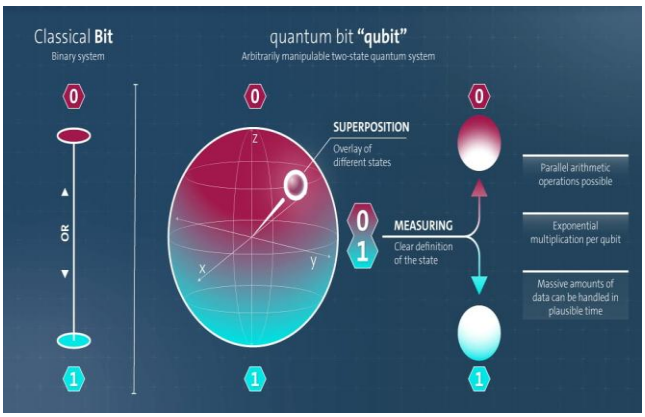
A TWO-DAY NATIONAL WORKSHOP

on

"DECODING THE QUANTUM COMPUTER: FROM SUPERPOSITION TO SUPREMACY"

A Journey from basics to breakthroughs

27 & 28 JANUARY 2026



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HOD-Dept. of Physics & Mathematics

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HOD-Dept. of Computer Science & Computer Applications

Organized by

DEPARTMENTS OF PHYSICS & COMPUTER SCIENCE

A.S.D. GOVERNMENT DEGREE COLLEGE FOR WOMEN(A)

(Re-Accredited with 'B++' Grade by NAAC)

A BRIEF REPORT ON

A TWO-DAY NATIONAL WORKSHOP

on

"DECODING THE QUANTUM COMPUTER: FROM SUPERPOSITION TO SUPREMACY"

27 & 28 JANUARY 2026

Organized by

Departments of Physics & Computer Science

A.S.D. GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS)

(Re Accredited with 'B++' Grade by NAAC)
Affiliated to Adikavi Nannaya University
Jagannaickpur, Kakinada - 533002
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DEPT. MINUTES RESOLUTION COPY

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Minutes of Meeting

Dt: 05/01/2026

The staff meeting of the Department of Computer Science & Computer Applications is held in the Dept. of Computer Lab-I at 4:00PM on 05/01/2026.

Agenda

1. Sankranti Celebrations.
2. Pongal Holidays.
3. Workshop tentatively planned on 27th & 28th January
4. Republic Day celebrations.
5. II year - IV sem. mid-I Examinations.
6. Syllabus Coverage for I year students.

Discussion:- The meeting discussed the organization of Sankranti and Republic Day celebrations, Pongal holidays, the proposed Two-Day national workshop, II year - IV semester mid Examinations, and Syllabus coverage for I year students.

The members emphasised timely planning, smooth conduct of activities, and adherence to the academic schedule.

Resolutions :-

1. It was resolved to organize Sankranti Celebrations in the College Campus in a traditional and meaningful manner with active participation of students & faculty.

2. It is informed that Pongal vacation is tentatively planned from 10/01/2026 and the attendance of the students before pongal vacation must be monitored seriously.

3. It is resolved to conduct a Two-Day National workshop on "Decoding the Quantum Computer: From Superposition to Supremacy" A journey from Basics to Breakthroughs on 27 & 28th January 2026.

4. It is resolved to Conduct to various co-curricular activities in connection with Republic day Celebrations in the month.

5. Also informed that to the II year students IV-sem, mid-I Examinations are tentatively planned from 29/01/2026.

6. Informed faculty to inform the students to be regular to the college as 75% attendance is mandatory for writing the semester End Examinations.

Faculty:-

1. K.S. Lakshmi
2. A. Jayalakshmi
3. V. [illegible]
4. [signature]
5. [signature]
6. G. Sowmya

N.N.S. Eswari 5/1/26
Incharge of the Department

IN-CHARGE
DEPT. OF COMPUTER SCIENCE
[illegible] GOVT. DEGREE COLLEGE (M) (AUTONOMOUS)
KAKINADA

PERMISSION LETTER

From
Dr.B.Surya Narayana Devara,
Lecturer In-Charge,
Department of Physics,
A.S.D. Govt Degree College for Women (A),
Kakinada.

To
The Principal
A.S.D. Govt Degree College (W) (A),
Kakinada.

Respected Madam,

Sub : A.S.D. G.D.C.W(A) - Departments of Physics & Computer Science – Request to approve the Proposal of organizing A Two-Day National Workshop on "Decoding the Quantum Computer: From Superposition to Supremacy" on Dt.27-01-2026 & 28-01-2026 -Reg.

*****

I submit that the Departments of Physics & Computer Science, are planning to organize A Two-Day National Workshop on "Decoding the Quantum Computer: From Superposition to Supremacy" on Dt.27-01-2026 & 28-01-2026, which is beneficial to both the faculty and the students. In this regard, I request you to kindly give us permission to organize the Workshop.

Thanking you, Madam.

.
Place: Kakinada
Date: 16-12-2025

Yours faithfully,

Devat B S N

(Dr.B.Surya Narayana Devara)

CIRCULAR

A.S.D.GOVT.DEGREE COLLEGE FOR WOMEN (A)

(Re-Accredited with 'B++' Grade by NAAC)
(Affiliated to Adikavi Nannaya University)

DEPARTMENTS OF PHYSICS & COMPUTER SCIENCE

CIRCULAR

స్త్రీవిద్యాప్రవర్ధతాం

The Departments of Physics & Computer Science wishes to

organize a A Two-Day International Workshop on

"Decoding the Quantum Computer: From Superposition to Supremacy"
A journey from basics to breakthroughs
on

27-01-2026 & 28-01-2026 in New Seminar Hall

In this connection all the faculty and students are informed to attend the Workshop and make the best out of it.

Devat B S N N.N.S. Eswari

In-Charges of the Departments

V. N. L.
PRINCIPAL
A.S.D.GOVT.DEGREE COLLEGE (W)
AUTONOMOUS
KAKINADA

BROCHURE

A.S.D.GOVT.DEGREE COLLEGE FOR WOMEN(A)

KAKINADA – 533002

(Accredited by NAAC B++ in 4th cycle)

TWO - DAY NATIONAL WORKSHOP

on

"Decoding the Quantum Computer: From Superposition to Supremacy"

A journey from Basics to Breakthroughs

Organized by

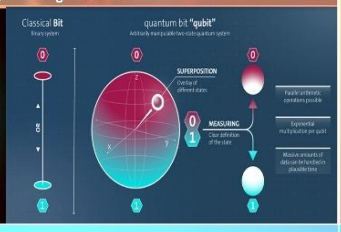
Departments of Physics & Computer Science

under

Internal Quality Assurance Cell

on

27 & 28th January 2026



ABOUT THE COLLEGE

The college was established in the Year 1962 with the motto: 'Sthree Vidya Pravardhataam' – 'Women Education Shall Prosper'. Since its inception the College is committed in providing quality education to girl students empowering them with all the skills required for professional growth and overall personality development. The college has been a cornerstone of higher education in this region catering to the educational needs of girl students especially those hailing from rural and underprivileged sections.

ABOUT THE DEPARTMENTS OF PHYSICS & COMPUTER SCIENCE

The Department of Physics is one of the oldest departments of A.S.D. Govt. Degree College for Women, Kakinada established in the year 1963. The department is well equipped with the necessary infrastructure facilities and dedicated experienced faculty members to impart the quality education to young graduate girls.

The Department of Computer Science was established in the year 1998 as one of the Restructured Courses in the College. Over the years the Department has developed a distinctive style and methodology that bridges the theory-practice divide while remaining grounded in the core and is dedicated to fostering innovation and excellence by organizing workshops on emerging technologies

ABOUT THE WORKSHOP

In alignment with National Quantum Mission 2023-31 and Amaravati Quantum Valley Project of Andhra Pradesh State endeavour , Departments of Physics and Computer Science of this college have come up with Workshop on Quantum Computer. The workshop covers

- Basics and the latest developments in the Quantum Computer field.
- Both the theory and practical approach to Quantum Computers including Qiskit.
- Advanced Algorithms.
- NISQ to FASQ.

OBJECTIVES

- To introduce core concepts of quantum computing aligned with the National Quantum Mission and Andhra Pradesh Quantum Valley.
- To provide hands-on exposure to quantum programming using simulators and platforms such as IBM Quantum Experience and Qiskit.
- To inspire interdisciplinary collaboration and career pathways in quantum.

RESOURCE PERSONS

Dr. JNAN YALLA
Quantum Research Scientist,
IBM Hyderabad

Dr. S.DAMODARAIAH
Assistant Professor,
Dept. of Physics,
JNTU Pulivendula

Insights of the Workshop

- Why Quantum computing? & recent breakthroughs
- Quantum Computing Fundamentals
- Quantum Gates and Circuits
- Quantum Algorithms
- Quantum Programming with Qiskit
- Applications and NISQ Promise & FASQs

EXPECTED OUTCOMES

By the end of the workshop, the participants will be able to

- Understand the fundamentals and advantages of quantum computing.
- Gain hands-on experience in designing and analyzing quantum circuits and algorithms.
- Be motivated toward research, collaboration, and careers in quantum technologies.

ADVISORY COMMITTEE

- Dr.K.Lavanya, Academic Coordinator Dept. of Home Science
- Dr.P.Sanjotha, Academic Coordinator, Incharge, Dept. of English
- Dr.G.Anitha, RUSA Coordinator Dept. of Home Science
- Dr.K.Yamuna, Controller of Examinations
- Smt.R.R.D.Sirisha, Ass. Controller of Examinations, Incharge, Dept. of Commerce
- Ms.G.Pavani Devi, Incharge, Dept. of Economics
- Dr. Krishna Gayatri, Incharge, Dept. of Telugu & Sanskrit
- Ms. A.Swathi, Incharge, Dept. of Hindi
- Dr. K.Anitha, Incharge, Dept. of Chemistry
- Smt.D.Jayasree, Incharge, Dept. of Microbiology
- Smt.Y.Sitamahalakshmi, Incharge, Dept. of History & Political Science
- Ms. K.V.N.S.Eswari, Incharge, Dept. of Botany
- Cap.Dr.G.Pramila Rani, Physical Director

Registration Fee

Faculty: Rs. 500
Students: Rs.200

Phone Pe: 9491436647

Contact Us : 7661838147
asdgdcw_qw@asdgdcw.ac.in

Scan here to Register

CHIEF PATRON
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PATRON
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RJDCE of Zone I & II Rajamahendravaram, A.P.

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Dr. M.Suvarchala
Vice Principal
Incharge, Dept. of Home Science

IQAC Co-ordinator
Smt.M.Vasantha Lakshmi
Incharge, Dept. of Zoology

Convener
Dr. B. Surya Narayana Devara
Lecturer Incharge,
Dept. of Physics & Mathematics

Organizing Secretary
Smt.N.Naga Subrahmanyeswari
Lecturer Incharge,
Dept. of Computer Science

ORGANIZING COMMITTEE

Ms D.V.S Lakshmi, Lecturer in Physics
Ms. K.Kranthi, Lecturer in Physics
Ms. K.Surya Lakshmi, Lecturer in Computer Science
Ms. A.Jaya Lakshmi, Lecturer in Computer Science
Ms. A. Sri Lalitha, Lecturer in Computer Science
Ms.P.Ballamamba, Lecturer in Computer Applications
Ms.V.Rama Tulasi, Lecturer in Computer Applications
Ms.G.Sowmya, Lecturer in Computer Applications

Two Day National Workshop on "Decoding the Quantum Computer: From Superposition to Supremacy", brochure released by Principal, Vice Principal, IQAC-Co-ordinator, In-charges and Staff Members of the Departments of Physics and Computer Science on 06-01-2026

OBJECTIVES & OUTCOMES

A.S.D.GOVT. DEGREE COLLEGE FOR WOMEN (A)

(Re-Accredited with 'B++' Grade by NAAC)
(Affiliated to Adikavi Nannaya University)
Jagannaickpur, Kakinada.

DEPARTMENTS OF PHYSICS & COMPUTER SCIENCE

Two - Day National Workshop on

"Decoding the Quantum Computer: From Superposition to Supremacy"

A Journey from basics to breakthroughs

27&28 January, 2026

Objectives of the Workshop:

The workshop is aimed to achieve the following objectives:

1. To introduce the fundamental principles of quantum computing, including qubits, superposition, entanglement, and measurement, to participants from diverse academic backgrounds.
2. To create awareness of the National Quantum Mission (NQM) and the Andhra Pradesh Quantum Valley initiative, highlighting India's strategic vision in quantum technologies.
3. To explain the limitations of classical computing and the motivation for quantum computing through recent global breakthroughs and industry advancements.
4. To provide conceptual clarity on quantum gates and quantum circuits, forming the building blocks of quantum computation.
5. To familiarize participants with key quantum algorithms such as Deutsch–Jozsa, Grover's Search, and Shor's Algorithm, emphasizing quantum speedups.
6. To introduce near-term quantum algorithms like QAOA and VQE, relevant to optimization and real-world problem solving in the NISQ era.
7. To offer hands-on exposure to quantum programming using platforms such as IBM Quantum Experience and Qiskit, enabling practical learning.
8. To demonstrate the workflow of designing, simulating, and executing quantum circuits, bridging theory with practice.
9. To highlight applications of quantum computing in cryptography, optimization, artificial intelligence, material science, and other emerging domains.
10. To inspire interdisciplinary collaboration, research orientation, and career pathways in quantum technologies among students and faculty members.

