

School of Engineering and Technology
&
School of Business

Sushant University
Erstwhile Ansal University Gurugram

ANNOUNCING

International Conference
on

Advanced Technology,
Sustainability
and Management

IATSM2021

27-28 May, 2021

IATSM2021

IATSM2021 as a Virtual Conference.

The safety and well-being of our participants is of paramount importance Sushant University. On 11 March 2021, the World Health Organization (WHO) declared Covid-19 a pandemic. After careful consideration and in light of rising numbers and pervasive travel restrictions, School of Engineering and Technology and School of Business, Sushant University have made the decision to conduct IATSM2021 to a virtual conference. We were looking forward to seeing everyone at IATSM in Gurugram, but we are excited for the opportunity to innovate by creating an engaging virtual conference that will be rewarding for both presenters and attendees. Immediate guidance for authors, and questions about registration and participation to be announced soon. We are actively discussing several options, with full details to be announced soon.

Virtual Conference Dates:

The conference will take place on MAY 27-28, 2021.

Welcome to IATSM2021

International conference on Advanced Technology, Sustainability and Management (IATSM) addresses the rapid sustainable advancements currently witnessed in the fields of Technology, Businesses, Living style, Laws, Health issues and Public policy. The conference aspires to exhibit the research excellence of budding technocrats, decision makers research scholars, representatives from the academia and industry. This conference aims to bring together the best of globally renowned research professionals.

Scope of the Conference

International conference on Advanced Technology, Sustainability and Management (IATSM) aims at exploring the interface between the industry and real time environment with state-of-the-art techniques. IATSM2021 publishes original and timely research papers and survey articles in current areas of Big Data, innovation, Environmental changes, Technical advancement, Smart city, Power, Management and Corporate governance related research areas of current importance to readers. Selected papers will be submitted for publication in conference proceedings with ISSN number.

Submission Guidelines

All papers must be original and not simultaneously submitted to another journal or conference. The following paper categories are welcome:

IATSM2021 publishes original and timely research papers and survey articles in current areas of Big Data, innovation, Environmental changes, Technical advancement, Smart city, Power, Management and Corporate governance related research areas of current importance to readers. Selected papers will be submitted for inclusion to online Journals.

List of Topics

The topics of interest include (but are not limited to)

TRACK 1

Computational Intelligence and Information Systems

- Computational intelligence solutions for Mobile and Pervasive Computing
- Computational intelligence in mobile-cloud based computing for social network recommendation services
- Big data analytics for community activity prediction, management, and decision-making
- Fuzzy system theory in and recommender systems
- Social data analytical approaches using computational methods
- Deep learning and machine learning algorithms for efficient indexing and retrieval in multimedia recommendation systems
- Intelligent techniques for smart surveillance and security
- Modeling, data mining, and public opinion analysis
- Crowd computing-assisted access control and digital rights management
- Evolutionary algorithms for data analysis and recommendations
- Intelligence and computing paradigms for sentimental analysis and recommendation
- Applied soft computing for content security, vulnerability and forensics
- Computational intelligence in multimedia computing and context-aware recommendation
- Scalable, incremental learning and understanding virtual reality community
- Intelligence-assisted ubiquitous, personal, and mobile social media applications
- Artificial intelligence and pattern recognition technologies for recommendation in healthcare
- Deep learning and computational intelligence based medical data analysis for recommendation and smart healthcare services

TRACK 2

Intelligent Signal Processing and Communication Systems

- Wireless, optical, and hybrid communications and networking
- Full-duplex, massive MIMO, mm-wave, and THz communications
- Spectrum access and sharing
- Integrated sensing, communication, and computational systems
- Spectrum sensing
- Wideband compressive sensing
- Machine learning and Deep learning
- Cyber-physical systems and hardware-controlled secured communications
- Dynamic-data-enabled communication systems through sensing and machine learning
- Quantum communication systems
- Signal and pattern extraction from massive spatiotemporal data
- Signal processing for new applications enabled by fat data pipes, virtual reality, telepresence, enhanced reality
- Sensing and Sensor Data Fusion, Motion Control and Intelligent Actuators

