



International Conference on Smart Technologies for Sustainable Development (ICSTSD2021)

28th – 29th October, 2021

Organized by

JIS College of Engineering

Block – A, Phase – III, Kalyani – 741235, West Bengal, India



Objective

The International Conference on Smart Technologies for Sustainable Development (ICSTSD2021) is to be organized to address various issues of Smart Technologies to prosper the creation of intelligent solutions in future. The aim is to bring together worldwide leading researchers, developers, practitioners, and educators interested in advancing the state of the art in various engineering disciplines for exchanging knowledge that encompasses a broad range of research area among various distinct communities. It is expected that researchers will bring new prospect for collaboration across disciplines and gain idea facilitating novel breakthrough. The theme for this conference is the inculcation of innovations in smart technologies for holistic development and implementation for societal benefit. The conference will provide an exceptional platform to the researchers to meet and discuss the solutions of recent investigations, scientific results and various contemporary issues with people that actively involved in these evergreen fields. The 2-days conference commencing on 28th – 29th October, 2021, will feature reputed keynote speakers, tutorials, Panel Discussions. All accepted and presented papers will be submitted to Scopus indexed journals for Publication. ICSTSD2021 will no doubt be proven to be exciting and knowledge sharing platform. The organizing team cordially invite you to take part in this upcoming event and together we flourish it into a most memorable experience.

JIS College of Engineering is the first private self-financed Autonomous Engineering Institution in the State of West Bengal under Maulana Abul Kalam Azad University of Technology and are affiliated to AICTE, UGC (2f & 12B). Our Institution is accredited with UGC NAAC Grade -'A', eligible engineering departments are accredited by NBA and moreover Institution qualified for Technical Education Quality Improvement Program (As only Private Institution under Subcomponent 1.2 for PG and Research) funded by World Bank. The Institution had been declared as an Autonomous Institution by the University Grant Commission in 2011 and its renewal in 2017. There is a well established R&D culture within the Institute. Hosting and arranging R&D events like National and International Conference/ Workshop / Seminar are very prominent at the institute. The Institution has been chosen as commencement venue by the Indian Institute of Information Technology (IT) in its inception as a National Institution. Recently, JISCE organized an International Conference at AICTE HQ on Digital Pedagogy with AICTE, MHRD, UNISCO, World Bank Group as co-conveners where more than 200 Institutes across India participated and enriched themselves.

About us

Call for Contributions

Prospective authors are encouraged to contribute to and help shape the conference through submissions of their research papers and e-posters. Also, high quality research contributions describing original and unpublished results of conceptual, constructive, empirical, experimental, or theoretical work in all areas of modern technologies pertinent to various tracks are cordially invited for possible presentation at the conference. The conference solicits contributions of abstracts, papers and e-posters that address themes and topics of the conference, including figures, tables and references of novel research materials.

Conference Proceedings:

All submitted conference papers will be blind peer reviewed by three competent reviewers. The peer-reviewed conference proceedings will be published in Journal indexed by SCOPUS and available in UGC care Journal.

Important Dates

Full Paper Submission Ends

10 September, 2021

Paper acceptance notification to authors

30 September, 2021

Last Date of registration

20 October, 2021

Last Date of Copyright form Submission

22 October, 2021

Last Date of Camera-Ready Copy Submission

22 October, 2021

Registration

Presenter (Academics): Rs. 7000/ USD 100

Presenter (Industry): Rs. 12000/ USD 200

Author other than the presenter: Rs. 1000/ USD 50

Only participation: Rs. 500/ USD 25

Payment Information:

Bank Name: PUNJAB NATIONAL BANK

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Contact us

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Tracks

Technical papers are invited on the following topics & are not limited to,

Track-I: Electronics and devices:

Sub track: Smart Electronics, Analog and Digital Circuits, Antenna Design and RF Propagation, Microwaves Circuits Design, Smart Energy Systems, Nano Electronics and Microelectronics Micro Processor, Adaptive Signal Processing, ASIC & SOC, CAD for VLSI, Electronic System Design.

Track-II: Computational science:

Sub track: Communication Technologies, Information and Communication Technologies, Cooperative Communications, Wireless Networks, Sensing and Sensor Networks, Optical Communication and Components, Communication Theory and Information Theory, Smart Security Models and Applications, Wearable Systems and Technologies, Numerical methods and optimization techniques, Decision making, Methods and tools for mathematical conceptualization and modelling.

Track-III: Environmental and Earth science:

Sub track: Distributed Energy Resources, Power electronics, control and protection systems for smart grid applications, Uncertainty management in smart grid planning, forecasting and operation, Smart multi-energy infrastructures and the environment, Monitoring and control of power quality in smart grids, Green Building, Rain Water Harvesting, Constructions.

Track IV: Biological physics:

Sub Track: Computer science in theoretical biophysics, Biological and Technological Complex Networks. biology, medicine.

Track V: Education and Communication:

Sub Track: Role of Technology in Education, Digital pedagogy & future learning spaces, Digital transformation & its societal impact.

Committee

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