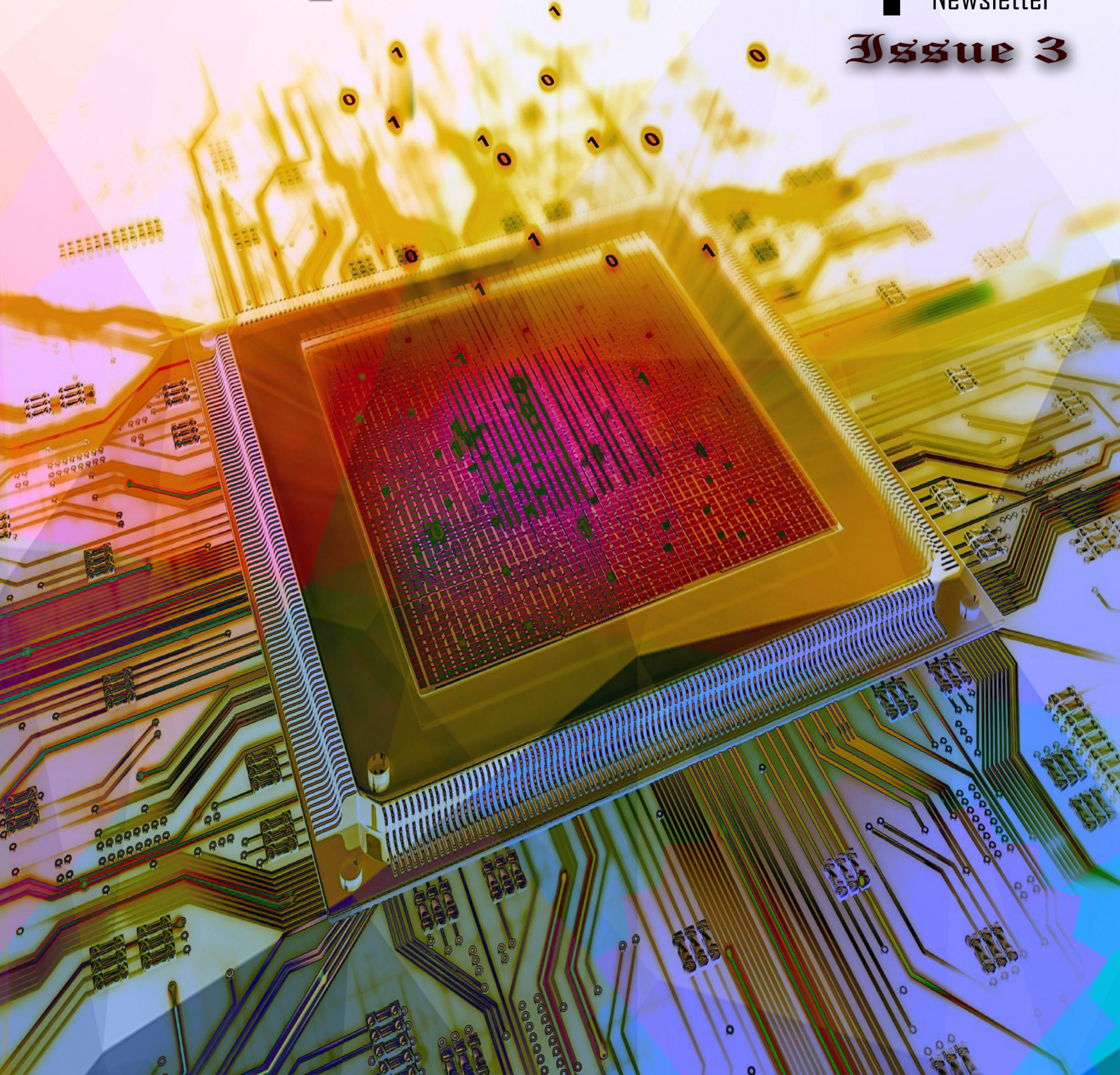




SECAB INSTITUTE OF ENGINEERING AND TECHNOLOGY
Department of Electronics and Communication Engineering

Impulse

ECE
Newsletter
Issue 3



SECAB
INSTITUTE OF ENGINEERING & TECHNOLOGY

EDITORIAL BOARD

Prof. Santosh Shirol

Assistant Professor

Prof. Vishwanath S

Assistant Professor

Prof. Salma H

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 raising 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





Internship

The students of Final year 8th sem (**Ms. Aparna Mahindrakar, Ms. Seema Sindagi, Ms. Sushma Awati, Ms. Preeti hatagani, Ms. Shamshad Begam, Ms. Amena farhat, Ms. Anwarurf karishma, Ms. Pooja Honnali, Ms. Mahabunissa Mulla & Ms. Vidyashree Niruggi**) of Electronics and Communication Engineering Completed a 10 days internship program on “**A Study on NTPC Plant**” at **National Thermal Power Corporation Limited(NTPC)**, Kudgi, Vijaypur from 23-03-2018 to 31-03-2018 during the academic year 2017-2018 under the guidance of **Shri. K. E. Srinivas(MGR, Dept. of C&I) & Prof.Mohammad Ziaullah (Dept.of ECE, SIET, Vijayapur).**



