



## International Conference on

# Smart Systems and Wireless Communication



Organized by

## Department of Information Technology JIS College of Engineering

(NAAC 'A' Accredited Autonomous Institution)

Venue :

**JIS College of Engineering  
Block-A, Phase-III, Kalyani,  
West Bengal, India**

Date :

**29th - 30th November 2024**

### Chief Patron:

- Sardar Taranjit Singh, Managing Director, JIS Group

### Patron(s):

- Sardar Haranjit Singh, Joint Managing Director, JIS Group
- Sardar Amrik Singh, Deputy Managing Director, JIS Group
- Mr. Simarpreet Singh, Director, JIS Group
- Ms. Manpreet Kaur, CEO, JIS Group
- Ms. Jaspreet Kaur, Director, JIS Group
- Mr. Harjot Singh, Director, JIS Group
- Mr. Amanjot Singh, Director, JIS Group
- Mr. Anmol Singh Narula, Director, JIS Group

### Mentor(s):

- Prof. (Dr.) Partha Sarkar, Principal, JIS College of Engineering
- Dr. Sila Singh Ghosh, Registrar, JIS College of Engineering and VP, JIS Group

### Conference General Chair(s):

- Prof. Rituparna Chaki, University of Calcutta, India
- Prof. Agostino CORTESI, Ca' Foscari University of Venice, Italy

### International Advisory Committee:

- Prof. Khalid Saeed, Bialystok University of Technology, Poland
- Prof. Rajkumar Buyya, University of Melbourne, Australia
- Prof. Kenneth W. Regan, University at Buffalo, State University of New York, USA
- Prof. Valentina Janev, University of Belgrade, Serbia
- Prof. Esref Adali, Istanbul Technical University, Turkey
- Prof. Nobuyuki Nishiuchi, Tokyo Metropolitan University, Japan
- Prof. José Escorcia-Gutierrez, Universidad de la Costa, Colombia
- Prof. Karoi YOSHIDA, Kyushu Institute of Technology, Japan
- Prof. Fazliddin Makhmudov, Gachon University, Korea
- Dr. Soumya Ghose, AI-Computer Vision, GE HealthCare, USA
- Dr. Jhimli Mitra, AI-Computer Vision, GE HealthCare, USA
- Mr. Pramit Mitra, Dell Technologies, USA
- Mr. Sayan Maitra, Accenture, Netherlands
- Mr. Alip Chattopadhyay, Ascendum Solutions, USA

### National Advisory Committee:

- Prof. Nabendu Chaki, University of Calcutta, India
- Prof. Sudip Misra, Indian Institute of Technology Kharagpur, India
- Prof. Viraj Kumar, IISc Bangalore, India
- Prof. Niraj Saxena, JIS University, India
- Prof. Anirban Sarkar, NIT Durgapur, India
- Prof. Nagaraju Devarakonda, VIT University, AP, India
- Prof. Debashis De, Maulana Abul Kalam Azad University of Technology, India
- Prof. Susanta Chakraborty, IIST Shibpur, India
- Prof. Rajib Mall, Indian Institute of Technology Kharagpur, India
- Prof. Bhabotosh Chanda, ISI Calcutta, India
- Prof. Manas K. Sanyal, University of Kalyani, India
- Prof. Saranjit Singh, KIIT University, India
- Prof. Srinivas Sethi, Indira Gandhi Institute of Technology, India
- Prof. Nibedita Adhikari, Utkal University
- Prof. Satyabrata Das, Veer Surendra Sai University of Technology
- Prof. Rajneeshkaur Sachdeo, MIT-ADT University, India
- Prof. Debendra Kumar Panda, Medi-Caps University, India
- Prof. Imon Mukherjee, IIIT Kalyani, India
- Prof. Hiangshu Das, KIIT University, India
- Prof. Sunirmal Khatua, University of Calcutta, India
- Prof. Jyotsna Kumar Mandal, University of Kalyani, India
- Prof. Kaushik Roy, West Bengal State University, India
- Prof. Ditipriya Sinha, NIT Patna
- Prof. Novarun Deb, IIIT Vadodara
- Prof. Ayan Kumar Das, BIT Mesra
- Prof. Nilanjan Dey, Techno International New Town, India
- Prof. Debabrata Nayak, Ericsson
- Mr. Biswajit Chatterjee, TCS Research and Innovation Lab

