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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
Advanced Computational Techniques and their vital role in Healthcare Innovations.

SESSION ORGANIZERS:
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EDITORIAL BOARD: (Optional)
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SESSION DESCRIPTION:

Nowdays, Artificial intelligence (AI) technologies are increasingly prevalent in healthcare. AI innovations have the potential to transform many aspects of patient care and administrative processes. Healthcare informatics and biomedical engineering are essential to the

effectiveness of modern healthcare systems. The advancement of artificial intelligence (AI), Machine Learning, Big data and Internet of Things (IoT) technologies has significantly enhanced various healthcare applications. AI techniques have replaced human-based systems, providing accurate predictions and diagnoses for healthcare diseases. Machine learning and deep learning technologies have facilitated the development of reliable and precise healthcare models. AI is capable of addressing complex challenges within the biomedical industry and is expected to shape the future of healthcare systems. Moreover, as cybersecurity threats to healthcare and biomedical applications increase in both number and severity, AI helps providers detect vulnerabilities and respond to data breaches swiftly and with high accuracy.The main aim of this special session is to solicit original research work covering novel algorithm and innovative methods. These techniques with meaningful applications in Computational Techniques, Block chain and IOT would potentially lead to significant advances in the domain.

We invite you to submit a broad range of contributions related to latest innovations of the field.

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

- Artificial Intelligence in Healthcare systems.
- AI-based Prediction of Diseases in Medical Images.
- Machine learning for disease detection and diagnosis.
- Machine learning for pandemics detection and forecasting.
- Deep learning for health informatics and bio-medical engineering.
- Use of Internet of Things and AI in Securing Biomedical System.
- Image processing and analysis for medical images using deep learning.
- Medical Image Classification and Analytics.
- Healthcare and Medical Images Security.
- Future directions for use of AI and ML in securing healthcare applications.
- Use of Internet of Things and AI in Securing Biomedical Systems.
- Robotics in healthcare
- Telemedicine

SUBMISSION PROCEDURE:
Researchers and practitioners are invited to submit papers for this special theme session on **Advanced Computational Techniques and their vital role in Healthcare Innovations *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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