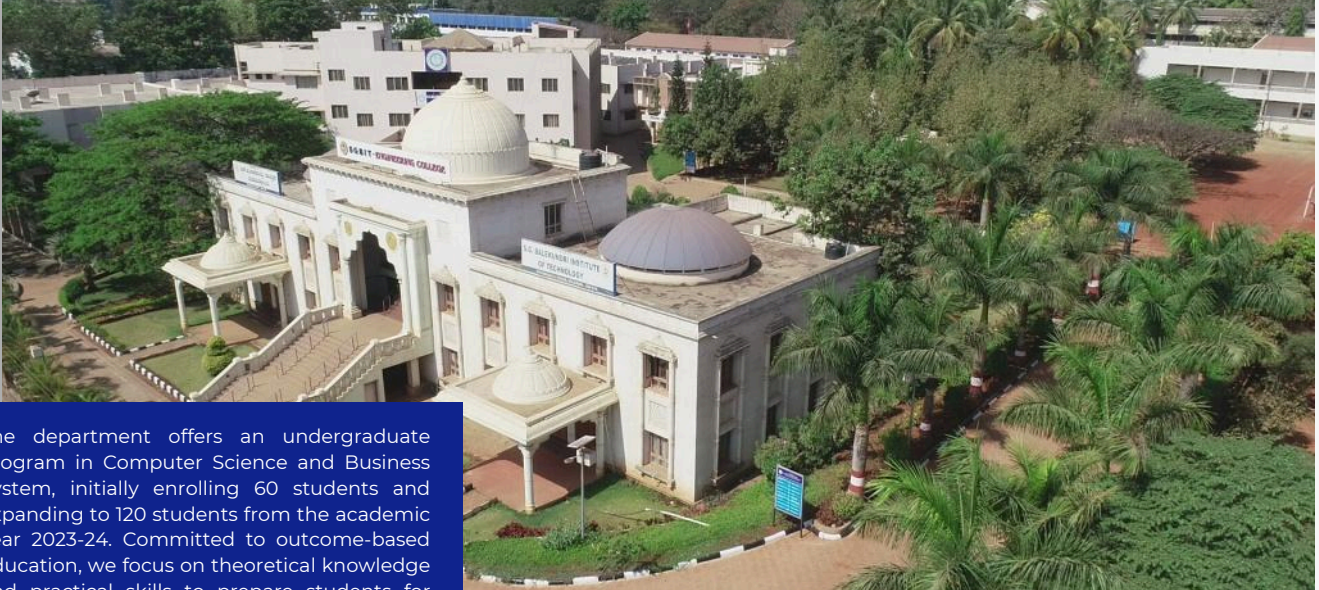# THE DEPARTMENT OF COMPUTER SCIENCE AND BUSINESS SYSTEMS (CSBS)

The department offers an undergraduate program in Computer Science and Business System, initially enrolling 60 students and expanding to 120 students from the academic year 2023-24. Committed to outcome-based education, we focus on theoretical knowledge and practical skills to prepare students for dynamic technological landscapes.

With experienced faculty and state-of-the-art infrastructure, we foster active student engagement and interdisciplinary exploration. Our curriculum is thoughtfully crafted by Visvesvaraya Technological University (VTU) to provide students with a comprehensive understanding of both computer science principles and essential business concepts integral to modern industries.

In addition to core Computer Science courses, our curriculum integrates a range of subjects that enhance the understanding of business systems and practices, further enriching students' perspectives and skill sets. By seamlessly blending computer science and business principles, we empower our graduates to become versatile professionals capable of addressing complex challenges and driving innovation across industries

Program Educational Objectives (PEOs):

PEO1. To Equip graduates with a comprehensive understanding of computer science and business systems principles, methodologies, and tools.

PEO2. To Cultivate critical thinking, problem-solving skills, and adaptability to navigate evolving technological and business landscapes.

PEO3. To Instill ethical values, social responsibility, and a commitment to continuous earning and professional growth.

Program Specific Outcomes (PSOs):

PSO1. To Integrate business strategies with technological solutions to optimize organizational efficiency and decision-making processes.

PSO2. To Apply interdisciplinary knowledge to address societal, environmental, and ethical challenges in business and technology contexts

Vision, Mission, PEOs and PSOs of the Department

To become a pioneering hub for interdisciplinary education, integrating computer science and business systems to nurture professionals with ethical values and innovative mindsets.

Mission of the Department:

M1. Foster interdisciplinary exploration and innovation, promoting collaboration at the nexus of computer science and business systems.

M2. Provide comprehensive academic programs that integrate theory, practical applications, and ethics to develop versatile professionals for diverse challenges.

Industrial Visit

Venue: Deshpande Foundation, Hubli.
Date of Visit: December 7, 2024
Organized By: Department of Computer Science and Business System, SGBIT Belagavi.
Participants: 36 students, Prof. Basavaraj Madagouda and Prof. Shilpa Awati.