Industrial Visit

The Industrial visit event is conducted every year at the department as a part of curricular activity, where the students visit the industries to see the practical working environment and the different technologies in use. The visit was at the end of semester in 2017 and the visited industry was Karnataka Power Corporation Ltd Dandeli. This event was coordinated by **Prof. Santosh Shirol.**

Department Activities



Technical - Talk

One day technical talk was organized 27th February 2018 for the final year students of department of ECE. The speaker was Mr. Laxmi Narasimha, who gave a talk on Hardware Board Design on behalf of Schemazen Pvt. Ltd., Bangalore.



Workshop

The department of ECE, S.I.E.T Vijayapur, organized three days workshop on “ **IOT: Using Arduino and Raspberry Pi** ” in association with **IIT Kharagpur**. The workshop was arranged to the final year and pre final year students of the department. The resource person for the event was Mr. Rajeev Ranjan, Founder of RightBrain Mapping.



Short - Term Training Program

The department of ECE, S.I.E.T Vijayapur, organized one week short-term training program in association with Indian Society for Technical Education (ISTE) student chapter “**PC Hardware and Networking**” as a value added course to the 4th semester students of the department of ECE.



Colloquium

The Department of ECE Department, S.I.E.T, Vijayapura organized a Guest Lecture on “Recent Technologies in Power Electronics Application” on 17th October 2018 at BBA/BCA seminar hall. The guest speaker was Dr. Vuddanti Sandeep, who is presently working as Asst.Professor in School of Engineering, Central University Karnataka, Kalburgi. In his talk he emphasized the importance of Power Electronics and devices used in various applications.

WOMEN'S HEALTH & HYGIENE AWARENESS PROGRAM

On 22nd March 2018 at 10 am

Dr.Tehseen Fathima Mudhol
-MS-OBG

Co-ordinators
Prof. Salma Hussainnaik
Prof. Uzma Satteekar

HOD

PRINCIPAL

PRESIDENT

The Department of ECE, S.I.E.T, Vijayapur conducted “Women’s Health and Hygiene Program” for all the female students of all the Engineering branches On 22nd March 2018, the Chief Guest of the function was Dr Tahseen Fathima Mudhol, from Mudhol Hospital, Vijayapura.

Publications

1. Tabasum Guledgudd, Deepak Kurli, Premkumar Saidapur, Kalim Kazi, Manjunath Patil, "IOT Based Unmanned Lake Cleaning Machine", International Journal for Science and Advance Research in Technology, ISSN [ONLINE]: 2395-1052, Volume 4 Issue 5 – MAY 2018.
2. Tabasum Guledgudd, Deepak Kurli, Premkumar Saidapur, Kalim Kazi, Manjunath Patil, "Iot Based Smart Health Care Monitoring System Using Raspberry Pi", International Journal for Science and Advance Research in Technology, ISSN [ONLINE]: 2395-1052, Volume 4 Issue 5 – MAY 2018.
3. Mallanagoud Chikkond, Mohammed Sohail M, Mohammad Khaja Hussain M, Sumit H, Appalal L, "Solar Powered Wireless Controlled Agriculture Spray Platform" International Journal for Science and Advance Research in Technology, ISSN [ONLINE]: 2395-1052, Volume 4 Issue 5 – MAY 2018.
4. Mrs. Uzma I Satteekar, Ms. Asmanaaz R Pathan, Ms. Sufiya H Inamdar, Ms. Atiyaparveen Jagirdar, Mr. Santosh Pukale, " CONVERSATION SYSTEM FOR NON-VOCAL PEOPLE USING HAND GESTURES" in International Journal of Creative Research Thoughts (IJCRT) Volume 6, Issue 2 April 2018 | ISSN: 2320-2882.
5. Mrs. Uzma I Satteekar, Ms. Salma Hussainnaik, Ms. Amena Farhat, Ms. Ayeshabegum, " SMART JACKET FOR SOLDIERS" in International Journal of Creative Research Thoughts (IJCRT) Volume 6, Issue 2 April 2018 | ISSN: 2320-2882.
6. Mohammad Ziaullah, "ARM Microcontroller Based Border Security Robot" in International Journal Of Scientific Research And Development, Volume 5, Issue 6 in August 2017.

IEEE International/ National conference.

