

REPORT

PRAGATI ENGINEERING COLLEGE

(Approved by AICTE, Permanently Affiliated to JNTUK, KAKINADA & Accredited by NBA)

1-378, A.D.B. Road, Surampalem, Near Peddapuram-533437



“Quantum Computing for Image Processing”

Date: 28-6-2025

Day: Saturday

Turing Club organised by the Dept. of CSE – AI&ML of Pragati Engineering College in association with Career Guidance Cell is organizing a seminar on "*Quantum computing for image processing*" as part of Industry 4.0.

Attendance list :

S.NO	Name	Attendance Percentage
1.	Abhi Ram	100%
2.	Abhilasya Mummidi	100%
3.	Ahmadunnisa Shaik	100%
4.	Ajay Dasari	100%
5.	Aluri THARUN CHOWDARY	100%
6.	Anjani Surya Prabha Katta	100%
7.	Bannu 248	100%
8.	Bhanu Prakash	100%
9.	Bhanu Praveen Mathsa	100%
10.	bhaskar pithani	100%
11.	Bhavya P	100%
12.	Brighton bascom	100%
13.	Chaitanya sreya Amjuri	100%
14.	Chandra kranthi Tumu	100%
15.	Charan teja	100%
16.	Charishma	100%
17.	Diwakar Uday	100%
18.	Dr. A. Radha Krishna	100%
19.	Durga Prasad	100%
20.	Ethakota ADithya	100%
21.	Gh Chandana	100%
22.	Hari Deepika Bhupathi	100%
23.	harsha madhuri reddy kovvuri	100%
24.	harshitharaju M	100%
25.	Hemanth Agutumudi	100%
26.	Inakollu naveen	100%
27.	Kavya Anjali	100%
28.	Kavya Tanneeru	100%
29.	Kavya_ reddy42	100%
30.	Kolli Navya Jyothi	100%
31.	Koumudi	100%
32.	KSR MANJUSHA	100%
33.	Kusuma Chikkala	100%
34.	Lakshmisri Manivisetti	100%
35.	Lavanya Geddada	100%

36.	Leela Leela	100%
37.	Manasa Kondepudi	100%
38.	Mande Anushka	100%
39.	Mani Deepika Mygapula	100%
40.	Manikanta	100%
41.	Mathrusri Burri	100%
42.	Meghana Kudupudi	100%
43.	Nunna Naga sri Lakshmi	100%
44.	P.Jyothika Sri	100%
45.	Pasupuleti Vardhini	100%
46.	Pavan Kumar	100%
47.	PAVAN PEDDIREDDI	100%
48.	Pinjala Teja sri	100%
49.	pradeep Oruganti	100%
50.	Prasanna Kumari Teki	100%
51.	Praveena Kalla	100%
52.	Prudhvi Krishna	100%
53.	Pujitha Dasireddy	100%
54.	Puppala Satyavathi	100%
55.	Radha Krishna Addala	100%
56.	Rajesh Kondi	100%
57.	Rama Tulasi	100%
58.	Ramaneswari Chinthala	100%
59.	Revathi G	100%
60.	sahitya Vaddi	100%
61.	Sai Barla	100%
62.	Sai Supratheek	100%
63.	Sai swarup Katta	100%
64.	Sai Tejaswara Reddy Nagasani	100%
65.	Santhi Thota	100%
66.	Santoshi	100%
67.	Satya sai	100%
68.	Satyanarayana kothapalli	100%
69.	Sharon Allampalli	100%
70.	Sherly Thummalapalli	100%
71.	Sindhu Mendu	100%
72.	Sowmya	100%
73.	Sowmya Jyothi	100%

