



ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES

(AUTONOMOUS)

UTUKUR (P), C. K. DINNE (V&M), KADAPA, YSR DIST.

Approved by AICTE, New Delhi & Affiliated to JNTUA, Anantapuramu.

Approved by S.B.T.E.T. Andhra Pradesh.

Accredited by NAAC with 'A' Grade, Bangalore & NBA (EEE, ECE & CSE).



REPORT ON

Five Day Faculty Development Programme on

"Frontiers of Quantum Computing Innovations and Applications in Contemporary Science and Engineering"

From 03-11-2025 To 07-11-2025

About AITS

Annamacharya Institute of Technology and Sciences was founded by Annamacharya Educational Trust in the year 2010, Kadapa. The ambition, goal and noble vision of the founder, Dr .C.Gangi Reddy, have been the driving force behind the trust.

Dr.C. Gangi Reddy strongly believes that the success of an institution hinges on its potential to constantly inspire confidence through its faculty and sophisticated facilities.

Excellent faculty group, outstanding learning ambience and infrastructure, well-appointed residential facilities help students stay focused in constructive learning.

The Institution is Accredited by NAAC with an 'A' Grade and has been Granted AUTONOMOUS Status by the Accreditation body in the Year of 2022.

About CSE Department

The Department was established in the year 2010, offering Undergraduate (UG) programs initially, and introduced Postgraduate (PG) programs in 2011. The Department boasts excellent infrastructure and highly qualified teaching faculty, ensuring quality education and a bright future for its students. The Computer Science and Engineering (CSE) program was successfully accredited by the NBA in the year 2024.

OUR VISION

To emerge into excellence and premier institute, transforming individuals into highly enlightened professionals enriched with innovative skills entwined with intellectual, ethical and human values.

OUR MISSION

To Impart quality technical education to enhance knowledge and skills towards employability, higher education and research.

Chairman

Sri.C. Gangi Reddy
Hon'ble Secretary
Annamacharya Educational Trust

Chief Patrons

Sri. C. Yella Reddy

Vice-Chairman

Annamacharya Educational Trust
Sri. C. Abhishek Reddy
Executive Director & Treasurer
Annamacharya Educational Trust

Patron

Dr. A. Sudhakara Reddy
Principal, AITS, Kadapa

Program Convener

Dr. C. Venkata Subbaiah
HOD, CSE, AITS, Kadapa.

Program Co-ordinators

Mr P. Chandra Sekhar
Assistant Professor

Mrs C.Nancy
Assistant Professor

Program Organizers

Mrs P. Chaitanya
Assistant Professor

Mrs M.Jyoshna
Assistant Professor

Mrs C.Nikitha
Assistant Professor

Mr S.Mohammad Jabeer
Assistant Professor

Mr S.Mahammed Haneef
Assistant Professor

FIVE DAYS FACULTY DEVELOPMENT PROGRAMME

ON

Frontiers of Quantum Computing Innovations and Applications in Contemporary Science and Engineering



03-11-2025 to 07-11-2025

Organized by

DEPARTMENT OF CSE



ANNAMACHARYA



(AUTONOMOUS)

INSTITUTE OF TECHNOLOGY AND SCIENCES

UTUKUR(P),C.K.DINNE(V&M),KADAPA DIST,AP

PH: 960399591,960399592

Resource Persons

Dr. Damodharan D
Assistant Professor,
Department of CSE
Dayananda Sagar University

Dr. Suresh Kallam
Professor
JAIN (Deemed to be University)

Dr. Rizwan Patan
Associate Professor
Sharada University NCR Delhi.

Dr. S. Kusuma
Head of the Department
CSE(Data Science)
MITS University

Mr. M.P. Karthikeyan,
Assistant Professor,
Department of CS & IT,
JAIN (Deemed to be University)

Registration

No Registration Fee
Faculty / Ph. D Scholars of
Computer Science &
Engineering / All disciplines
are eligible to attend the
program.

