CALL FOR PAPERS

International Conference on
"Interdisciplinary Research in Technology & Management"

24th, 25th & 26th February, 2022
Kolkata (Hybrid mode)
In association with
IEEE Kolkata Section

Knowledge Partner
Vivekananda Vijnan Mission, West Bengal Chapter of Vijnana Bharati

and supported by
SMART Society, USA

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. After the huge success of IRTM 2021 in virtual mode in February this year, IRTM 2022 is being organized in Kolkata in hybrid mode.

We invite papers (within 5 A4size pages and preferably 2500 words with a maximum allowance of 3000 words, standard double column format) 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 IEEE Xplore (SCOPUS indexed) 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:**
- **Dr. Omkar Rai,** Director General of STPI, Ministry of Electronics and Information Technology, Government of India and Chairman, AIC STPI Next.

➢ **Technical Co-Chair:**
- **Dr. Shaji Kurian,** Professor and Chairperson – Human Resource Area, IFIM Institutions
- **Prof. Nandan Sudarsanam,** IIT Madras

➢ **Keynote Speakers:**
- **Prof. Sudipto Banerjee**, Professor and Chair, Department of Biostatistics, University of California, Los Angeles, USA
- **Prof. Vipin Kumar,** Regents Professor & Chair, Large Scale Computing, Department of Computer Science and Engineering, University of Minnesota, USA
- **Deepak Agarwal,** Senior Engineering Leader, Pinterest, USA
- **Prof. Prasun Kumar Roy**, Head, School of Bio-Medical Engineering, IIT-BHU, Varanasi, India
- **Prof. Pankaj Setia**, Professor of Information Systems and Founding Chair, Centre for Digital Transformation, I.I.M Ahmedabad, India
- **Ms Indrani Saha**, AVP, Cognizant Technology Solutions, India

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
- Project Management
- Construction Management
- Health & Safety

Track #2: Management of Institutions
- Banking & Insurance
- Hospitality & Tourism
- Education
- Management of Urban Centres (metropolis/cities/towns)
- Management of non-profit organizations

Track #3: System Management
- Risk Management
- Security Management (including Block chain)
- Management of Public Utilities
- Management of Public Administration (including welfare)
- Disaster Management

Track #4: Lifestyle Management
- Leisure & Entertainment
- Personal Medical Diagnostics & Fitness

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 : 15th Jan, 2022**
- **Acceptance Notification : 30th Jan, 2022**
- **Registration : 1st-15th Feb, 2022**
- **(after Acceptance Notification)**

➢ **Registration Fees:**
- **Overseas participants : US $ 100**
- **Industry Representative : INR 6000/-**
- **Academician : INR 4500/-**
- **Research Scholar : INR 3500/-**
- **Attendee registration: INR 500/-**

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

📞 **91-9433310775/9474599270**
✉ **sanghamitra@iemcal.com**

Venue: Institute of Engineering & Management, Salt Lake, Sector- V, Salt Lake, Kolkata -700 091, West Bengal, India.