74.	Sri	100%
75.	Sri Vanaja Geetha Kola	100%
76.	SRIDURGA DASAM	100%
77.	Srilaya Maddukuri	100%
78.	Sriram Putcha	100%
79.	Srisai Varsha	100%
80.	Sriya Dudala	100%
81.	Stephen babu Kadali	100%
82.	Sudhapusa	100%
83.	Sudheeksha Vydadi	100%
84.	Sudheer Pabbu	100%
85.	Suganya Kotha	100%
86.	Tanagala Tarak Sai	100%
87.	Tejaswini Dasari	100%
88.	U.S.N. Raju	100%
89.	U.S.N. Raju	100%
90.	Umasai Peruri	100%
91.	V. ANANTHA LAKSHMI	100%
92.	Vamsi Yadav	100%
93.	Variaja Vipparthi	100%
94.	Vasavi Chakka	100%
95.	Venkata Satyanarayana Achutha	100%
96.	Vennela Nunna	100%
97.	Vinod Babu	100%
98.	Yogitha Ramya sri Chodiseti	100%

FEED BACK ANALYSIS

ID	Name	ROLL NUMBER	SECTION	CONTENT	speaker communication	CONTENT DELIVERY	ANY OTHER SUGGESTION
1	PEDDIREDDI LAKSHMI KRISHNA PAVAN PEC	23A31A42C3	B	5	5	5	Nothing
2	BAGADI RAJESH PEC	23A31A42A0	B	4	4	4	Good experience
3	VANAPARTHI SIDDARTHA PEC	23A31A42D0	B	4	4	4	Nothing
4	SABBELLA KAVYA SUVARNIKA PEC	23A31A4289	B	5	5	5	
5	KURASA VEERA VENKATA SATYA SAI PEC	23A31A42B5	B	4	4	4	Nothing
6	K MANIKANTA SAIRAM PEC	24A35A4210	AIML -B	5	5	5	...
7	A THARUN CHOWDARY PEC	24A35A4203	A	5	5	5	No
8	YELIDINDI RAMA TULASI PEC	23A31A4231	A	5	4	4	
9	KOPPISETTI SRIJA PEC	23A31A4211	A	2	2	2	No
10	KUNDALA PRUDHVI VEERA NARASIMHA KRISHNA PEC	23A31A42B3	B	4	4	4	
11	PENUGONDA MADHURI TEJA PEC	23A31A4221	A	5	4	5	
12	MUMMIDI M MANIKANTA DURGA SAI PRASANTH PEC	23A31A42C1	B	5	5	5	Nothing
13	ORUGANTI PRADEEP KUMAR PEC	23A31A42C2	B	5	5	5	No
14	M SANDEEP PEC	24A35A4215	C	5	5	5	No
15	P U S GANGA BHAVANI PEC	24A35A4214	C	5	4	4	All gud
16	AGUTUMUDI HEMANTH PEC	23A31A4232	A	5	5	5	
17	KUDUPUDI MEGHANA PEC	23A31A4280	B	5	4	4	No
18	KALAGA CHANDINI NAGA LEELA PEC	23A31A4277	Excellent session	5	5	5	Nothing
19	K GOWTHAM KARTHIK PEC	24A35A4204	A	5	4	5	NA
20	PAMPANA JYOTHIKA SRI RAMANI PEC	23a31a4287	B	5	4	4	Nothing
21	MANDE JAYATHI SRI ANUSHKA PEC	23A31A4281	B	5	5	5	
22	KUDUPUDI MEGHANA PEC	23A31A4278	B	5	5	5	None
23	MATHSA BHANU PRAVEEN PEC	23A31A42B7	B	4	4	4	No
24	DASARI AJAY KUMAR PEC	23A31A42A2	A	5	5	5	
25	KUDUPUDI MEGHANA PEC	23A31A4267	B	4	4	4	Nio
26	CHIKKALA KUSUMA	24A31A4271	B	5	5	5	None