TRACK 3

Intelligent Informatics and Sustainable Systems

- Informatics Control, Flexible Arm Control, Perception and Recognition, Reasoning and Learning
- Robotic Systems, Human-Robotic Interaction, Service Robots, Surgery Robots and Machine Vision
- Flexible Manufacturing Systems, Production Planning and Scheduling, System Simulation, Rapid Prototyping, Concurrent Engineering and Virtual Reality
- The Web, Business & Digital Culture, Databases, Design & Graphics, Digital Audio, Video and Photography, Hardware, Home & Office
- Networking & Sys Admin, Operating Systems, programming, Science & Math, Security Software Engineering, Healthcare Informatics, Teaching Informatics, Informatics in education process

TRACK 4

Interdisciplinary Application for Sustainability

- Cognitive Sciences & Technology
- Artificial Intelligence & Fuzzy Logics
- Interface of Mathematics with other Disciplines
- Theoretical Role of Mathematics
- Methodological Role of Mathematics
- Interface of Statistics with other Disciplines
- Applications of Mathematical Engineering
- Industrial Mathematics
- Dynamical Systems
- Mathematical Biology
- Agricultural Informatics
- Remote Sensing, GIS and GPS
- Applied Discrete Mathematics
- Discrete Mathematics & Combinatory

TRACK 5

Innovation, E-governance and sustainability towards Management

- Driving Innovations in business through Artificial Intelligence
- Data Privacy and Ethics
- Machine Learning and Innovation
- Corporate Governance and Sustainability
- CSR of Business Entities in achieving Sustainability
- Sustainability for Next Business Wave
- E-Corporate Governance and Sustainability-Challenges, Issues and a Road Ahead
- Technological Innovations, Green Technology and Issues Related to ICT
- Business Strategies in the New Normal
- Changing dynamics of new Supply Chain models

TRACK 6

Sustainable changed Management Functions

- Pricing strategies in the new normal
- Isolated but Connected customers: the new CRM perspective
- Consumer behaviour post pandemic
- Demands of the new e-Marketplaces
- Creativity & Innovation in the digital economy
- Employee wellness in new normal
- Human and Institutional Capability for Sustainability
- HR analytics for business decisions
- HR - AI integration and outcomes
- HR for remote work and virtual teams
- Cost Management Strategies
- Changing Market Scenario
- Digital Payments and Fintech
- Financial Analytics for decision making
- Sustainable profits and financial inclusion

TRACK 7

Sustainable Engineering Science & Technology

- Applied Science
- Mechanics
- Material Sciences
- Materials Science and Engineering
- Nanofabrication
- Polymer Nanotechnology
- New Materials for 21st Century
- Computational Methods for Linear & Non-Linear Optimization
- Mathematical Models for Computer Science
- Numerical Analysis
- Boundary Value Problems
- Mathematical Modeling and Computational Techniques
- Complex Analysis
- Probability
- Applied Mathematics
- Real Analysis
- Differential Equations
- Fixed Point Theory
- Fractional Calculus
- Game Theory
- Functional Analysis
- Computational Methods, Algorithms and Scientific Applications
- Numerical Methods for PDEs
- Numerical Linear Algebra
- Operation Theory
- Approximation Theory
- Inequality Theory
- Convex Analysis
- Statistics
- Industrial Mathematics
- Advance Numerical Methods
- Topology
- Fuzzy sets and systems

TRACK 8

Sustainable Computing for Environment and Climate Change Science

- Aerosol and Climate Interaction
- Environmental Pollution: Observations and Modeling
- Climate Change and Impact Studies
- Regional Climate Modeling
- Extreme Weather: Short to Medium Range Forecast
- Geophysical Hazards
- Water and Hydrological Modeling

Conference Committee:

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Registration and Paper Submission Process

Once your paper is accepted, the registration process begins. It is mandatory for at least one author of an accepted paper to register in order for the paper to be published proceedings and included in the Technical Session.

Submit your papers at
<https://easychair.org/conferences/?conf=iatsm2021>

Important Dates

Last date of full paper submission	15 May, 2021
Last date of registration	20 May, 2021
Date of conference	27-28 May, 2021

Registration Fees

Registration (Before 10 May 2021)	National (in Rs.)	International
Student / Research Scholar	500*	25USD
Industry Practitioner/ Academician	1000	50USD

Standard Charges (For Indian faculties and delegates from Industry): Rs. 1000/- per paper



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