The industrial visit to the Deshpande Foundation was organized to provide students with a comprehensive understanding of entrepreneurial ecosystems and initiatives for social innovation. The foundation is renowned for its contribution to fostering entrepreneurship and creating sustainable social impact in India. The visit aimed to bridge the gap between theoretical knowledge and practical implementation by exposing participants to real-world initiatives

Hubballi, Karnataka, India
1st Floor, Deshpande Startups, Next To International Airport, Gokul, Hubballi, Karnataka 580030, India
Lat 15.354353° Long 75.077939°
07/12/24 11:29 AM GMT +05:30

SCR

The Department of Computer Science and Business Systems 3rd Semester semester Students conducted a series of impactful activities for the BSCK307 – Social Connect & Responsibility course.

Belagavi, Karnataka, India
15, Bauxite Road, Near Sayadri Nagar, Sahyadri Nagar, Belagavi, Karnataka 590010, India
Lat 15.882038° Long 74.486925°
12/11/24 11:37 AM GMT +05:30

Brain Bytes

<BRAIN_BYTES> is a technical event **organized by ACSBS** under the **Department of Computer Science & Business Systems.** Scheduled on 10th March 2025, from 12:10 PM to 2:00 PM in the CSE Seminar Hall, the event includes quizzes and coding challenges aimed at enhancing students' technical knowledge and problem- solving skills. With a registration fee of just ₹50 and a deadline of 7th March 2025, participants also stand a chance to win exciting prizes. The event is conducted in association with IEEE and other tech bodies, promising a dynamic and enriching experience. The Event was organized to test the participants' fostering strategic thinking, brand awareness, and collaborative problem-solving A formal session was held at the beginning of the event, where students were introduced to the competition format, rules, and scoring system
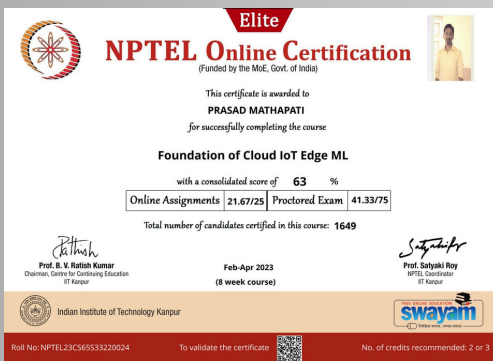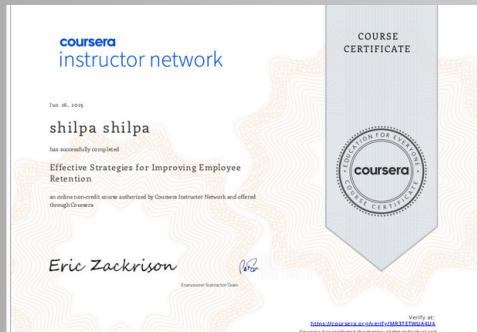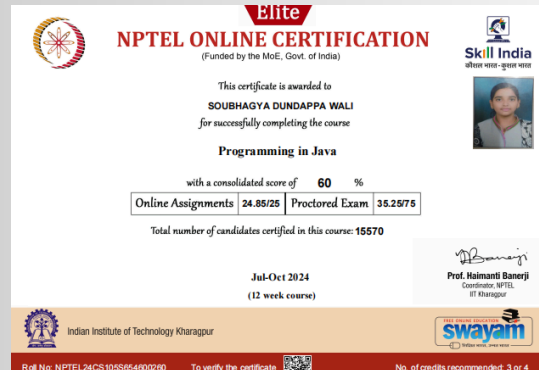
Faculty Achievments

Student Achievements

1. Bharat M. Darshankar (4th Sem) won 1st prize in Back Track Coding at Sant Gajanan Maharaj College with a cash prize of ₹3000.

2. Harshit and Prakul Hiremath presented EcoWave, a real-time traffic management solution using AI — a project appreciated for its innovative use of computer vision and real-time optimization. Belagavi Traffic Commissioner appreciated these students and given appreciation letter to them to proceed with work.

3. Sashi Vaibhav Mane: 1)Attainded 1-day AI Tool workshop conducted on 26th may 2024 by be10X 2) Attainded 8-week Ethical Hacking workshop conducted on by Intershala trainings 3) Attainded 4-week Internship and job preparation training conducted on by Intershala trainings 4)Training on cybersecurity for 1 year conducted by Forage

4. Virendra Irappa Lohar:Completed internship from techsaksham

5. Soubhagya Dundappa Wali: Completed NPTEL online certification course on Programming in Java.

Paper Published by Staff 2024-25

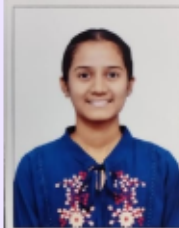| Name of the Journal	Indexing	Author Name & position
A Scoping Review of Intelligent Cyber-Physical Systems in Healthcare. Intelligent Cyber-Physical Systems for Healthcare Solutions. Springer, Singapore. https://doi.org/10.1007/978-981-97-8983-2_1	WoS	Karuna Gull
Multiple Object Detection and Tracking Using Deep Learning Framework with Non-Maximum Suppression. International Journal of Intelligent Engineering and Systems 10.22266/ijies2025.0229.09	SCOPUS/ Q3	Karuna Gull
Utilizing Multimedia Frameworks to Boost Safety and Awareness for the Visually Impaired Gongcheng Kexue Yu Jishu/Advanced Engineering Science	SCOPUS/Q3	Karuna Gull

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Hemangi.S	Bharti.m	Adiba.p
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