By aligning with these objectives, the workshop aimed to create an engaging and collaborative environment where participants could actively contribute to discussions, learn from experts in the field, and leave with a renewed sense of enthusiasm and knowledge to navigate the future of technology.

Learning Outcomes of the Workshop

The workshop aimed to empower participants with knowledge, insights, and a sense of community, fostering a positive impact on their understanding of Quantum technology and its future. Here are the key outcomes:

Expected Outcomes of the Workshop

By the end of the workshop, the participants will be able to:

1. Understand the core concepts and advantages of quantum computing, including how it differs from classical computation.
2. Analyze and design basic quantum circuits and algorithms using quantum gates and circuit models.
3. Apply quantum programming skills using Qiskit, gaining practical experience through simulations and demonstrations.
4. Recognize the significance of NISQ-era devices and application-specific quantum solutions (FASQs) in current and future technological contexts.
5. Develop motivation towards higher studies, research, interdisciplinary collaboration, and careers in quantum computing and related emerging technologies.

In summary, the workshop's outcomes encompassed conceptual clarity in quantum computing, practical skill development through hands-on programming, interdisciplinary academic enrichment, meaningful interaction with experts, and the cultivation of a motivated and collaborative learning community committed to exploring and advancing emerging quantum technologies.

PROFILES OF THE RESOURCE PERSONS

Profile of Resource Person: Dr.Jnan Yalla

Quantum Research Scientist,
IBM Hyderabad.

Jnan Yalla, is the Founder and Chief Technology Officer of IQ Leap and the chief research scientist at IBM research, CA, USA. Heis a prolific contributor to the quantum community, having authored over 40+ research preprints with a strong focus on the NISQ (Noisy Intermediate-Scale Quantum) era and QML applications. His work is well-regarded for its practical approach to complex problems, particularly in:

Quantum Machine Learning (QML): Developing variational classifiers and hybrid quantum-classical frameworks.

Quantum Optimization: Architecting algorithms like QEGQ and Q-Johnson for solving real-world logistics and pathfinding challenges.

Error Mitigation: Researching exact error-suppression bounds to make current quantum hardware more reliable for researchers and developers alike.

Beyond his personal research, Jnan is a recognized IBM Qiskit Advocate. He has been instrumental in growing the quantum ecosystem through his leadership in initiatives like the Qiskit Fall Fest and numerous workshops at premier technical institutions. He is known for making "quantum-native" thinking accessible to students, helping them move from theoretical physics to writing their first circuits.

As the Founder and CTO of IQ Leap Pvt. Ltd., Jnan works on bringing quantum-accelerated solutions to industries ranging from finance to supply chain management. His journey - starting deep research while still an undergraduate - serves as a powerful blueprint for students looking to pursue a high-impact career in research and deep-tech entrepreneurship.

Profile of Resource Person: Dr.S.Damodaraiah,
Asst. Professor,
Dept. of Physics
JNTU Pulivendula.

CURRICULUM VITAE

Dr. S. Damodaraiah,

Asst. Professor (Contract), Department of Physics,
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Mobile: +91-9966991079
E-Mail: ch.damu@gmail.com | ch.damuphy@jntua.ac.in

Profiles:

- Google scholar: https://scholar.google.com/citations?user=LlYO6bYAAAAJ&hl=en
- Research gate: https://www.researchgate.net/profile/Damodaraiah_S
- ORCID: https://orcid.org/0000-0002-7394-9829
- Scopus: Author ID: 57193328573
- Web of Science Researcher ID: **AAL-1421-2020**
- Vidwan Profile URL: https://vidwan.inflibnet.ac.in/profile/322783

Reviewer:

- ✓ Journal of material science
- ✓ Results in Physics
- ✓ Journal of Non-Crystalline Solids
- ✓ Chemical Physics Letters
- ✓ Ceramic International

Citations: 661 ***H-index: 15*** ***i10- index: 17***

Career Objective

*To leverage my expertise in **physics**, **quantum optics, and quantum computing** to foster cutting-edge research and inspire students through dynamic teaching. I aim to contribute meaningfully to scientific advancements and interdisciplinary innovation.*

Educational Qualifications

- ✓ **Ph.D. in Physics (2020)**
  - Sri Venkateswara University, Tirupati, India
  - **Thesis: Fluorescence kinetics of bismuth phosphate glasses for visible and infrared applications**.
- ✓ **M.Sc. in Physics (2007) [First Class]**
  - Sri Venkateswara University, Tirupati, India
- ✓ **B.Sc. (MPC) (2005) [First Class]**
  - Sri Venkateswara University, Tirupati, India
- ✓ **Intermediate (MPC)**, Board of Intermediate Education, A.P. (2002) **[Distinction]**

❖ **Qualified State Eligibility Test for Lecturer-ship (APSLET-2015).**

Research Experience:

- ❖ Over five years of research in rare earth-doped glasses for lasers and photonic devices.
- ❖ Specialized in fluorescence kinetics, photonic applications.

Awards/Fellowships:

- ❖ **Research Fellowship in Science for Meritorious Students (RFSMS) scheme** for pursuing my Ph.D. sponsored by University Grants Commission, New Delhi, Govt. of India.

Skills

- ❖ Programming & Tools: Python, R, C, Git, GitHub, LaTeX, Origin Software
- ❖ Quantum Computing Framework: Qiskit
- ❖ Experimental Techniques: UV-Vis-NIR Spectroscopy, FTIR

Teaching Experience

- Assistant Professor (Contract) in Physics, JNTUA College of Engineering, Pulivendula (February 2021 - Present).
- I assisted with theory, tutorial, and lab sessions for M.Sc. Physics and Spectroscopy students during my Ph.D. (2015 – 2020) at Sri Venkateswara University, Tirupati.
- Contract Lecturer in Physics, Govt. Polytechnic, Rayachoti (2011-2014).
- Contract Lecturer in Physics, Govt. Polytechnic, Vempalli (2008-2011).

Membership of National and International bodies:

- ✓ Indian Science Congress Association(ISCA)
- ✓ Rare earth Association of India (REAI)
- ✓ Indian Laser Association (ILA)

Books Published:

1. ***S. Damodaraiah,*** **Fluorescence kinetics of bismuth phosphate glasses, Lambert Academic Publishing, 2021, ISBN: 978-620-4-74101-7.**

Research Publications:

1. **S. Damodaraiah**, R.P. Vijaya Lakshmi, Y.C. Ratnakaram, Role of bismuth content on structural and luminescence properties of Ho^{3+} doped phosphate glasses, ***Journal of Molecular Structure*** *1200 (2020) 127157*.
2. **S. Damodaraiah**, V. Reddy Prasad, R.P. Vijaya Lakshmi, Y.C. Ratnakaram, Luminescence behaviour and phonon sideband analysis of europium doped Bi_2O_3 based phosphate glasses for red emitting device applications, ***Optical Materials*** 92 (2019) 352- 358.
3. **S. Damodaraiah**, V. Reddy Prasad, Y.C. Ratnakaram, Investigations on spectroscopic properties of Nd^{3+} doped alkali bismuth phosphate glasses for 1.053μm laser applications, ***Optics and Laser Technology*** 113 (2019) 322-329.
4. **S. Damodaraiah**, Y.C. Ratnakaram, Energy transfer studies and neutral to warm white light generation in Dy^{3+}-Sm^{3+} co-doped bismuth phosphate glasses for lighting applications, ***Journal of Luminescence*** 207 (2019) 553-560.
5. **S. Damodaraiah**, V. Reddy Prasad, Y.C. Ratnakaram, Investigation of Green and 1.53 μm emission characteristics of Er^{3+} doped bismuth phosphate glasses for laser applications, ***Journal of Alloys and Compounds*** 741 (2018) 269-280.
6. **S. Damodaraiah**, V. Reddy Prasad, Y. C. Ratnakaram, Structural and luminescence properties of Sm^{3+}-doped bismuth phosphate glass for orange-red photonic applications, ***Luminescence*** 2018; 33:594–603.
7. **S. Damodaraiah**, V. Reddy Prasad, Y.C. Ratnakaram**,** Impact of Bi_2O_3 on structural properties and lasing effects in Nd^{3+} doped bismuth phosphate glasses at 1.053 μm emission, ***Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*** 181 (2017) 264–269.
8. **S. Damodaraiah**, V. Reddy Prasad, S. Babu, Y.C. Ratnakaram, Structural and luminescence properties of Dy^{3+} doped bismuth phosphate glasses for greenish yellow light applications, ***Optical Materials*** 67 (2017) 14-24.
9. V. Reddy Prasad, **S. Damodaraiah**, Y.C. Ratnakaram and R.P. Vijaya Lakshmi, Near- UV-excited Dy^{3+}-doped calcium borophosphate (CBP) phosphors for white LED applications, ***Indian Journal of Physics 95 (2021) 157–161*** https://doi.org/10.1007/s12648-019- 01671-9

reddish orange light applications, ***Optical Materials*** 88 (2019) 7-14.

10. K. Anilkumar, S. **Damodaraiah**, S. Babu, V. Reddy Prasad, Y.C. Ratnakaram, Emission spectra and energy transfer studies in Dy^{3+} and Dy^{3+}/Eu^{3+} co-doped potassium fluorophosphate glasses for white light applications, ***Journal of Luminescence*** *205 (2019) 190-196.*
11. V. Reddy Prasad, B. Haritha, **S. Damodaraiah**, Y.C. Ratnakaram, Influence of Nd^{3+} and Er^{3+} concentration on NIR luminescence properties in calcium borophosphate (CBP) phosphors, ***Infrared Physics and Technology*** 94 (2018) 184–190.
12. V. Reddy Prasad, **S. Damodaraiah**, Y.C. Ratnakaram, Optical spectroscopy and luminescence properties of Ho^{3+} doped zinc fluorophosphate (ZFP) glasses for green luminescent device applications, ***Optical Materials*** 78 (2018) 63-71.
13. V. Reddy Prasad, **S. Damodaraiah**, S.N. Devara, Y.C. Ratnakaram, Photoluminescence studies on holmium (III) and praseodymium (III) doped calcium borophosphate (CBP) phosphors, ***Journal of Molecular Structure*** 1160 (2018) 383-392.
14. Kapuluri Anil Kumar, Singarapu Babu, Vasanthapalli Reddy Prasad, **Samadam Damodaraiah**, Yadala Chenchu Ratnakaram, Spectral investigations on Eu^{3+}, Sm^{3+}-doped and Sm^{3+}/Eu^{3+} co-doped potassium-fluoro-phosphate glass emitting intense orange-red for lighting applications, ***Luminescence*** 2017; 32: 1456–1465.
15. V. Reddy Prasad, **S. Damodaraiah**, M. Seshadri, S. Babu and Y.C. Ratnakaram, Intense orange emission in Pr^{3+} and NIR emission at 1.53 μm in Er^{3+} doped zinc phosphate glasses for potential broadband optical amplifier, ***Indian Journal of Physics*** 91 (2017) 1265-1275.
16. V. Reddy Prasad, **S. Damodaraiah**, S. Babu, Y.C. Ratnakaram, Structural, optical and luminescence properties of Sm^{3+} and Eu^{3+} doped calcium borophosphate phosphors for reddish-orange and red emitting light applications, ***Journal of Luminescence*** 187 (2017) 360–367.
17. K. Anil Kumar, S. Babu, V. Reddy Prasad, **S. Damodaraiah**, Y.C. Ratnakaram, Optical response and luminescence characteristics of Sm^{3+} and Tb^{3+}/Sm^{3+} co-doped potassium-fluoro-phosphate glasses for reddish-orange lighting applications, ***Materials Research Bulletin*** 90 (2017) 31–40.

SYNOPSIS OF THE TOPICS COVERED IN THE WORKSHOP

SYNOPSIS OF THE TOPICS COVERED

The workshop, **"Decoding the Quantum Computer: From Superposition to Supremacy – A Journey from Basics to Breakthroughs,"** covered a diverse range of topics designed to provide participants with a comprehensive understanding of **quantum computing concepts, algorithms, programming, and applications**. The synopsis of the topics covered in the workshop includes:

1. **Inauguration & Inaugural Address:**
   - The workshop commenced with an inaugural session, setting the tone for the programme and emphasizing the importance of quantum computing as a future-defining technology. The inaugural addresses highlighted national initiatives such as the **National Quantum Mission** and the growing relevance of quantum technologies in academia and industry.
2. **Why Quantum Computing? & Recent Breakthroughs:**
   - Dr. Janan Yalla, IBM, Hyderabad, explained the motivation behind quantum computing, the limitations of classical computing, and recent breakthroughs that have accelerated global interest in quantum technologies.
3. **Quantum Computing Fundamentals:**
   - This session introduced the basic principles of quantum computing, including qubits, superposition, entanglement, and quantum measurement, providing participants with a strong conceptual foundation.
4. **Quantum Gates and Circuits:**
   - Dr. S. Damodaraiah, JNTU Pulivendula, discussed quantum gates, circuit models, and their role in quantum computation, explaining the concepts in a lucid and systematic manner suitable for beginners.
5. **Quantum Algorithms:**
   - Key quantum algorithms such as **Deutsch–Jozsa, Grover's Search, and Shor's Algorithm** were presented, demonstrating how quantum algorithms achieve significant speedups over classical approaches.
6. **Quantum Programming with Qiskit:**
   - A hands-on session using **Qiskit** provided practical exposure to quantum programming, enabling participants to design, simulate, and analyze quantum circuits using IBM Quantum platforms.
7. **Applications and NISQ Promise & FASQs:**
   - The concluding sessions focused on real-world applications of quantum computing, the significance of the **NISQ era**, and **Future Application-Specific Quantum Solutions (FASQs)**, offering insights into current challenges and future possibilities.