Focus Areas

Session Timings: 02:00 PM - 04:00 PM

Day 1: MON (03-11-2025)

Quantum Computing: The Next Frontier in
Computation

Day 2: TUE (04-11-2025)

Quantum Computing: An Applied
Approach

Day 3: WED (05-11-2025)

Quantum Computing for Everyone

Day 4: THU (06-11-2025)

Quantum Machine Learning: The Next
Leap in AI

Day 5: FRI (07-11-2025)

Exploring Quantum Computing: Simulation
Tools and Fundamental Algorithms

HOW TO APPLY?

Interested candidates can Apply online by
clicking below link
REGISTRATION LINK:

<https://forms.gle/z9z4sgMDn68BCbgr86>

Participants can enroll
for the FDP through
online registration.

The Five Days FDP would be Online.

About FDP:

The Department of CSE, AITS Kadapa, is organizing a Five-Day FDP on "Frontiers of Quantum Computing: Innovations and Applications in Contemporary Science and Engineering." This programme aims to provide insights into the fundamentals, innovations, and applications-empowering participants to enhance their Knowledge, Research, and Teaching in this emerging field.

Objective:

The FDP Aims to give Participants a clear understanding of the basics and latest developments in Quantum Computing. It focuses on how quantum technologies are shaping modern Science & Engineering, and helps Faculty and researchers learn how to apply these concepts in Teaching and Research.

Outcome:

Participants will understand the fundamental principles of Quantum mechanics related to Quantum Computation and information. They will be able to analyze the architecture, algorithms, and computational models of quantum systems, and explore the latest developments in Quantum Hardware, Software, and Simulation tools.

Important Dates:

Last date for registration : 01-11-2025
Program duration : 03-11-25 to 07-11-25

Participation Certificate:

Certificates will be issued based on the attendance percentage, Test Score and submission of Feedback

Organized & submitted by: Dr.C.V. Subbaiah, HOD/ CSE.

Co-coordinator: Mr P. Chandra Sekhar, Assistant Professor

Mrs C.Nancy, Assistant Professor

Program Organizers: Mrs P.Chaitanya, Assistant Professor

Mrs M.Jyoshna, Assistant Professor

Mrs C.Nikitha, Assistant Professor

Mr S.Mohammad Jabeer, Assistant Professor

Mr S.Mohammad Haneef, Assistant Professor

Resource persons:

Date: 03-11-2025

Day 1: Dr. Damodharan, D Assistant Professor, Dayananda Sagar University,Bengaluru.

Date: 04-11-2025

Day 2: Dr. Suresh Kallam, Professor Jain(Deemed to be University),Bengaluru

Date: 05-11-2025

Day 3: Dr. Rizwan Patan, Associate Professor Sharada University, NCR Delhi.

Date: 06-11-2025

Day 4: Dr. S. Kusuma, Assistant Professsor MITS University, Madanapalle.

Date: 07-11-2025

Day 5: Mr. M.P.Karthikeyan ,Assistant Professor, JAIN (Deemed to be University), Bangalore.

Mode of conduct: Virtual

Total Participants: 300+ Faculties from various institutions.

About the FDP:

The Department of CSE, AITS Kadapa, is organizing a Five-Day FDP on “Frontiers of Quantum Computing: Innovations and Applications in Contemporary Science and Engineering.” This programme aims to provide insights into the fundamentals, innovations, and applications- empowering participants to enhance their Knowledge, Research, and Teaching in emerging field.

Inaugural Session:

The Department of Computer Science & Engineering successfully hosted a Five day Faculty Development Programme titled " Frontiers of Quantum Computing Innovations and Applications in Contemporary Science and Engineering" from November 03 to November 07, 2025. This esteemed initiative was executed through an online platform, drawing a remarkable attendance of 300 participants nationwide. The Faculty Development Programme commenced at 02:00 PM on Novrmber 03. Dr.C.V.Subbaiah , Convenor has given the opening remarks about the FDP program and Welcomed Principal Sir, Head of the Institution, Chief guest and Resource person and all the external participants and highlighted the institute achievements and facilities. Totally we received 100 registrations from various institutions.

