II Jai Sri Gurudev II
Sri Adichunchanagiri Shikshana Trust ®

SJB Institute of Technology

Approved by AICTE, New Delhi, Recognized by UGC, New Delhi with 2 (f) & 12 (B)
Accredited by NAAC with 'A+' Grade, Accredited by National Board of Accreditation
No. 67, BGS Health & Education City, Dr. Vishnuvardhan Road, Kengeri, Bengaluru-560060

Department of Information Science & Engineering

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DEPARTMENT NEWSLETTER - SPOORTHI

About SJBIT

Sri Adichunchanagiri Shikshana Trust ® was established in 1974, with the blessings of His divine soul Jagadguru Padmabhushana Sri Sri Sri Dr. Balagangadharanatha Maha Swamiji. Importance has been given to impart three components of education - Intellectual, Spiritual and Physical needs of the students. With the Vision, the Trust has started over 500 educational units across the country benefiting more than one lakh students every year. Presently, the Trust is being administered by the Chairman, Chief Pontiff, His Holiness Jagadguru Sri Sri Sri Dr.Nirmalanandanatha Maha Swamiji, beneath the Trust & BGS group of Institutions established many institutions right from Nursery, High school, Pre-University College, Pharmacy, Ayurvedic, Management, Architecture, Engineering, Medical etc. Revered Sri Sri Dr. Prakashnath Swamiji is the Managing Director, BGS & SJB group of Institutions, and is diligently associating with Sri Adichunchanagiri Shikshana Trust ®. SJB Institute of Technology is one amongst these institutions that started in the year 2001. SJBIT is committed to personal, social and intellectual growth emphasizing a comprehensive educational programme leading to high academic standards. Spreading across sprawling 50 acres of land. SJBIT is located amidst natural serene atmosphere, 14km from Bengaluru city near Kengeri. It is affiliated with Visvesvaraya Technological University, Belagavi, Approved by AICTE, New Delhi, Accredited with 'A+' grade by NAAC, and Accredited by NBA for all 8 Undergraduate courses.

The institution provides technical education fostering today's students to become tomorrow's engineers and entrepreneurs. SJBIT offers 8 Undergraduate Programmes, 3 Post Graduate Programmes and 10 departments that have been recognized as Research centers.

The Institution is headed by Dynamic and Energetic Leader, our Principal Dr. K. V. Mahendra Prashanth, SJBIT. His support, guidance, and motivation are the key factors in inspiring the young minds and staff of the Institutions.

Dr. K. V. Mahendra Prashanth
Principal, SJB Institute of Technology

Institution Vision
To become a recognized technical education center with a global perspective

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

Department Vision:
"We envision our department as a catalyst for developing educated, engaged and employable individuals whose collective energy will be the driving force for prosperity and the quality of life in our diverse world".

Department Mission:
"Our mission is to provide quality technical education in the field of information technology and to strive for excellence in the education by developing and sharpening the intellectual and human potential for good industry and community".

About the Department

Dr. Shashidhara H.R,
Prof., & Head, Dept. of Information Science and Engineering
There are 25 Faculties in our Department, with 19 Asst. Prof., 5 Assoc. Prof., 1 Professor and 11 non- technical staff, entire department is headed by Dr. Shashidhara H.R. The department has equipped laboratories with 200 systems and internet connections to benefit our students & faculty.

Unique Features

- Proctor System
- Smart classrooms
- Special course and certification
- Digital course content.
- Mini projects for the 5th and 6th Semester students are taken up every year on a regular basis for all the students with cent percent participation.
- Internship for 5th & 7th Semester students are taken up every year, students carry out their projects in the companies tied up with the department.
- Faculty Development Programs are organized every semester for continuous improvement of faculty & staff.
- Well- equipped Department Library with more than 1900 books/learning materials on the basis of unlimited access to all the students and staff.

Department Strength

The Department of Information Science and Engineering has been established in 2001 with an intake of 60 which later increased to 120 in 2007 and 180 in 2022. In 2009, a post-graduation programme had been launched in Computer Network Engg. with an intake of 18. As of now, the department has produced about 700+ graduates and about 50+ post-graduates. The department is proud to say that eight UG students and one PG student have secured ranks at the state level University. The department has conducted 9 national conferences and about 12 faculty development programs for the benefit of the teaching fraternity in and around Bengaluru. The department is a recognized Research center under VTU (2010) where 90% of our faculty members are working on their Ph.D.

