

Parents Interaction

Parents meet was conducted on 04/04/18. Around 50 parents from all semesters attended the meeting. Parents were very much satisfied with all type of digital mode of teaching methodology. They were happy with overall program of the department. Parents appreciated the Platform provided for sharing their views and the Progress of department.



Community Services

Community Services is one of the strategic priorities of our institute which believes in not only imparting Engineering and Management knowledge and skill to students but also make them an active agents of social change by imbibing the vision of our Poojya Maha Swamiji which is "Service to Mankind, Service to God". In this perspective, CSE department organised one day computer training program for Government High School students, Prakash Nagar, Bengaluru on 08-06-2018. The speakers were Dr. Naveena C, Mr. Ajay Prakash B V, Mr. Lochan Gowda M, Mrs. Manjula H S of CSE department. During the training, students gained knowledge on basics of computer hardware and software tools which is very essential to build foundations for learning next level of advance concepts. Total of 70 students have participated in computer training program.



Sports

VTU had hosted a Bangalore Zone Volley ball Tournament on 7th & 8th March, 2018. In the last 12 months our students have worked together to create a memorable year of sporting excellence and we have achieved record participation levels. The arrival of Volley ball Cup 2018 at Bangalore Zone Volley ball Tournament, Adithya AA & D, Bangalore event is, of course, something that will live long in the memories of the SJBIT sports community. Smitha Ananda Naik 8th semester CSE student was a part of the RUNNER UP team of VTU Inter Collegiate Bangalore Zone Volley ball Tournament. She added a feather more to Dept. of CSE hat.



Volley ball Women team placed 2nd Runner Up

Farewell

Department has celebrated the farewell function on May 30th 2018 for UG students 2018 batch. Head of the Department Dr. Krishna A.N, addressed the students and extended his best wishes for their

bright future. Our sixth semester students exhibited their talent in the form of colorful cultural programme. The programme reflected different shades of Indian culture in the form of dance, games and songs



Placement Columns

When it comes to placemats SJBIT stands high, like ever before even this season we found students performing well at the placements activity. Dept. of CSE has bagged over 106 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 20 MNC visited our campus. Many have more than one offer. We look forward for another good season of placements coming year. We would be starting training for our students in the month of July through the HRD.

WIPRO TECHNOLOGIES - 12, CAPGEMINI - 25, ATOS -19, MINDTREE - 20 TATA CONSULTANCY SERVICES - 12, GLOBAL EDGE SOFTWARE - 7, NTT DATA SERVICES - 11

Staff Publications

1. Dr. Srikantiah K C, "Efficient Resource Utilization by Reducing Broker Cost Using Multi Objective Optimization" ICIIIC- 2018
2. Dr. Naveena C, Ajay B N, "A Mechanism for Detection of Text in Images using DWT & MSER" ICIIIC- 2018
3. Dr. Naveena C, "Segmentation of Brain Tumor Tissues in HGG and LGG MR images using 3D U-net Convolutional Neural Network" IGIGOBAL-2018
4. Chandrashekar D K, "Homomorphic encryption scheme for data security in cloud using compression technique" ICSCSP- 2018
5. Ajay Prakash B V, "HSS: Health supporting system using smart intelligence" ICATCCT - 2017.

Student Publications

1. Naveen, Sunil, Mallikarjun, Darshan, "Automation system for smart city to collect and address civic issues using social media" - 2018.

Upcoming Events

- Department is organizing six days workshop on "Machine Learning" from 9th to 14th July 2018.
- Department is organizing three days workshop on "Web Technology and its Applications" from 16th to 18th July 2018.

Editorial Board

Chief Patron : His Holiness Sri Sri Sri Dr. Nirmalanandanatha Maha Swamiji
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|| Jai Sri Gurudev ||
Sri Adichunchanagiri Shikshana Trust (R)

SJB Institute of Technology

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Department of Computer Science and Engineering



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SADHANA

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

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..



Dr. Krishna A N
Prof. & Head

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.

Department Highlights

- The department has 180 admissions, considering all the technical quality and facilities provided by the management.
- The department is strengthened with 36 faculties out of which 5 are doctorates and 16 pursuing Ph.D and 13 Supporting Staff.
- The department is Coordinating IEEE Student Chapter.
- The department has coordinated VTU digital Evaluation in year 2010-11 and also coordinating in 2017-18.

Industry Tie-up

MavenHive is a product based company which combines the flexibility of freelancing with the support of a close-knit team. Here employees decide where, when and how much they work. And in so doing, deliver far more for their clients than what would be thought possible. Memorandum of Understanding is proposed with department of CSE, in order to promote students to make into industry perspective in terms of innovation capabilities with the latest technologies related to Frontend, Backend and Administration. MOU is an understanding between college and company to provide internship opportunities for students who can directly work on the live project. Company can be benefited by selecting the right talent as a future employee and students will get benefit by a real time working experience on live project and prospective career opportunities.



