SPARC INTERNATIONAL SYMPOSIUM ON QUANTUM COMPUTING AND APPLICATIONS
(SPARC-QC 2026)
NATIONAL INSTITUTE OF TECHNOLOGY ROURKELA (INDIA)
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
20th-21st Feb 2026 (Hybrid)

CALL FOR ABSTRACT SUBMISSION (DEADLINE TILL 15th NOVEMBER 2025)

Publications: Accepted and presented papers will be published in Symposium proceeding. Extended version of the paper **MAY BE** considered for publication in Springer.

Symposium Objectives

The SPARC International Symposium on Quantum Computing and Applications (SPARC-QC 2025), aspires to serve as a leading global platform for researchers, academics, professionals, and industry experts to converge and exchange knowledge in the rapidly evolving field of quantum computing. The symposium will foster interdisciplinary dialogue and collaboration across quantum hardware, quantum algorithms, quantum error correction, software stacks, hybrid quantum–classical systems, quantum communications, and emerging applications in domains such as cryptography, optimization, materials science, and artificial intelligence.

Quantum computing has the potential to revolutionize the way we approach complex computational problems, enabling breakthroughs that are beyond the reach of classical systems. This symposium aims to unveil pioneering research, stimulate innovation, and encourage translational efforts that can accelerate the practical realization of quantum technologies. Discussions at SPARC-QC 2025 will bring together thought leaders and participants, leading to tangible contributions toward advancing the state of the art and shaping the future of quantum-enabled applications.

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 2024 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 Abstract Submission:	15th Nov, 2025
Abstract Acceptance Notification:	30th Nov, 2025
Last date of Full paper Submission:	15th Dec, 2025
Full paper Acceptance Notification:	31st Dec, 2025
Last date of Camera-Ready submission:	10th Jan, 2026
Last date of Registration:	15th Jan, 2026
Symposium:	**20th - 21st Feb, 2026**

Submission Link :
https://cmt3.research.microsoft.com/SPARCQC2026/Submission/Index

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Committee

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Symposium Tracks

- Quantum Algorithms & Complexity
- Quantum Hardware & Devices
- Error Correction & Fault Tolerance
- Quantum Communication & Networks
- Hybrid Quantum–Classical Systems
- Applications of Quantum Computing
- Quantum Security & Cryptography
- Emerging Quantum Technologies

Registration Fee

Indian Participants:
1. Academicians : ₹ 4000
2. Industry Personnel : ₹ 8000
3. Students : ₹ 3000
4. Attendees / Co-Authors : ₹ 2500

International Participants:
1. General : USD 200
2. SAARC Countries : USD 150

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.

Contact Details:
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VENUE:
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