1. Mr. Mohammad Ziaullah, Ms. Summaiya Bagayat, Ms. Uzma Jahagirdar, Ms. Nusarath jahan, Ms. Umme Salma Makashi "Enhanced-Transmission of Data over AWGN Channel Using Image Features, Steganography and AES" in National Conference on "Recent Advancements & Innovations in Electronics & Communication - RAIEC 2018", KLE College of Engineering & Technology, Chikodi in association with Visvesvaraya Technological University, Belagavi & KLE Technological University, Hubballi On 9th & 10th March 2018
2. Mr. Mohammad Ziaullah, Ms. Summaiya Bagayat, Ms. Uzma Jahagirdar, Ms. Nusarath jahan, Ms. Umme Salma Makashi "Unmanned Ground Vehicle (UGV) Security Robot-A REVIEW" "Recent Advancements & Innovations in Electronics & Communication - RAIEC 2018", KLE College of Engineering & Technology, Chikodi in association with Visvesvaraya Technological University, Belagavi & KLE Technological University, Hubballi On 9th & 10th March 2018

KSCST - Karnataka State Council for Science and Technology

Two of the projects from the Department of Electronics and Communication Engineering participated in 41st series Student Project Program (SPP). The projects were selected for Project Exhibition held at Bapuji Institute of Engineering and Technology, Davanagere on 10th and 11th August 2018. The Projects were supported by Department of Science and Technology, Government of Karnataka and Department of Science and Technology, Government of India.



Project entitled “**Automated Water Billing for Apartments**” with guide Prof. Vishwanath S and the students Ms. Akkamma Walikar and Ms. Pooja Yadrami. This project was funded by KSCST of Rs. 6000/-.



Project entitled “**Design and Implementation of Magic Mirror for Socio – Emotion Allevation in the Smart Home using GSM**” with Guide Prof. Mohammad Ziaullah Choudary and the students Ms. Mahabunissa Mulla and Ms. Pooja Honnalli. This project was funded by KSCST of Rs. 5000/-.



FESTIN - O - BEATS

The ECE Students Association **"Avishkar"** was inaugurated for the academic year 2017 - 2018. The office bearers were 1. Secretary - Ms. Sushma Awati, 2. Treasurer - Ms. Bibi Uzma and Faculty Incharge for the association was Prof. Salma Hussainnaik. The third and fourth year under graduate students of 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.

The newcomers were made to interact with the senior's through various interactive activities while the highlight of the day was the Mr. and Miss. Fresher's contest. The winner's of the Mr. and Miss. Fresher's contest are Mr. Mubasshir and Miss. Bourraama.



Teachers' Day

The Teachers Day was celebrated by the ECE students Association **"Avishkar"** on 5th September 2017 in the memory of the birthday of the great teacher Dr Radhakrishnan, the event was focused on the faculties of the department.



Women's Day

The ECE Students Association "Avishkar" celebrated Women's day on March 8 2018 in ECE Department. The Association organized Rangoli and Mehendi competitions for students, Students enthusiastically participated in the competition and made it as a successful event. The prizes were distributed to the students.

Rangoli - 1. Sushma Awati.
2. Pooja Yadrami.

Mehandi - 1. Afshan Attar.
2. Amreen.



TalenTime 2K18

The ECE Students Association "Avishkar" of ECE Department, S.I.E.T, Vijayapura organized a Painting, Sketching and Article writing competition on 5th March 2018, for all the ECE students. The HOD of ECE Dept. Dr. Noorullah Shariff appreciated the painting, sketches and Articles. The Program was coordinated by Asst. Prof. Salma Hussainnaik.

Painting - 1. Sufiya Inamdar.
2. Anil D J group.

Article Writing - 1. Deepak Kurli.
2. Munawarra Jahagirdar.

Sketching - 1. Ashwini Kumbar.
2. Saba Attar.

Sports



Captain Bibi Summaiya a final year ECE student and her team members Bibi Mariyam Sardar(ECE), Jabeena, Pooja Honalli(ECE), Shilpa B(ECE) and other members have participated and secured third position in the VTU INTER-COLLRGATE ZONAL TOURNAMENT 2017-18.



Priya Madiwar a Pre-final year student has Secured 1st Prize in Belagavi Division Running Competition.

Testimonials

"Being An Alumni of SECAB. I. E. T, I can very proudly say that the college has given me many things that I am grateful for. With the Best of faculty, lab facilities and maximum learning opportunities it was easy to hone my skills and stand at a competitive level in the industry. Overall environment of the college is extremely supportive and it has given me the right base to move up the ladder".

- Ms. Andalib Tikotikar (2013 - 2017)



"It's a pleasure to be part of S.I.E.T Vijayapur. The course Curriculum of S.I.E.T is very contemporary and to the point. The faculty here are very cooperative and helpful. They help students to achieve their dreams. They help students improve both communication as well as technical skills. I am proud alumni of S.I.E.T. S.I.E.T Rocks!"

- Ms. Pooja Yadrami (2014 - 2018)



"It gives me great pleasure to say with pride that I have completed my graduation from SECAB Institute of Engineering and Technology, Vijayapur. The relationship between faculties and student is very cordial, which gave me an opportunity to excel in my area of interest. The four years spent here were splendid and has helped me to grow better professionally & personally. I would like to thank all the faculties and staff for making me a "Better Person".

- Mr. Kalim Kazi (2014 - 2018)

"During my time at SECAB. I. E. T, Vijayapur. I have had access to unique opportunities to focus my studies on topics of my interests and to prepare myself to enter the job market with confidence and a sense of direction".

- Ms. Ujwala Sankh