Call for Research Papers / Posters

SCOPUS indexed

International Conference on System Modelling Simulation & Intelligent Computing (ICSMSIC 2019)

(Conference dates: 8-9 March 2019)

Dr. APJAKTU sponsored **International Conference on System Modelling Simulation & Intelligent Computing** (ICSMSIC 2019) is AKTU sponsored International conference, to be held at ABES Engineering College, Ghaziabad U.P.), India.

Important Dates

Paper Submission Starts	25th January 2019
Paper Submission Deadline	20th February 2019
Notification of Acceptance/Rejection	27th February 2019
Camera Ready Paper	4th March 2019
Author's Registration	4th March 2019

Salient features:

- Selected papers will be published in the SCOPUS/UGC listed International journal having ISSN & impact factor, with an additional fees to be borne by the participant.
- Every author will get two certificates, one for paper publication in Journal and the other for paper presentation in the conference.
- All the abstracts of the papers will be published in the conference proceeding with ISBN number.

Registration Details:

Conference registration fee INR ₹ 2500

Author Type	**Nationality**	**Additional charges if accepted for***	
		UGC approved journal	**SCOPUS indexed Journal**
Academician / Industry professional (author)	Indian	INR ₹ 1200	INR ₹ 9500
	Foreigner	USD $ 200	USD $ 400
Research scholar / Student Author	Indian	INR ₹ 800	INR ₹ 7500
	Foreigner	USD $ 100	USD $ 300
**The selection of paper for UGC approved journal / SCOPUS indexed will be based on reviewer's ranking.*			

Additional Page : INR ₹ 800 / USD $ 50 for each additional page if paper exceed 6 pages

Submission guidelines

All submissions must be prepared in IEEE format and must not exceed 6 pages (including figures, references and appendices). All submissions must be in English. Submissions that do not adhere to these guidelines or that violate formatting will be declined without review. Papers must be submitted electronically at icsmsic@abes.ac.in

All submissions will be subject to plagiarism check. Papers submitted for consideration should not have been published elsewhere and should not be under review or submitted for review elsewhere during the duration of consideration. At least one author of an accepted paper must register for the conference and present the paper in the conference. Only the presented papers will be included in the proceedings.

We strongly encourage papers that report experimental work and results. Submissions will be evaluated on the basis of originality, importance of contribution, soundness, evaluation, quality of presentation and appropriate comparison to related work. Each submission will be reviewed by at least three members of the Program Committee. Papers that do not make the grade for publication, yet show promise, may be selected for poster presentation instead. It is, therefore, requested to kindly hurry up and submit your paper at the earliest possible.

Best Student Paper Award

Description: This award recognizes the best paper authored primarily by a student and presented by the student at the International **Conference on System Modelling Simulation & Intelligent Computing** (ICSMSIC 2019).

Prize: A single award of **INR ₹ 10000 to** the student first-author and certificates for all individual authors. In the exceptional case that two papers are deemed worthy, the student first-author of each paper will receive an **INR ₹ 5000 prize**.

Eligibility: All student papers presented at **International Conference on System Modelling Simulation & Intelligent Computing** (ICSMSIC 2019) are eligible. There are no restrictions as to IEEE/ACM membership, organization, nationality, race, creed, sex, or age.

Basis for Judging: A selection committee will be appointed by the ICSMSIC 2019 Awards Committee. Papers are judged based on technical merit, originality, relevance and potential impact on the field of System modelling & Simulation, clarity of the written paper, and quality of the conference presentation.

Presentation: The award will be announced and presented at the same ICSMSIC 2019.

Topics of Interest

The theme of this conference is "**System Modelling Simulation & Intelligent Computing** ". Enterprises today are beginning to realize the important role Intelligent Computing plays in achieving business goals. The human capacity to abstract complex systems and phenomena into simplified models has played a critical role in the rapid evolution of our modern industrial processes and scientific research. As a science and an art, Modelling and Simulation have been one of the core enablers of this remarkable human trace, and have become a topic of great importance for researchers and practitioners. The objective of this conference is to provide platform for presenting work with most recent concepts, advances, challenges and ideas associated with Intelligent Modelling and Simulation frameworks, tools and applications