Department MOU's

Sl.No.	Company Name	Made on	Validity	Coordinator
1.	M/s DHS Informatics Pvt. Ltd.	23/02/2021 to 23/02/2024	03 Years	Dr. Murali G
2.	M/s RECTOPAGE Software	27/02/2021 to 27/02/2024	03 Years	Dr. Rekha B Mrs. Poornima M
3.	Tech Fortune Technologies	05/03/2021 to 05/03/2024	03 Years	Mr. Siddanna S R
4.	iKonect., division of LIVEWire	05/03/2021 to 05/03/2024	03 Years	Dr. Murali G
5.	JK Infotech., Bangalore	01/07/2021 to 01/07/2024	03 Years	Dr. Mohan H S Mr. Santhrupth B C
6.	M/s iPEC Solutions Pvt.Ltd,	20/07/2021 to 20/07/2024	03 Years	Dr. Rekha B Mrs. Poornima M
7.	M/s. Programink Pvt.Ltd,	22/09/2021 to 21/09/2024	03 Years	Dr. Abhilash C N Mr. Chetan R
8.	Aqmenz Automation Pvt Ltd.,	30/09/2021 to 30/09/2024	03 years	Dr. Pavitra Bai S Mrs. Ramya B K
9.	Grep & AWK Technologies LLP	07/10/2021 to 07/10/2024	03 Years	Mr. V Kiran Kumar Mr. Siddanna S R
10.	Techcanopy Software Labs	17-12-2021 to 17-12-2024	03 Years	Mr. Ranjith J Mr. Chetan R Mr. Vishruth B G Mrs. Yamuna U Dr.Vinod H C
11.	E-Prominent Consultant	06/01/2022 to 06/01/2025	03 Years	Dr. Manu M N Mr. Santhrupth B C Mr. Jeevaraj R Mrs.Swathi B V

ACHIEVEMENTS

- Dr. Pavitra Bai S, Associate Professor, and Mrs. Ramya B.K, Assistant Professor, Dept. of ISE received Rs. 3,00,000/- funding from VGST for the title "Smart nutrition management system for hydroponic farming".
- Dr. Abhilash C N, Associate Professor, Dept. of ISE , In KSCST 46th Series of SPP – Final year students Project got selected for State Level Project Exhibition -2023 to be held on 11th and 12th August 2023. The Project entitled "Multi-purpose Water Management for Reverse Osmosis (RO) Dissipated water".
- Dr.Abhilash C N visited CMTI, Bengaluru as a part of Industry Institute Interaction for obtaining Sponsored Projects on 22/06/2023 .
- Ranjith J, published an Indian patent entitled "A Blockchain & IOT-based Patient Monitoring System", Domain: IoT & Blockchain, Publication date: 17/03/2023.
- BHAVANA R(1JB21IS021) IV SEM ISE have won 1-GOLD, 2-SILVER, 2-BRONZE MEDALS at VTU Inter Collegiate STATE LEVEL SWIMMING Competition -2023 held at MSRIT, Bangalore on 9th August, 2023 (Gold - 100m Breaststroke, Silver- 100m Backstroke, Silver - 50m Breaststroke, Bronze - 400m Freestyle, Bronze- 50m Freestyle).

STAFF TOUR

Faculty members had been to Manchanabele Dam as part of one day trip organized by the staff club on 10-9- 2022.

Receiving acknowledgment and wishes from Revered Sri Sri Dr.Prakashnath Swamiji

Project Exhibition
The department of ISE organized Project Exhibition for final year students on 3-05- 2023.

INDUSTRIAL VISITS
The department of ISE organized Industry visit to IMTEX-2023 for 2nd year students as part of the academic activity on 25/1/2023. The industrial trip provides a practical exposure towards Industry 4.0 and Technology standards.

