ABOUT THE WORKSHOP

The workshop on "Quantum Technology for Next-Generation Smart Cities & Intelligent Mobility Applications" aims to explore the transformative potential of quantum computing, communication, and sensing technologies in revolutionizing urban infrastructure and intelligent transportation systems. Conducted under the prestigious ATAL Vaani scheme, this workshop will bring together academicians, researchers, industry experts, and policy-makers to foster knowledge exchange and interdisciplinary collaboration.

With the exponential rise in urbanization and the growing demand for smart, sustainable, and secure city ecosystems, quantum technologies offer groundbreaking solutions for real-time traffic optimization, secure communication networks, energy-efficient systems, intelligent mobility, and more. This workshop will delve into how quantum principles can be harnessed to address complex urban challenges through advanced algorithms, quantum-enhanced AI models, and secure data transmission mechanisms.

RESOURCE PERSONS

| **Mr. Rahul Kishan,** Sales force, Bangalore

| **Dr. Bhalaji Natarajan,**
IITM Pravartak Technologies Foundation

| **Mr. Arun Munusamy,** Genpact, Bangalore

| **Dr. E. Suganya,** SSN College of Engineering

| **Mr. Henry Sukumar,** CDAC, Bangalore

| **Mr. Abilash Rajasekaran,** Google, Bangalore

IMPORTANT DATES

20/08/2025 | Last date for receipt of applications
27/08/2025 | Intimation of Selection
05/09/2025 | Confirmation by Participants

FOR REGISTERATION

https://atalacademy.aicte.gov.in

No Registration Fee

Faculty, Research Scholars and Post Graduate students from AICTE approved Engineering Colleges/ Universities and industries are eligible to attend the seminar.

All Communications may be addressed to

Coordinator
Dr. S. Sountharrajan
+91 97860 66776   s_sountharrajan@ch.amrita.edu

Co-Coordinator
Dr. G. Anitha
+91 90039 21097   g_anitha@ch.amrita.edu

AICTE-VAANI SPONSORED
THREE–DAY WORKSHOP

HPC & Quantum Technology
for Next-Generation Smart Cities & Intelligent Mobility Applications

24-26 | SEPT 2025

Organized by

Coordinator
Dr. S. Sountharrajan, Associate Professor
Amrita School of Computing

Co-Coordinator
Dr. G. Anitha, Assistant Professor (Sl. Gr)
Amrita School of Computing

Amrita Vishwa Vidyapeetham

Amrita Vishwa Vidyapeetham is a multi-disciplinary, research-intensive, private university, educating a vibrant student population of over 24,000 by 1700+ strong faculty. Accredited with the highest possible 'A++' grade by NAAC, 7th India University Ranking by NIRF. Amrita offers more than 250 UG, PG, and Ph.D. programs in Engineering, Management, and Medical Sciences including Ayurveda, Life Sciences, Physical Sciences, Agriculture Sciences, Arts & Humanities, and Social & Behavioral Sciences.

ABOUT THE DEPARTMENT

Amrita Vishwa Vidyapeetham. The School of Computing at the Chennai Campus aims to attract the best engineering aspirants and research scholars across the country. Currently the School offers undergraduate program, Bachelor of Technology (B. Tech.) in Computer Science and Engineering, Computer Science and Engineering (Artificial Intelligence) and Computer Science and Engineering (Cyber Security). Experienced and highly qualified faculties facilitate the students to achieve a high level knowledge and skills on recent trends in computing.

AICTE-VAANI SPONSORED

THREE–DAY WORKSHOP

HPC & Quantum Technology

for Next-Generation Smart Cities & Intelligent Mobility Applications

Application Form

Name: _____

Designation: _____

Department: _____

Address: _____

_____

Phone No.: _____

Email ID: _____

Academic Qualification: _____

Professional Experience: _____

Need Accommodation: ◯ Yes ◯ No

Signature of the applicant

Certificate

This is to certify that he/she .... is an employee of our institute and is permitted to attend the AICTE-VAANI Workshop on "HPC and Quantum Technology for Next-Generation Smart Cities & Intelligent Mobility Applications" during 24.09.2025 to 26.09.2025.

Signature
Head of the Department

Note: This registration form may be photocopied for additional requirement