Through these diverse topics, the workshop aimed to provide a **holistic understanding of quantum computing**, encourage **interdisciplinary learning and collaboration**, and inspire participants to actively engage with emerging technologies through education, research, and innovation.

PROGRAMME SCHEDULE

A.S.D.GOVT. DEGREE COLLEGE FOR WOMEN (A)

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DEPARTMENTS OF PHYSICS & COMPUTER SCIENCE

A Two-Day National Workshop

on

"Decoding the Quantum Computer: From Superposition to Supremacy"

A journey from Basics to Breakthroughs

27th & 28th January 2026

Programme Schedule- Day 1

9.30 AM to 10.00 AM : REGISTRATION

10.00 AM to 11.30 AM : **Inaugural Session**

11.30 AM to 11.40 AM : Break

TECHNICAL SESSION 1:

11.40 AM to 01.10 PM : **Why Quantum & recent breakthroughs**

Resource Person: Dr.Jnan Yalla
IBM, Hyderabad

01.10 PM to 02.00 PM : Lunch break

TECHNICAL SESSION 2:

02.00 PM to 03.30 PM : **Introduction to Quantum Gates**

Resource Person: Dr.S.Damodaraiah,
Asst. Professor, Dept. of Physics,
JNTU Pulivendula.

03.30 PM to 03.40 PM : Tea Break

TECHNICAL SESSION 3:

03.40 PM to 05.30 PM : **Algorithms-1: Deutsch-Jozsa, Grover's Search,and Quantum quadratic/exponential speedups**

Resource Person: Dr.Jnan Yalla
IBM, Hyderabad

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DEPARTMENTS OF PHYSICS & COMPUTER SCIENCE

A Two-Day National Workshop

on

"Decoding the Quantum Computer: From Superposition to Supremacy"

A journey from Basics to Breakthroughs

27th & 28th January 2026

Programme Schedule-Day 2

TECHNICAL SESSION 4:

9.30 AM to 11.30 AM : **Algorithms-2: Shor's algorithm & QAOA,VQE and Quantum Anneling**

Resource Person: Dr.Jnan Yalla
IBM, Hyderabad

11.30 AM to 11.40 : Break

TECHNICAL SESSION 5:

11.40 AM to 01.10 PM : **Qiskit Demonstration**

Resource Person: Dr.S.Damodaraiah,
Asst. Professor, Dept. of Physics,
JNTU Pulivendula.

01.10 PM to 02.00 PM : Lunch break

TECHNICAL SESSION 6:

02.00 PM to 03.30 PM : **Applications and NISQ Promise & FASQs**

Resource Person: Dr.Jnan Yalla
IBM, Hyderabad

03.30 PM to 03.40 PM : Tea Break

03.40 PM to 05.00 PM : Valedictory

LIST OF PARTICIPANTS

A.S.D.GOVT. DEGREE COLLEGE FOR WOMEN (A)

DEPARTMENTS OF PHYSICS & COMPUTER SCIENCE

Two - Day National Workshop on

"Decoding the Quantum Computer: From Superposition to Supremacy"

27&28 January, 2026

LIST OF PARTICIPANTS

S.No.	Name of the Participant	Name of the College
1.	Dr.V.Anantha lakshmi	A.S.D.Govt. Degree College for Women (A)
2.	Dr.M.Suvarchala	A.S.D.Govt. Degree College for Women (A)
3.	M.Vasantha Lakshmi	A.S.D.Govt. Degree College for Women (A)
4.	Dr.K.Jhansi Lakshmi	A.S.D.Govt. Degree College for Women (A)
5.	P.Leena	A.S.D.Govt. Degree College for Women (A)
6.	Dr.K.Yamuna	A.S.D.Govt. Degree College for Women (A)
7.	G.Pavani Devi	A.S.D.Govt. Degree College for Women (A)
8.	Y.Sita maha Lakshmi	A.S.D.Govt. Degree College for Women (A)
9.	D.Jaya sri	A.S.D.Govt. Degree College for Women (A)
10.	Dr.K.Syamala Devi	A.S.D.Govt. Degree College for Women (A)
11.	Dr. D.Krishna Gayathri	A.S.D.Govt. Degree College for Women (A)
12.	Dr.M.Sulakshana	A.S.D.Govt. Degree College for Women (A)
13.	Dr.G.Sowjanya	A.S.D.Govt. Degree College for Women (A)
14.	Dr. P.Santhi	A.S.D.Govt. Degree College for Women (A)
15.	N.P.V.Lakshmi Devi	A.S.D.Govt. Degree College for Women (A)
16.	R.R.D.Sirisha	A.S.D.Govt. Degree College for Women (A)
17.	K.N.V.S.N.Eswari	A.S.D.Govt. Degree College for Women (A)
18.	Dr.R. Aruna Devi	A.S.D.Govt. Degree College for Women (A)
19.	K.Kranthi	A.S.D.Govt. Degree College for Women (A)
20.	Dr.K.N.B.Kumari	A.S.D.Govt. Degree College for Women (A)
21.	Dr.B.Suryanarayana Devara	A.S.D.Govt. Degree College for Women (A)
22.	D.Venkata Surya lakshmi	A.S.D.Govt. Degree College for Women (A)
23.	N.N.Subrahmanyeswari	A.S.D.Govt. Degree College for Women (A)
24.	K. Surya Lakshmi	A.S.D.Govt. Degree College for Women (A)
25.	P.S.V.D.M.Ballabamba	A.S.D.Govt. Degree College for Women (A)
26.	A.Gowri Sri Lalitha	A.S.D.Govt. Degree College for Women (A)
27.	G.Sowmya	A.S.D.Govt. Degree College for Women (A)
28.	V.Geetha Staya Sri	A.S.D.Govt. Degree College for Women (A)
29.	G. Sridevi	A.S.D.Govt. Degree College for Women (A)
30.	Pakalapati KrishnaVeni	A.S.D.Govt. Degree College for Women (A)
31.	C.Hymavathi	A.S.D.Govt. Degree College for Women (A)
32.	P.Anusha	A.S.D.Govt. Degree College for Women (A)
33.	K.Mounika Lakshmi	A.S.D.Govt. Degree College for Women (A)
34.	N.Vijaya Chinni	A.S.D.Govt. Degree College for Women (A)
35.	R.Lakshmi Parvathi	A.S.D.Govt. Degree College for Women (A)
36.	Samsni Divya Kumari	A.S.D.Govt. Degree College for Women (A)
37.	Allu Praneetha	A.S.D.Govt. Degree College for Women (A)
38.	L.Sareena	A.S.D.Govt. Degree College for Women (A)
39.	M. Venkata Lakshmi	A.S.D.Govt. Degree College for Women (A)
40.	V.Pavani	A.S.D.Govt. Degree College for Women (A)
41.	Pampanabona Veeralakshmi Devi	A.S.D.Govt. Degree College for Women (A)
42.	D.Devi Sri MahaLakshmi	A.S.D.Govt. Degree College for Women (A)

43.	K.Jabha	A.S.D.Govt. Degree College for Women (A)
44.	Mendi Navya Sri	A.S.D.Govt. Degree College for Women (A)
45.	Pilli.Satya Pavani	A.S.D.Govt. Degree College for Women (A)
46.	G.Sandhya Rani	A.S.D.Govt. Degree College for Women (A)
47.	K.Revathi	A.S.D.Govt. Degree College for Women (A)
48.	G.Mani	A.S.D.Govt. Degree College for Women (A)
49.	S.Kanchana	A.S.D.Govt. Degree College for Women (A)
50.	V.Satya Joshna	A.S.D.Govt. Degree College for Women (A)
51.	Y.Bhargavi	A.S.D.Govt. Degree College for Women (A)
52.	P.Dhana Harika	A.S.D.Govt. Degree College for Women (A)
53.	B.Praneetha	A.S.D.Govt. Degree College for Women (A)
54.	A.Jyothi	A.S.D.Govt. Degree College for Women (A)
55.	Ch. Tesjasri	A.S.D.Govt. Degree College for Women (A)
56.	K. Bhargavi	A.S.D.Govt. Degree College for Women (A)
57.	K.Santhi	A.S.D.Govt. Degree College for Women (A)
58.	Palepu.Veeraveni	A.S.D.Govt. Degree College for Women (A)
59.	Oleti.Mounika	A.S.D.Govt. Degree College for Women (A)
60.	Maddila Madhavi	A.S.D.Govt. Degree College for Women (A)
61.	Ruttala.Keerthana	A.S.D.Govt. Degree College for Women (A)
62.	Sabbi.Harika	A.S.D.Govt. Degree College for Women (A)
63.	Madakam LovaSri	A.S.D.Govt. Degree College for Women (A)
64.	Turangi DurgaBhavani	A.S.D.Govt. Degree College for Women (A)
65.	Devarapu Sailaja	A.S.D.Govt. Degree College for Women (A)
66.	Nathi.Keerthi	A.S.D.Govt. Degree College for Women (A)
67.	Palla.Amrutha	A.S.D.Govt. Degree College for Women (A)
68.	Shaik.Basheeramma	A.S.D.Govt. Degree College for Women (A)
69.	Gudapti.Kavya Sri	A.S.D.Govt. Degree College for Women (A)
70.	Shaik.Ajmanisha	A.S.D.Govt. Degree College for Women (A)
71.	Vasamsetti.TejaSri Suryakala	A.S.D.Govt. Degree College for Women (A)
72.	ErellaManju Bhargavi	A.S.D.Govt. Degree College for Women (A)
73.	Vakapalli.Sanjana	A.S.D.Govt. Degree College for Women (A)
74.	Oleti.Sindhu Bhairavi	A.S.D.Govt. Degree College for Women (A)
75.	Peruri.UmaDevi	A.S.D.Govt. Degree College for Women (A)
76.	Anisetti.Satya Veni	A.S.D.Govt. Degree College for Women (A)
77.	Damalanka Lakshmi Ragini	A.S.D.Govt. Degree College for Women (A)
78.	Undru Mani Kumari	A.S.D.Govt. Degree College for Women (A)
79.	Chilalaka Spoorti	A.S.D.Govt. Degree College for Women (A)
80.	Busi Prasanna	A.S.D.Govt. Degree College for Women (A)
81.	Isukapatla Sanjana	A.S.D.Govt. Degree College for Women (A)
82.	Mohammad Ayeshabibi	A.S.D.Govt. Degree College for Women (A)
83.	Tarapatla Sindhu	A.S.D.Govt. Degree College for Women (A)
84.	V.Sai Harshika	A.S.D.Govt. Degree College for Women (A)
85.	P.Ramya	A.S.D.Govt. Degree College for Women (A)
86.	R.Durga Bhavani	A.S.D.Govt. Degree College for Women (A)
87.	SANGADI KARUNA	A.S.D.Govt. Degree College for Women (A)
88.	MADADHA RENUKA SRI SAI VENNELA	A.S.D.Govt. Degree College for Women (A)
89.	NURUKURTHI DEEPTHIKA	A.S.D.Govt. Degree College for Women (A)
90.	MEKALA YAMINI	A.S.D.Govt. Degree College for Women (A)
91.	GANDAVARAPU SIRISHA	A.S.D.Govt. Degree College for Women (A)
92.	VADLAMURI JAYA SAI AKSHAYA	A.S.D.Govt. Degree College for Women (A)
93.	DANDUPROLU KANCHANA	A.S.D.Govt. Degree College for Women (A)
94.	TEKUMUDI GAYATRI	A.S.D.Govt. Degree College for Women (A)
95.	VIPPARTHI GOWRI	A.S.D.Govt. Degree College for Women (A)