	CHANDU PEC						
27	TANNEERU KAVYA VENKATA SRI PEC	23A31A4294	B	5	5	5	Na
28	D S KANAKA DURGA PEC	24A35A4207	B	4	4	4	
29	GUTTULA AMRUTHA NOOKAMBIKA PEC	23A31A4205	A	5	5	5	
30	MONDI KOUSALYA PEC	23A31A42E8	C	4	4	4	
31	PYDIKONDALA LEELA MAHALAKSHMI PEC	23A31A42F2	C	5	5	5	NA
32	DASARI TEJASWINI PEC	23A31A42D8	C	4	3	2	No
33	BURRI MATHRUSRI PEC	23A31A42D5	C	5	5	5	No
34	THOTA SANTHI PEC	23A31A4296	B	5	5	5	
35	CHODISETTI YOGITHA RAMYA SRI PEC	23A31A42D7	C	5	5	5	No
36	CHAKRAVARTHULA SRI SAI VARSHA PEC	23A31A42D6	C	5	5	5	Nothing
37	BURRI MATHRUSRI PEC	23A31A42F8	C	5	5	5	No
38	K SATYANARAYANA PEC	24A35A4211	B	5	5	5	None
39	DUDALA SRIYA PEC	23A31A42D9	C	5	5	5	
40	TUMU CHANDRA KRANTHI PEC	23A31A42F7	C	5	4	5	No
41	KOTHA SUGANYA PEC	23A31A4279	B	5	5	5	None
42	NUNNA NAGA SRILAKSHMI PEC	23A31A4285	B	5	5	5	
43	CHINTALA RAMANESWARI PEC	23A31A4272	B	5	4	4	NA
44	KOTHA HARISHANKAR PEC	23A31A42B2	B	3	4	4	Nothing
45	MOHAMMED ASMA PEC	23a31a4284	B	5	5	5	
46	CHAKKA VASAVI PEC	23A31A4270	B	4	5	4	No
47	KATTA ANJANI SURYA PRABHA PEC	23A31A42E2	C	4	4	3	No
48	MANEPALLI GAYATHRI BHAVANA DEVI PEC	23A31A4282	B	4	4	4	NOTHING

How satisfied were you with the session content:

4. SECTION

[More details](#)

48

Responses

Latest Responses

"B"

"C"

"B"

...

12 respondents (25%) answered C for this question.

Excellent session

C

AIML-B

5. CONTENT

4.65

Average Rating



Level 5  34

Level 4  12

Level 3  1

Level 2  1

Level 1

6. speaker communication

4.50

Average Rating



Level 5  27

Level 4  19

Level 3  1

Level 2  1

Level 1

7. CONTENT DELIVERY

4.50

Average Rating



Level 5  29

Level 4  16

Level 3  1

Level 2  2

Level 1

Overall rating: **Very Good**

Content Delivered in the Event:

Quantum Computing for Image Processing

1. Introduction to Digital Image Processing

Digital image processing is a field that enhances, analyzes, and interprets images using computational techniques. It is a cornerstone of modern computer vision systems. Human vision is the most advanced sensory mechanism, and digital image processing aims to mimic and extend this capability through computers.

The process includes converting an image into a digital form and performing operations using algorithms. Digital images are classified into:

- Binary images (black and white),
- Grayscale images (monochrome intensity),
- Color images (RGB representation).

Applications of image processing span across fields like medical imaging, remote sensing, autonomous vehicles, industrial inspection, entertainment, and scientific research.

2. Overview of Quantum Computing

Quantum computing is a transformative computational paradigm based on the principles of quantum mechanics. Unlike classical computers that use bits (0 or 1), quantum computers use qubits, which can exist in a superposition of states (both 0 and 1 simultaneously).

Key quantum phenomena include:

- Superposition: Enables parallel processing by allowing qubits to exist in multiple states.
- Entanglement: Links qubits in such a way that the state of one affects the state of another, regardless of distance.
- Interference: Helps in amplifying the correct solutions and cancelling incorrect ones.

Quantum computing is poised to outperform classical systems for specific problems like cryptography, optimization, and molecular modeling.

3. Evolution of Quantum Computing

The development of quantum computing is categorized into five major phases:

1. Theoretical Foundations (1900–1980) – Established by pioneers like Max Planck and Einstein.
2. Emergence (1980–1994) – Initiated by Richard Feynman's and Yuri Manin's proposals on quantum simulations.

3. Quantum Algorithms (1994–2000) – Marked by the development of groundbreaking algorithms like Shor’s (for factoring) and Grover’s (for searching).
4. Race to Build (2000–2021) – A competitive phase involving global tech giants aiming to build functional quantum hardware.
5. Ongoing Advancements (2021–present) – With continued innovation, research, and the rise of quantum supremacy.

