



# 3<sup>rd</sup> International Conference on Ambient Intelligence in Health Care (ICAIHC-2025)

10-11<sup>th</sup> January, 2025



Organized by:  
Department of Computer Applications

## National Institute of Technology Raipur



# IEEE

MP SECTION

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Student Branch

NIT Raipur

### About the Department

Department of Computer Applications is established in the year 1986 in the erstwhile Government Engineering College Raipur. In the year 2005 on the upgradation of the Institute the Department is now known as Department of Computer Applications National Institute of Technology Raipur. The department offers PG Program MCA & Ph.D Program.

### 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.

### 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.

### 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 Hannehalli

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

Deadline for Paper Submission	31 <sup>st</sup> August, 2024
Notification of Acceptance	15 <sup>th</sup> October, 2024
Camera Ready Paper Submission	30 <sup>th</sup> November, 2024
Registration Deadline	15 <sup>th</sup> December, 2024

All papers must be submitted online via Microsoft's CMT using the link:

<https://cmt3.research.microsoft.com/ICAIHC2023>

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

### Special Session by:



### Publications

"Selected Papers will be published in IEEE Xplore."



#### General Chair

Ronaldo Fummo 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