculty. Our Laboratories have been very well established not only to cover complete syllabus but to motivate students to learn beyond the syllabus which definitely develops complete knowledge of the subject (both the practical and theoretical depth of knowledge) and develop skill sets of students to become promising engineers in future.

The department organizes Seminars, workshops/colloquia, guest lectures on recent trends & Technology. The department also organizes industrial visits for students periodically to provide an opportunity for the students to interact with working professionals from industry. We send students for internship programs which provides an opportunity to the students to have feel of real onsite situations in the industries and how to handle them. It is firmly believed that the prestigious position of this department will be maintained and upheld by our students along with whole hearted and sincere efforts of all the members of this department.

## **VISION**

To be recognized by the society at large to transfigure Bijapur as the centre of Excellence by creating competent technocrats in the field of Electronics and Communication Engineering.

## **MISSION**

- To conduct Hands on training programs / workshop on recent trends and technology.
- To Impart soft skills and promote professional practices to enhance placement and entrepreneurship.
- To interact with professional bodies and corporate in the field of Electronics and Communication Engineering.
- To provide reliable environment to enable the students to face the challenges in engineering field.

## **Program Specific Outcomes (PSO's)**

1. To Specify, Design, Build and Test analog, digital and embedded system for signal processing.
2. To Understand and architect wired and wireless analog and digital communication systems as per specifications, and determine their performance.



---

## Message from HOD

It gives me great pleasure to congratulate students, teachers and staff of Electronics and Communication Engineering department for the publication of newsletter. Newsletter is believed to be a focus of the inside activities i.e. academics, students and faculty achievement as well as innovation occurring in the department. In the era of engineering and technology this newsletter will motivate the teachers and students to share their creativity and new ideas with the world and will help in their overall development. As the demand of energy is rising day by day and hence the production has to increase now the time has come for all electrical engineers to come forward, and join their hands for the saving of electricity, using the renewable energy resources such as solar, biomass, wind for the fulfillment of demand of energy with this slogan "SAVE ENERGY, SAVE WORLD". I wish best of luck for all the team members for publication of newsletter.

- Dr. Noorullah Shariff





## National winter training program on ARDUINO Development

The Department of ECE Department, S.I.E.T, Vijayapura organized a NWTP on 'Arduino Development' from 25th Jan 2016 to 4th Feb 2016 in association with IIT ROORKEE, with participation of 35 members. The event started with Quran recitation and Bhagwad Geeta recitation followed by welcome address. It was well received.

## Publications

1. "Design and Implementation of Floating Point ALU with Parity Generator Using Verilog HDL" in IOSR Journal of VLSI and Signal Processing, Volume 5, Issue 5, Ver. I (Sep - Oct. 2015), PP 00-00 e-ISSN: 2319 – 4200, p-ISSN No. : 2319 – 4197
2. Mohammad Ziaullah, Prakash Shetty, Shoaib Kamal, "Image Feature Based Authentication and Digital Signature for Wireless Data Transmission" in 2016 International Conference on Computer Communication and Informatics (IEEE-ICCCI -2016) Proceedings , Jan. 07 – 09, 2016, Coimbatore, INDIA. Conference





## Colloquium

The Department of ECE Department, S.I.E.T, Vijayapura organized a Guest Lecture on "Optical Communication and Network Micro Opto Electromechanical System" on 27th February 2016 at seminar hall. The guest speaker was **Dr.SrinivasTalabattula**, who is presently working with Indian Institute of Science as Associate Professor - Electrical Communication Engineering, Bangalore . In his talk he emphasized the importance of Electronics and Communication and research for the developments of engineering applications with specific examples in the case of optical communication.



## Women's Day

The Department of ECE Department, S.I.E.T, Vijayapura organized Women's day Celebration on 8th March 2016 at seventh sem class room with an audience of 40 members (including staff and students). The event started with the Quran recitation and the Bhagwad Geeta recitation followed by welcome address. The chief guests spoke in the session, expressing their views on women empowerment. All the semester girls had organized fun games.





## Freshers' Party

The ECE Students Association "Avishkar" of the ECE Department S.I.E.T, Vijayapura hosted a 'Welcome Party' to the freshers. The celebrations were arranged for the students at the seminar hall. Heads of the departments addressed the function and also launched the course book.

The newcomers were made to interact with the seniors through various interactive activities while the highlight of the day was the Mr. and Miss. Freshers' contest. The winners of the Mr. and Miss Freshers' contest are Mr. Kalim Kazi and Miss Sushma Awati.



## Teachers' Day

Teachers have always been held to be a much venerated class of people. They have been respected over the world but more so in the Indian tradition and culture. Teacher's Day is that momentous event where students engage in unbridled capacity to shower their love, adoration and respect on their teachers, the harbingers of knowledge light, in their lives. The ECE Department students have organized Teachers' Day on 5th September 2015. The function was inaugurated with a welcome speech. All the faculty members addressed the gathering. Small gifts as a token of love were given to all faculty members. The program was concluded with cake cutting ceremony. It was indeed a great remembrance and token of love and respect they portrayed and projected to their GURU's.