

The Department has organized an industry visit to Sonata Software, on 29th November 2019 for the 5th semester students.



**Our students and faculties at Sonata Software, Bangalore**

The Department has organized an industry visit to Mind tree, on 19th October 2019 for the 5th semester students.



**Our students and faculties at Mind Tree, Bangalore**

Parents Interaction

Department has conducted parents council meeting on 21/9/2019. Around 60 parents from all semesters attended the



#### Editorial Board

**Chief Patron :** His Holiness Jagadguru Sri Sri Sri Dr. Nirmalanandanatha Maha Swamiji

**Patron :** Sri Sri Dr. Prakashnath Swamiji

**Editorial Advisors :** Dr. Puttaraju, Principal & Dr. Krishna A N, Professor & HOD

**Editors :** Dr. Srikantiah K C, Mrs. Prakruthi M K and Staff, Dept. of CSE

meeting. Parents were happy with digital mode of teaching and appreciate overall progress of the department.

#### Placement Columns

When it comes to placements SJBIT stands high, like ever before even this season we found students performing well at the placements activity. Dept. of CSE has bagged over 121 offer letters. With the coordination and cooperation of our department with the placements cell and support from our principal and management department of computer science and engineering has got almost all its students placed. There were more than 35 MNC visited our campus. Many have more than one offer. We look forward for another good season of placements coming year.

#### Ayudha Pooja

Ayudha Pooja has celebrated on 4th October 2019 in the department by worshipping goddess Saraswathi by HOD, faculty members and students.

#### Staff Publications

1. Dr. Naveena C "10:52 Social Balance Theory Based Hybrid Movie Recommendation System" 2nd International Conference on Recent Innovative Trends in Computer Science and Application.
2. Mrs. Pavithra G S "Energy Efficient Hierarchical Clustering using HACOPSO in Wireless Sensor Networks" Elsevier International Journal Volume 8 Issue 12.
3. Dr. Ajay Prakash B V "Smart Health Care Chat Bot for Prognosis of Treatments and Disease Diagnosis using Machine Learning" 2nd International Conference on Recent Innovative Trends in Computer Science and Applications (ICRITCSA 2019) ISSN 1546-1955 Springer.
4. Mr. Umashankar M L "Design of High Speed Reconfigurable Distributed Life Time Efficient Routing Algorithm in WSN" 2nd International Conference on Recent Innovative Trends in Computer Science and Applications (ICRITCSA 2019) Springer.

#### Upcoming Events

- Department is organizing Three days workshop on "Microcontroller and Embedded Systems" from 20th to 22nd January 2020. Editorial Board



|| Jai Sri Gurudev ||

Sri Adichunchanagiri Shikshana Trust ®

## SJB Institute of Technology

(Affiliated to VTU, Approved by AICTE, New Delhi, Accredited by NAAC with 'A' Grade)

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### Department of Computer Science and Engineering



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#### About SJBIT

SJB Institute of Technology (SJBIT) is situated in Silicon city Bengaluru, Karnataka state, India. It is affiliated to Visvesvaraya Technological University, Belagavi, approved by AICTE, New Delhi and Accredited by NAAC with "A" Grade. SJBIT is one among the BGS group of Institutions governed by Sri Adichunchanagiri Shikshana trust which was established in the year 1974, with the Blessings of His Divine Soul Jagadguru Padmabhushan Sri Sri Sri Dr. Balagangadharanatha Maha Swamiji with the vision to impart intellectual, spiritual, and physical needs of the students. Presently the trust is being administrated by Chief Pontiff, His Holiness Sri Sri Sri Dr. Nirmalanandanatha Maha Swamiji. SJBIT is committed to personal, social, and intellectual growth emphasizing a comprehensive educational programme leading to high academic standards with the leadership of Revered Sri Sri Dr. Prakashnath Swamiji, Managing Director, BGS Group of Institutions is diligently associating with Sri Adichunchanagiri Shikshana Trust. The Institution is headed by Dynamic and Energetic Leader, our Principal Dr. Puttaraju. His support, guidance and motivation are the key factors in inspiring the young minds and staff of the institution.



**Dr. Puttaraju**  
Principal, SJBIT.

#### Institution Vision

To become a recognized technical education center with a global perspective.

#### Institution Mission

To provide learning opportunities that fosters students ethical values, intelligent development in science and technology and social responsibility so that they become sensible and contributing members of the society.

#### About The Department

Computer Science and Engineering department has established in the institution during the year 2001. Being one of the core departments it is headed by Dr. Krishna A N. The department has recognized as a "Research Center" by VTU. The department has strengthened with qualified Doctorates, Professors, Associate Professors, Assistant Professors and Technical Staff and committed to continuously improve the quality of education by enhancing the knowledge of student and staff members. The department is equipped with state of the art laboratories having the latest configurations, software tools and department library and it presents an unique opportunity to study exciting fields under the guidance of quality teachers. The department has grabbed 6 gold medals and 21 ranks till date.