The conference will be having 7 tracks in parallel

Track-1 MODELLING, SIMULATION, AND IMAGE IDENTIFICATION

- Active Vision and Robotic Systems
- Biometrics
- Content-based Image Retrieval (CBIR)
- Data Fusion from Multiple Sensor Inputs
- Human Activity and Behavior Understanding
- Image Understanding and Interpretation
- Monitoring and Surveillance
- Multimedia Fingerprint
- Scene Modelling
- Simultaneous Localization and Mapping (SLAM)
- Vision-Based Human-Computer Interaction
- Biologically-Inspired Computer Vision
- Character and Handwritten Text Recognition
- Copyright
- Face and Gesture Recognition
- Image Databases
- Laser Imaging
- Motion Analysis
- Object Recognition and Tracking
- Shape Analysis
- Stereo Vision

Track 2: ENERGY AND POWER SYSTEMS MODELLING

- Electricity Market Modelling
- Energy Economics
- Fault Simulation
- Harmonics Modelling
- Power Network Simulation
- Power Quality Analysis
- SCADA Systems
- Transient Analysis
- Turbine Modelling
- Energy Demand Modelling
- Energy Flow Modelling
- Fluid Power Systems
- Modelling of Energy Sources
- Power Plant Modelling
- Power System Modelling
- Stability Studies
- Transmission Line Modelling

Track 3: INFORMATION TECHNOLOGY AND COMMUNICATIONS

- 3rd and 4th Generation Networks
- Database Management
- E-Commerce
- M-Commerce
- Multimedia Systems
- Performance Modelling
- Quality of Service
- Telecommunications
- Wireless System Architectures
- Congestion Control Mechanisms
- Distance Education
- Information System Management
- Mobile Networks
- Network Simulation
- Protocols
- RF Circuit Modelling
- The Internet

Track 4: MANAGEMENT AND OPERATIONS RESEARCH

- Accounting
- Cost Benefit Analysis
- Economics
- Forecasting
- Logic Programming
- Operation and Production Management
- Optimization
- Regulatory Impact Analysis
- Risk Analysis
- Stochastic Models
- Business Process Simulation
- Economic Revitalization
- Financial Models
- Knowledge Management Systems
- Logistics
- Operations Research
- Policy Issues
- Resource Management
- Scheduling
- Supply Chain Management

- Total Quality Management
- Work Flow Management

Track 5: MODELLING AND SIMULATION METHODOLOGIES

- 3-Dimensional Modelling
- Agent-based Modelling
- Artificial Intelligence
- Bond Graph Modelling
- CASE Systems in Engineering Design
- Computational Geometry
- Computer Aided Design
- Continuous and Discrete Methodology
- Data Modelling
- Discrete Event Simulation
- Distributed Simulation
- Dynamic Modelling
- Expert Systems
- Finite Element Methods
- Fuzzy Systems
- Genetic Algorithms
- Knowledge-based Systems
- Mathematical Modelling
- Model Development
- Monte Carlo Simulation
- Multi-Paradigm
- Neural Networks
- Numerical Methods
- Object Oriented Implementation
- Petri Nets
- Physically-based Modelling
- Simulation Optimization
- Simulation Tools and Languages
- Simulation Uncertainty
- Statistical and Probabilistic Modelling
- Synthetic Environments
- Time Series Analysis
- Visualization
- Web-based Simulation

Track 6: MODELLING IN BIOMEDICINE AND BIOMECHANICS

- Arterial Wall Mechanics
- Biomechanical Modelling
- Biomedical Modelling
- Cardiovascular Modelling
- Dental Modelling
- Health Care Modelling
- Human Animation
- Image-guided Surgery
- Joint Modelling
- Limb Modelling
- Medical Education
- Medical Imaging
- Medical Instrument Design
- Medical Robotics
- Medical Vision
- Modelling of Sports Injuries
- Muscular Modelling
- Orthopedic Modelling
- Patient Simulators
- Respiratory Mechanics
- Surgical Modelling
- Surgical Simulators
- Surgical Training
- Tele-Medicine
- Virtual Reality

Track 7: AUTOMATION, CONTROL, AND ROBOTICS

- Assembly Planning
- CAD/CAM
- Flexible Manufacturing Systems
- Fluid Power Technology
- Human-Machine Interfaces
- Industrial Automation
- Intelligent Agents
- Intelligent Control
- Material Handling
- Mobile Robots
- Motion Planning
- Multi-Robot Systems
- Process Automation
- Process Control
- Robot Design
- Robust Robot Control
- Sensing and Data Fusion
- Tele-Robotics