4. Bits vs. Qubits

While classical computation revolves around bits (binary digits), quantum computing revolves around qubits. A qubit, represented mathematically as a combination of $|0\rangle$ and $|1\rangle$ using complex probability amplitudes, is a unit vector in a 2D complex vector space.

The Bloch Sphere provides a geometrical representation of qubit states, emphasizing the probabilistic nature of measurement. Unlike bits, measuring a qubit collapses it to one of its basis states with probabilities $|\alpha|^2$ and $|\beta|^2$ respectively.

5. Quantum Logic Gates

Quantum gates are the operational units of quantum circuits, similar to logic gates in classical computing. They manipulate qubits through unitary transformations and can exist as:

- Single Qubit Gates: Identity (I), Pauli-X, Y, Z; Hadamard (H); Phase gates (S, T); Rotation gates (RX, RY, RZ).
- Two Qubit Gates: CNOT, CY, CZ, SWAP, iSWAP, $\sqrt{\text{SWAP}}$.
- Three Qubit Gates: Toffoli (CCX), Fredkin (CSWAP), Multi-Controlled gates.
- Special Gates: Clifford + T, Non-Clifford gates, Surface Code Gates, Transversal gates.

These gates are key in performing quantum operations essential to image transformation.

6. Image Processing Using Quantum Gates

Quantum Image Processing (QIP) leverages the power of quantum computation to enhance traditional image processing methods. By encoding image data into quantum states, quantum gates are used to process them, offering:

- Faster processing through parallelism,
- Better encryption due to inherent quantum security,
- Efficient compression and denoising,
- Reduced memory requirement for storing large images.

A classical image is encoded into a quantum state, manipulated using quantum gates, and decoded back into a classical format post-processing.

7. Quantum Image Representations

Several quantum image models have been developed to store and process digital images:

1. FRQI (Flexible Representation of Quantum Images) – Encodes grayscale images using position and intensity in qubits.
2. NEQR (Novel Enhanced Quantum Representation) – Provides an efficient model for image retrieval and classification.
3. NCQI (Novel Quantum Representation of Colored Images) – Aims at representing color data effectively.
4. OCQR (Optimized Color Quantum Representation) – Enhances efficiency in color image encoding.
5. FRQCI (Flexible Representation of Quantum Color Image) – Focuses on color representation flexibility.

These models differ based on how pixel intensity and position are encoded. Quantum image encoding supports compact representation and parallel processing.

8. Classical vs. Quantum Processing

In classical systems:

- Bits are manipulated using logic circuits.
- Processing power increases linearly with transistors.
- Systems are error-resilient and operate at room temperature.

In quantum systems:

- Qubits allow simultaneous processing.
- Computational power increases exponentially with the number of qubits.
- Systems are error-prone and need ultracold environments.
- Best suited for tasks requiring parallelism, such as optimization, AI, and image processing.

A side-by-side comparison demonstrates how quantum computers offer a significant edge in handling complex image tasks more efficiently.

9. Applications of Quantum Image Processing

Quantum image processing is a rapidly evolving field with potential applications in:

- Medical Imaging – Faster analysis and diagnosis.
- Remote Sensing – Quantum-enhanced satellite imaging.
- Autonomous Vehicles – Real-time object recognition.
- Industrial Inspection – Detecting anomalies in production lines.
- Artificial Intelligence – Improved computer vision systems.
- Document Processing – Efficient scanning and recognition.
- Entertainment & Media – Enhanced rendering and compression.

10. Future Prospects

Quantum computing is still in its nascent stage. However, as hardware matures and error-correction improves, its role in image processing will grow. Hybrid models integrating classical and quantum systems will be pivotal during the transition phase.

Researchers must focus on:

- Developing robust quantum algorithms,
- Designing practical quantum circuits for image processing tasks,
- Ensuring reliable quantum-classical interfacing,
- Exploring real-world applications beyond academic settings.