Dr. A. Sudhakara Reddy, Principal, graced the occasion with a felicitation address, adding an impression of significance to the event. His presence and spoken words brought gravitas to the proceedings. Dr. . A. Sudhakara Reddy extended his best wishes to all participants, advise them to actively participate in the FDP and embrace new knowledge and insights. Following the Principal's speech, P.Chandra Sekar,Assistant Professor, extended a cordial and insightful welcome to all attendees. In his address,he highlighted the program's importance of Quantum Technologies are shaping modern Science & Engineering in the current environment.

Day 1: 03-11-2025 - Dr.Damodharan.D, Assistant Professor, Dayananda Sagar University, Bengaluru.

Dr. Damodharan .D delivered talk in the title of Quantum Computing: The Next Frontier in Computation and He discussed about the Classical computer is replaced by Quantum computer, and quantum gates. His lecture was very informative to the participants and given more insights on Quantum computing.

About AITS

Annamacharya Institute of Technology and Sciences was founded by Annamacharya Educational Trust in the year 2010, Kadapa. The ambition, goal and noble vision of the founder, Dr .C.Gangi Reddy, have been the driving force behind the trust.

Dr.C. Gangi Reddy strongly believes that the success of an institution hinges on its potential to constantly inspire confidence through its faculty and sophisticated facilities.

Excellent faculty group, outstanding learning ambience and infrastructure, well-appointed residential facilities help students stay focused in constructive learning.

The Institution is Accredited by NAAC with an 'A' Grade and has been Granted AUTONOMOUS Status by the Accreditation body in the Year of 2022.

About CSE Department

The Department was established in the year 2010, offering Undergraduate (UG) programs initially, and introduced Postgraduate (PG) programs in 2011. The Department boasts excellent infrastructure and highly qualified teaching faculty, ensuring quality education and a bright future for its students. The Computer Science and Engineering (CSE) program was successfully accredited by the NBA in the year 2024.

OUR VISION

To emerge into excellence and premier institute, transforming individuals into highly enlightened professionals enriched with innovative skills entwined with intellectual, ethical and human values.

OUR MISSION

To Impart quality technical education to enhance knowledge and skills towards employability, higher education and research.

Chairman

Sri.C. Gangi Reddy
Hon'ble Secretary
Annamacharya Educational Trust

Chief Patrons

Sri. C. Yella Reddy
Vice-Chairman
Annamacharya Educational Trust

Executive Director & Treasurer

Sri. C. Abhishek Reddy
Annamacharya Educational Trust

Patron

Dr. A. Sudhakar Reddy
Principal, AITS, Kadapa

Program Convener

Dr. C. Venkata Subbaiah
HOD, CSE, AITS, Kadapa.

Program Co-ordinators

Mr P. Chandra Sekhar
Assistant Professor

Mrs C. Nancy
Assistant Professor

Program Organizers

Mrs P. Chaitanya
Assistant Professor

Mrs M.Jyoshna
Assistant Professor

Mrs C.Nikitha
Assistant Professor

Mr S.Mohammad Jabeer
Assistant Professor

Mr S.Mahammed Haneef
Assistant Professor

FIVE DAYS FACULTY DEVELOPMENT PROGRAMME ON

Frontiers of Quantum Computing

Innovations and Applications in Contemporary Science and Engineering



03-11-2025 to 07-11-2025

Organized by
DEPARTMENT OF CSE



ANNAMACHARYA
(AUTONOMOUS)
INSTITUTE OF TECHNOLOGY AND SCIENCES
UTUKUR(P),C.K.DINNE(V&M),KADAPA DIST,AP
PH: 9603999591,9603999592



C.Venkata Subbaiah



Day1 FDP Damodharan D



Principal, AITS Kadapa



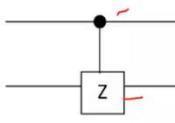
P.CHAN... +232

Controlled Z Gate:

In Controlled Z Gate, The operation of Z Gate is controlled by a Control Qubit. If the control Qubit is $|A\rangle = |1\rangle$ then only the Z gate transforms the Target Qubit $|B\rangle$ as per the Pauli-Z operation. The action of Controlled Z-Gate could be specified by a matrix as follows.

