

SPARC INTERNATIONAL SYMPOSIUM ON SMART HEALTHCARE AND ROBOTICS (SHRO-2026)

NATIONAL INSTITUTE OF TECHNOLOGY
ROURKELA (INDIA)

DEPARTMENT OF COMPUTER SCIENCE &
ENGINEERING

2ND-4TH SEPTEMBER 2026

▶ HYBRID MODE

VENUE: NATIONAL INSTITUTE OF TECHNOLOGY ROURKELA, ODISHA, INDIA, 769008

CALL FOR PAPER SUBMISSION (DEADLINE : 15TH MAY 2026)

PUBLICATIONS: ACCEPTED AND PRESENTED PAPERS WILL BE
PUBLISHED (TBA)

SYMPOSIUM OBJECTIVES

The SPARC International Symposium on Smart Healthcare and Robotics (SHRO-2026) is an international forum focused on emerging research in Smart Healthcare Systems and Advanced Robotics. It brings together researchers, academicians, and industry experts to share innovations and address key challenges in healthcare engineering.

The symposium emphasizes Assistive and Wearable Robotics, Artificial Intelligence in Healthcare, Biomedical Signal Processing, and Human-Robot Interaction. Through peer-reviewed presentations and expert discussions, SHRO-2026 aims to promote interdisciplinary collaboration and support the development of intelligent, human-centered healthcare technologies.

ABOUT NIT ROURKELA

National Institute of Technology (NIT) Rourkela, an Institute of National Importance funded by the Ministry of Education, Government of India, will host this symposium. Nestled in the vibrant Steel City of Rourkela, the campus is renowned for its scenic beauty and advanced research infrastructure. NIT Rourkela has earned recognition globally, being ranked 601-800 worldwide by the Times Higher Education World University Rankings 2025 and 219 in the QS Asia University Rankings. Nationally, it has been placed 13th in Engineering, 34th Overall in the NIRF 2025 rankings.

IMPORTANT DATES

Last date of Full Paper Submission:	15th May, 2026
Full paper Acceptance Notification:	30th June, 2026
Last date of Camera-Ready submission:	15th July, 2026
Last date of Registration:	30th July, 2026
Symposium:	2nd-4th September, 2026

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www.sparc-share2026.in



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NATIONAL INSTITUTE OF TECHNOLOGY ROURKELA (INDIA)



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SYMPOSIUM TRACKS

- **Wearable Robotics and Assistive Systems**

Sub-area: Human-Robot Interaction (HRI)

- **Computer Vision in Healthcare and Rehabilitation**

Sub-area: AI for Smart Healthcare

- **Smart Rehabilitation and Telehealth Technologies**

Sub-area: Edge AI and Embedded Systems for Medical Applications

- **Healthcare Data Analytics, Privacy, and Security**

Sub-area: Privacy, Security, and Ethical Considerations in Wearable and AI-Driven Systems

REGISTRATION FEE

Indian Participants:

1. Academicians : ₹ 2000

2. Industry Personnel : ₹ 4000

3. Students : ₹ 1000

4. Attendees / Co-Authors : ₹ 500

International Participants:

1. General : USD 150

2. SAARC Countries : USD 100

IMPORTANT INFORMATION

- Registration fee is inclusive of GST.
- Meals during the conference are included.
- Accommodation is not included.
- On-campus accommodation may be arranged on a payment basis, subject to availability.
- No TA/DA will be provided to participants.

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