

## CALL FOR PAPERS

### International Conference on “Interdisciplinary Research in Technology & Management”

20<sup>th</sup> April – 22<sup>nd</sup> April, 2023

IIT Delhi

In association with

**Vivekananda Vijnan Mission, West Bengal Chapter of Vijnana Bharati**

and

**Indraprastha Vigyan Bharati, New Delhi unit of Vijnana Bharati**

and supported by

**SMART Society, USA**

**All accepted and presented papers will be submitted to Taylor & Francis for publication**

**For paper submission, please visit - <http://irtm-smartsociety.org/>**

Dear Sir/Madam,

The proposed international conference is representative of the times. Inter disciplinary and collaborative research across disciplines is opening up exciting new possibilities for solving problems whose solutions are beyond the scope of a single discipline. The goal of this conference is to bring together scholars, researchers, consultants and practitioners to share their interdisciplinary research and consultative work in Technology and Management.

We invite papers (within 10 A4 size pages) for this conference, which will be peer reviewed and authors of the accepted papers will be invited to present their work in the conference. **All accepted and presented papers will be submitted to Taylor & Francis for publication.**

The presentation of papers will be interspersed with **Keynote Talks** by eminent experts on the theme of the conference or individual domain areas.

➤ **General Chair:**

- **Shekhar C. Mande**, Ex-Director General of the Council of Scientific and Industrial Research (CSIR), India, and the Ex-Secretary of the Department of Scientific and Industrial Research (DSIR), Ministry of Science and Technology.

### Conference Tracks

Papers are invited in the following areas; but this is **indicative** only and authors may also submit their research on topics which are relevant to the theme and goal of the conference.

#### 1. Technology

##### Track #1: Internet of Things (IoT) & Data Science

- IoT and Big Data
- Block chain
- Next-generation infrastructure for IoT
- Cloud computing and IoT
- Edge computing and IoT
- IoT platforms, tools, and applications
- IoT systems development methodologies
- IoT applications

##### Track #2 Mechatronics

- Sensing and Control Systems
- Mechatronics Systems
- Mechanical Systems
- Artificial Intelligence
- Robotics & Automation
- Machine Learning
- Deep learning
- Recommendation system

##### Track #3: Communication

- Ad hoc networks
- 5G communications
- Cloud and virtual networks
- Cognitive radio networks
- Cooperative communications
- Self-organising networks
- Vehicular networks
- Wireless multicasting, Wireless sensor networks

##### Track #4: Cyber security

- Network Security
- Information Security
- Encoding Technology
- Cryptography

##### Track #5: Information Technology

- Neural Network
- Intelligent System and Artificial Intelligence
- Data Mining and Analytics
- System Simulation
- Network Design and Analysis
- Quantum Information Science
- Computation in Medical Science
- Cloud Computing in E-Commerce Scenarios
- Electronic Business Model and Method

##### Track #6: Material Science

- Materials for Energy applications
- Materials for Medical applications
- Carbon based materials
- Biomaterials

#### 2. Management

##### Track #1: Corporate Management

- Digital Marketing
- Data Analytics
- Marketing Management
- Service Marketing Management
- Investment & Portfolio Management/Corporate Finance
- Human Resource Management
- E-Commerce
- Manufacturing Management
- Enterprise Resource Planning
- Supply Chain Management and Logistics
- Project Management
- Construction Management
- Health & Safety in the workplace

##### Track #2: Management of Institutions

- Banking & Insurance
- Hospitality & Tourism
- Education
- Management of Urban Centres (metropolis/cities/towns)
- Management of non-profit organizations

##### Track #3: Public/System Management

- Risk Management
- Security Management
- Management of Public Utilities
- Management of Public Administration (including welfare)
- Disaster Management

##### Track #4: Lifestyle Management

- Leisure management
- Digital entertainment

##### Track #5: Health

- Individual and Public health
- Medical diagnostics
- Information ,communication technologies(ICT) , robotics in healthcare
- Hospital management
- Healthcare infrastructure
- Health/medical education

##### Track #6: Infrastructure Management

- Energy management including Renewable energy
- Transportation management
- Communication management

##### Track #7: Environment and Sustainability

- Climate change and carbon footprint reduction
- Ecology management
- Green vehicles (EV)

➤ **Important Dates :**

- Full Paper Submission : 27<sup>th</sup> March , 2023
- Acceptance Notification : 5<sup>th</sup> April, 2023
- Registration : 1st-15<sup>th</sup> April, 2023(after Acceptance Notification)

Please visit the website at  
<https://irtm.smartsociety.org/>  
for details of the Conference and Call for Papers.

91-9433310775/9474599270  
sanghamitra@iem.edu.in/  
srijita@iem.edu.in