Achievements of Faculties

Mr. Ajay Prakash B V, Asst Professor successfully completed Ph.D viva-voce with thesis entitled "Integration of Data Mining Techniques in Agile Methodology" under the supervision of Dr. D.V. Ashoka, Professor, Dept. of ISE, JSSATE, Bengaluru



and Dr. V.N. Manjunath Aradhya, Associate Professor, Dept. of MCA, SJCE, Mysuru in the Department of Information Science and Engineering, Research Center, SJBIT, Bengaluru under Visvesvaraya Technological University, Belagavi, on 14th April, 2018.

In Varchasva 2018, the Department has won the first prize in Eastern Dance Competition in the category of inter department Competition performed by our Staff and students.



Department has won the First Prize in Eastern Dance Competition

Department Activity

Department has organized the 2nd International Conference on Integrated Intelligent Computing (ICIIC-2018) on 24th and 25th January 2018 for presenting and exchanging the novel ideas on various technologies and applications. The conference focuses on promoting recent advances and innovation in the field of intelligent computing. The accepted and presented papers are published by "Springer" in the "Advances in intelligent system and computing series" and indexed in Scopus and dblp.



13th National Conference

National Conference on "Recent Trends in CSE" is organized by the department on 9th May 2018. Every year the department will organize National Conference which provides a platform for exchanging the ideas on recent trend and technology and presented papers will be published as a special issue in CSI Adhyayan..



Cipher 2018

Cipher is an annual inter collegiate technical feast which is one of the most exciting and vivacious event that is conducted annually by Dept. of CSE and it witnesses participants from at least 50 colleges all over Karnataka. This Technical extra vaganza includes several events like web designing, Technical Quiz, On sport Programming, Technical Treasure hunt, friend power and games events like mini cricket and football. Cipher witnesses the new event "Open Stage" which is the platform for students to showcase their talents.



Haxploit

Haxploit the annual inter-college 24 hours Hackathon conducted on 23-24 March 2018 was a huge success with 105 participants from colleges all over the Bangalore. The theme of the hackathon was kept open to encourage projects and ideas of all domains. The hackathon was clubbed with Tech Talk, where participants got the opportunity to listen to their mentors about their experiences in IT world and new technologies. Mentors helping the students to build their hacks and improvise the concept with latest technologies gave them a boost and motivated them to work further upon their idea. Swag pack for all participants made the event even more special for them.



Python Club

Python Club (GUIDO.PY) was started by 5th-semester students Varun Singhal & Sohaib Alam in the year 2017-2018 to help the peers learning python and promoting competitive coding which may build their problem-solving abilities and algorithm approach. The club consisted of 30 members of all semesters learning python together under guidance. The club collaborated with "HACKERRANK" a well known competitive coding corporation and used their tool for development. Club also conducted code-jamming to identify the best programmers of the department of Computer Science and Engineering.



Invited Talks

The department has organized Technical talk on "Social impact convergence of IOT, Cloud and Big Data" for 6th Sem students on 22/03/18 and the speaker was Dr. Prakash S, Professor, Dept of CSE, Dr. AIT, Bengaluru and Ex-Chairman CSI, B'luru.



The department has organized a Technical talk on "Careers in cyber security" for 6th Sem students on 10/05/18 and the spokesperson was Mr. Santosh Nandakumar, Asst. Vice President and Senior Solution Architecture Paladion, B'luru.



Alumni Interactions

Department allows regular alumni interactions with current students to encourage them in career guidance like higher studies and other. Apart from regular and class room interactions, the Guest lecturer were conducted on "Project Preparation and web development" on 05/02/18 and the seminar was for 8th Semester students by our alumni Mr. Yogesh Agarwal, Senior Engineer, Mindtree Bengaluru.



Orientation Program for Staff and Students

Every Semester department will organize the orientation programme for both staff and students to facilitate the academic, cultural and social adjustment of the newly arrived to the department. The orientation programme for staff was held on 01/02/18. The orientation programme for students was held on 23/3/18 for 6th Sem students in CSE seminar hall. The event started 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. And also the students are made aware of the CBCS scheme rules and policies of the university and academic project, seminar and the students are encouraged to do paper publications in conferences and journals. The students are given showcase for attending co-curricular activities and extracurricular activities in the college.



Industrial Visits

The Department had organized an industrial visit to TCS Bengaluru, on April 20th 2018 for 6th sem students. Students had a wonderful experience at the Tata consultancy Services which gave them immense knowledge of a globally reputed consultancy service.



Our Students at TCS with our faculties

Industrial visit to IISc, Bengaluru, was organized by Department for 4th semester BE students accompanied by our faculty members, on 10th March 2018. On Saturday, the Indian Institute of Science opened its doors to the public for its annual Open Day held to commemorate the birth anniversary of its founder Jemsetji N. Tata.



Our Students at IISc with our faculties.

The Department has organized a five day trip for 6th semester students along with the faculty members visited an industry named Fabcoders in Goa.



Students at Fabcoders.

Excursion

The department has organized excursion to "Art of Living" on 09/06/2018. All our faculties actively took part and had a lot of fun and it was refreshing too.

