# ICICC-2025
# 8th International Conference on Innovative Computing and Communication

*ORGANISED BY: SHAHEED SUKHDEV COLLEGE OF BUSINESS STUDIES, UNIVERSITY OF DELHI, NEW DELHI IN ASSOCIATION WITH NATIONAL INSTITUTE OF TECHNOLOGY PATNA & UNIVERSITY OF VALLADOLID SPAIN*

On

**14-15 FEBRUARY 2025.**

## ************* CALL FOR PAPERS **************

**SPECIAL SESSION ON**

[ Innovation in Biomedical Engineering
]

**SESSION ORGANIZERS:**

1. Dr. Gurmeet Singh (PhD IITD, Associate Professor, Guru Tegh Bahadur Institute of technology ,New Delhi , India)
   Email: Gurmeetiitdelhi@gmail.com , drgurmeetsingh@gtbit.ac.in

2. Dr. Ramandeep Singh, Scientist-D, Neuro-engineering Lab, Department of Neurosurgery, AIIMS, New Delhi, , India
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**EDITORIAL BOARD: (Optional)**

[Name, University or Organization, Country, e-mail]

**SESSION DESCRIPTION:**

This special session will explore the transformative impact of innovative computation in the field of biomedical engineering, focusing on advancements in biomedical instrumentation, neuroscience, biomedical imaging, biomechanics, surgery, and wearable health technologies. We will discuss bioinspired algorithms, the integration of AI in rehabilitation engineering, and the ethical and regulatory challenges surrounding AI-driven biomedical technologies. The session aims to highlight cutting-edge research and foster collaboration among experts in these rapidly evolving fields.

## RECOMMENDED TOPICS:

Topics to be discussed in this special session include (but are not limited to) the following:

1. **Innovation in Biomedical Instrumentation**
2. **Innovative computation using Bioinspired Algorithms**
3. **Innovation in Neuroscience**
4. **Innovative computation in Biomedical Imaging**
5. **Innovative computation in Biomechanics**
6. **Innovative computation in Surgery**
7. **Innovative computation in Wearable Health Technologies**
8. **Innovative computation in Rehabilitation Engineering**
9. **Ethical and Regulatory Issues in AI-Driven Biomedical Technologies**

## SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this special theme session on **[session name]** *on or before* **[30ᵗʰ November 2024]**. All submissions must be original and may not be under review by another publication. INTERESTED AUTHORS SHOULD CONSULT THE CONFERENCE'S GUIDELINES FOR MANUSCRIPT SUBMISSIONS at https://icicc-conf.com/paper_submission. All submitted papers will be reviewed on a double-blind, peer review basis.

**NOTE:** While submitting paper in this special session, please specify [**Session Name**] at the top (above paper title) of the first page of your paper.

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