



Visvesvaraya Technological University (VTU), Belagavi
University B D T College of Engineering
Davanagere, Karnataka, INDIA

(A Constituent College of V T U)

Celebration of Platinum Jubilee Year (1951-2026)



Prof. T. G. Sitharam

Hon'ble Chairman

All India Council for Technical Education, New Delhi



Dr. S. Vidyashankar

Hon'ble Vice Chancellor

VTU, Belagavi

2nd INTERNATIONAL SYMPOSIUM ON COLLABORATIVE INFORMATICS
(2nd ISCI 2025), December 17-19, 2025



Organised by

University B D T College of Engineering, Davanagere, Karnataka, India

In Association with



Graduate School of
Science & Engineering

Kagoshima University, Kagoshima, Japan



Kurume Institute
of Technology
Japan



National Institute of Technology
Karnataka
Surathkal, Mangalore, India

INTRODUCTION

With the objective of continuing the interaction initiated between the researchers during earlier joint symposia including ISCI 2015, and academic collaboration between India and Japan, it is planned to organize the **2nd International Symposium on Collaborative Informatics (2nd ISCI 2025) during December 17-19, 2025**. The proposed symposium intends to provide a common platform for bringing together researchers from universities and industries in India, Japan, South Korea, China, Taiwan, Indonesia, Malaysia, Vietnam, and other countries for expanding academic and research collaboration. It is expected that the emerging technologies and scientific advancements in multiple themes, as listed below under broad areas, will be disseminated during the Symposium. Presentations will also feature new and innovative technologies in the relevant fields.

BROAD AREAS

- **Mathematics and Informatics**, dealing with the mathematical foundation of information science (informatics), including type theory, mathematical logic, program theory, program verification, theory on algorithm, information theory, coding theory, cryptology, and so on.
- **Biological Cognitive Informatics**, dealing with the development of computing systems that work best with how humans process information, creating more seamless human-systems integration.
- **Engineering informatics**, dealing with the application of information technology (IT) knowledge, methods, models, and algorithms that support engineering and management activities including from customer requirements to design and production operations.
- **Intelligent Informatics**, dealing with tools and systems using biologically and linguistically motivated computational paradigms, such as artificial neural networks, fuzzy logic, evolutionary optimization, rough sets, data mining, Web intelligence etc.
- **Modern Informatics**, dealing with e-surveillance, remote security surveillance, electronic security, artificial intelligence, internet of things.
- **Medical and Nursing Informatics**, dealing with automated patient and clinical data records, improved operations at health care facilities, simplified data collection, tracking, and analysis, and real-time access to patient information anytime, anywhere. This includes assembling and maintaining medical records from clinicians' notes, transcribing dictation from clinicians on vital patient information and overseeing the appropriate release of patient information, including the correct coding essential for billing and for patient care.
- **Agriculture informatics**, dealing with agricultural Information, engineering of agricultural Information systems and agricultural information processing, information communication technology (ICT) innovation in agriculture, food, and the environment.
- **Aquaculture informatics**, dealing with the scientific applications of Information Technology in biological concepts that enhance the productivity and economic viability of aquaculture sectors.
- **Geo-informatics** dealing with development and application of information science infrastructure to address the problems of earth sciences such as geography, geodesy, cartography, photogrammetric , GPS, GIS, and related branches of science and engineering.
- **Applications of Artificial Intelligence and Machine Learning Techniques** in science, engineering, management, health sciences, social sciences, and humanities.

PARTICIPATION

Participants will contribute papers to the oral sessions. Subject experts, scientists, researchers, academicians and students from partner universities and industries are expected to contribute papers on the relevant themes and areas.

VENUE

University B D T College of Engineering, Davanagere, Karnataka, India.

IMPORTANT DATES

Submission of Title & abstract of the paper : **August 31, 2025**

Acceptance intimation : **September 10, 2025**

Submission of full-length paper : **October 15, 2025**

(The format for preparation of the full-length paper will be informed along with abstract acceptance intimation)

An abstract (about 150-200 words in length) should reach the Conveners (Email: katta@nitk.edu.in, ubdtisci2025@gmail.com, with a copy to isci2025@eng.kagoshima-u.ac.jp) not later than **August 31, 2025**. Abstracts must show the full title of the paper, name, designation, affiliation, e-mail address and full mailing address of all the authors. The abstract must clearly describe the content of the paper. All papers accepted for presentation at the Symposium will be published in the Proceedings, available at the start of the Symposium. Authors must register and attend the symposium (online/offline) and present their papers.

TRAVEL & ACCOMMODATION

All delegates are expected to make their own travel and accommodation arrangements. **For delegates from abroad, accommodation during the symposium period can be arranged by the organizers on separate payment basis.** Bangalore airport is the nearest International Airport.

REGISTRATION

The registration fee is **INR 3,000** (INR 1,500 for students). Registration fees include registration kit, working lunch and dinner, and field visits. The registration fee has to be remitted online, on or before October 15, 2025. The bank details for remittance will be informed along with abstract acceptance letter.

ABOUT UBDTCE, Davangere

University BDT College of Engineering (UBDTCE), Davanagere, is located in the central part of Karnataka (State), India. Started in the year 1951, it was the only Government Engineering College in the state. The College was named after the donors Bramhappa Devendrappa Tanvarappanavar (BDT), who donated 1.5 lakh rupees for the construction of buildings. The Maharaja of Mysore Sri Jayachamarajendra Wodeyar Bahadur laid the foundation stone for the College building on August 7, 1951.

The College was started with only one branch in Civil Engineering (1951) at Under Graduate (UG) level. Subsequently, other branches of engineering such as Mechanical, and Electrical & Electronics (1957), Electronics & Communication (1972), Computer Science, and Instrumentation Technology (Currently Electronics & Instrumentation) (1984), and Industrial & Production (1996) have been added. The current intake of the College from all these branches is 410 at the UG level. The Post Graduate (PG) programme in Production Engineering Systems Technology (PEST) was started in the year 1987. In the year 2003, seven more PG programmes such as Computer Aided Design of Structures (CADS), Environmental Engineering, Thermal Power Engineering, Machine Design, Digital Communication and Networking, Power Systems and Power Electronics, Computer Science and Engineering, were introduced in different disciplines. The MBA, MCA programmes were started in the year 2011.

CONVENORS (INDIA)

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PROGRAM SCHEDULE

December 17	09:30AM-1:00PM	Inauguration, Keynote lectures
	01:00PM-2:00PM	Lunch Break
	2:00PM-05:00PM	Tour of the campus, visits to laboratories
December 18	09:30AM-1:00PM	Technical sessions
	01:00PM-2:00PM	Lunch Break
	2:00PM-05:00PM	Technical sessions and Valedictory function
December 19 Full day		Field visits / Technical tours/Valedictory

Sample Photos of ISCI2025 Symposium at Kagoshima in March 2025