Conclusion

This presentation thoroughly explores the intersection of quantum computing and image processing. While classical methods have served well, quantum computing opens new horizons for speed, efficiency, and capability. Through concepts like superposition, entanglement, and quantum gates, image processing tasks can be executed with unprecedented efficiency. Quantum image representation models like FRQI and NEQR demonstrate real potential in storing and manipulating digital images. As research and technology progress, quantum-enhanced image processing is set to revolutionize fields like medical imaging, AI, and remote sensing.

Photos:

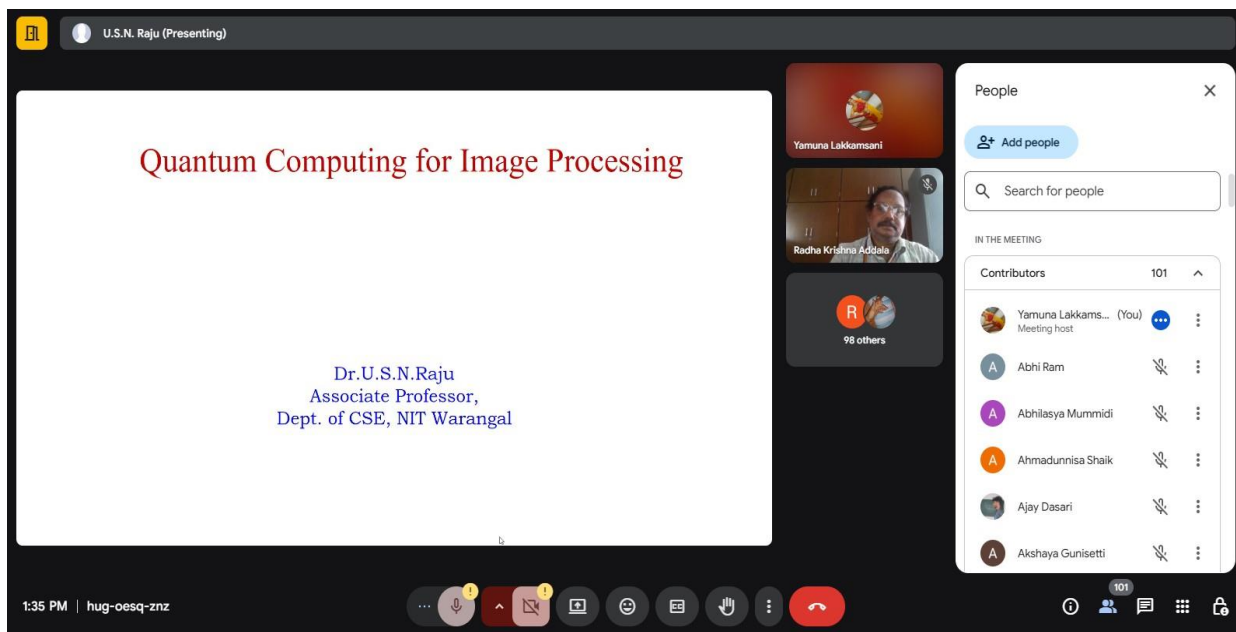


Figure 2. Comparison of image processing by classical and quantum computers

Kumud Sachdeva et al.

People

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IN THE MEETING

Contributors 101

- Yamuna Lakkamsani (You) Meeting host
- Abhi Ram
- Abhilyasa Mummidi
- Ahmadunnisa Shaik
- Ajay Dasari
- Akshaya Guniseti

1:41 PM | hug-oesq-znz

U.S.N. Raju

U.S.N. Raju

U.S.N. Raju

U.S.N. Raju

2. SPHERICAL FORM OF A QUBIT

We can express a qubit using two angles θ and ϕ :

$$|\psi\rangle = \cos\left(\frac{\theta}{2}\right)|0\rangle + e^{i\phi}\sin\left(\frac{\theta}{2}\right)|1\rangle$$

Where:

- θ is the angle from the Z-axis
- ϕ is the angle around the Z-axis (azimuthal angle)

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IN THE MEETING

Contributors 96

- Yamuna Lakkamsani (You) Meeting host
- Abhi Ram
- Abhilyasa Mummidi
- Ahmadunnisa Shaik
- Ajay Dasari
- Aluri THARUN CHOWD...

