Faculty Trip

The Department has organized one day excursion to "Antharagange" on 02/08/2017.All our faculties actively took part and had a lot of fun and it was refreshing too.

Faculties at Antharagange.

Parents Interaction

Parents meet was conducted on 25/10/17.Around 50 parents from various semesters attended the meeting. Parents were happy about the Platform provided for sharing their views and happy about the Progress of department.

Community Services

Department Social Responsibility (DSR) 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, our department organized one day computer training program for government school students, kengeri in our campus. Professor and Head of the Department CSE, Dr. Krishna A.N addressed the students and extended his best wishes to learn basics of computer hardware and software. The speakers were Mr. Ajay Prakash B V, Assistant Professor and Mr. Madhu N, Assistant Professor of our 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. Also visited mechanical block and gain insights of machine shop lab and work shop lab. Total of 61 students and two teachers 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 120 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.

Sl. No	Name of the Company	No. of Students Selected
1.	Tata Consultancy Services	12
2.	Wipro Technologies	12
3.	MindTree Limited	21
4.	NTT Data	11
5.	Capgimini	25
6.	ATOS	19
7.	Global Edge	07

Students participated in Cultural Activites

- Ms.Chaitanya Girish USN 1JB16CS032 student of 3rd sem is classical dancer. She has performed at Gayana Samaja on 18th Nov 2017 as a part of dance competition.
- Ms.Sushmitha Singh M.tech student performed bharatha natayam in Kukke subramanya on 19/12/17.

Staff Publication details

1. Srikantaiah K C, "PMEM: Predicting Multiple Time Series using Ensemble Model," 2016.
2. Pavithra G S, "Secure Data Deduplication in cloud International Journal", volume 2 issue 8, August 2017.
3. Bindiya M k, "Deriving Attribute Relationship for Big Data Security," vol 6, 2017.
4. Sunitha K, "DyWT based copy move forgery detection," Volume -1 issue 6, June 2017.
5. Archana R A, "A Big Data Security using Data Masking Method," volume 7, August 2017.

Students Publication details

1. Arpitha, "Secure Data Deduplication in cloud International journal," volume 2 issue 8, August/2017.
2. Rajath Bhaskar, "DyWT based copy move forgery detection," Volume -1 issue 6, June 2017.

Upcoming Events

Department is organizing the 2nd International Conference on Integrated Intelligent Computing (ICIIC-2018) on 24th and 25th of 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 will be published by "Springer "in the "Advances in intelligent system and computing series" and indexed in Scopus and dblp.

Department is organizing two day workshop on "A Three Tier Architecture Software Installation and Testing" from Jan 17th to 18th 2018.

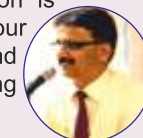## Department of Computer Science and Engineering

November 2017 — **SADHANA** — **Issue 7**

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. 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 Sri Sri Sri Padmabhushana 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 Reverend Sri Sri 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 factor in inspiring the young minds and staff of the institution.

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. The department is affiliated to Visvesvaraya Technological University, Belagavi and approved by AICTE, New Delhi. 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. Puttaraju
Principal, SJBIT.

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 intake has 180 intakes,considering all the technical quality and facilities provided by the management.
- The department is strengthened with 6 Doctoral Degree Professors, 8 Associate Professors and 27 Assistant Professors.
- In our department 19 faculties are pursuing Ph.D.
- The department is Coordinating IEEE Student Chapter.
- The department has coordinated VTU digital Evaluation in year 2010-11 and 2017-18.

Industry Tie-up

- MOU with Emc2, Certiport, IIT Bombay, Classle-BITES, DRDO, Google India, BGS Global Hospital, Bangalore and Spaneos Software Solutions Pvt. Ltd, Banashankari, Bangalore.
- MOU with "ZeroZilla" for promoting the industry academic interaction activities and to effectively share the facilities and expertise for improving the capabilities for advanced education and research and help achieve academic excellence.
- MOU with UNIQVAL SOFTWARE SOLUTION. UniQval Software Solutions is a Software Product Development and Technical Competency Development Company that focuses on Various Software Product Development in the areas of Health Care, Social Networking, Education and Staffing. UniQval also focuses on providing the training to aspirants in Software Development on Various Technologies covering the complete SDLC starting from Requirement, Development, Testing and Release.

- Smt. Rekha V, Associate Professor, will be awarded with the Ph.D degree in the month January 9th 2018 from for the work titled "Quality of Service Over Multiple Path Recovery and Backup Configuration" in VTU, under the guidance of Dr. Indiramma M. BMSCE, Research Center.
- Dr.Naveena C, Professor and B V Ajay Prakash, Asst. Prof has published book on Basics of Java and J2EE.
- In Department 22 faculties have been certified in digital professional development training program through IDUP and the same is in force in class room teaching.
- Mrs.Roopashree K. S. Asst. Professor, and Mr.Madhu N., Asst. Professor, Participated in BGS Utsav 2017 for competition and won 2nd prize in Faculties Dance competition. Also, got appreciated by all the dignitaries and audience for Lazy dance performance with our beloved principal Dr. Puttaraju.
- The Department has won the overall championship in Ethnic day inter department competition conducted on 13th November 2017.