#### Department Vision

To become a Centre of excellence producing "Creators of Innovative Technology" who can contribute positively to the ever changing industrial demands and societal needs.

#### Department Mission

- To **encourage** participation of faculty and students in research activities for enhancing their subject knowledge and acquire information regarding current trends
- To provide **exposure** to students on latest tools and technologies in area of Computer Science and Engineering.
- **Preparation** of our graduates for leadership in profession and in higher education by providing excellent teaching learning environment enabling them to serve the society.



**Dr. Krishna A N**  
Prof. & Head

#### Department Highlights

- The department has 180 in-takes, considering all the technical quality and facilities provided by the management.
- The department is strengthened with 33 faculties out of which 6 are doctorates and 15 are pursuing PhD and 13 are Supporting Staff.
- The department is Coordinating IEEE Student Chapter.

#### Achievements of Students

- Prof. Prakruthi M K and Prof. Roopashree K S from dept of CSE are participated in intercollegiate group dance competition held during Independence Day on 15th Aug 2019 and SJBIT bagged first prize.



- SJBIT won first prize in faculty dance competition in BGS Utsav 2019 and Prof. Roopashree K S from dept of CSE was one among the participants.





## Department Activity

### 'C' CODING CHALLENGE

The "C coding challenge" was conducted by Dept of CSE on 16th of October 2019 stood up one of the best competition, where more than 259 participants took part in this challenge across all the departments of SJBIT. This coding challenge helped many of the Students to get familiarized with the patterns of company recruitment and the type of questions asked in the placement activities and also helped the student's to get motivated in more technical events in further coming days.

For the Fresher's and the second year students, the main advantage was getting involved in coding events and getting motivated to take part in other coding events, which helps the students to be aware of the various coding languages and take part with much more interest. Over the entire Coding event was best at its level. The Coordinators were Dr. Ajay Prakash B.V, Chandan K and Chaitra M.



### Workshop

Dept.of CSE has organized two day workshop on "Robotic Process Automation" from 18th and 19th November 2019 .The speakers for the workshop were Mr.Selva Kumar S, Assistant Professor, Department of CSE, B.M.S. College of Engineering, and Mr.Gururaja H S, Assistant Professor, Department of ISE, B.M.S. College of Engineering. First day focused about the UI Path software which we were going to use for the automation techniques and the basics of the software like the usage and other interference next few basic programs on the UIPath software and learnt how the IDE works with different ways of solving a single problem using flowcharts and sequence technique. The students got familiar about how to give out the data into a excel sheet and also how to use the data from a excel sheet for the problem statement using the UIPath and also how to implement the data to the output page



The second day was focused on usage of the excel data sheet in the program and also learnt few new techniques to sort the data and to take the data from a particular column and a particular row. Later students learnt about UI Robot its working and its activation. The workshop show cased how to use the software to create a Robot and use it to provide data to a desired website and to retrieve the result from the website and give it to the user.



### Invited Talks

Department has conducted a Guest Lecturer on "Unity Technology" for 5th semester students on 20/09/2019. The speaker for the seminar was Mr. Rakesh Kumar, Unity Certified Developer from InternetAcademy, Bengaluru.



Department has conducted a Guest Lecturer on "Flutter Mobile Development Course" for 5th semester students on 20/11/2019. The speaker for the seminar was Mrs. Pramada, Certified Developer from GeekyAntsAcademy, Bengaluru.



### Alumni Interactions

Department allows regular alumni interactions with current students to encourage them in career guidance like higher studies and other. Class room interactions were conducted on "Regarding Preparations for GATE/GRE Exams" on 10.10.2019 for 3rd and 5th semester students by our alumni Ms. Divya, Software Engineering, DXC Technology, B'luru.



Alumni interactions were conducted on "Placements and how to tackle aptitude tests" on 25.09.2019 for 3rd semester Diploma students by our alumni Ms. Chaithanya, M S Software Developer Rockwell Automation B'luru.



## Orientation Program for Staff and Students

The department of CSE organizes orientation programme for both staff and students every semester which gives an opportunity to build a network of resources that will help students to start their journey in better manner on the right path. The orientation programme for staff was held on 2/08/2019 in CSE board room. The staffs are instructed with regular schemes and policies of VTU curriculum.

The orientation programme was held on 1/08/2019 for 3rd Semester students in CSE seminar hall. The event commenced with the presentation by Dr. Krishna A. N. Prof. & Head of the department. The presentation includes a detailed list of rules and regulations, code and conduct, and general ethics of the college which are instructed to the students. The students were also made aware of syllabus, tests, term work, practical exams & overall academic pattern to be followed. He advised the students to take the right path to get success in their life.



### Industry Visit

The Department has organized an industry visit to Global Edge Software, on 13th November 2019 for the 5th semester students.



Our students and faculties at Global Edge Software, Bangalore