96.	KOTA SIVA DEEPIKA	A.S.D.Govt. Degree College for Women (A)
97.	PAILA YASHODA	A.S.D.Govt. Degree College for Women (A)
98.	JOGI NAVYA TEJASWI	A.S.D.Govt. Degree College for Women (A)
99.	MYPALA VENKATA NAGA LAKSHMI	A.S.D.Govt. Degree College for Women (A)
100.	MULAKAPATI SANDHYA	A.S.D.Govt. Degree College for Women (A)
101.	LOLLA JYOTHIKA	A.S.D.Govt. Degree College for Women (A)
102.	ANUPOJU KRISHNA VIJAYA LAKSHMI	A.S.D.Govt. Degree College for Women (A)
103.	MOKANA AKHIRA NANDINI	A.S.D.Govt. Degree College for Women (A)
104.	DASARI BHARGAVI SURYAVATHI	A.S.D.Govt. Degree College for Women (A)
105.	KAMMARA RAMYATEJA	A.S.D.Govt. Degree College for Women (A)
106.	BANDI SWEETY	A.S.D.Govt. Degree College for Women (A)
107.	GANDI RUDRANI	A.S.D.Govt. Degree College for Women (A)
108.	NARALA LAVANYA CHANDRA KALA	A.S.D.Govt. Degree College for Women (A)
109.	KANDIKATLA LIKITHA	A.S.D.Govt. Degree College for Women (A)
110.	DESABATTULA DIVYA	A.S.D.Govt. Degree College for Women (A)
111.	NELAPARTHI DEVI	A.S.D.Govt. Degree College for Women (A)
112.	BOGA HARITHA	A.S.D.Govt. Degree College for Women (A)
113.	N. Sri devi	A.S.D.Govt. Degree College for Women (A)
114.	K. Jyothi	A.S.D.Govt. Degree College for Women (A)
115.	R.S.S. Shivani	A.S.D.Govt. Degree College for Women (A)
116.	P. Reshma devi	A.S.D.Govt. Degree College for Women (A)
117.	P. Bhuvana	A.S.D.Govt. Degree College for Women (A)
118.	S. Revathi	A.S.D.Govt. Degree College for Women (A)
119.	N. Surekha	A.S.D.Govt. Degree College for Women (A)
120.	P.V. Nandini	A.S.D.Govt. Degree College for Women (A)
121.	M.S. Gayathri	A.S.D.Govt. Degree College for Women (A)
122.	R.J. Tejaswari	A.S.D.Govt. Degree College for Women (A)
123.	N. Kavya	A.S.D.Govt. Degree College for Women (A)
124.	A.S.V.N. Bhagya sri	A.S.D.Govt. Degree College for Women (A)
125.	G.D. Amrutha	A.S.D.Govt. Degree College for Women (A)
126.	K. Ramya sridevi	A.S.D.Govt. Degree College for Women (A)
127.	P. Divya subba Lakshmi	A.S.D.Govt. Degree College for Women (A)
128.	O. Mercy	A.S.D.Govt. Degree College for Women (A)
129.	AKULA JAYASREE	A.S.D.Govt. Degree College for Women (A)
130.	NEKKALA KUSUMA	A.S.D.Govt. Degree College for Women (A)
131.	CHITIMISETTI VIJAYASARANYA	A.S.D.Govt. Degree College for Women (A)
132.	PEMMADI DEVIHARSHINI	A.S.D.Govt. Degree College for Women (A)
133.	MAROTHU MADHU SRI	A.S.D.Govt. Degree College for Women (A)
134.	PEMMADI NAVYA SRI	A.S.D.Govt. Degree College for Women (A)
135.	DUDA CHANDRIKA	A.S.D.Govt. Degree College for Women (A)
136.	MUMMASANI SIRI	A.S.D.Govt. Degree College for Women (A)
137.	DHARMADI BHUMIKA	A.S.D.Govt. Degree College for Women (A)
138.	PATTA DIVYA	A.S.D.Govt. Degree College for Women (A)
139.	CHEPPULA ESWARI	A.S.D.Govt. Degree College for Women (A)
140.	PEDIREDDI LALITHA	A.S.D.Govt. Degree College for Women (A)
141.	VYDADI PAVANI SAI	A.S.D.Govt. Degree College for Women (A)
142.	SHAIK FATHIMUNNISA	A.S.D.Govt. Degree College for Women (A)
143.	PYLA MEENAKSHI	A.S.D.Govt. Degree College for Women (A)
144.	PYLA VASANTHI	A.S.D.Govt. Degree College for Women (A)
145.	DRAKSHARAPU SAILAJA	A.S.D.Govt. Degree College for Women (A)
146.	YALLAMILLI LEELA SOWMYA	A.S.D.Govt. Degree College for Women (A)
147.	M.MOUNIKA MAHALAKSHMI	A.S.D.Govt. Degree College for Women (A)
148.	DOKKADI DHANASHINI	A.S.D.Govt. Degree College for Women (A)
149.	TITHI VENU KUMARI	A.S.D.Govt. Degree College for Women (A)

150.	KARAKATI CHAITHANYA	A.S.D.Govt. Degree College for Women (A)
151.	TIRAGATI ANUPAMA	A.S.D.Govt. Degree College for Women (A)
152.	MORTHA MANISHA JYOTHSNA	A.S.D.Govt. Degree College for Women (A)
153.	ACHANTA SATYA SRI	A.S.D.Govt. Degree College for Women (A)
154.	RELANGI CHANDRAKALA	A.S.D.Govt. Degree College for Women (A)
155.	K J L D SATYA MANIKYAMBA	A.S.D.Govt. Degree College for Women (A)
156.	ANUSURI VEERA KUMARI	A.S.D.Govt. Degree College for Women (A)
157.	SANNIBOINA DAIVA KRUPA	A.S.D.Govt. Degree College for Women (A)
158.	GANGULURI PRINCE JOY	A.S.D.Govt. Degree College for Women (A)
159.	SHAIK GOUSIA BEGUM	A.S.D.Govt. Degree College for Women (A)
160.	ANUKULA LAKSHMI SOWJANYA	A.S.D.Govt. Degree College for Women (A)
161.	BATHULA DURGA	A.S.D.Govt. Degree College for Women (A)
162.	GANISETTI SAI DEEPIKA	A.S.D.Govt. Degree College for Women (A)
163.	NOKKU RAMALAKSHMI	A.S.D.Govt. Degree College for Women (A)
164.	BODDU SINDHU	A.S.D.Govt. Degree College for Women (A)
165.	Mortha keerthi	A.S.D.Govt. Degree College for Women (A)
166.	S.Ramya	A.S.D.Govt. Degree College for Women (A)
167.	Dr.D.Rama Rao	Govt.Degree College,Baruva
168.	Dr. D.V.S.S.V.Prasad	Aditya University,Surempalem
169.	U.V.B.B.Krishna Prasad	Govt. Degree College,Pithapuram
170.	R. Venkata Satyanarayana	P. R.Govt. Degree College,Kakinada
171.	N.Tulasi Lakshmi	Govt. Degree College,Mummidivaram
172.	Ponukumatia Jyothi	P. R.Govt. Degree College,Kakinada
173.	Kandikatla Chitti Babu	Govt.Degree College,Mummidivaram
174.	K.Venkateswara Rao	Govt.Degree College,Yeleswaram
175.	D.V.S.Sharma	SVKP&Dr.K.S Raju Arts and Science College,Penugonda
176.	G.D.Srinivasa Reddy	SVKP&Dr.K.S Raju Arts and Science College,Penugonda
177.	P.Hima Bindu	Aditya Degree College,Gopalapatnam,vskp
178.	V.Deepthi	S.K.V.T.Govt.Degree College,Rajamundry
179.	K.Sarojini	S.K.V.T.Govt.Degree College,Rajamundry
180.	K.Sarada	S.K.V.T.Govt.Degree College,Rajamundry
181.	Y.Padmaja	Govt.Degree College, pithapuram
182.	Konda. Satish Kumar	Aditya Degree College
183.	k.jaya prasanth	Adikavi Nannaya University,Rajamundry
184.	G.Satya suneetha	Govt.Degree College, kovvur
185.	K.Jaya Prasanth	Aadikavi Nannaya University,Rajamundry
186.	K.L.Maha Lakshmi	Aditya University,Surempalam
187.	M.varashini	Aditya University,Surempalam
188.	M.Akshaya	Aditya University,Surempalam
189.	P.Bhadra Lasya	Aditya University,Surempalam
190.	A.V.S.Manikanta	Aditya University,Surempalam
191.	Y.Satya Anunay	Aditya University,Surempalam
192.	K.S.R.Vikranth	Aditya University,Surempalam
193.	N.Madhusudhan Reddy	Aditya University,Surempalam
194.	A.Pranav	Aditya University,Surempalam
195.	B.Harinath	Aditya University,Surempalam
196.	R.Lakshmi Prasanna	P.R.Govt.Degree College,Kakinada
197.	B.Santosh	P.R.Govt.Degree College,Kakinada
198.	SD.MD.Jani	P.R.Govt.Degree College,Kakinada
199.	B.Neelima	S.K.V.T.Govt Degree College,Rajamundry
200.	K.Kumari	S.K.V.T.Govt Degree College,Rajamundry
201.	B.Kumari	S.K.V.T.Govt Degree College,Rajamundry

202.	B.TejaSri	S.K.V.T.Govt Degree College,Rajamundry
203.	A.Sailaja Lakshmi Durga	S.K.V.T.Govt Degree College,Rajamundry
204.	B.Siva Kumari	S.K.V.T.Govt Degree College,Rajamundry
205.	P.Dheena	S.K.V.T.Govt Degree College,Rajamundry
206.	L.V.E.Indira Priya Darshini	S.K.V.T.Govt Degree College,Rajamundry
207.	R.Meghana	S.K.V.T.Govt Degree College,Rajamundry
208.	K.Deepika	S.K.V.T.Govt Degree College,Rajamundry
209.	Jagan Kumar Tata	Aditya Degree College
210.	Arigela Swamy Sai Sr	Aditya Degree College
211.	Makaraju Akshaya	Aditya Degree College
212.	Lalitha Mahalakshmi	Aditya Degree College
213.	Pekati Bhadra Lasya	Aditya Degree College

ATTENDANCE SHEETS

A.S.D. GOVERNMENT DEGREE COLLEGE FOR WOMEN(A), KAKINADA

TWO DAY NATIONAL WORKSHOP ON

"DECODING THE QUANTUM COMPUTER: FROM SUPERPOSITION TO SUPREMACY"

DEPARTMENT OF PHYSICS & COMPUTER SCIENCE - 27th & 28th January 2026

Attendance Sheet

S.NO	NAME OF THE LECTURER	NAME OF THE COLLEGE	27-01-2026		28-01-2026	
			FN	AN	FN	AN
1	Dr.V.Anantha lakshmi	A.S.D.Govt. Degree College for Women (A)				
2	Dr.M.Suvarchala	A.S.D.Govt. Degree College for Women (A)				
3	M.Vasantha Lakshmi	A.S.D.Govt. Degree College for Women (A)				
4	Dr.K.Jhansi Lakshmi	A.S.D.Govt. Degree College for Women (A)				
5	P.Leena	A.S.D.Govt. Degree College for Women (A)				
6	Dr.K.Yamuna	A.S.D.Govt. Degree College for Women (A)				
7	G.Pavani Devi	A.S.D.Govt. Degree College for Women (A)				
8	Y.Sita maha Lakshmi	A.S.D.Govt. Degree College for Women (A)				
9	D.Jaya sree	A.S.D.Govt. Degree College for Women (A)				
10	Dr.K.Syamala Devi	A.S.D.Govt. Degree College for Women (A)				
11	Dr. D.Krishna Gayathri	A.S.D.Govt. Degree College for Women (A)				
12	Dr.M.Sulakshana	A.S.D.Govt. Degree College for Women (A)				
13	Dr.G.Sowjanya	A.S.D.Govt. Degree College for Women (A)				
14	Dr. P.Santhi	A.S.D.Govt. Degree College for Women (A)				
15	N.P.V.Lakshmi Devi	A.S.D.Govt. Degree College for Women (A)				
16	R.R.D.Sirisha	A.S.D.Govt. Degree College for Women (A)				
17	K.N.V.S.N.Eswari	A.S.D.Govt. Degree College for Women (A)				
18	Dr.R. Aruna Devi	A.S.D.Govt. Degree College for Women (A)				
19	K.Kranthi	A.S.D.Govt. Degree College for Women (A)				
20	Dr.K.N.B.Kumari	A.S.D.Govt. Degree College for Women (A)				
21	Dr.B.Suryanarayana Devara	A.S.D.Govt. Degree College for Women (A)				
22	D.Venkata Surya lakshmi	A.S.D.Govt. Degree College for Women (A)				
23	N.N.Subrahmanyeswari	A.S.D.Govt. Degree College for Women (A)				
24	K. Surya Lakshmi	A.S.D.Govt. Degree College for Women (A)				
25	P.S.V.D.M.Ballabamba	A.S.D.Govt. Degree College for Women (A)				
26	A.Gowri Sri Lalitha	A.S.D.Govt. Degree College for Women (A)				
27	G.Sowmya	A.S.D.Govt. Degree College for Women (A)				
28	V.Geetha Staya Sri	A.S.D.Govt. Degree College for Women (A)				
29	G. Sridevi	A.S.D.Govt. Degree College for Women (A)				

A.S.D. GOVERNMENT DEGREE COLLEGE FOR WOMEN(A), KAKINADA

TWO DAY NATIONAL WORKSHOP ON

"DECODING THE QUANTUM COMPUTER: FROM SUPERPOSITION TO SUPREMACY"

