

SECAB INSTITUTE OF ENGINEERING AND TECHNOLOGY  
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACCREDITED BY NATIONAL BOARD OF ACCREDITATION (NBA), NEW DELHI

# INFO EDGE

Imagination to Reality



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## Vision

Develop professionally competent Computer Science Engineers to serve the society.

## Mission

We at the Department of Computer Science and Engineering are committed to achieve our vision by:

1. Imparting outcome based education through effective teaching learning process.
2. Providing exposure to latest tools and technologies in the area of Computer Science.
3. Inculcating research and Industry-institute interaction.
4. Involving stakeholders for continuous development.



## Message from HOD

I take the privilege to welcome you all to the Dept. of Computer Science & Engineering, accredited by the National Board of Accreditation (NBA) at Secab Institute of Engineering & Technology, Vijaypur.

The very motto of our department is to provide quality education and to be recognized as an innovative and leading Computer Science & Engineering department in the University and beyond. The process of learning is extremely important in life.

The Department has been offering excellent facilities with a variety of open source computing platforms to aspiring professional students to meet the current trends of the IT industry. The department endeavours to produce confident professionals tuned to real time working environment. to inspire the students to develop their technical skills and inculcate the spirit of team work in them.

The strength of the department is highly motivated students who understand the dynamics of the industry and tune their skills accordingly. Along with academic knowledge The department offers excellent academic environment with a team of highly qualified faculty members, state-of-the-art facilities, excellent research and development environment. Our aim is not solely to develop technical skills but to provide ethical values , professional grooming and guidance so that our students mould into thorough professionals and inspiring individuals when they enter into the real-time environment.

SECAB Institute of Engineering & Technology, Vijaypur also trains its students to face the challenges in life by providing value added education to enhance their career prospects. I would be happy to see you as a member of Computer Science & Engineering family at SECAB Institute of Engineering & Technology, Vijaypur.

## EDITORIAL BOARD

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## ACADEMIC COLLOQUIUM

The department of CSE organized research colloquium under Departmental Club "INNO-VISION" on 7th September 2019. The event started with formal inaugural function graced by the presence of dignitaries Dr.P.S.Hiremath, Professor Department of Computer Science (MCA), K L E technological University B V B CET Campus, Hubli, Dr. S.J.Arwickar Principal SECAB I. E. T, and Dr.Syed Naimatullah Hussain HOD CSE, SECAB I. E. T.

The speaker Dr.P.S.Hiremath started the session-1 with discussion on Markov Chain Modelling how stochastic process in which the distribution of future states depends only on the present state and not on how it arrived in the present state. And the session-2 discussion on Regarding importance of Markov Chain Modelling engineering in real life problems like health care, business modelling, video streaming etc and faculty members research oriented program.

There were total 93 students along with 11 staff and finally the colloquium program ends with faculty interaction.



## Industrial Visit

The Department of Computer Science & Engineering organized an industrial visit to C-DAC Electronics City 68, Electronics City Bengaluru – 561229 Karnataka (India) on 20th of September 2019. The visit was co-ordinated by Prof.Shruti Jalapur, Prof. Sayyed Abrar and Mr.Aslam Darga. Company scheduled session on Information Security which is co-ordinated by Shubham Parikh C-DAC Bangalore



## Hackathon

The Students of Computer Science and Engineering participated in 36 hours Hackathon Blockchain organized by Jain Incubator, Bangalore and supported by IBM, India on 19th and 20th September 2019.

Team 1: Sohail Jamadar, Tabrez Gulbarga, Madhu Biradar, Md Tahir Bagali. Team 2: Faizal S, Priyanka Yeldi, Pooja Saudi, RukkaiyaH.





## Gandhi Jayanti

SECAB.I.E.T celebrated Gandhi Jayanti/ International Day of nonviolence on 2nd October 2019.

The event was presided by Principal Dr S.J.Arwikar, Vice Principal M.H. Kolhar Head of various Departments, Faculty and staff members.

Principal Dr S J Arwikar lightened the lamp and gave the brief introduction and contributions of Mahatma Gandhi in freedom struggle. He also lighted the country India has to free up of plastic products and utilize the natural resources which was the dream of Gandhi. Prof Rafeeq also spoke the contributions of Gandhi in the country like Africa, in abolishing the caste and creed, Dandi March etc.

Prof Shashir Kengal, Department of Mechanical Engineering spoke regarding "Freeing India of single use Plastic products" initiative taken by Govt. of India and also recycling of the plastic products. He also lighted bad impact on the environment by usage of plastics. All the members assembled took the oath to free India from plastic products and protect the nature for the future generations.



## Plantation Drive

In order to sensitize students towards the need to preserve our Environment and Ecology, "Tree Plantation Drive" are organised by Department of Computer Science & Engineering, SECAB Institute of Engineering & Technology, Vijayapur held on 22nd August 2019, during which trees were planted around the area of CAMPUS. The plantation drive was organized under guidance of Dr. SyedNaimatullah Hussain, H.O.D Computer Science and NSS Co-ordinator Mr. Mujamil Dakhani, Asst. Prof Department of Computer Science. The support of all the Staff members and Students helped us to complete this successful event.

