

Important Information

Two days workshop is open to all research scholars, postgraduate students and faculty members working in the relevant area of discipline in AICTE approved institutions (Engineering colleges & Polytechnic colleges) and Industry Professionals in offline mode.

- Refreshments and lunch will be provided for both days
- Accomodation should be taken care by the participants.

RESOURCE PERSON



Dr. Jayakumar Vaithiyashankar
IBM Educator
IBM Qiskit Advocate
Bangalore, Karnataka



Mr. Sayanthan Pramanik
Quantum Research Engineer
Tata Consultancy Service
Bangalore, Karnataka

FOR QUERIES CONTACT

Dr.S.Gayathri Devi : 99445 61345
Dr.M.Srividya : 98651 89542
Dr.M.Marimuthu : 98940 62167

Registration Fee

- Research Scholars / Students : Rs.500
- Faculty : Rs.750
- Industry Professionals : Rs.1000

Payment Details

Account Name : Training and Consultancy
Bank : Indian Bank
Account Name : 6717786188
Branch : Peelamedu
IFSC Code : IDIB000S107

Registration Link

<https://forms.gle/QYvchocc3dyqZCL78>

Scan QR

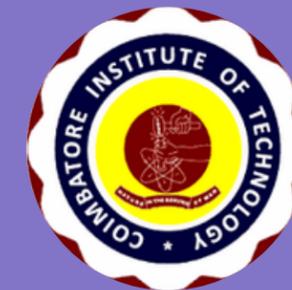


Certificate

Certificate will be provided to all the participants having attendance of 90% minimum .

Important Dates

Last Date for registration : 1-3-2024
Intimation of Selection : 4-3-2024



TWO DAYS WORKSHOP ON PRINCIPLES OF QUANTUM MACHINE LEARNING

March 7th and 8th, 2024



Organized by
Department of Computing - Data Science

Coimbatore Institute of Technology
Coimbatore-641014

www.cit.edu.in

Phone: 0422-2574071 , 2574072

Fax: 04222575020

ABOUT THE INSTITUTE

Coimbatore Institute of Technology (CIT) started in 1956 by Shri.V.Rangasamy Naidu is reckoned for its academic excellence in Engineering and Technology. CIT is a Government Aided Autonomous Institution affiliated to Anna University, Chennai.

The institute has a reputation with the service of competent, well qualified faculty members and dynamic management to set highest standard in Engineering, Research and Development. CIT offers undergraduate, , postgraduate and Ph.D. programmes with a global standard curriculum promoting the students to compete internationally.

The Institute has collaboration with leading frontier university and Industry in India and abroad for the promotion of innovative research and development, National Institutional Ranking Framework (NIRF), MHRD, Government of India has ranked CIT with 1st place in Tamil Nadu for Graduate Outcome.

ABOUT THE DEPARTMENT

Department of Computing endeavors to make the students, world class software engineers, Data Scientist, Decision Makers, and AI Scientists with prudence of pioneering the solutions to the challenges of the nation and the world.

The Department of Data Science offers an extension curriculum covering a wide range of Machine Learning and Deep Learning topics, providing students with ample opportunities to excel in Artificial Intelligence and Machine Learning subfields.

ABOUT THE WORKSHOP

Quantum Machine Learning(QML) is an interdisciplinary field that combines concepts from quantum physics with Machine Learning. It aims to create algorithms that leverage the processing power of quantum computers to address specific problems more effectively than classical computers. Quantum Machine Learning holds promise for solving complex problems by harnessing the power of quantum computation. This workshop provides insight into emerging fields of Quantum and Machine Learning.

WORKSHOP OUTCOMES

The workshop aimed to bridge the gap between academia and industry in QML. The outcomes include increased awareness of QML's potential, exploration of practical applications, networking opportunities, identification of challenges and skill development for attendees. Ultimately, it sought to foster collaboration and accelerate innovation in the integration of QML into real-world scenarios.

WORKSHOP CONTENT

- Introduction to Quantum Computing
- QML in Life Science
- Simulation Tools
- Implementation of QML Algorithms
- Discussion on Real World Applications

ORGANIZING COMMITTEE

CHIEF PATRON

Shri S. Rajiv Rangasami

Correspondent, CIT Institutions, Coimbatore

PATRONS

Mrs. K. Divya Mohana Rajiv

Coordinator, CIT Institutions, Coimbatore

Dr. R. Prabhakar

Secretary, CIT Institutions, Coimbatore

Dr. V. Selladurai

Advisor, CIT Institutions, Coimbatore

PRESIDENT

Dr. A. Rajeswari

Principal,

Coimbatore Institute of Technology, Coimbatore

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Dean - Computing,

Coimbatore Institute of Technology, Coimbatore

Dr. S. Suganthi

Professor & Head

Department of Computing - Data Science

Coimbatore Institute of Technology, Coimbatore

CO-ORDINATORS

• Dr. S. Gayathri Devi

• Dr. M. Srividya

• Dr. M. Marimuthu

Assistant Professor(s)

Department of Computing - Data Science

Coimbatore Institute of Technology, Coimbatore