DEPARTMENT OF PHYSICS & COMPUTER SCIENCE - 27th & 28th January 2026

Attendance Sheet

S.NO	NAME OF THE STUDENT	NAME OF THE COLLEGE	27-01-2026		28-01-2026	
			FN	AN	FN	AN
1	Dr.D.Rama Rao	Govt.Degree College,Baruva	Dr.D.Ramarao	Dr.D.Ramarao	Dr.D.Ramarao	Dr.D.Ramarao
2	Dr. D.V.S.S.V.Prasad	Aditya University,Surempalem	D.V.S.Prasad.	D.V.S.Prasad.	D.V.S prasad	D.V.S prasad
3	U.V.B.B.Krishna Prasad	Govt. Degree College,Pithapuram	U.V.B.Prasad	U.V.B.Prasad	U.V.B.Prasad	U.V.B.Prasad
4	R. Venkata Satyanarayana	P. R.Govt. Degree College,Kakinada				
5	N.Tulasi Lakshmi	Govt. Degree College,Mummidivaram				
6	Ponukumatia Jyothi	P. R.Govt. Degree College,Kakinada	P.Jyothi	P.Jyothi	P.Jyothi	P.Jyothi
7	Dr. Kandikatla Chitti Babu	Govt.Degree College,Mummidivaram				
8	K.Venkateswara Rao	Govt.Degree College,Yeleswaram	K.venkat	K.venkat	K.venkat	K.venkat
9	D.V.S.Sharma	SVKP&Dr.K.S Raju Arts and Science College,Penugonda	DVS	DVS	DVS	DVS
10	G.D.Srinivasa Reddy	SVKP&Dr.K.S Raju Arts and Science College,Penugonda	@	@	@	@
11	P.Hima Bindu	Aditya Degree & PG College, Gopalapatnam, VSKP. Aditya University,Surempalem	P.Hima Bindu	P.Hima Bindu	P.Hima Bindu	P.Hima Bindu
12	V.Deepthi	S.K.V.T.Govt.Degree College,Rajamundry	V.Deepthi	V.Deepthi	V.Deepthi	V.Deepthi
13	K.Sarojini	S.K.V.T.Govt.Degree College,Rajamundry	K.Sarojini	K.Sarojini	K.Sarojini	K.Sarojini
14	K.Sarada	S.K.V.T.Govt.Degree College,Rajamundry	K.Sarada	K.Sarada	K.Sarada	K.Sarada
15	Y.Padmaja	G.Govt. Degree college, Pithapuram	Y.Padmaja	Y.Padmaja	Y.Padmaja	Y.Padmaja
16	Konda. Satish Kumar	Aditya Degree College	K.Satish kumar	K.Satish kumar	K.Satish kumar	K.Satish kumar
17	K.Jaya Prasanth	Adikavi Nannay University, RJY.				
18	G. Satya Swetha	GDC Kovvur				

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DEPARTMENT OF PHYSICS & COMPUTER SCIENCE - 27th & 28th January 2026

Attendance Sheet

S.NO	NAME OF THE STUDENT	NAME OF THE GROUP	NAME OF THE COLLEGE	27-01-2026		28-01-2026	
				FN	AN	FN	AN
1	Pakalapati KrishnaVeni	II B.Sc.(Physics)	A.S.D.Govt. Degree College for Women (A)	P.krishna veni	P.krishnaveni	P.krishna veni	P.krishna veni
2	Ch.Hymavathi	II B.Sc.(Physics)	A.S.D.Govt. Degree College for Women (A)	ch.Hymavathi	ch.Hymavathi	ch.Hymavathi	ch.Hymavathi
3	R.Anusha	II B.Sc.(Physics)	A.S.D.Govt. Degree College for Women (A)	R.Anusha	R.Anusha	R.Anusha	R.Anusha
4	K.Monika Lakshmi	II B.Sc.(Physics)	A.S.D.Govt. Degree College for Women (A)	K.Monikalakshmi	K.Monikalakshmi	K.Monikalakshmi	K.Monikalakshmi
5	N.Vijaya Chinni	II B.Sc.(Physics)	A.S.D.Govt. Degree College for Women (A)	N.vijaya Chinni	N.v.chinni	N.v.Chinni	N.v.Chinni
6	R.Lakshmi Parvathi	II B.Sc.(Physics)	A.S.D.Govt. Degree College for Women (A)	R.Laxmiparvathi	R.Laxmiparvathi	R.Laxmiparvathi	R.Laxmiparvathi
7	Samsni Divya Kumari	II B.Sc.(Physics)	A.S.D.Govt. Degree College for Women (A)	S.Divyakumari	S.Divyakumari	S.Divyakumari	S.Divyakumari
8	Allu Praneetha	II B.Sc.(Physics)	A.S.D.Govt. Degree College for Women (A)	A.praneetha	A.praneetha	A.praneetha	A.praneetha
9	L.Sareena	II B.Sc.(Physics)	A.S.D.Govt. Degree College for Women (A)	L.Sareena	L.Sareena	L.Sareena	L.Sareena
10	M. Venkata Lakshmi	II B.Sc.(Physics)	A.S.D.Govt. Degree College for Women (A)	M.v.Lakshmi	M.v.Lakshmi	M.v.Lakshmi	M.v.Lakshmi
11	V.Pavani	II B.Sc.(Chemistry)	A.S.D.Govt. Degree College for Women (A)	V.Pavani	V.Pavani	V.Pavani	V.Pavani
12	Pampanabona Veeralakshmi Devi	II B.Sc.(Maths)	A.S.D.Govt. Degree College for Women (A)	P.VLDevi	P.VLDevi	P.VLDevi	P.VLDevi
13	D.Devi Sri MahaLakshmi	II B.Sc.(Maths)	A.S.D.Govt. Degree College for Women (A)	D.D.Srimahalakshmi	D.D.Srimahalakshmi	D.D.Srimahalakshmi	D.D.Srimahalakshmi
14	K.Jabha	II B.Sc.(Maths)	A.S.D.Govt. Degree College for Women (A)	K.Jabha	K.Jabha	K.Jabha	K.Jabha
15	Mendi Navya Sri	II B.Sc.(Maths)	A.S.D.Govt. Degree College for Women (A)	M.Navya Sri	M.Navya Sri	M Navya Sri	M.Navya Sri
16	Pilli.Satya Pavani	II B.Sc.(Maths)	A.S.D.Govt. Degree College for Women (A)	P.Satya Pavani	P.Satya Pavani	P.Satya Pavani	P.Satya Pavani
17	G.Sandhya Rani	II B.Sc.(Maths)	A.S.D.Govt. Degree College for Women (A)	G.Sandhyarani	G.Sandhya rani	G.Sandhya rani	G.Sandhya rani
18	K.Revathi	II B.Sc.(Maths)	A.S.D.Govt. Degree College for Women (A)	K.Revathi	K.Revathi	K.Revathi	K.Revathi
19	G.Mani	II B.Sc.(Maths)	A.S.D.Govt. Degree College for Women (A)	G.mani	G.mani	G.mani	G.mani
20	S.Kanchana	II B.Sc.(Maths)	A.S.D.Govt. Degree College for Women (A)	S.kanchana	S.kanchana	S.kanchana	S.kanchana
21	V.Satya Joshna	II B.Sc.(Maths)	A.S.D.Govt. Degree College for Women (A)	V.Satya Jyoshna	V.Satya Jyoshna	V.Satya Jyoshna	V.Satya Jyoshna
22	Y.Bhargavi	II B.Sc.(Maths)	A.S.D.Govt. Degree College for Women (A)	Y.Bhargavi	Y.Bhargavi	Y.Bhargavi	Y.Bhargavi
23	P.Dhana Harika	II B.Sc.(Maths)	A.S.D.Govt. Degree College for Women (A)	P.Dhanaharika	P.Dhanaharika	P.Dhanaharika	P.Dhanaharika
24	B.Praneetha	II B.Sc.(Maths)	A.S.D.Govt. Degree College for Women (A)	B.praneetha	B.praneetha	B.praneetha	B.praneetha
25	A.Jyothi	II B.Sc.(Maths)	A.S.D.Govt. Degree College for Women (A)	A.Jyothi	A.Jyothi	A.Jyothi	A.Jyothi
26	Ch. Tesjasri	II B.Sc.(Maths)	A.S.D.Govt. Degree College for Women (A)	Ch.Tejasri	ch.Tejasri	Ch.Tejasri	ch.Tejasri
27	K. Bhargavi	II B.Sc.(Maths)	A.S.D.Govt. Degree College for Women (A)	K.Bhargavi	K.Bhargavi	K.Bhargavi	K.Bhargavi
28	K.Santhi	II B.Sc.(Computer Science)	A.S.D.Govt. Degree College for Women (A)	K.Santhi	K.Santhi	K.Santhi	K.Santhi
29	Palepu.Veeraveni	II B.Sc,Computer Science	A.S.D.Govt. Degree College for Women (A)	P.Veeraveni	P.Veeraveni	P.Veeraveni	P.Veeraveni
30	Oleti.Mounika	II B.Sc,Computer Science	A.S.D.Govt. Degree College for Women (A)	O.Mounika	O.Mounika	O.Mounika	O.Mounika
31	Maddila Madhavi	II B.Sc,Computer Science	A.S.D.Govt. Degree College for Women (A)	M.Madhavi	M.Madhavi	M.Madhavi	M.Madhavi
32	Ruttala.Keerthana	II B.Sc,Computer Science	A.S.D.Govt. Degree College for Women (A)	R.Keerthana	R.Keerthana	R.Keerthana	R.Keerthana
33	Sabbi.Harika	II B.Sc,Computer Science	A.S.D.Govt. Degree College for Women (A)	Harika	Harika	Harika	Harika
34	Madakam LovaSri	II B.Sc,Computer Science	A.S.D.Govt. Degree College for Women (A)	M.lovasai	M.lovasai	M.lovasai	M.lovasai
35	Turangi DurgaBhavani	II B.Sc,Computer Science	A.S.D.Govt. Degree College for Women (A)	T.Durgabhavani	T.Durgabhavani	T.Durgabhavani	T.Durgabhavani
36	Devarapu Sailaja	II B.Sc,Computer Science	A.S.D.Govt. Degree College for Women (A)	D.sailaja	D.sailaja	D.sailaja	D.sailaja

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Attendance Sheet

S.NO	NAME OF THE STUDENT	NAME OF THE COLLEGE	27-01-2026		28-01-2026	
			FN	AN	FN	AN
1	K.Jaya Prasanth	Aadikavi Nannaya University,Rajamundry				
2	K.L.Maha Lakshmi	Aditya University,Surempalam				
3	M.varashini	Aditya University,Surempalam	M.Varshini	M.Varshini	M.Varshini	M.Varshini
4	M.Akshaya	Aditya University,Surempalam	M.Akshaya	M.Akshaya	M.Akshaya	M.Akshaya
5	P.Bhadra Lasya	Aditya University,Surempalam	P.B.Lasya	P.B.Lasya	P.B.Lasya	P.B.Lasya
6	A.V.S.Manikanta	Aditya University,Surempalam	A.V.S.Manikanta	A.V.S.Manikanta	A.V.S.Manikanta	A.V.S.Manikanta
7	Y.Satya Anunay	Aditya University,Surempalam	Y.S.Anunay	Y.S.Anunay	Y.S.Anunay	Y.S.Anunay
8	K.S.R.Vikranth	Aditya University,Surempalam	K.S.R.Vikranth	K.S.R.Vikranth	K.S.R.Vikranth	K.S.R.Vikranth
9	N.Madhusudhan Reddy	Aditya University,Surempalam	N.Madhu	Madhu	Madhu	Madhu
10	A.Pranav	Aditya University,Surempalam	A.Pranav	A.Pranav	A.Pranav	A.Pranav
11	B.Harinath	Aditya University,Surempalam	B.Harinath	Harinath	Harinath	Harinath
12	R.Lakshmi Prasanna	P.R.Govt.Degree College,Kakinada	R.Lakshmi Prasanna	R.Lakshmi Prasanna	R.Lakshmi Prasanna	R.Lakshmi Prasanna
13	B.Santosh	P.R.Govt.Degree College,Kakinada	B.Santosh	B.Santosh	B.Santosh	B.Santosh
14	SD.MD.Jani	P.R.Govt.Degree College,Kakinada	SD.MD.Jani	SD.MD.Jani	SD.MD.Jani	SD.MD.Jani
15	B.Neelima	S.K.V.T.Govt Degree College,Rajamundry	B.Neelima	B.Neelima	B.Neelima	B.Neelima
16	K.Kumari	S.K.V.T.Govt Degree College,Rajamundry	K.Kumari	K.Kumari	K.Kumari	K.Kumari
17	B.Kumari	S.K.V.T.Govt Degree College,Rajamundry	B.Kumari	B.Kumari	B.Kumari	B.Kumari
18	B.TejaSri	S.K.V.T.Govt Degree College,Rajamundry	B.Tejasri	B.Tejasri	B.Tejasri	B.Tejasri
19	A.Sailaja Lakshmi Durga	S.K.V.T.Govt Degree College,Rajamundry	A.S.L.Durga	A.S.L.Durga	A.S.L.Durga	A.S.L.Durga
20	B.Siva Kumari	S.K.V.T.Govt Degree College,Rajamundry	B.Siva Kumari	B.Siva Kumari	B.Siva Kumari	B.Siva Kumari
21	P.Dheena	S.K.V.T.Govt Degree College,Rajamundry	P.Dheena	P.Dheena	P.Dheena	P.Dheena
22	L.V.E.Indira Priya Darshini	S.K.V.T.Govt Degree College,Rajamundry	L.V.E.I.Priya	L.V.E.I.Priya	L.V.E.I.priya	L.V.E.I.Priya
23	R.Meghana	S.K.V.T.Govt Degree College,Rajamundry	R.Meghana	R.Meghana	R.Meghana	R.Meghana
24	K.Deepika	S.K.V.T.Govt Degree College,Rajamundry	K.Deepika	K.Deepika	K.Deepika	K.Deepika
25	Jagan Kumar Tata	Aditya Degree College	Jagan kumar	Jagan kumar	Jagan kumar	Jagan kumar
26	Arigela Swamy Sai Sr	Aditya Degree College	Swamy sai	Swamy sai	Swamy sai	Swamy sai
27	Makaraju Akshaya	Aditya Degree College	Akshaya	Akshaya	Akshaya	Akshaya
28	Lalitha Mahalakshmi	Aditya Degree College	Mahalakshmi	Mahalakshmi	Mahalakshmi	Mahalakshmi