In Faculties Dance competition SJBIT won 2nd prize

Department Activity

Workshop

- The IOS training program for 5th sem students was conducted for 9 days by Creative Info Tech in Association with Apple in the month of September and October 2017.
- The department has organized one day workshop on Artificial Intelligence and Deep Learning for students on 10th October 2017.NVIDIA Deep Learning Institute (DLI) offers hands-on training for developers, data scientists, and researchers looking to solve the world's most challenging problems with deep learning.In the workshop Students were explored open-source frameworks as well as NVIDIA's latest GPU-accelerated deep learning platforms and deployed neural networks across a variety of application domains.

Workshop on Artificial Intelligence

· The department has conducted Two days Workshop for students on "IoT with Raspberry Pi" in association with Pantech Pro Ed Private Ltd., T.Nagar, Chennai- 600017, Tamil Nadu from 30th to 31st October 2017. In the workshop students got hands on experience in python programming, the impact of IOT, Embedded IOT Systems, and set up of raspberry Pi OS

Students getting hands on experience in python programming

Guest Lectures

- The department has organized a technical talk on "Innovation, Creativity in Engineering and Project Proposal Writing" for 5th Semester students on 10th October 2017. The speaker for the seminar was Dr. Sairam Geethanath, Director, Medical Imaging Research Center, Dayananda Sagar Institions, Bengaluru
- The Department has organized a technical talk on "Campus to Corporate" on 8th November 2017. This seminar was for 8th Semester students. The resource person was Mr.Pavan B N, Primo Incorporated, Bengaluru

Our HOD welcoming Mr.Pavan B N, Primo Incorporated, Bengaluru.

Technical talk by Dr. Sairam Geethanath

Orientation Program for staff and students

The department of CSE organizes orientation programme for both staff and students every semester to facilitate the academic, cultural and social adjustment of the newly arrived to the department. Orientation programme for FacultyThe orientation programme for both old and new staff was held on 6th September 2017 in CSE seminar hall. Our HOD, Dr. Krishna A N gave a brief introduction about the rules and policies of the department. Staff was told about the various research methodologies, purpose of NBA & NAAC, how to be a part of the institution and work as a team, etc.

Orientation programme for Faculty

Orientation programme for studentsThe orientation programme for students was held on 27th October 2017 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 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.

Orientation programme for students

Technical Activity

Department of CSE is delighted to announce that Quiz Club, Python Club, Design Club and Language Club are being formed with the aim of co-curricular and extra -curricular development of the students. Interested students are selected as club members. Under the various clubs, several events were conducted/participated by the students. Highlights of technical activities for the odd semester are:

- Akshay Adiga and Chhitij Saraswat from CSE department participated in National Programing Aptitude Test conducted by NPTEL in association with ACM india and secured 100% marks in Aptitude test.
- Students from the department participated in National Level Intel Higher Education Challenge Program , "Climate Change " quiz conducted by IISc , Bangalore and "Sweden Nobel Memorial Quiz" organized by Embassy of Sweden at RVCE, Bangalore
- Sourav Nandi and Adarsh Goyal represented SJBIT in "Bharat Electronics Students Trophy, 2017" held at BEL Campus, Bangalore.
- Manish Kumar Singh and Abhishek Chaturvedi won "Current Affairs" quiz held jointly by Mechanical and Civil department, SJBIT.
- Sourav Nandi and Rahul Anand won "Technical Quiz" jointly conducted by CSE & ISE Department, SJBIT.
- Pavan R Rao and Aditya Ramachandra Prasanna won 1st and 2nd prize respectively in "Code Jamming" event conducted by Python Club, CSE Department.

Alumni Interactions

Department allows regular alumni interactions with current students to encourage them in career guidance like higher studies and other. Alumni meeting conducted on 14/09/2017 around 45 alumni were attended and gave valuable suggestions. Apart from regular interactions Guest lectures are also conducted. On 08/11/2017 Guest lecture organized from the department for the topic campus to corporate. From this students will be benefitted

DXC Technologies Student Visit

Our Students at DXC Technologies with our faculties.The Department had organized an industrial visit to DXC Technologies, Bengaluru, on September 28th 2017 for 5th semester students. There were 90 students accompanied with two faculty members, it was an informative and more helpful to the students being at DXC Technologies, Bengaluru.

Our Students at DXC Technologies with our faculties.