

ICDECT-2025

6th International Conference on Data Engineering and Communication Technology
(1st - 2nd December, 2025)

Bhubaneswar Engineering College (BEC), Bhubaneswar

CALL FOR SPECIAL SESSION PROPOSAL

Title: Innovating Healthcare: Building a Sustainable and Smart Society

Session Chair(s):

Dr. Benazir Neha

Assistant Professor

School of Computer Engineering

Kalinga Institute of Industrial Technology, Deemed to be University

Dr. Benazir Neha is currently serving as an Assistant Professor in the School of Computer Engineering at KIIT Deemed to be University, India. She has 8 years of teaching experience and holds a Ph. D. in Computer Science and an M.Tech. in Information Technology from Veer Surendra Sai University of Technology (VSSUT), Burla. Her areas of interest include Cloud Computing, Fog Computing and Osmotic Computing. Her research and academic contributions reflect a strong focus on emerging technologies and their applications in distributed and intelligent computing environments.

Dr. Adyasha Dash

Assistant Professor

School of Computer Engineering

Kalinga Institute of Industrial Technology, Deemed to be University

Dr. Adyasha Dash is currently serving as an Assistant Professor in the School of Computer Engineering at KIIT Deemed to be University, India. She has 8 years of teaching experience and holds a Bachelor's degree in Computer Science and Engineering from Silicon Institute of Technology, a Master's degree in the same field from Veer Surendra Sai University of Technology, Burla and Ph. D. in Computer Science and Engineering from KIIT Deemed to be University. Her areas of expertise include Data Mining, Big Data Analytics, and Natural Language Processing (NLP).



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Session Abstract:

This special session, focuses on the integration of smart healthcare solutions to enhance sustainability, accessibility, and efficiency within global healthcare systems. The session explores emerging technologies such as Artificial Intelligence (AI), the Internet of Medical Things (IoMT), telemedicine, natural language processing (NLP), blockchain, and advanced data analytics, and their role in building more resilient and future-ready healthcare infrastructures. Discussions will cover cutting-edge innovations, implementation strategies, and long-term societal benefits of smarter healthcare systems.

Topics of interest include but are not limited to:

- AI and data-driven insights for sustainable healthcare
- IoMT-enabled patient monitoring and care delivery
- Telemedicine and remote healthcare ecosystems
- NLP applications in medical services and Medicare systems
- Blockchain for secure and transparent medical data management
- Predictive modeling for healthcare resource optimization
- Policy, ethics, and governance in smart healthcare adoption

Note: Please submit your manuscript via email to manuscripts2025@gmail.com