The controlled z gate representation as follows

$$\text{Controlled Z gate} = \begin{bmatrix} 1 & 0 & 0 & 0 \\ 0 & 1 & 0 & 0 \\ 0 & 0 & 1 & 0 \\ 0 & 0 & 0 & -1 \end{bmatrix}$$



Action of controlled Z gate is

- ix) Operation of the Gate for input $|00\rangle$: $|00\rangle \rightarrow |00\rangle$
Control qubit is $|0\rangle$, Z gate remains unchanged.
- x) Operation of the Gate for input $|01\rangle$: $|01\rangle \rightarrow |01\rangle$
Control qubit is $|0\rangle$, Z gate remains unchanged.
- xi) Operation of the Gate for input $|10\rangle$: $|10\rangle \rightarrow |10\rangle$
Control qubit is $|1\rangle$, Z gate remains unchanged.
- xii) Operation of the Gate for input $|11\rangle$: $|11\rangle \rightarrow -|11\rangle$
Control qubit is $|1\rangle$, Z gate flips the state from $|1\rangle$ to $-|1\rangle$.

Truth table of the controlled Z gate

Input	Output
$ 00\rangle$	$ 00\rangle$
$ 01\rangle$	$ 01\rangle$
$ 10\rangle$	$ 10\rangle$
$ 11\rangle$	$- 11\rangle$



Day 2: 04-11-2025 - Dr. Suresh Kallam, Professor, Jain (Deemed to be University), Bengaluru

Dr. Suresh Kallam delivered talk in the title of “Quantum Computing: An Applied Approach” and He discussed about the Quantum history, operation, data sets and their algorithms. He explained about the Quantum applications and hardware implementation .

The slide illustrates the quantum computing workflow and hardware. On the left, a diagram shows a 'Classical computer' sending a 'Program' to a 'Quantum computer controller', which sends 'Commands (gates)' to a 'Quantum register'. The register returns 'Measurement results' to the controller, which then sends 'Results' back to the classical computer. Below this, a 'cloud' icon connects to a server rack representing the quantum hardware.

The main diagram, titled 'How does a quantum computer work?', shows a vertical stack of components: 'Memory (Circuits)', 'Control Processor (Josephson Junction Logic)', and 'Quantum Substrate (Superconducting Qubit)'. It also indicates 'Low density Interconnects' and 'High Density Superconducting Control Wires'.

The workflow at the bottom is: 'Submit a job' → 'Job Queue' → 'Translate Quantum Circuit to Microwave Pulses' → 'Execute on Quantum Computer' → 'Measurement Results'.

Text on the right: 'The flow of submitting a job from a classical computer to a quantum computer, executing the job, and returning quantum measurement results to the classical computer.'

Participants listed on the right: Dr. VENKATESWARULU N..., jyoshna..., P CHAN..., KR KAVVA..., S SREENIV..., SK suresh k, PP Prasanth..., kunal pa..., DS DHARA..., Dr Naik, CJ Cholleti..., S Sumitha, +232.

The Deutsch–Jozsa algorithm

- Deutsch’s algorithm is a simple case of a more general quantum algorithm, which we shall refer to as the Deutsch–Jozsa algorithm. The application, known as *Deutsch’s problem*, may be described as the following game. Alice, in Amsterdam, selects a number x from 0 to $2n - 1$, and mails it in a letter to Bob, in Boston. Bob calculates some function $f(x)$ and replies with the result, which is either 0 or 1 . Now, Bob has promised to use a function f which is of one of two kinds; either $f(x)$ is *constant* for all values of x , or else $f(x)$ is *balanced*, that is, equal to 1 for exactly half of all the possible x , and 0 for the other half. Alice’s goal is to determine with certainty whether Bob has chosen a constant or a balanced function, corresponding with him as little as possible. How fast can she succeed?

Participants listed on the right: Dr. VENKATESWARULU N..., kunal pa..., P CHAN..., KR KAVVA..., S SREENIV..., SK suresh k, Dr Naik, PP Prasanth..., CJ Cholleti..., S Sumitha, SV Sarikond..., jyoshna..., +252.