2:10 PM | hug-oesq-znz

U.S.N. Raju

U.S.N. Raju

U.S.N. Raju

U.S.N. Raju

Name: G.Bhanu Chandhar
College: RGUKT-Srikakulam

$|\psi\rangle = \cos\left(\frac{\theta}{2}\right)|0\rangle + e^{i\phi}\sin\left(\frac{\theta}{2}\right)|1\rangle$

$\theta = 60^\circ$
 $\phi = 60^\circ$
 $x = 0.433$
 $y = 0.75$
 $z = 0.5$

$\rightarrow R_x(15^\circ)$
 $U = 0.74(0.2) + (0.22 + i(0.11))U$
 $\phi = 2.31$
 $\theta = 2.24$
 $x' = 0.433$
 $y' = 0.15$
 $z' = 0.58$

Initial: $x=0.433, y=0.750, z=0.500$
 θ (from Z) = 60.0°

Final: $x=0.433, y=0.177, z=0.884$
 θ (from Z) = 27.89°

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IN THE MEETING

Contributors 96

- Yamuna Lakkamsani (You) Meeting host
- Abhi Ram
- Abhilyasa Mummidi
- Ahmadunnisa Shaik
- Ajay Dasari
- Aluri THARUN CHOWD...

2:11 PM | hug-oesq-znz

U.S.N. Raju

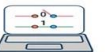
U.S.N. Raju

U.S.N. Raju

U.S.N. Raju

U.S.N. Raju (Presenting)

Quantum Computing Vs. Classical Computing

Quantum Computing	Classical Computing
 Calculates with qubits, which can represent 0 and 1 at the same time	 Calculates with transistors, which can represent either 0 or 1
 Power increases exponentially in proportion to the number of qubits	 Power increases in a 1:1 relationship with the number of transistors
 Quantum computers have high error rates and need to be kept ultracold	 Classical computers have low error rates and can operate at room temp
 Well suited for tasks like optimization problems, data analysis, and simulations	 Most everyday processing is best handled by classical computers

CBINSIGHTS

2:12 PM | hug-oesq-znz

GATES

SINGLE QUBIT GATES	TWO-QUBIT GATES	THREE-QUBIT GATES	SPECIAL GATES
- Identity - Pauli-X (X) - Pauli-Y (Y) - Pauli-Z (Z) - Hadamard (H) - Phase-S (S) - Phase-T (T) - Rotation-X (RX(θ)) - Rotation-Y (RY(θ)) - Rotation-Z (RZ(θ))	- Control-X (CNOT) - Control-Y (CY) - Control-Z (CZ) - Swap - iSwap - sqrt(Swap)	- Toffoli (CCX) - Fredkin (CSWAP) - Multi-Controlled gate (CⁿX)	- Clifford - Parity - Gates - Non-Clifford - Surface code gates - Transversal gates

U.S.N. Raju

Yamuna Lakshamsani

People

- Add people
- Kavya Tanneeru
- Kaumudi
- KSR MANJUSHA
- Kusuma Chikkala
- Lakshmi Maniviseti
- Lavanya Gedda
- Leela Leela
- Manasa Kondepudi

Control Not (CNOT)

CNOT = $\begin{bmatrix} 1 & 0 \\ 0 & 0 \\ 0 & 0 \\ 0 & 1 \end{bmatrix}$

- It can be used to [entangle](#) and disentangle [Bell states](#).
- Control qubit:** The qubit that controls whether the gate acts.
- Target qubit:** The qubit that is flipped (i.e., a NOT gate or X gate is applied) if the control qubit is in state |1>.
- Flips the target qubit only if the *control qubit is in state |1)
- Equivalent to X(NOT) gate applied conditionally, so notated as CX
- The CNOT gate transforms the quantum state:

$$a|00\rangle + b|01\rangle + c|10\rangle + d|11\rangle$$

into:

$$a|00\rangle + b|01\rangle + c|11\rangle + d|10\rangle$$

U.S.N. Raju

Yamuna Lakshamsani

In-call messages

Let contributors send messages

You can pin a message to make it visible for people who join later. When you leave the call, you won't be able to access this chat.

