



ASSOCIATION OF ALL COMPUTER SCIENCE TEACHERS (AACST)

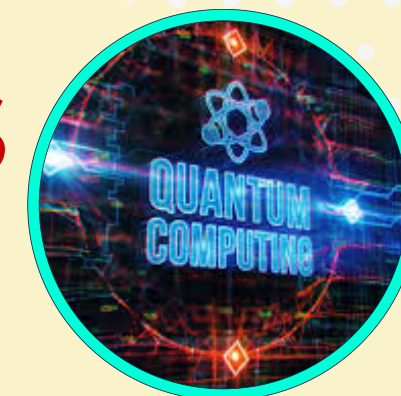
कॉम्प्यूटर विज्ञान शिक्षक संघ [Reg. No: Nagpur/0000492/2023]

September 2023

ONLINE WORKSHOP

QUANTUM QUEST: PRINCIPLES, SECURITY AND APPLICATIONS

Join us for an exhilarating journey into the world of Quantum Computing!



11th to 14th & 16th August 2025 (5 DAYS)



6:30 TO 8:00 P.M

REGISTRATION

As the world moves closer to the quantum era, understanding the role of quantum computing in next-generation computing, communication, security and applications has become essential. This cutting-edge workshop, "Quantum Quest: Principles, Security and Applications" is designed to offer insights into quantum computing principles, quantum gates and circuits, quantum algorithms, quantum cryptographic protocols, and applications of emerging quantum-enabled technologies.

Early Bird Registration & AACST members
(upto 31st July 2025) : **Rs. 400/-** per
participant

(From 1st August 2025 to 10th August 2025)
Rs. 500/- per participant

Secure your spot now and be part of the quantum revolution!

Resource Persons



Dr. Praveen Parthasarathi



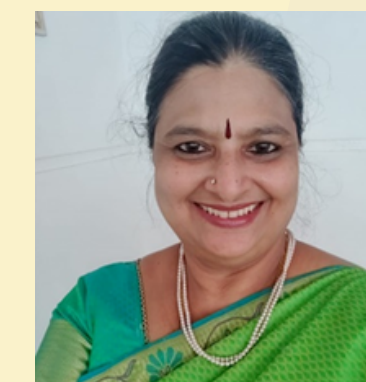
Dr. H Aswathaman



Dr. S Kathiresan



Dr. Abha Khandelwal



Dr. Chitra Ravi

Course Highlights

- Sessions led by expert faculty members
- Exploration of cutting-edge technology
- Hands-on experience with Quantum computing tools
- Course completion certificate

Scan to Pay



Scan to Register



Mentor: Dr. Abha Khandelwal, Founder, AACST

Workshop Convener: Dr. Chitra Ravi, Director Academics,
Department of Computer Science, Maharani Lakshmi Ammanni
College for Women Autonomous, Bangalore & Research Director,
Cybersena (R&D) India Pvt. Ltd., Bangalore

Target Audience: Students/Faculty members/Research scholars/Educators/Professionals

Schedule

Session No.	Date/Day/Time	Topic	Resource person
Session 1	11-08-2025 (Monday) 6:30 to 8:00 pm	Foundational principles of Quantum computing	Dr. Praveen Parthasarathi, Dr. HN National College of Engineering, Bangalore
Session 2	12-08-2025 (Tuesday) 6:30 to 8:00 pm	Quantum Gates and Circuits	Dr. H. Aswathaman, Department of Physics, Sapthagiri University, Bangalore
Session 3	13-08-2025 (Wednesday) 6:30 to 8:00 pm	Quantum Algorithms	Dr. S. Kathiresan, Group Director and Scientist (Retd.) DRDO
Session 4	14-08-2025 (Thursday) 6:30 to 8:00 pm	QKD Protocols: BB84, E91, and India's Indigenous Systems (DRDO & IIT Delhi)	Dr. Abha Khandelwal, Retd. Head Department of Computer Science, Hislop College, Nagpur & Founder Director, AACST
Session 5	16-08-2025 (Saturday) 6:30 to 8:00 pm	Application areas of Quantum Computing	Dr. Chitra Ravi Director Academics, Dept. of Computer Science, Maharani Lakshmi Ammanni College for Women Autonomous, Bangalore & AACST Bangalore Unit Event Coordinator