Day 3: 05-11-2025 - Dr. Rizwan Patan, Associate Professor, Sharada University, NCR Delhi.

Title : Quantum Computing for Everyone

The screenshot shows a Google Slides presentation titled "Building Your Faculty Portfolio" with the subtitle "A Strategic Approach". The slide content is as follows:

- Foundation Phase**
Establish your baseline understanding through online courses, workshops, and introductory quantum computing certifications. Platforms like IBM Quantum Experience and Microsoft Quantum Development Kit offer free resources.
- Specialisation Development**
Choose a focus area—quantum algorithms, quantum hardware, quantum cryptography, or quantum applications in your domain. Collaborate with researchers and attend specialized conferences to deepen expertise.
- Teaching Innovation**
Design and deliver quantum computing modules. Start with introductory workshops, develop full courses, and create hands-on laboratory experiences. Document student outcomes and refine pedagogical approaches.
- Research & Publication**
Contribute to the academic discourse through research papers, case studies, and teaching methodologies. Collaborate on interdisciplinary quantum projects and seek external funding opportunities.
- Leadership & Recognition**
Establish yourself as a quantum education leader by organizing FDPs, mentoring colleagues, developing curriculum frameworks, and building industry partnerships. Seek speaking opportunities at national conferences.

The slide also features the Sharada University logo in the bottom right corner. A notification at the bottom of the slide reads "teams.microsoft.com is sharing your screen. Stop sharing Hide".

The screenshot shows a PowerPoint presentation titled "Quantum Gates - Hadamard". The slide content is as follows:

Simplest gate involves one qubit and is called a **Hadamard Gate** (also known as a square-root of NOT gate.) Used to put qubits into superposition.

The diagram shows a qubit line starting at "State $|0\rangle$ ", passing through a Hadamard gate (H), resulting in "State $|0\rangle + |1\rangle$ ", passing through another Hadamard gate (H), and ending at "State $|1\rangle$ ".

Note: Two Hadamard gates used in succession can be used as a NOT gate

Day 4: Dr.S.Kusuma ,Assistant Professor, MITS University, Madanapalle.

Dr. S. Kusuma delivered talk in the title of Quantum Machine Learning: The Next Leap in AI and she discussed about the Quantum Machine Learning and types of quantum machine learning . She also expressed views in research application in quantum machine learning and future enhancements of it.

Hope In the Previous Slide You got an Idea , Lets a Brief Explanation Here

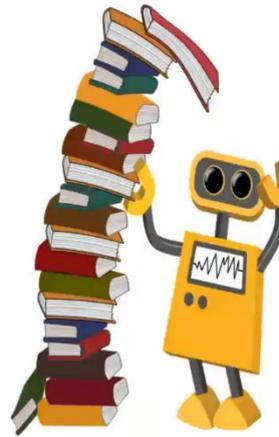
1.Finger Print

Now a days all the application around the world for Finger Print Authentication is using Pattern Matching Algorithm, There is no best solution to do Pattern Recognition and especially there is no applications for that

But in the pattern matching applications ,for most of the hard hat workers , Farmers who's fingers is in infected or scratched state getting error always as the pattern deviate from the one they make it while opening the account and for those people there is no efficient solution available in the market

The most difficult part is to reconstruct the damaged Finger Print ,Its not that easy as it's an authentication flow, The best solution is to find very less error rate to put it in the market

Now the main point ,Why Gradient Descent is not helpful in this issue , Gradient Descent is using only first order derivative and its best suited if the Dataset is clear and accurate ,For the mixed Dataset and also for very fine tuning cases "n" derivative solution be the best one and it will give less error rate



Dr. VENKATESWARULU NA...

SK Dr. Mani...

SREENU Shelma ...

Ponnam ... Sujati St...

P.CHAN... Sowji Se...

chaitany... C.NANCY

HS +140

HoD-Dat...