37	Nathi.Keerthi	II B.Sc,Computer Science	A.S.D.Govt. Degree College for Women (A)	N.keerthi	N.keerthi	N.beerthi	N.keerthi
38	Palla.Amrutha	II B.Sc,Computer Science	A.S.D.Govt. Degree College for Women (A)	P. Amrutha	P Amrutha	P. Amrutha	P. Amrutha
39	Shaik.Basheeramma	II B.Sc,Computer Science	A.S.D.Govt. Degree College for Women (A)	SK.Basheeramma	S.Basheerama	Sk.Basheerama	Sk.Basheerama
40	Gudapti.Kavya Sri	II B.Sc,Computer Science	A.S.D.Govt. Degree College for Women (A)	G.Kavya Sri	G. Kavya Sri	G. Kavya Sri	G. Kavya SI
41	Shaik.Ajmanisha	II B.Sc,Computer Science	A.S.D.Govt. Degree College for Women (A)	Sk. AJmanisha	Sk Ajmanisha	Sk AJmanisha	Sk Ajmanisha
42	Vasamsetti.TejaSri Suryakala	II B.Sc,Computer Science	A.S.D.Govt. Degree College for Women (A)	V.Kala	V. Kala	V. Kala	V. Kala
43	ErellaManju Bhargavi	II B.Sc,Computer Science	A.S.D.Govt. Degree College for Women (A)	E.manju Bhargavi	E.manju Bhargavi	E.manju Bhargavi	E.manju Bhargavi
44	Vakapalli.Sanjana	II B.Sc,Computer Science	A.S.D.Govt. Degree College for Women (A)	V. Sanjana	V. Sanjana	V. Sanjana	V. Sanjana.
45	Oleti.Sindhu Bhairavi	II B.Sc,Computer Science	A.S.D.Govt. Degree College for Women (A)	O. Sindhu	O. Sindhu	O. Sindhu	O. Sindhu
46	Peruri.UmaDevi	II B.Sc,Computer Science	A.S.D.Govt. Degree College for Women (A)	P. umadevi	P. umadevi	P.umadevi	P. umadevi
47	Anisetti.Satya Veni	II B.Sc,Computer Science	A.S.D.Govt. Degree College for Women (A)	A. Satyaveni	A. Satyaveni	A. Satyaveni	A. satyaveni
48	Damalanka Lakshmi Ragini	II B.Sc,Computer Science	A.S.D.Govt. Degree College for Women (A)	D. Lakshmi Ragini	D. Lakshmi Ragini	D. L. Ragini	D. L. Ragini
49	Undru Mani Kumari	II B.Sc,Computer Science	A.S.D.Govt. Degree College for Women (A)	U. mani kumari	U. mani Kumari	U. mani kumari	U. mani Kumari
50	Chilalaka Spoorti	II B.Sc,Computer Science	A.S.D.Govt. Degree College for Women (A)	Ch. spoorthi	Ch. spoorthi	Ch. Spoorthi	Ch. spoorthi
51	Busi Prasanna	II B.Sc,Computer Science	A.S.D.Govt. Degree College for Women (A)	B. Prasanna	B Prasanna	B. Prasanna	B. Prasanna
52	Isukapatla Sanjana	II B.Sc,Computer Science	A.S.D.Govt. Degree College for Women (A)	I. Sanjana	I. Sanjana	I. Sanjana	I. Sanjana
53	Mohammad Ayeshabibi	II B.Sc,Computer Science	A.S.D.Govt. Degree College for Women (A)	Md Ayeshabibi	Md Ayeshabi	Md Ayeshabi	Md Ayeshabi
54	Tarapatla Sindhu	II B.Sc,Computer Science	A.S.D.Govt. Degree College for Women (A)	T. Sindhu	T. Sindhu	T. Sindhu	T. Sindhu
55	V.Sai Harshika	II B.Sc,Computer Science	A.S.D.Govt. Degree College for Women (A)	V.SaiHarshika	V.SaiHarshika	V.SaiHarshika	V.SaiHarshika
56	P.Ramya	II B.Sc,Computer Science	A.S.D.Govt. Degree College for Women (A)	P. Ramya	P. Ramya	P. Ramya	P. Ramya
57	R.Durga Bhavani	II B.Sc,Computer Science	A.S.D.Govt. Degree College for Women (A)	R.Durgabhavani	R Durga Bhavani	R. Durgabhavani	R. Durgabhavani
58	SANGADI KARUNA	I B.Sc.(MATHS)	A.S.D.Govt. Degree College for Women (A)	S. Karuna	S. Karuna	S. Karuna	S. Karuna
59	MADADHA RENUKA SRI SAI VENNELA	I B.Sc.(MATHS)	A.S.D.Govt. Degree College for Women (A)	M. Vennela	M. Vennela	M. Vennela	M. Vennela
60	NURUKURTHI DEEPTHIKA	I B.Sc.(MATHS)	A.S.D.Govt. Degree College for Women (A)	N. Deepthika	N. Deepthika	N. Deepthika	N. Deepthika
61	MEKALA YAMINI	I B.Sc.(MATHS)	A.S.D.Govt. Degree College for Women (A)	M. Yamini	M. Yamini	M. Yamini	M. Yamini
62	GANDAVARAPU SIRISHA	I B.Sc.(MATHS)	A.S.D.Govt. Degree College for Women (A)	G. Sirisha	G. Sirisha	G. Sirisha	G. Sirisha
63	VADLAMURI JAYA SAI AKSHAYA	I B.Sc.(MATHS)	A.S.D.Govt. Degree College for Women (A)	V.J.S Akshaya	V. J. S Akshaya	V.J.S Akshaya	V J. S Akshaya.
64	DANDUPROLU KANCHANA	I B.Sc.(MATHS)	A.S.D.Govt. Degree College for Women (A)	D. Kanchana	D. Kanchana	D. Kanchana	D. Kanchana
65	TEKUMUDI GAYATRI	I B.Sc.(MATHS)	A.S.D.Govt. Degree College for Women (A)	T. Gayatri	T. Gayatri	T. Gayatri	T. Gayatri
66	VIPPARTHI GOWRI	I B.Sc.(MATHS)	A.S.D.Govt. Degree College for Women (A)	V. Gowri	V. Gowri	V. Gowri	V. Gowri
67	KOTA SIVA DEEPIKA	I B.Sc.(MATHS)	A.S.D.Govt. Degree College for Women (A)	K.S.Deepika	K. S. Deepika	K. S. Deepika	K. S. Deepika
68	PAILA YASHODA	I B.Sc.(MATHS)	A.S.D.Govt. Degree College for Women (A)	P. Yashoda	P. Yashoda	P. Yashoda	P. Yashoda
69	JOGI NAVYA TEJASWI	I B.Sc.(MATHS)	A.S.D.Govt. Degree College for Women (A)	J. N. Tejaswi	J. N. Tejaswi	J. N. Tejaswi	J. N. Tejaswi
70	MYPALA VENKATA NAGA LAKSHMI	I B.Sc.(MATHS)	A.S.D.Govt. Degree College for Women (A)	M. V. Naga Lakshmi	M. V. Naga Lakshmi	M. V. Naga Lakshmi	M. V. Naga Lakshmi
71	MULAKAPATI SANDHYA	I B.Sc.(MATHS)	A.S.D.Govt. Degree College for Women (A)	M. Sandhya	M. Sandhya	M. Sandhya	M. Sandhya
72	LOLLA JYOTHIKA	I B.Sc.(MATHS)	A.S.D.Govt. Degree College for Women (A)	L. Jyothika	L. Jyothika	L. Jyothika	L. Jyothika
73	ANUPOJU KRISHNA VIJAYA LAKSHMI	I B.Sc.(MATHS)	A.S.D.Govt. Degree College for Women (A)	A. K. V. Lakshmi	A. K. V. Lakshmi	A. K. V. Lakshmi	A. K. V. Lakshmi
74	MOKANA AKHIRA NANDINI	I B.Sc.(MATHS)	A.S.D.Govt. Degree College for Women (A)	M Akhira	M. Akira	M. Akira	M. Akira
75	DASARI BHARGAVI SURYAVATHI	I B.Sc.(MATHS)	A.S.D.Govt. Degree College for Women (A)	D. B. Suryavathi	D. B. Suryavathi	D. B. Suryavathi	D. B. Suryavathi

