



S. S. Education Trust's

S. G. Balekundri Institute of Technology

Shivabasava Nagar, Belagavi - 590010, Karnataka, India.

Approved by AICTE, New Delhi & Affiliated to VTU, Belagavi

An ISO 21001:2018 Certified Institute | 5 UG Programs are NBA Accredited

CET Code: E175, COMEDK Code: E110, PG CET Code: 942



2nd IEEE International Conference on Futuristic Technologies – INCOFT 2023

HYBRID CONFERENCE

24th – 26th Nov 2023



Technical Co-Sponsor

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ABOUT SGBIT

S. G. Balekundri Institute of Technology is approved by All India Council for Technical Education (AICTE), Govt. of India, affiliated to Visvesvaraya Technological University, Karnataka, India and accredited by NBA. The institute has ISO 21001:2018 certification, certified by the Bureau of Veritas. It has Seven Undergraduate engineering courses and one Post Graduate course. In addition, it has five Research Centers catering to research scholars for obtaining Ph.D.s under Visvesvaraya Technological University. The Institute was established in 2008 by Shri Siddharameshwar Education Trust with 240 intakes in four Engineering programs located in the heart of Belagavi city of Karnataka state. Within fifteen years of its establishment, the college has entrenched itself in the league of the most reputed institutes of Belagavi. Today, the Institute provides engineering education in seven engineering programs with 720 intakes at the undergraduate level, and one program at the postgraduate level. The college campus is spread over 10 acres of land amid an educational locality flanked by many reputed educational institutes. Highly developed infrastructure for the entire engineering course is available in SGBIT.

It has MoUs with leading Research Organizations and Industries. Professional society activities and student clubs in all the departments exist to strengthen industry-institute interactions. The Seminars, Conferences, Workshops, and Faculty Development Programs are conducted frequently to abreast the staff and students with the latest technological advancements around the globe.

ABOUT INCOFT - 2023

The institution has successfully completed the first “IEEE International Conference on Futuristic Technologies with a total of 695 research articles received from various countries like India, China, USA, UK, Singapore, Malaysia, Sri Lanka, Philippines, Australia, and many more countries and 234 papers got published in IEEE digital explorer which are indexed by Scopus. Further, the International Conference on Futuristic Technologies (INCOFT - 2022) featured a series of keynote talks from international and national delegates, special sessions, and contributed research papers.

CALL FOR PAPERS

INCOFT -2022 established a premier forum for the presentation of a new platform to scientists, engineers, and professionals from different disciplines to discuss concerns related to various futuristic know-hows in science and technology. The aim of INCOFT Conference 2023 is the most prestigious technical event in the series of conferences that are devoted to futuristic technologies in the areas of Computational Intelligence, Networking, green communication, and Vehicular and cellular Networks. Futuristic is now recognized as the main regular event of the world that covers many dimensions including computing technologies and architectures, privacy-aware policies, regulations and techniques, anonymous computation, and communication, encompassing fundamental theoretical approaches, practical experimental projects, and commercial application systems for computation, communication, and vehicular networks. As applications of computer systems and networks have permeated every aspect of our daily lives, the issues of security, privacy, and anonymity have become increasingly critical. The conference will provide a forum for world-class researchers to gather and share their research achievements, emerging ideas, and trends in the highly challenging research fields.

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A glimpse of the first INCOFT-22 IEEE International Conference held at SGBIT Belagavi

We welcome submissions for the INCOFTs technical program in the following areas and not limited to