### Convener(s):

- Dr. Suparna Das Gupta, Dept. of IT, JIS College of Engineering
- Dr. Soumyabrata Saha, Dept. of IT, JIS College of Engineering

### Co-Convener(s):

- Mr. Debashis Sanki, Deputy Registrar, JIS College of Engineering
- Dr. Sumit Das, Dept. of IT, JIS College of Engineering

### Program Committee:

- Dr. Biswarup Neogi, Dean Research & Development, JIS College of Engineering
- Dr. Bikramjit Sarkar, Dept. of CSE, JIS College of Engineering
- Dr. Sritanath Biswas, Dept. of CST, JIS College of Engineering
- Ms. Rupashri Barik, Dept. of IT, JIS College of Engineering
- Ms. Annwesha Banerjee, Dept. of IT, JIS College of Engineering
- Ms. Tanusree Saha, Dept. of IT, JIS College of Engineering
- Mr. Prolay Ghosh, Dept. of IT, JIS College of Engineering
- Mr. Aniruddha Biswas, Dept. of IT, JIS College of Engineering

JIS College of Engineering is the pioneer Autonomous Engineering Institution under JIS Group Educational Initiatives. Major accomplishments in the quest for excellence have been made since 2000, including the prestigious NAAC Accreditation with Grade A (Third Cycle), NIRF Engineering and Innovation Ranking, NBA Accreditation Program, World Bank assistance for the TEQIP Grant, and being accorded Autonomous status (Third Cycle) by University Grants Commission.

The institution revolutionized its teaching and learning approach by introducing "Flipped Learning" and received acclaim for being the first institution in India to implement comprehensive Flipped Learning in engineering education. The institution not only provides a wide gamut of technological and professional courses but also focuses on enhancing research and academic progress. The establishment of the cutting-edge AICTE-IDEA LAB represents a groundbreaking effort aimed at nurturing a culture of creativity, innovation, and entrepreneurial spirit among the students.

International Conference on Smart Systems and Wireless Communication invites submission of novel, recent area of innovation and previously unpublished research work/idea in the field of recent Innovations in Science, Engineering & Technology related applications as mentioned in the track of the conference.

A wide variety of technology and interdisciplinary domains are included like Smart Systems, Wireless Communication, Machine Learning Applications, Security Solutions, Bioinformatics and Robotics Application areas etc. The conference is meant to discuss the state-of-art development, challenges, and unsolved problems in the field of computing, communication, smart systems. It will provide a platform to the students, researchers, scientists, faculty members, professionals, and practitioners to interact, present and get innovative idea in the field of communication and smart systems.

## List of Topics (but not limited to)

- Smart Cities
- Smart Farming
- Smart Healthcare
- Wireless Communication
- Networking Protocols
- Internet of Things
- 6G and beyond
- Cyber Physical Systems
- Human Computer Interaction
- Big Data and Data Analytics
- Sustainable and Green Computing
- Machine Learning Applications
- High Performance Computing
- Requirements Engineering
- Analysis and Verification Techniques
- Security Systems
- Distributed Systems
- Biometrics
- Bioinformatics
- Robotic Process Automation

## Submit Your Paper

The paper must be 10-12 pages in length (including all text, figures, and references) as per Springer Format.

All accepted and presented papers will be published by Springer as edited Book Chapters (Smart Innovation, Systems and Technologies) **[Scopus Indexed]**

[<https://www.springer.com/series/8767>]

**Conference Website :** <https://www.jiscollge.ac.in/sswc2024>

**Paper Submission :** <https://easychair.org/conferences/?conf=sswc2024>

## Important Dates

**Paper Submission Open :** March 15, 2024

**Paper Submission End :** May 31, 2024

**Author Notification :** July 15, 2024

**Camera Ready Submission & Author Registration :** August 31, 2024

**Conference Date :** November 29 and 30, 2024

## Author Registration

Category	From India	From Abroad
Academicians(First Paper)	INR 8000	200 US Dollar
Academicians (Second Paper)	INR 6000	150 US Dollar
Students/Research Scholars	INR 6000	150 US Dollar
Industry Professionals	INR 9000	300 US Dollar
Listener	INR 1500	100 US Dollar

**Conference Contact :** [sswc@jiscollge.ac.in](mailto:sswc@jiscollge.ac.in) (M): 9831321719, 9836516088

