



II Jai Sri Gurudev II
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

- Ms.Bhoomika keshav and Mr.Shubham Kumar are participated in SYNAPSE 2019, in annual inter college cultural festival held at Dr.AIT on 15th and 16th Mar 19 and secured the second place in the event group dance.
- Ms.Bhoomika keshav and Mr.Shubham Kumar are participated in Revothsava 2019 south zone inter university fest and placed 2nd in group dance event held at Reva University on 25th & 26th Mar 19.



- Ms.Bhoomika keshav and Mr.Shubham Kumar are participated in Dances cape and has been awarded 2nd position during Acharya Habba 19' on 29th Mar 19.

Department Activity

14th National Conference



National Conference on "Integrated Intelligent Computing, Communication & Security" was organized by the department on 04th May 2019. Every year the department will organize National Conference which provides a platform for exchanging the ideas on recent trend and technology and presented papers are published.

Workshop



Dept.of CSE has organized workshop on "Big Data Analytics & IOT" from 07th to 12th Jan 2019. The speakers for the workshop were Mr. Sudheendra Rao K, Co-founder and Senior Data Scientist, Mr. Arun Prasad ,Chief Technical Advisor Datalore Labs and for IoT & its Applications, Mr. Vishwa Kiran, Asst. Professor, Dept. of CSE, BMSIT, Bengaluru, Mr.Srinivas kulkarni, Pushkala Technologies, Mr.K N Rajesh Senior Manage, Cognitive System Solutions IBM System & Development Lab, Mr.Ravi, IBM System & Development Labs, Bengaluru.



Dept.of CSE has organized workshop for Non Teaching Staff on "Network and system Administration" from 16th to 18th January 2019. The Speakers for the workshop were Mr Anand H and Sendil kumar, solution architect at Lintechnokrafts, Bangalore.



Dept.of CSE has organized Three Days National Level "Research Workshop" from 23rd – 25th Jan 2019 and the speakers of the workshop are Dr. Dinesh K Anvekar Director of R&D and Product Innovation, Vijaya Vittala Institute of Technology, Bengaluru, Dr. Guru Murthy Hegde, Prof. CNRRao Chair Professor ,Center for Nanomaterials & Displays, BMS R&D Center, BMSCE, Bengaluru. Dr.T.Srinivas, Electrical Communication Engineering Indian Institute of Science Bangalore.

Invited Talks

Department has conducted a Guest Lecturer on "Block Chain" for 6th semester students on 22/02/2019. The speaker for the seminar was Mr. Nicolas Arqueros and Mr. Manmeet Singh, Emurgo Learning Solutions.



Cipher 2019

Cipher is intercollegiate techno cultural fest organized by the department. It provides platform for students to showcase this talent with competitive spirit. Cipher 2019 was organized on 10th April 2019, inaugurated by Dr.Puttaraju, Principal, SJBIT, fest executed with total 14 events planned and organized at its best. The event was Technical Quiz, poster Design, Hacker Rank, Chess, Corporate Wars, and Improv etc. Apart from this many fun events were also organized .Winners were encouraged with the cash prizes and certificates. The event is successful enough to attract 200 students across the Bangalore.



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 13/02/2019 in CSE board room. The staffs are instructed with regular schemes and policies of VTU curriculum.

The orientation programme was held on 05/02/2019 for 4th sem 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 industrial visit to IISc, Bengaluru, on 23/3/2019 for 4th semester students. There were 50 students



Our Students at Goa with our faculties

accompanied with two faculty members, it was an informative and more helpful to the students being at IISc open day. The Department has organized an industrial visit to Fabcoders and excursion to Goa 3/5/2019 to 6/5/19 for 6th semester students



Our Students at IISc with our faculties

Excursion

Department has organized one day excursion to "Savandurga" on 17/01/2019. All our faculties actively took part and had a lot of fun and it was refreshing too.



Parents Interaction

Department has conducted parents council meeting on 27/4/2019. Around 50 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 contributed towards improving rural education for children in "RUNADDICTS", RR Nagar, Bengaluru on 09-06-2019. The participants were Nirmala H, Bindiya M K, Chaitra M, Shubha TV, Srinidhi K S and Basamma Patil.



Farewell

Department has celebrated the farewell function on May 23rd 2019 for UG students 2019 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

Human Resource Development is the framework for helping students to develop their personal and organizational skills, knowledge, and abilities so as to enhance their personality as well as help them get placed in an organization which has global presence. SJB Institute of Technology is one of the very few colleges where the concept of HRD has been implemented and proved successful. 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 147 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 30 MNC visited our campus. Many have more than one offer. We look forward for another good season of placements coming year.

Staff Publications

1. Mrs. Nirmala H "A Novel Scheduler for Task scheduling in Multiprocessor System using Machine Learning approach" IJCSE.
2. Dr. Ajay Prakash B V "Smart Agro-Ecological Zoning for Crop Suggestion and Prediction using Machine Learning:An Comprehensive Review" Proceeding of International Conference on AIDE 2019 Springer.
3. Dr. Ajay Prakash B V "I3 Bot:Empowering Small and Medium Scale Enterprises with Machine Learning" IJSRP ISSN 2250-3153.

Upcoming Events

- ◆ Department is organizing Three days workshop on "Machine Learning with Python" from 11th to 13th June 2019.
- ◆ Department is organizing three days workshop for Technical Staff on "Windows 2012 Server and Linux Administration" from 08th to 10th July 2019.

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. Srikantaiah K C, Mrs.Prakruthi M K and Staff, Dept.of CSE