97

Suganya Kotha 2:58 PM

97

Santoshi 2:58 PM

97

Kavya Anjali 3:06 PM

Once repeat the question sir

100005

Santhi Thota 3:07 PM

100005

Send a message

3:09 PM | hug-oesq-znz



U.S.N. Raju (Presenting)

Jupyter Notebook interface showing code and results:

```
print("In HSE between Quantum and Classical: (mse:.4f)")
print("Execution Time: (exec_time:.4f) seconds")
Processing red channel...
Red channel processed in 279.56 seconds
Processing green channel...
Green channel processed in 352.34 seconds
Processing blue channel...
Blue channel processed in 220.54 seconds
```

Visual comparison of images:

- Original image
- Classically processed image
- Quantum processed image

MSE between Quantum and Classical: 0.000000
Execution Time: 220.5481 seconds

MSE

Participant list:

- Yamuna Lakkamsani
- U.S.N. Raju

In-call messages:

- Tanagala Tarak Sai: 3:22 PM
- Hari Deepika Bhupathi: 3:22 PM
- Manikanta: 3:22 PM

+32



U.S.N. Raju (Presenting)

Handwritten notes and diagrams illustrating quantum circuit results:

Initial state: $\begin{bmatrix} 0 & 5 \\ 10 & 15 \end{bmatrix}$

ckt. result after applying Hadamard gate

Quantum circuit diagram showing qubits and gates:

- Position bits: m_0, m_1, m_2, m_3
- Gray values: r_0, r_1, r_2, r_3

Final state calculation:

$$\frac{1}{2} \left[\begin{pmatrix} 1 & 0 & 0 & 0 \\ 0 & 1 & 0 & 0 \\ 0 & 0 & 1 & 0 \\ 0 & 0 & 0 & 1 \end{pmatrix} \otimes \begin{pmatrix} 1 & 0 & 0 & 0 \\ 0 & 1 & 0 & 0 \\ 0 & 0 & 1 & 0 \\ 0 & 0 & 0 & 1 \end{pmatrix} + \begin{pmatrix} 1 & 0 & 1 & 0 \\ 0 & 1 & 0 & 1 \\ 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 0 \end{pmatrix} \otimes \begin{pmatrix} 1 & 0 & 1 & 0 \\ 0 & 1 & 0 & 1 \\ 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 0 \end{pmatrix} \right]$$

Notes: "Position 4 is done", "Input is ready", "Pauli X NOT", "0 → 1", "1 → 0"

In-call messages:

- Tanagala Tarak Sai: 3:22 PM
- Hari Deepika Bhupathi: 3:22 PM
- Manikanta: 3:22 PM

Department of CSE (Artificial Intelligence & Machine Learning)



Organizes

A Guest Lecture (online)

IAENG

Topic: Quantum Computing for Image Processing



Dr. U.S.N. Raju

Associate Professor in CSE Department,
NIT Warangal.

28th June-2025

In Association with IAENG (International Association of Engineers) & Turing Club



Pragati Engineering College
(AUTONOMOUS)



PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

DEPARTMENT OF CSE (Artificial Intelligence & Machine Learning)



PEC / Admin / Circular / 2025 / Turing CLUB

Date: 24-06-2025.

All the staff, Pragati Turing club coordinators, Third year Students are informed that a seminar on **“Quantum computing for image processing”** is being organized by Turing club & IAENG in association with career Guidance cell. The details are given below.

Date: 28- 6-2025

Time: 1:30 PM to 3:30 PM

Venue: Online

Faculty Co-Ordinator: Mrs.L.Yamuna

Student Co-Ordinator: B.Harika Deepika (III -year CSE (AI&ML)-23A31A42D4)

K.Navya Jyothi (III-year CSE (AI&ML)-23A31A42E3)

Speaker: DR U.S.N RAJU

Associate Professor,
NIT Warangal.

Faculty coordinator

HoD-CSE(AI&ML)

Copy to:

- 1) Chairman /All Directors / Vice President for kind information.
- 2) Vice Principal/Dean T&P for information.
- 3) All HoDs are requested to circulate among your staff members.
- 4) Convener-Career Guidance cell
- 5) Office File.