GUEST LECTURES/TECHNICAL TALK

Sl. No.	Topic	Speakers	Audience/ Semester	Date
1	Career Advancement and Skill Enhancement	Mr. Ajay Murdeshwar, Career Counselor,IMS Learning Resources Pvt. Ltd., Bengaluru	6th Semester Students	29.05.2023
2	Entrepreneurship Development-Power of Ideas	Dr.Rakesh N, Assistant Professor, RNSIT, Bengaluru	4th Semester Students	28.06.2023

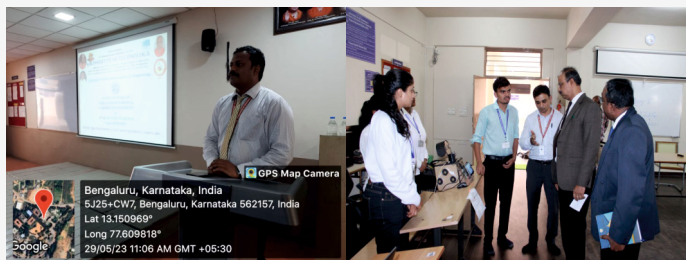**DEPARTMENTAL ACTIVITIES FOR STUDENTS**

- Department of Information Science and Engineering & Dept. of Electronics and Communication Engineering jointly organized National Startup day on 16 th January, 2023, under the initiative of Institution Innovation Council – Ministry of Education (IIC-MoE) for 3rd Semester students to gain knowledge on Steps for initiation & how to start a company, its Challenges and Practical difficulties for an Entrepreneur in the society. Four distinguished speakers Naveen SR, Vijendra Rao, Vinay M Haritsa and Hanu Ramasanjeeva motivated and shared their entrepreneurial and startup journey to all our students on the celebration of National Start-up Day 2023 in SJBIT.

- Students participated in TCS tech Bytes competition held at SJBIT Auditorium on 17-02-2023 organized by TCS.3rd Semester Students were taken National Horticultural Fair 2023 held at IIHR campus Hesaraghatta, Bengaluru 23-02-2023 Thursday as a part of SCR activity.

Valedictory Session and Token of Gratitude by ED Cell to Speaker from our Principal, SJBIT

Department of Information Science & Engineering

STAFF PAPER PUBLICATION

Sl. No.	Paper Title	Faculty Name	Journal/ Conference Name
1	Virtu Bot: Interactive Touch-Based Notice Board System With Voice Interaction And Remote control Using Raspberry Pi	Chiranthana G , Dr. Pavitra Bai S , Dr. Rohini T V	Eur. Chem. Bull. 2023
2	Systematic Approaches to Data Placement, Replication and Migration in Heterogeneous Edge-Cloud Computing Systems: A Comprehensive Literature Review	Dr. Rohini T V, Dr. Pavitra Bai S	International information and engineering technology association
3	A Novel Method Of Routing Protocol Through Cross-Layer Based On Collection Centre Point Nodes	V. Kiran Kumar, Dr. Shivamurthy G	Eur. Chem. Bull. 2023
4	BBACTFM (Block-chain Based Accurate Contact Tracing Framework Model) for Tourism Industry	B.C.Girish Kumar,Parma nand and Vikram Bali	International Conference on Advanced Communication and Intelligent Systems ICACIS 2022: Advanced Communication and Intelligent Systems
5	Accurate Rating System Using Blockchain	B.C.Girish Kumar ,Mitul Garg, Jagdish Saini, Kapil Chauhan & Nitima Malsa	International Conference on Advanced Communication and Intelligent Systems ICACIS 2022: Advanced Communication and Intelligent Systems
6	A Survey on Trajectory Optimization and Joint Resource Allocation for Multi-UAV-Assisted Multi Access Mobile Edge Computing	Yamuna U, Dr.Manjula G	Neuroquantology

Orientation on AICTE Activity Points & Principal examining the Final Year Projects

Student visitors on the open Day Event held in SJBIT & Invited Talk Session graced by Principal & HODs

Second-year student's participation in Guest Lecture Event held in Seminar Hall

PLACEMENTS
ISE Students have shown their Excellency in their academics by getting placed in various MNC Companies

Company Name	Number of students placed
Itron	8
Mercedes-Benz Research & Development India Pvt. Ltd.	6
Betsol	20
Verifone	5
LTIMindtree	17
IG Group	3
ACCENTURE	13
TCS	13
ThoughtClan	3
Figmatic	2
Brillio	3
Cognizant - Elevate	4
Subex	4
L&T Infotech	17
Clarivate	4
Tech Mahindra	4
Torry Harris	2
SLK Software	10
Light & Wonder	1

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