

2018-19 Placed Students Count

Infosys-37, Wipri-4, Global Edge-8, First American-6, Deltax-2, TCS-28, Accolite-1, SLK Software-1, NOBROKER-5, BETSOL-1, Larsen & Toubro Infotech-16, Aveva-Schneider-3, Sandvik-1, Hewlett Packard Enterprise-1, Telerad Tech-1, Mind Tree-19.

Sports

VTU had hosted an Inter collegiate 'Taekwondo' event on 11th & 12th September 2018. In the last 12 months our students have proved their potential in sports and have made this year a memorable year of sporting excellence. Our dept. has achieved a record participation. Our students have won Bronze medal at VTU Inter zonal event 2018 adding another feather to dept. hat. Mr. Shekar A, 5th semester CSE student has secured the third place in Inter collegiate, single zonal tournament. These achievements has been recorded in the history of SJBIT sports..



Ayudha Pooja

Ayudha pooja has celebrated on 17th October 2018 in the department by worshipping goddess Saraswathi by HOD, faculty members and students.



Staff Publications

1. Mrs.Basamma Patil "Resource allocation for fog enhanced vehicular services (FEVS)" IEEE Conference 2018.
2. Mrs.Archana R A, "Big Data Security Architecture using Split and Merge Method" IJEECS, 2018.
3. Dr. Naveena C, "Texture Features to Evaluate Biometric Verification System using Hand vein and Palmprint" Volume 180-No.52.
4. Dr. Naveena C, "Feature Level fusion based on Conical Correlation Analysis and Discriminant Correlation Analysis for Palm Print and Hand Vein" International Journal of Computer Applications (0975-8887) Volume 181-No. 9.
5. Mrs.Prakruthi M K "IOT Driven with Big Data Analytics and Block Chain Application Scenarios" Second International Conference on Green Computing and Internet of Things (ICGCIoT 2018).

Upcoming Events

1. Department is organizing One Week faculty development program on "Big Data Analytics and IOT" from 7th to 12th Jan 2019.
2. Department is organizing three days National Level Research Workshop from 23rd to 25th Jan 2019.
3. Department is organizing Staff Development program on "System and Network Administration" from 16th to 18th Jan 2019.

Editorial Board

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Il Jai Sri Gurudev Il

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



December 2018

SADHANA

Issue 9

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 a 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..



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 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 16 are pursuing Ph.D and 13 are Supporting Staff.
- The department is Coordinating IEEE Student Chapter.
- The department has coordinated VTU digital Evaluation in year 2010-11 and 2017-18.

Industry Tie-up

Datalore Labs Pvt Ltd – company which combine cutting edge Artificial Intelligence with a diverse pool of elite data science talent to help organizations with.



- Engineer Better AI Products
- Make Optimal Decisions
- Build-Agile, Data Literate Workforces
- Develop and Analyze Critical Performance Metrics
- Identify Market Patterns and Forecast Industry Trends

Memorandum of Understanding is proposed with department of CSE on 25th Oct 2018, in order to promote students to make into industry perspective in terms of innovation capabilities with the latest technologies. 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 and Students

- In SAMSKRUTHI'18-Ethnic and Cultural day the Department has won Second prize in overall championship. In this inter department competition the theme of dept of CSE was "Demons of Indian Mythology" and competed in three categories - Stall decoration, Stage performance



Department Activity

Workshop

The department has organized Workshop on "Machine Learning and its Applications" for 7th Sem students from 9th to 12th Nov 2018 and the workshop session speakers was from the Speck bit Exploratories Pvt. Ltd, Bengaluru



Invited Talks

The department has organized Technical talk on "Data Science" for 7th Sem students on 01/09/18 and the speaker was Mr. Raghavendra H M, Data Scientist, DataLore Labs, Bengaluru.



The department has organized a Technical talk on "Programming Skills towards Industry Expectation" for 7th Sem students on 08/09/18 and the spokesperson was Mr. Anthantha Somayaji, CEO, UniqVal Software Solution, Bengaluru.



The department has organized Guest Lecturer on "Demo on Java & Big Data for Internship and Project Work" for 7th Sem students on 05/10/18 and the speaker was Mr. Sanjay B, Directors & Co-founders, SanKir Technologies Pvt Ltd, Bengaluru.

The department has organized Technical talk on "AI ML Concepts and Applications and how to prepare for these opportunities" for 5th Sem students on 12/11/18 and the speaker was Mr. R Chandrashekar, Software Architect, Knowx, 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 "Project selections" on 10/08/2018 for 5th Semester students by our alumni Mr. Shashank G S, Software Engineer, Wipro Technologies Bengaluru and Ms. Inchara Patel given talk on "Programming Skills" required for fresher's in industry on 13/10/2018 for 5th Semester students. Our Alumni Ms.Sushmitha T has given a talk on "Programming Skills" for 3rd Sem Students on 6/10/18.



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 01/08/18. The staffs are given clear instructions about the updated scheme and regulations .The orientation programme for students was held on 25/09/18 for 3rd 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 17 scheme rules and policies of the university and The students are given showcase for attending co-curricular activities and extracurricular activities in the college.



Industry Visit

The Department has organized an industrial visit to TCS, Bengaluru, on 27/9/2018 for 5th semester students. There were 60 students accompanied with two faculty members, it was an informative and more helpful to the students being at TCS Technologies, Bengaluru.



Parents Interaction

Department has conducted parents council meeting on 29/9/2018.Around 100 parents from all semesters attended the meeting. Parents were happy with digital mode of teaching and appreciate overall progress of the 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, Papareddy Palya, Bengaluru on 13-12-2018. The speakers were Dr. Naveena C, Dr. Ajay Prakash B V, Mrs.Roopa M J, Mrs.Chaitra M, Mrs.Prakruthi, Mrs.Sarala N R, Mrs.Manasa, Mrs. Manjula H S, Mrs.Srinidhi K S, Mrs.Basamma Patil, Mr. Lochan Gowda M 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 150 students have participated in computer training program.



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 133 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.