4. Cloud Platforms for QML Research

Platform	Purpose / Features	Integration
IBM Quantum Cloud	Access IBM real hardware and simulators	Qiskit
AWS Braket	Unified cloud access to multiple quantum backends	Braket SDK
Microsoft Azure Quantum	Hybrid environment supporting Honeywell, IonQ, Q#	Q# + Python SDK
Google Cloud Quantum AI	Experimental access to Sycamore chips	Cirq, TensorFlow Quantum

teams.microsoft.com is sharing your screen. Stop sharing Hide

SK DR Dr. D. J...

HS chaitany...

SK Shelma ...

SS Sujati St...

P.CHAN... Sowji Se...

C.NANCY Akella P...

AK Aithya K...

Devieedd...

AA Akumath...

CS C.Venka...

ML M VARA ...

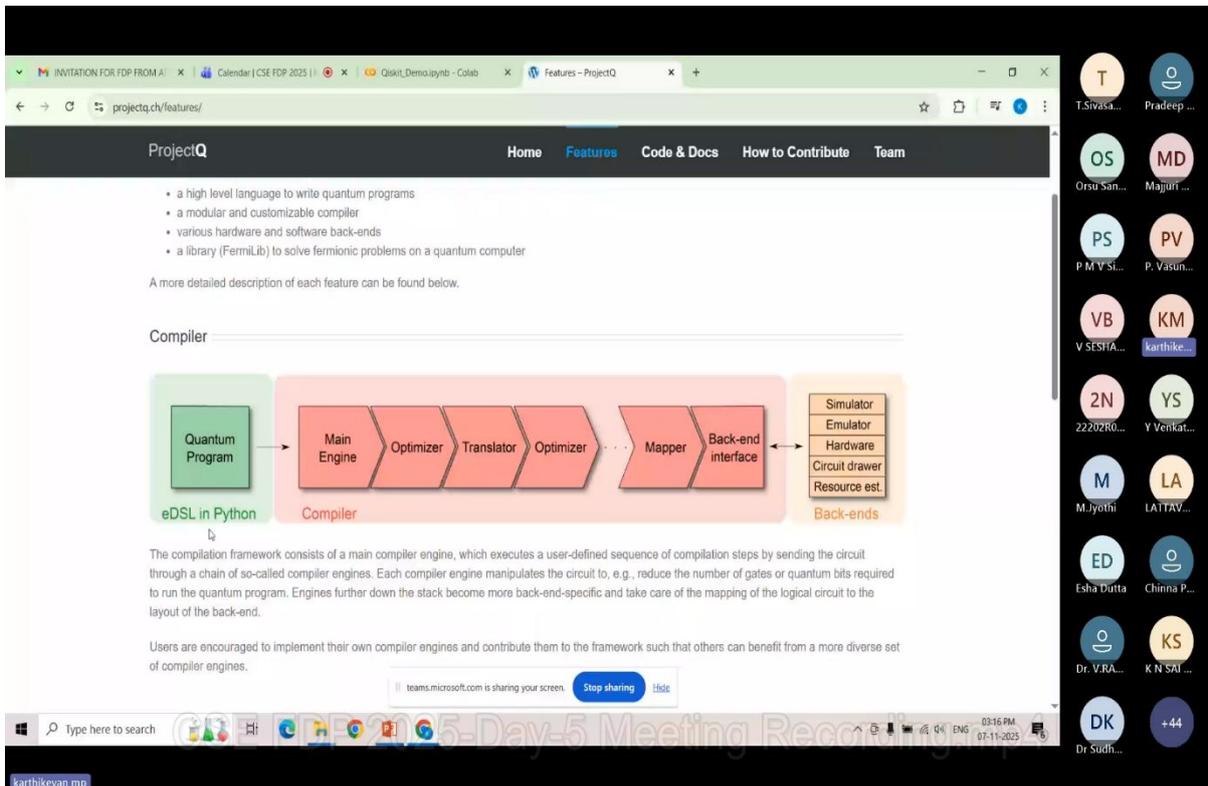
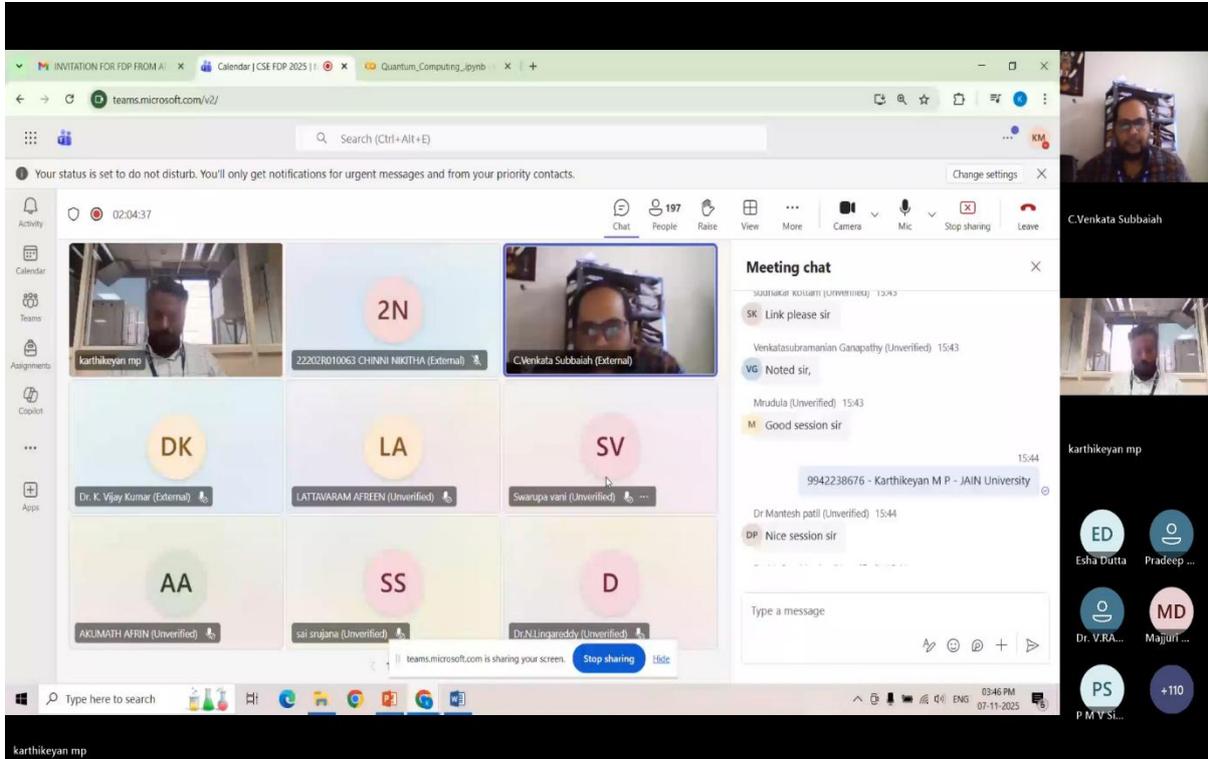
Sathvika A