## Profession Body Membership

A professional body is an organisation with individual members practicing a profession or occupation in which the organization maintains an oversight of the knowledge, skills, conduct and practice of that profession or occupation.

The department of Computer Science and Engineering is proud to have the Indian **Society for Technical Education (ISTE)** student and staff membership chapters & Computer Society of India (CSI)



# Workshop

Department of Computer Science & Engineering, SECAB Institute of Engineering & Technology organised Three days Workshop on “Web Technologies: Bootstrap & Angular JS” under the banner of Computer Society of India (CSI) by Innoovatum, Karnataka Biotechnology and Information Technology Services Incubation Center, on 7, 8 & 9th of November 2019.

Objective of the workshop :

1. To bridge the gap between industry and academics
2. To explore the emerging trends and technologies in web development
3. Facilitate active learning opportunities and peer-to-peer exchanges

Around 80 number of students are actively participated in the workshop and explored their knowledge with website design and development. To motivate the students the best website design are been awarded. The day one of workshop is begin with inaugural function by facilitating the all the dignitaries of the event and continued with sessions by resource speakers. The day two was all about bootstrap with hands on sessions. The third day Angular JS with hands on session. And the last its been conclude with students and resource persons feedback and valedictory function

Outcome the students were able to :

1. design webpages using Bootstrap and AngularJS
2. Explored the emerging trends and technologies in web development
3. Explored active learning by working in team



**A Software innovation, like almost every other kind of innovation, requires the ability to collaborate and share ideas with other people, and to sit down and talk with customers and get their feedback and understand their needs.**

**I think it's fair to say that personal computers have become the most empowering tool we've ever created. They're tools of communication, they're tools of creativity, and they can be shaped by their user.**

**Bill Gates**



## Parents Meet

The department of Computer Science & Engineering has organized a Parent-Teacher meeting on Saturday, 12th October 2019 at 11.00 am in Department Seminar Hall. The main purpose of meet was to create a common platform, where teacher and parents come together to enrich the student's educational experiences and discuss variety of issues, regarding overall development of students.

The meeting was organized under guidance of Dr. Syed Naimatullah Hussain, H.O.D Computer Science & Engineering, address the parents regarding Academic Progress and coordinator Mr. Mujamil Dakhani, Asst.Prof Department of Computer Science.

The support of all the Staff members and Students helped us to complete this successful event.



## Internship

The students of computer science & Engg dept for the Internship at Master Control Facility, Hassan, ISRO. The below mentioned student(s) have been considered for Internship at MCF on 22nd July 2019. Ms. Swati M. T., Ms. Sneha R., Ms. Preeti Biradar, Mr. Gulburga Tarbrez, Mr. Badrish Kulkarni, Md Tarbej Khan & Sohail J

## UG Projects

Following are the list of projects which are recognized by various technical institutes

1. Title : "Prediction of crops based on Soil type using AI and ML Technology" is been sponsored by KSCST of 5000/- rupees guided by Prof Shuti J.
2. Title : "Automated smart shopping Cart using IOT based on RFID" is been sponsored by VTU FOSS of 5000/- rupees guided by Prof Zarin B.
3. Title : "Prediction and detection of heart attack using AI & ML technology is been sponsored by VTU FOSS of 5000/- rupees, guided by Prof Shuti J
4. Title : "Smart Trash -A waste management approach using IOT" is been select among top 10 projects in BITES -Xcelerator Project Awards, guided by Prof. Gayatri B



# Freshers' Party and Teachers' Day

Department of Computer Science & Engineering organized TEACHER'S DAY & WELKOM FIESTA (FRESHERS' DAY) on 5<sup>th</sup> September 2019.

The event was presided by Dr. ShivaMurthy G (VTU Regional Office), Principal Dr S J Arwika, Head of Department Electronics & Communication Dr Noorullah Shariff, Head of Department Computer Science & Engineering Dr Syed Naimatullah Hussain. Dr ShivaMurthy addressed the students regarding the research, contributions in the engineering field through research and also benefits of the NBA to the students community.

Principal Dr S J Arwika and HoD of Computer Science & Engineering welcomed the students for the department and give the brief introduction and its applications of computer science in real world. Students were motivated to take up the projects and internship which help during the placements. Student Roopa. T from 7<sup>th</sup> semester addressed the gathering that Dr. Sarvepalli Radhakrishnan birthday is celebrated as Teacher's Day. She also addressed contribution of Teacher in the development of society and student life.





## Vision

Develop professionally competent engineers to serve the society.

## Mission

We at SECAB Institute of Engineering and Technology, Vijayapura are committed to achieve our vision by:

1. Imparting effective outcome-based education.
2. Preparing students through skill oriented courses to excel in their profession.
3. Promoting research for the benefit of society.
4. Strengthening relationship with all stakeholders.

### Contact Details

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