

ELIGIBILITY

Faculty members / Research Scholars / PG Students / Working Professionals are eligible to participate. The number of participants is limited to 50. There is no course fee. Selection of the participants will be based on a first come first serve basis.

REGISTRATION

- No objection certificate (NOC) from sponsoring institute duly signed by Head of the sponsoring institute is compulsory.
- The Number of Seats are limited, and seats will be allotted on a first come first serve basis.
- The registration is free; however, the prospective participants need to complete the registration process at ATAL portal: <https://atalacademy.aicte-india.org/login>
- Last Date of Registration: 2nd July, 2025.

TEST & EVALUATION

On the last day of the program, a test will be conducted to assess the understanding of the participants gained from the sessions and the article readings. Participants need to qualify in test. Attendance in all sessions and during industrial visit is compulsory to get eligible for certificate.

CONFIRMATION

The selected participants will receive notification via email registered with the ATAL portal. The FDP will be conducted entirely in an offline mode. Accommodation details will be available upon request for participants.

EXPERT DETAILS

Dr Kamakshi Prasad

Professor in CSE, Director R&D, JNTUH, Hyderabad

Dr C R Rao

Professor (Retd. From HCU), Director R&D, VBIT, Hyderabad.

Dr Raghavendra Kune

Scientist, ADRIN, Hyderabad

Mr. Uma Maheswar Desuy

CEO, GENAI PIONEER

Dr S Venkata Raman

Director, Dr CRRAO AIMSCS, Hyderabad

Dr Kannan Srinathan

Asso. Prof., IIIT Hyderabad

Dr. Indranil Chakrabarty

Department of CSE, IIITDM Kurnool

CONTACT

Prof. T V RAJINI KANTH

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AICTE Training and Learning (ATAL) Academy One-Week Faculty Development Programme (FDP)

On

Quantum Computing: Foundations and Applications

7th July – 12th July 2025



Organized By
Department of Emerging Technologies



MAHATMA GANDHI
INSTITUTE OF TECHNOLOGY (Autonomous)
Kokapet(Village), Gandipet, Hyderabad, Telangana – 500075. www.mgit.ac.in

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About CBES

CBES was established in 1979 by an erudite and eminent group of trail blazers. The primary objective of this Educational Society is to create temples of knowledge. The atmosphere is conducive for imparting essential technical & wide gamut of requisite skills that groom students into responsible global citizens, ready for success. The institution named after the father of the nation lays great emphasis on value-based education. The campus is bustling with activities, assiduously supported by the management.

About Institution

Mahatma Gandhi Institute of Technology is one of the premier Engineering Colleges in the self-financing category in the state of Telangana. MGIT is affiliated to Jawaharlal Nehru Technological University, Hyderabad. The institute has recently received accreditation for 3 years for all 8 B Tech Programs from National Board of Accreditation, New Delhi. The institute is also accredited by NAAC with an 'A++' grade. Mahatma Gandhi Institute of Technology (MGIT) was established by the Chaitanya Bharathi Educational Society (CBES) in a serene and tranquil atmosphere at Gandipet, Hyderabad and has grown rapidly since its inception in 1997. The lush green campus of MGIT is spread over 30 acres of pleasant landscape with a constructed area of 2,50,787 sq ft. In a recent development, MGIT is honoured to be conferred with the autonomous status by University Grants Commission (UGC), New Delhi. The college offers courses in 11 Undergraduate Programs (Computer Science, Information & Communication, Mechatronics', Metallurgical & Materials Engineering, Civil Engineering and Mechanical Engineering, Computer Science and Business System, Computer Science and Engineering (Artificial Intelligence and Machine Learning) and Computer Science and Engineering (Data Science).

ABOUT DEPARTMENT

MGIT's Emerging Technologies department is a centre of scholarly excellence housing 22 dedicated faculty members at different stages of their research endeavour; with two focused branches – Computer Science and Engineering in Artificial Intelligence and Machine Learning, and Computer Science and Engineering in Data Science to prioritize cutting-edge education. Our commitment to staying at the forefront is evident in our B.Tech programs launched in 2020, each with an intake of 60 students. These programs offer a robust foundation in Computer Science and hands-on experiences, preparing students for real-world challenges in the dynamic fields of AI&ML, and Data Science.

OBJECTIVES

- To deliver a comprehensive exploration of Quantum Concepts.
- To integrate Quantum Concepts into Curriculum of undergraduate courses/Postgraduate programs.
- To enable practical laboratory experiences with quantum techniques.
- To empower participants with the requisite knowledge, skills, and tools in the Indian context.
- To focus on quantum-enabled intelligence in computing and communication.

ATTENDANCE

It is mandatory for each participant to attend all the sessions of FDP, including the article discussion sessions and journal reflection session. Industrial visit will be conducted as per the schedule. It is mandatory for all the participants to be a part of the industrial visit.

ADVISORY COMMITTEE

Prof. G. ChandraMohan Reddy

Principal, MGIT

Dr. K. Sudhakar Reddy

Vice-Principal, MGIT

Prof. C R K Reddy

Professor & Head, Dept. of CSE, MGIT

Dr. D. VIJAYA LAKSHMI

Professor & Head, Dept. of IT, MGIT

Dr M Rama Bai

Professor & Head, Dept. of ET, MGIT

ORGANIZING COMMITTEE

Coordinator:

Dr T V RAJINI KANTH

Co-coordinator:

Ms J Sreedevi

Organizers:

Dr B. Yadaiah

Mr. Mallela Srikanth