



3rd International Conference on Ambient Intelligence in Health Care (ICAIHC-2025)



10-11th January, 2025

Organized by:

National Institute of Technology Raipur



IEEE
MP SECTION

IEEE
Student Branch
NIT Raipur

About the Institute

NIT Raipur, formerly known as Government Engineering College Raipur, has been at the forefront of technical education in India for over five decades. Established on 14th September 1956 by President Dr. Rajendra Prasad and inaugurated by Prime Minister Pt. Jawahar Lal Nehru in 1963, the institute has played a vital role in the technological, industrial, and economic development of the region and the country. Situated in the capital of Chhattisgarh, NIT Raipur offers graduate courses in twelve engineering disciplines. NIT Raipur continues to develop world-class technology and seasoned graduates, contributing significantly to India's emergence as an industrial power. The institute is well connected with Mumbai, Delhi, and all major metro cities by regular flights and is situated on the main Howrah-Mumbai railway route. It is 5 km from the railway station and 18 km from the airport on NH-5, the GE road.

About the Conference

The 3rd International Conference on Ambient Intelligence in Health Care (ICAIHC-2025) is dedicated to exploring the application of machine learning and intelligent computing in healthcare. This event will focus on integrating intelligent systems, including interconnected devices and networks, to create sophisticated, smart, self-analyzed automated systems essential for future healthcare. Additionally, the conference will provide a platform for researchers, practitioners, and industry experts to share ideas, innovations, and lessons learned in the field. It will highlight the digital revolution's role in creating smart, integrated systems that support global economies, with discussions on developing holistic intelligent computing methodologies. By showcasing advanced applications and techniques, the conference aims to pave the way for future advancements in healthcare through intelligent systems, ultimately transforming traditional practices and improving global health outcomes.

Conference Tracks/ Topics

Papers are invited in the following areas of interest, but not limited to:

TRACK-1: Intelligent Computation in Healthcare
TRACK-2: IoMT & Edge Computing for Healthcare
TRACK-3: Computational Biology, Bioinformatics
TRACK-4: Remote Sensing, Robotics & Rehabilitation

Keynote Speakers

Our International Speakers



Dr. Sridhar
Hannenhalli

SENIOR INVESTIGATOR, NIH
CANCER DATA SCIENCE
LABORATORY,
NATIONAL CANCER
INSTITUTE, USA



Dr. Dinesh
Sharma

UNIVERSITY OF
MARYLAND EASTERN
SHORE, PRINCESS ANNE,
USA



Dr. Prateek
Prasanna

DEPARTMENT OF BIOMEDICAL
INFORMATICS, STONY BROOK
UNIVERSITY, USA

Our National Speakers



Dr. Partha Pratim
Chakraborty

FORMER DIRECTOR
IIT KHARAGPUR



Dr. Balaraman
Ravindran

DEPARTMENT OF DSAI,
IIT MADRAS



Dr. Tanmoy
Chakraborty

DEPT. OF ELECTRICAL
ENGINEERING
(COMPUTER TECHNOLOGY
GROUP), IIT DELHI

Important dates

Paper Submission Starts	30 th June, 2024
Deadline for Paper Submission	31 st August, 2024
Notification of Acceptance	15 th October, 2024
Camera Ready Paper Submission	30 th November, 2024
Registration Deadline	15 th December, 2024

All papers must be submitted online via Microsoft's CMT using the link given in the website.

Full Details of Conference are available at
<https://icaihc.nitr.ac.in>

Registration Fees

Category (Author)	IEEE members		Non-IEEE members	
	INR (GST Included)	USD (GST Included)	INR (GST Included)	USD (GST Included)
Student/Research Scholar	5500/-	\$66	6500/-	\$78
Academician	7500/-	\$90	8500/-	\$102
Industry	8500/-	\$102	9500/-	\$114

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Publications Opportunities

"All the registered and presented papers in the conference will only be submitted to IEEE for their inclusion into IEEE Explore which is Scopus indexed."

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Department of Computer Applications,
National Institute of Technology Raipur,
G.E. Road, 492010, Chhattisgarh, India



General Chair

Ronaldo Fummio Hashimoto, USP, Brazil
Pabitra Mitra, IIT Kharagpur, India
Priyanka Tripathi, NIT Raipur, India

Program Chair

Tripti Swarnkar, NIT Raipur, India
Debdoot Sheet, IIT Kharagpur, India

Organizing Chair

Harendra Bikrol, NIT Raipur, India
Shyam Sundar, NIT Raipur, India