76	KAMMARA RAMYATEJA	I B.Sc.(MATHS)	A.S.D.Govt. Degree College for Women (A)	K.Ramya Teja	K.Ramya Teja	K.Ramya Teja	K.Ramya Teja
77	BANDI SWEETY	I B.Sc.(MATHS)	A.S.D.Govt. Degree College for Women (A)	B.Sweety	B.Sweety	B.Sweety	B.Sweety
78	GANDI RUDRANI	I B.Sc.(MATHS)	A.S.D.Govt. Degree College for Women (A)	G.Rudrani	G.Rudrani	G.Rudrani	G.Rudrani
79	NARALA LAVANYA CHANDRA KALA	I B.Sc.(MATHS)	A.S.D.Govt. Degree College for Women (A)	CH.L.chandra kala	CH.L.chand rakala	CH.L.chand rakala	CH.L.chand rakala
80	KANDIKATLA LIKITHA	I B.Sc.(MATHS)	A.S.D.Govt. Degree College for Women (A)	K.Lakitha	K.Lakitha	K.Lakitha	K.Lakitha
81	DESABATTULA DIVYA	I B.Sc.(MATHS)	A.S.D.Govt. Degree College for Women (A)	D.Divya	D.Divya	D.Divya	D.Divya
82	NELAPARTHI DEVI	I B.Sc.(MATHS)	A.S.D.Govt. Degree College for Women (A)	N.Devi	N.Devi	N.Devi	N.Devi
83	BOGA HARITHA	I B.Sc.(MATHS)	A.S.D.Govt. Degree College for Women (A)	B.Haritha	B.Haritha	B.Haritha	B.Haritha
84	N. Sri devi	I B.SC.(PHYSICS)	A.S.D.Govt. Degree College for Women (A)	N.Sridevi	N.Sridevi	N.Sridevi	N.Sridevi
85	K. Jyothi	I B.SC.(PHYSICS)	A.S.D.Govt. Degree College for Women (A)	K.Jyothi	K.Jyothi	K.Jyothi	K.Jyothi
86	R.S.S. Shivani	I B.SC.(PHYSICS)	A.S.D.Govt. Degree College for Women (A)	R.S.S.Sivani	R.S.S Sivani	R.S.S Sivani	R.S.S Sivani
87	P. Reshma devi	I B.SC.(PHYSICS)	A.S.D.Govt. Degree College for Women (A)	P.Reshma	P.Reshma	P.Reshma	P.Reshma
88	P. Bhuvana	I B.SC.(PHYSICS)	A.S.D.Govt. Degree College for Women (A)	P.Bhuvana	P.Bhuvana	P.Bhuvana	P.Bhuvana
89	S. Revathi	I B.SC.(PHYSICS)	A.S.D.Govt. Degree College for Women (A)	S.Revathi	S.Revathi	S.Revathi	S.Revathi
90	N. Surekha	I B.SC.(PHYSICS)	A.S.D.Govt. Degree College for Women (A)	N.Surekha	N.Surekha	N.Surekha	N.Surekha
91	P.V. Nandini	I B.SC.(PHYSICS)	A.S.D.Govt. Degree College for Women (A)	P.V.Nandini	P.V.Nandini	P.V.Nandini	P.V.Nandini
92	M.S. Gayathri	I B.SC.(PHYSICS)	A.S.D.Govt. Degree College for Women (A)	M.S.Gayathri	M.S.Gayathri	M.S.Gayathri	M.S.Gayathri
93	R.J. Tejaswari	I B.SC.(PHYSICS)	A.S.D.Govt. Degree College for Women (A)	R.J.Tejaswari	R.J.Tejaswari	R.J.Tejaswari	R.J.Tejaswari
94	N. Kavya	I B.SC.(PHYSICS)	A.S.D.Govt. Degree College for Women (A)	N.kavya	N.kavya	N.kavya	N.kavya
95	A.S.V.N. Bhagya sri	I B.SC.(PHYSICS)	A.S.D.Govt. Degree College for Women (A)	A.S.V.N.Bhagya sri	A.S.V.N.Bhagya sri	A.S.V.N.Bhagya sri	A.S.V.N.Bhagya sri
96	G.D. Amrutha	I B.SC.(PHYSICS)	A.S.D.Govt. Degree College for Women (A)	G.D.Amrutha	G.D.Amrutha	G.D.Amrutha	G.D.Amrutha
97	K. Ramya sridevi	I B.SC.(PHYSICS)	A.S.D.Govt. Degree College for Women (A)	K.Ramyasridevi	K.Ramyasridevi	K.Ramyasridevi	K.Ramyasridevi
98	P. Divya subba Lakshmi	I B.SC.(PHYSICS)	A.S.D.Govt. Degree College for Women (A)	P.D.S lakshmi	P.D.S lakshmi	P.D.S lakshmi	P.D.S lakshmi
99	O. Mercy	I B.SC.(PHYSICS)	A.S.D.Govt. Degree College for Women (A)	O.mercy	O.mercy	O.mercy	O.mercy
100	AKULA JAYASREE	I B.Sc.(Computer Science)	A.S.D.Govt. Degree College for Women (A)	A.Jayasree	A.Jayasree	A.Jayasree	A.Jayasree
101	NEKKALA KUSUMA	I B.Sc.(Computer Science)	A.S.D.Govt. Degree College for Women (A)	N.kusuma	N.kusuma	N.kusuma	N.kusuma
102	CHITIMISETTI VIJAYASARANYA	I B.Sc.(Computer Science)	A.S.D.Govt. Degree College for Women (A)	CH.vijaya saranya	CH.vijaya saranya	CH.vijaya saranya	CH.vijaya saranya
103	PEMMADI DEVIHARSHINI	I B.Sc.(Computer Science)	A.S.D.Govt. Degree College for Women (A)	P.Deviharshini	P.Devihasrhini	P.Devihasrhini	P.Devihasrhini
104	MAROTHU MADHU SRI	I B.Sc.(Computer Science)	A.S.D.Govt. Degree College for Women (A)	M.Madhusri	M.Madhusri	M.Madhusri	M.Madhusri
105	PEMMADI NAVYA SRI	I B.Sc.(Computer Science)	A.S.D.Govt. Degree College for Women (A)	P.Navya Sri	P.Navya Sri	P.Navya Sri	P.Navya Sri
106	DUDA CHANDRIKA	I B.Sc.(Computer Science)	A.S.D.Govt. Degree College for Women (A)	D.Chandrika	D.Chandrika	D.Chandrika	D.Chandrika
107	MUMMASANI SIRI	I B.Sc.(Computer Science)	A.S.D.Govt. Degree College for Women (A)	M.Siri	M.Siri	M.Siri	M.Siri
108	DHARMADI BHUMIKA	I B.Sc.(Computer Science)	A.S.D.Govt. Degree College for Women (A)	D.Bhumika	D.Bhumika	D.Bhumika	D.Bhumika
109	PATTA DIVYA	I B.Sc.(Computer Science)	A.S.D.Govt. Degree College for Women (A)	P.Divya	P.Divya	P.Divya	P.Divya
110	CHEPPULA ESWARI	I B.Sc.(Computer Science)	A.S.D.Govt. Degree College for Women (A)	Cheppula Eswari	Cheppula Eswari	Cheppula Eswari	Cheppula Eswari
111	PEDIREDDI LALITHA	I B.Sc.(Computer Science)	A.S.D.Govt. Degree College for Women (A)	P.Lalitha	P.Lalitha	P.Lalitha	P.Lalitha
112	VYDADI PAVANI SAI	I B.Sc.(Computer Science)	A.S.D.Govt. Degree College for Women (A)	V.pavanisai	V.pavanisai	V.pavanisai	V.pavanisai
113	SHAIK FATHIMUNNISA	I B.Sc.(Computer Science)	A.S.D.Govt. Degree College for Women (A)	Sk.fathima	Sk.fathima	Sk.fathima	Sk.fathima
114	PYLA MEENAKSHI	I B.Sc.(Computer Science)	A.S.D.Govt. Degree College for Women (A)	P.meenakshi	P.meenakshi	P.meenakshi	P.meenakshi
115	PYLA VASANTHI	I B.Sc.(Computer Science)	A.S.D.Govt. Degree College for Women (A)	P.vasanthi	P.vasanthi	P.Vasanthi	P.vasanthi
116.	Hartha Keerthi	I B.SC Computer Science	A.S.D.Govt Degree College for women (A)	M.Keerthi	M.Keerthi	M.Keerthi	M.Keerthi

116	DRAKSHARAPU SAILAJA	I B.Sc.(Computer Science)	A.S.D.Govt. Degree College for Women (A)	D. Sailaja	D.Sailaja	D.Sailaja	D. Sailaja
117	YALLAMILLI LEELA SOWMYA	I B.Sc.(Computer Science)	A.S.D.Govt. Degree College for Women (A)	Y. Leelasowmya	Y. Leelasowmya	Y. Leelasowmya	Y. Leelasowmya
118	M.MOUNIKA MAHALAKSHMI	I B.Sc.(Computer Science)	A.S.D.Govt. Degree College for Women (A)	M. Mounika Mahalakshmi	M. Mounika Mahalakshmi	M. Mounika Mahalakshmi	M. Mounika Mahalakshmi
119	DOKKADI DHANASHINI	I B.Sc.(Computer Science)	A.S.D.Govt. Degree College for Women (A)	D. Dhanashini	D. Dhanashini	D. Dhanashini	D. Dhanashini
120	TITHI VENU KUMARI	I B.Sc.(Computer Science)	A.S.D.Govt. Degree College for Women (A)	T. Venu kumari	T. Venu kumari	T. Venu kumari	T. Venu kumari
121	KARAKATI CHAITHANYA	I B.Sc.(Computer Science)	A.S.D.Govt. Degree College for Women (A)	K. Chaithanya	K. chaithanya	K. chaithanya	K. Chaithanya
122	TIRAGATI ANUPAMA	I B.Sc.(Computer Science)	A.S.D.Govt. Degree College for Women (A)	T. Anupama	T. Anupama	T. Anupama	T. Anupama
123	MORTHA MANISHA JYOTHSNA	I B.Sc.(Computer Science)	A.S.D.Govt. Degree College for Women (A)	M.M. Jyothsna	M.M. Jyothsna	M.M. Jyothsna	M.M. Jyothsna
124	ACHANTA SATYA SRI	I B.Sc.(Computer Science)	A.S.D.Govt. Degree College for Women (A)	A. Satya sri	A. Satya sri	A. satya sri	A. satya sri
125	RELANGI CHANDRAKALA	I B.Sc.(Computer Science)	A.S.D.Govt. Degree College for Women (A)	R. Chandrakala	R. Chandrakala	R. Chandrakala	R. Chandrakala
126	K J L D SATYA MANIKYAMBA	I B.Sc.(Computer Science)	A.S.D.Govt. Degree College for Women (A)	K.J.L.D.S. Manikyamba	K.J.L.D.S. Manikyamba	K.J.L.D.S. manikyamba	K.J.L.D.S. manikyamba
127	ANUSURI VEERA KUMARI	I B.Sc.(Computer Science)	A.S.D.Govt. Degree College for Women (A)	A. Veera kumari	A. Veera kumari	A. veera kumari	A. veera kumari
128	SANNIBOINA DAIVA KRUPA	I B.Sc.(Computer Science)	A.S.D.Govt. Degree College for Women (A)	S. Daivakrupa	S. Daiva krupa	S. Daiva krupa	S. Daiva krupa
129	GANGULURI PRINCE JOY	I B.Sc.(Computer Science)	A.S.D.Govt. Degree College for Women (A)	G. Prince Joy	G. Prince Joy	G. Prince Joy	G. Prince Joy
130	SHAIK GOUSIA BEGUM	I B.Sc.(Computer Science)	A.S.D.Govt. Degree College for Women (A)	SK. Gousia begum	SK. Gousia begum	SK. Gousia begum	SK. Gousia begum
131	ANUKULA LAKSHMI SOWJANYA	I B.Sc.(Computer Science)	A.S.D.Govt. Degree College for Women (A)	A. Lakshmi sowjanya	A. Lakshi sowjanya	A. Lakshi sowjanya	A. Lakshi sowjanya
132	BATHULA DURGA	I B.Sc.(Computer Science)	A.S.D.Govt. Degree College for Women (A)	B. Durga	B. Durga	B. Durga	B. Durga
133	GANISETTI SAI DEEPIKA	I B.Sc.(Computer Science)	A.S.D.Govt. Degree College for Women (A)	G. Sai deepika	G. Sai deepika	G. Sai deepika	G. Sai deepika
134	NOKKU RAMALAKSHMI	I B.Sc.(Computer Science)	A.S.D.Govt. Degree College for Women (A)	N. Ramalakshmi	N. Ramalakshmi	N. Ramalakshmi	N. Ramalakshmi
135	BODDU SINDHU	I B.Sc.(Computer Science)	A.S.D.Govt. Degree College for Women (A)	B. Sindhu	B. Sindhu	B. Sindhu	B. Sindhu.

REPORT

A.S.D. GOVERNMENT DEGREE COLLEGE FOR WOMEN (A)

(Re-Accredited with 'B++' Grade by NAAC)
(Affiliated to Adikavi Nannaya University)
Jagannaickpur, Kakinada.

DEPARTMENTS OF PHYSICS & COMPUTER SCIENCE

Two - Day National Workshop on

"Decoding The Quantum Computer: From Superposition to Supremacy"

27 & 28 January, 2026

A **Two-Day National Workshop on "Decoding the Quantum Computer: From Superposition to Supremacy – A Journey from Basics to Breakthroughs"** was successfully organized by the **Departments of Physics and Computer Science, A.S.D. Government Degree College for Women (A)**. The workshop aimed to provide students and faculty members with a structured understanding of **quantum computing**, beginning from fundamental principles and progressing towards advanced algorithms and applications.

The workshop received an **overwhelming response with around 230 registrations from various colleges**, reflecting the growing academic and interdisciplinary interest in quantum technologies. Participants included students from science as well as non-science backgrounds.

Day 1: Inaugural and Technical Sessions

Inaugural Session (10.00 AM – 11.30 AM)

The programme commenced with **registration from 9.30 AM to 10.00 AM**, followed by the **Inaugural Session**. The session began with the **lighting of the lamp by the dignitaries on the dais**, invoking an auspicious start to the workshop. This was followed by a **prayer rendered by the students**.

The **Welcome Address** was delivered by **Dr. B. Surya Narayana Devara, In-Charge, Department of Physics**, who highlighted the objectives of the workshop and the relevance of quantum computing in the modern technological era.

The **President's Opening Remarks** were given by **Dr. V. Anantha Lakshmi, Principal, A.S.D. Government Degree College for Women (A)**. In her address, she emphasized the importance of exposing students to **cutting-edge technologies**, encouraged interdisciplinary learning, and motivated students to make effective use of such national-level academic initiatives.

This was followed by the **Address by the Vice-President**, **Dr. M. Suvarchala, Vice-Principal**, who spoke about the institution's commitment to academic excellence and skill development. The **Address by the IQAC Co-ordinator**, **Ms. M. Vasantha Lakshmi**, highlighted the role of such workshops in enhancing quality education and research culture.

The **Chief Guest for the inaugural session was Sri V. Venkateswara Rao, MLA, Kakinada**, who addressed the gathering and emphasized that **quantum computing would be a future-defining technology**, playing a crucial role in science, industry, and national development. A **memento was presented to the Chief Guest** as a token of appreciation.

