

CALL FOR PAPERS IBSSC-2022

**4th IEEE BOMBAY SECTION
SIGNATURE CONFERENCE**

**DECEMBER 8-10, 2022
(PHYSICAL MODE)**

Theme:

**Frontiers of Technologies:
Fueling Prosperity of the
Planet and People**



The fourth IEEE Bombay Section Signature Conference (IBSSC-2022) is organized by IEEE Bombay Section and SVKM's NMIMS MPSTME, Mumbai, India. This flagship event will serve as a forum for disseminating the most recent advances in AI, Data Science, ML, and Robotics & Automation, as well as potential research prospects. The Magical City, Mumbai will be the host for the IBSSC-2022. Experts, scholars, and industry professionals from all over the world will present and discuss their work, shedding light on emerging technology developments in a comprehensive manner. Themed, "Frontiers of Technologies: Fuelling Prosperity of the Planet and People" this flagship conference of the IEEE Bombay Section will feature a comprehensive high-quality technical program including paper presentations, poster sessions, industry exhibits, experts talks, tutorials by eminent speakers and exhibition corners.

Important Dates

Paper Submissions Open on	: June 15, 2022
Hard Deadline for Paper Submission	: October 20, 2022
Paper Acceptance Notification by	: November 01, 2022
Camera Ready Paper Submission by	: November 20, 2022
Registration Open	: October 20, 2022
Early Bird Registration Closes on	: November 10, 2022
Author Registration Closes on	: November 20, 2022
Attendees Registration Closes on	: November 30, 2022

Tutorials

IBBSC offers full one day tutorials with Hands-on experience on the state-of-the-art topics including latest advances on Machine Learning, IoT, transportation system and smart organic farming by eminent speakers. More details are updated on the conference website.

Eminent Keynote Speakers

Dr Tarun Sen	MD, PG Program in BA and Professor Emeritus, Virginia Tech, Blacksburg, Va
Dr Anirban Bandyopadhyay	Senior Director & Head of Strategic Applications, GLOBALFOUNDRIES Inc.
Dr Faruk Kazi	Dean R &D, VJTI
Mr Saurabh Srivastava	VP and Head L&D, Reliance Jio
Mr Hitesh Metha	MD, Fiberoptika
Ms Reema Shah	CEO, Laesfera
Mr Puneet Agarwal	Chief Technology Officer, Zensar Technologies

Prospective authors are invited to submit their papers in the following tracks. The scope of the conference includes but not limited to the following broad areas:

Track 1:

Advances and Applications in AI & Machine Learning

- Statistical & Reinforcement Learning
- Adversarial Learning
- Deep Neural Networks
- Pattern Recognition
- Automated Reasoning and Inference
- Knowledge Representation and Constrained Processing
- Applications of AI and ML
- Cognitive and Sensory AI Applications

Track 2:

Data Science and Analytics

- Data Visualization & Analytics
- Finance & Risk Management
- Data Mining
- Data Science in Business Solutions
- Big Data Analytics
- Forecasting & Predictive Modelling
- Scalable and High-Performance Computing
- Actionable and Automated Analytics

Track 3:

Advances in Communication & Information Security Systems

- Next-Generation Communication Technologies
- Wireless Sensor Networks
- Machine to Machine Communication
- Cyber Physical Systems
- Virtualization and Cloud Computing
- Data Privacy & Security
- Blockchain Technology
- IoT Privacy and Security Concerns, IoT forensic Science

Track 4:

Robotics and Automation

- Intelligent Navigation of Mobile Robots
- Autonomous and Electric Vehicles
- Modelling and Control of Mechatronic Systems
- PLC Controlled Systems: Experiments and Simulations
- Cooperative and Coordinated Robotics
- Robotic Process Automation and Bot Design
- Gesture and Sound Controlled Automation
- Vision Based Intelligent Systems

Best Paper Awards

Awards and Certificates will be given to the best papers selected from each tracks.

Paper Submission

The Conference will include Keynote Talks (invited talks by distinguished experts) and Contributory Talks (by authors of selected papers) on the topics of the conference. Authors are invited to submit the full paper (Maximum 6 pages, double-column A4) as PDF using the IEEE template. The paper must clearly indicate the research area, main results and contributions. Submitted articles should be in PDF format and uploaded online through the EasyChair submission platform. Link to the paper submission portal is given below. All accepted papers presented at the Conference will be submitted to IEEE Xplore for publication subject to their norms.

<https://easychair.org/conferences/?conf=ibssc2022>

Early bird Registration charges*

		IEEE Member	Non-IEEE Member
Student Indian Author		₹ 5000	₹ 6000
Student International Author		\$ 100	\$ 120
Professional Indian Author		₹ 6000	₹ 7000
Professional International Author		\$ 160	\$ 190

*18% GST Extra.

Call for Exhibition / Sponsorships

Exciting exhibition and sponsorship opportunities are available.

For enquiries, please-mail: partners@ieeeebombay.org

For further information visit
<https://ibssc.ieeebombay.org>



Venue

Mukesh Patel School of Technology Management and Engineering
Bhakti Vedant Swami Marg, Near Cooper Hospital, JVPD Scheme,
Vile Parle (West), Mumbai. Maharashtra- 400 056, India.