- Data Science & Artificial Intelligence
- Big Data Analytics
- High-Performance Computing
- Computational Biology & Bioinformatics
- Data-Centric Programming
- Data Modelling & Semantic Engineering
- Data, Text, Web Mining, & Visualization
- Domain Specific Data Management
- Knowledge Engineering
- Computing Technologies
- Algorithms
- Programming Languages
- Computing Architectures and Systems
- Computer Graphics, Vision and Animation
- Software and Database System
- Multimedia Engineering
- Networks, IoT and Cyber Security
- Cluster, Cloud, & Grid Computing
- Computational Intelligence
- Data Mining
- Neural Networks and Deep Learning
- Meta heuristic algorithms
- Machine Learning
- Business Intelligence
- Human-Computer Interface
- Crowd Sourcing & Social Intelligence
- Communication & Networking
- Green Communications
- Wireless Communications and Networks
- Optical Communications and Networks
- Modulation and Coding Techniques
- Ad-hoc, Mesh and Sensor Networks
- Vehicular Networks
- Cellular Networks
- Signal & Image Processing
- Image / Video / Multimedia Signal Processing
- Audio / Speech / Spoken Language Processing
- Digital & Multi-rate Signal Processing
- Signal Processing Algorithms and Architectures
- Pattern Recognition and Object Tracking
- Compressive Sensing and High-Dimensional Statistics
- RF Circuits, Systems, and Antennas
- Antennas, Propagation and Computational EM
- RF/Millimeter-wave Circuits and Systems
- THz, mm Wave, and RF Systems for Communications
- Materials and Structures
- Microwave Metrology
- RF and Microwaves in Medicine and Biology
- Devices, Circuits, Materials and Processing
- Electronic devices, materials, and fabrication process
- Device modelling & characterization
- Advanced CMOS devices and process
- Beyond CMOS device technology
- Emerging memory technologies
- Analog and mixed-signal ICs
- MEMS and semiconductor sensors
- Power, Energy, and Power Electronics
- Power Generation, Transmission and Distribution
- Renewable Energy Sources and Technology
- High Voltage Engineering, HVDC-FACTS
- Switching Circuits & Power Converters
- Power System Monitoring, Control and Protection
- Micro Grids& Distributed Generation
- Control Communication and Monitoring of Smart Grid
- Energy Storage System
- Robotics, Control, Instrumentation and Automation
- Humanoid robots
- Mobile robotics
- Space and underwater robots
- Control system modelling
- Intelligent control, Neuro-control, Fuzzy control, and their applications
- Networked control systems
- Instrumentation systems
- Industrial automation
- Biomedical Engineering and Healthcare Technologies
- Biomedical Signal Processing and Instrumentation
- Wearable Sensors for Health care monitoring
- Biomedical Imaging
- Micro/Nano-bioengineering and Cellular/Tissue Engineering & Biomaterials
- Computational Systems, Modelling & Simulation in Medicine
- Biomedical and Health Informatics

PROGRAM COMMITTEE

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PUBLICATION AND INDEXING

All accepted and registered papers that are presented at INCOFT 2023 will be published in the conference proceedings and submitted to the IEEE Xplore® digital library. Content loaded into Xplore is made available by IEEE to its abstracting and indexing partners, including Elsevier (Scopus, Clarivate Analytics) and others for potential inclusion in their respective databases.

PAPER SUBMISSION AND REVIEW

Prospective authors are encouraged to submit high-quality research for presentation at the conference. The papers should be submitted in IEEE A4 MS Word format, not exceeding 8 pages and will undergo a plagiarism check. The papers will be peer-reviewed by domain experts of respective tracks from the Technical Program Committee. More information about paper format and guidelines for paper submission can be found on the conference website.

Website: <https://incoft.in/>

Paper submission URL for INCOFT – 2023:

<https://cmt3.research.microsoft.com/User/Login?ReturnUrl=%2FINCOFT2023>

REGISTRATION FEES

Category	Indian	Non-Indian	Late registration (Indian / Non-Indian)
IEEE Member	INR 8000	USD 150	INR 9000 / USD 250
Non-IEEE Member	INR 8800	USD 200	INR 9000 / USD 250
Complementary / Co-Author	INR 7000	USD 100	INR 8000 / USD 200

Venue:

S. G. Balekundri Institute of Technology,
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SAVE THE DATES

Submission of Regular Paper (Extended) : **Oct 15, 2023**

Notification of Acceptance : **Nov 05, 2023**

Camera Ready Submission : **Nov 11, 2023**

Author Registration : **Nov 15, 2023**

Conference Date : **Nov 24-26, 2023**

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