DB +174

Dr. G.V. ...

Day 5: Mr. M.P.Karthikeyan, Assistant Professor, JAIN (Deemed to be University), Bangalore.

Title : Exploring Quantum Computing: Simulation Tools and Fundamental Algorithms



Valedictory Ceremony:

Dr.C.V.Subbaiah, Associate Professor & HOD, Dept. of CSE, AITS anchored the valedictory ceremony. **Mr P.Chandra Sekhar**, Assistant Professor / CSE addressed in the valedictory ceremony meeting and briefed about the summary of the FDP program.

Few participants shared their experience and highlighted the FDP. **Mr. P. Chandra Sekhar** and thanked all the participants for providing support and attending the 5-Day programme.

Outcome of the FDP:

Emerging technologies in the fields of Quantum Technologies are shaping modern Science & Engineering in the current environment have a significant impact on various aspects of society, industry, and academia. When considering the outcome of a Faculty Development Programme (FDP) focused on these technologies, several key impacts can be observed:

1. **Enhanced Teaching Capabilities** : Faculty members gain a deeper understanding of the latest advancements in AI, ML, and Data Science, enabling them to impart cutting-edge knowledge to students. This includes teaching methodologies, tools, and techniques that are currently prevalent in industry.
2. **Curriculum Development** : The FDP may lead to the revision or development of curricula to incorporate the latest trends and technologies. This ensures that students are equipped with the skills and knowledge required to excel in a rapidly evolving technological landscape.
3. **Research Opportunities** : Faculty members may explore new research avenues inspired by the discussions and insights gained during the FDP. This could result in collaborations with industry partners or other academic institutions, leading to innovative research projects.
4. **Skill Enhancement**: Participants acquire new skills and competencies related to AI, ML, and Data Science, which can enhance their professional profiles and career prospects. This includes proficiency in programming languages, data analysis tools, and machine learning algorithms.
5. **Industry Relevance**: The FDP helps bridge the gap between academia and industry by ensuring that faculty members are aware of the latest industry practices and requirements. This fosters better alignment between educational programs and industry needs, enhancing the employability of graduates.
6. **Networking Opportunities**: Participants have the chance to network with experts, practitioners, and fellow educators in the field, facilitating knowledge exchange and collaboration. This network can be valuable for future research collaborations, job opportunities, and professional development.

7. **Institutional Recognition:** Institutions that offer high-quality FDP's in emerging technologies gain recognition and credibility within the academic and industry communities. This can attract talented faculty members and students, as well as potential funding opportunities for research initiatives.
8. **Innovation and Entrepreneurship:** The FDP may inspire participants to explore entrepreneurial ventures or innovative projects leveraging AI, ML, and Data Science technologies. This could lead to the development of startups, products, or services that address real-world challenges and opportunities.

Copy of Participant Certificates



Copy of Resource Persons Certificates



ANNAMACHARYA
INSTITUTE OF TECHNOLOGY AND SCIENCES
(AUTONOMOUS)
UTUKUR(P),C.K.DINNE(V&M),KADAPA DIST,AP.

CERTIFICATE
of appreciation
IS PRESENTED TO
Dr. S. Kusuma

for sharing her valuable knowledge on Theme
Quantum Machine Learning: The Next Leap in AI
as Resource Person during the Faculty Development Program on
**Frontiers of Quantum Computing:
Innovations and Applications in Contemporary Science and Engineering**
which took Place on 6th Nov 2025 organized by
Department of Computer Science & Engineering.

V. Seethy
Dr C.Venkata Subbaiah
HOD

ASReddy
Dr. A.Sudhakara Reddy
Principal

CSE

ANNAMACHARYA EDUCATIONAL TRUST
* JIYOM SARVATRA PUSHTI *
ACCREDITED WITH GRADE
A
NAAC
NBA
ACCREDITED BY

Copy of Convenor Certificates



ANNAMACHARYA
INSTITUTE OF TECHNOLOGY AND SCIENCES
(AUTONOMOUS)
UTUKUR(P),C.K.DINNE(V&M),KADAPA DIST,AP.

CERTIFICATE
of appreciation
IS PRESENTED TO
Dr. C. Venkata Subbaiah

acted as Convenor during the Faculty Development Program on
**Frontiers of Quantum Computing:
Innovations and Applications in Contemporary Science and Engineering**
which took Place on 3rd Nov to 7th Nov 2025 organized by
Department of Computer Science & Engineering.

V. Seethy
Dr C.Venkata Subbaiah
HOD

ASReddy
Dr. A.Sudhakara Reddy
Principal

CSE

ANNAMACHARYA EDUCATIONAL TRUST
* JIYOM SARVATRA PUSHTI *
ACCREDITED WITH GRADE
A
NAAC
National Board of Accreditation
NBA
AICTE
ACCREDITED BY

Copy of Coordinator Certificates



Overall, the outcome of an FDP focused on emerging technologies in Quantum Technologies are shaping modern Science & Engineering in multi-faceted, with impacts ranging from improved teaching quality and research output to enhanced industry relevance and innovation. Such programs play a crucial role in empowering faculty members to stay abreast of the latest developments in their field and prepare the next generation of professionals for success in a Quantum-driven world.

V. Subbaiah

Head of the Department

A. Sudhakara Reddy

Principal