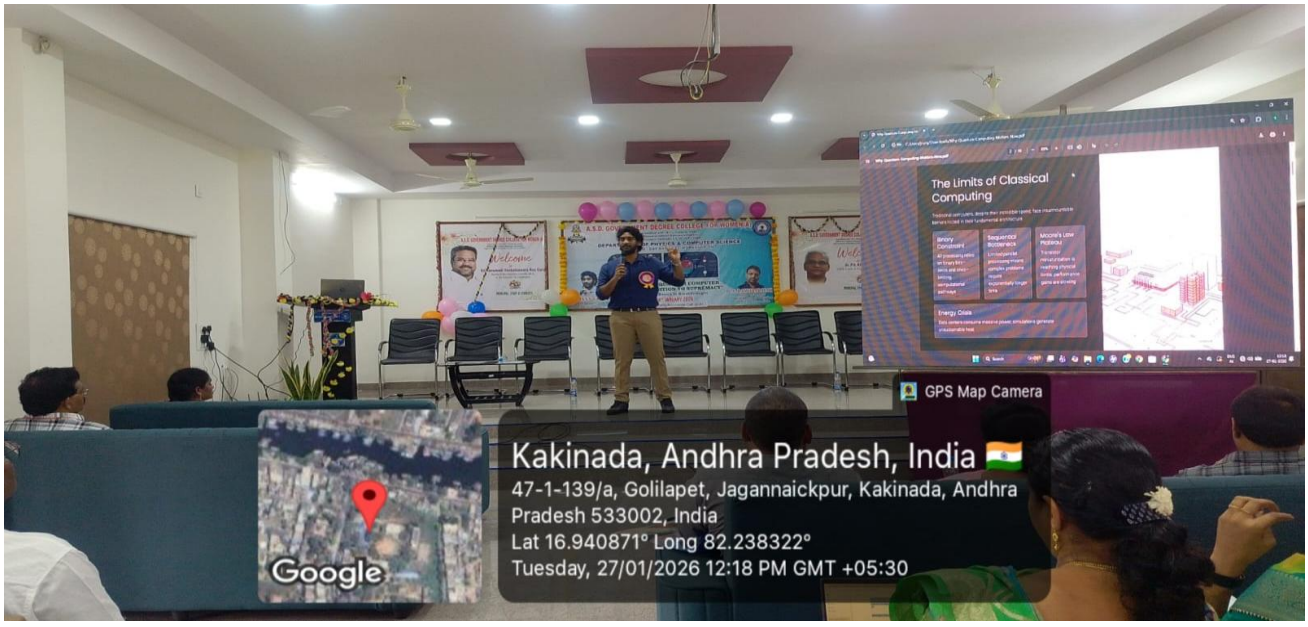
LIGHTINING OF THE LAMP IN THE INAUGURAL OF THE WORKSHOP

The session concluded with a **Vote of Thanks proposed by Ms. N. Naga Subrahmanyeswari, In-Charge, Department of Computer Science**.

Technical Session 1 (11.40 AM – 01.10 PM)

Topic: *Why Quantum & Recent Breakthroughs*
Resource Person: Dr. Janan Yalla, IBM, Hyderabad

Dr. Janan Yalla introduced the motivation behind quantum computing, limitations of classical computing, and recent global breakthroughs in quantum research. He provided insights into why quantum computing is gaining importance across industries and research domains.



Dr. Jnan Yalla, providing insights on the motivation behind Quantum Computing

Technical Session 2 (02.00 PM – 03.30 PM)

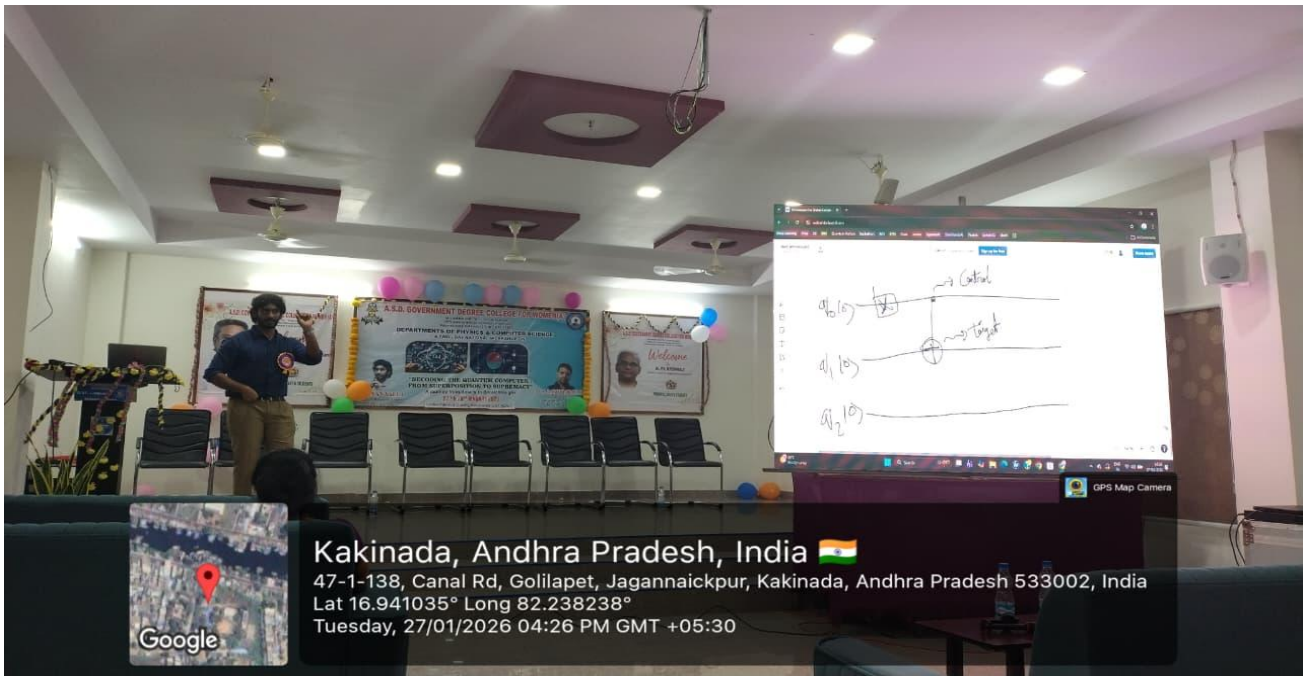
Topic: *Introduction to Quantum Gates*
Resource Person: Dr. S. Damodaraiah, Assistant Professor, Department of Physics, JNTU Pulivendula

This session focused on quantum gates, quantum circuits, and their operational principles. The speaker explained the concepts in a simple and systematic manner, enabling beginners to grasp the fundamentals of quantum computation.

Dr.S.Damodaraiah explaining about Quantum Gates and Quantum Circuits

Technical Session 3 (03.40 PM – 05.30 PM)

Topic: *Algorithms–1: Deutsch–Jozsa, Grover's Search and Quantum Speedups*
Resource Person: Dr. Janan Yalla, IBM, Hyderabad



Dr.Jnan Yalla, sharing his expertise on various Quantum Algorithms

The session covered foundational quantum algorithms and demonstrated how quantum approaches achieve quadratic and exponential speedups compared to classical algorithms.

Day 2: Advanced Sessions and Valedictory

Technical Session 4 (9.30 AM – 11.30 AM)

Topic: *Algorithms–2: Shor's Algorithm, QAOA, VQE and Quantum Annealing*
Resource Person: Dr. Janan Yalla, IBM, Hyderabad

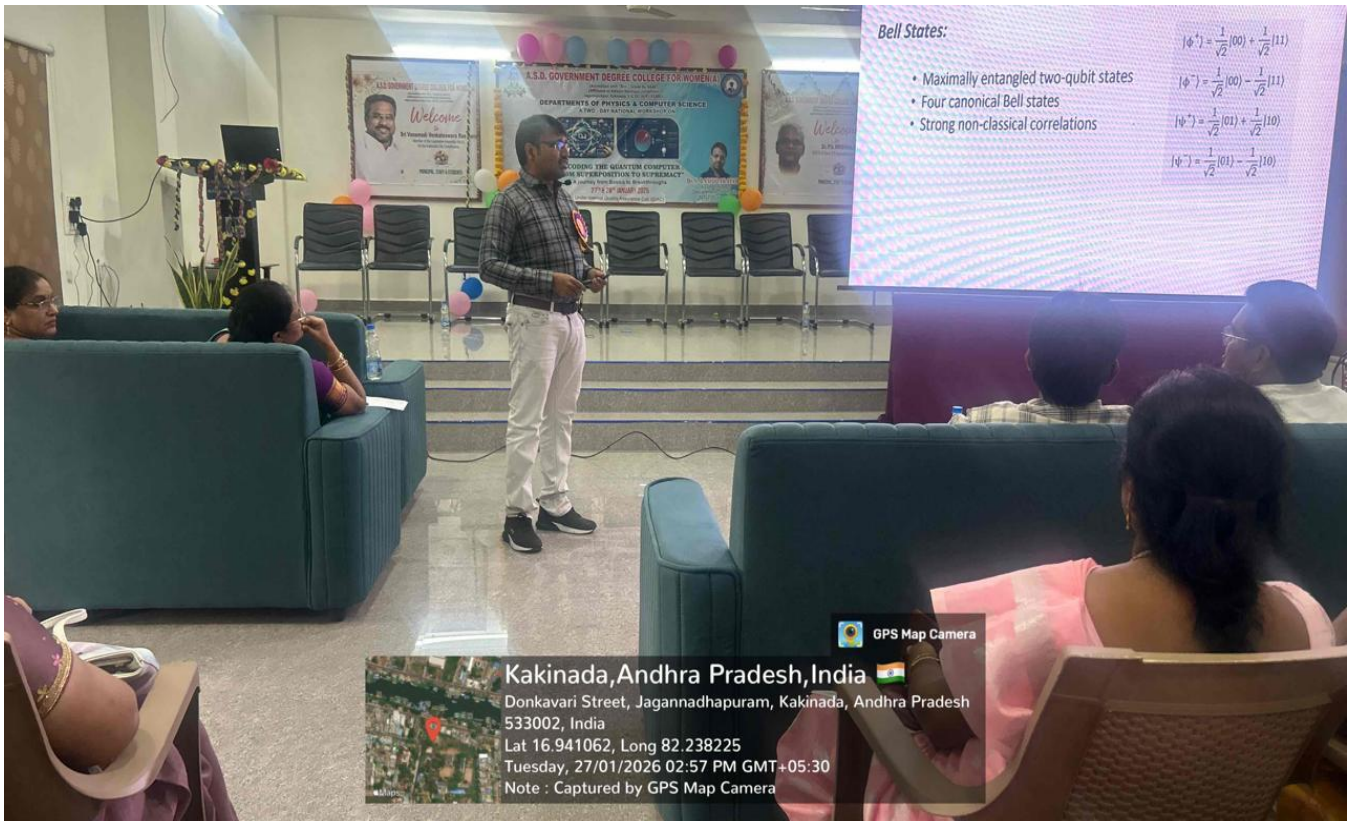
Advanced algorithms and optimization techniques were discussed with emphasis on cryptography, optimization problems, and near-term quantum devices.

Dr.Jnan Yalla, sharing his expertise on various Quantum Algorithms

Technical Session 5 (11.40 AM – 01.10 PM)

Topic: *Qiskit Demonstration*
Resource Person: Dr. S. Damodaraiah, JNTU Pulivendula

A hands-on demonstration session on Qiskit was delivered by **Dr. S. Damodaraiah**. The session introduced participants to the fundamentals of quantum computing and its practical implementation using the Qiskit framework. The resource person provided a step-by-step explanation of quantum circuit design, simulation, and execution on quantum backends. Participants were guided through real-time demonstrations, enabling them to understand qubit operations, quantum gates, and circuit visualization. The interactive nature of the session encouraged participants to actively engage in quantum programming tasks, thereby enhancing their conceptual understanding and technical skills in emerging quantum technologies.



Hands-on Qiskit Demonstration Session by Dr. S. Damodaraiah

Technical Session 6 (02.00 PM – 03.30 PM)

Topic: *Applications and NISQ Promise & FASQs*
Resource Person: Dr. Janan Yalla, IBM, Hyderabad

The technical session delivered by **Dr. Janan Yalla**, focusing on the evolving landscape of quantum computing and its real-world applications. The resource person explained the significance of the Noisy Intermediate-Scale Quantum (NISQ) era, highlighting current technological capabilities and limitations in quantum hardware and algorithms. The session provided insights into how quantum computing is being explored for application-specific solutions across domains such as optimization, cryptography, drug discovery, and artificial intelligence. The talk emphasized future research directions, industry adoption, and the importance of interdisciplinary collaboration in advancing practical quantum technologies, offering participants valuable exposure to emerging opportunities in the quantum ecosystem. The session focused on real-world applications of quantum computing, the NISQ era, and future application-specific quantum solutions.

Dr.Jnan Yalla, talking about real world applications of Quantum Computing

Valedictory Session (03.40 PM – 05.00 PM)

During the **valedictory session**, the **Organizing Secretary, Ms. N. Naga Subrahmanyeswari**, presented a brief report summarizing the objectives, sessions, and successful conduct of the workshop.

The **Guest of Honour**, **Dr. B. V. Tirupanyam, Principal, S.K.V.T. Degree College, Rajamahendravaram**, addressed the gathering and appreciated the initiative taken by the institution to introduce students to future technologies like quantum computing and commended the institution for organizing the programme. In his address, he emphasized the importance of equipping students with knowledge of emerging technologies and highlighted the growing relevance of quantum computing in shaping future scientific and technological advancements. He appreciated the initiative taken to expose students to advanced domains and encouraged them to actively participate in such academic and skill-oriented programmes to enhance their career prospects and research capabilities in cutting-edge technological fields.

Dr.B.V.Tirupanyam addressing the gathering in the valedictory of the Workshop

Dr.S.Damodaraiah sharing his experiences in the valedictory of the Workshop

Smt.M.Vasantha Lakshmi, IQAC Co-ordinator addressing the gathering in valedictory

Felicitation to Dr.S.Damodaraiah in the Valedictory of the Workshop

Felicitation to Dr.Jnan Yalla in the Valedictory of the Workshop

An **interaction and feedback session** was held, where participants shared their experiences. Both the resource persons delivered the topics **so lucidly and systematically that even participants with no prior background in quantum computing, including those from non-science backgrounds, were able to understand and follow the sessions with ease**, which was widely appreciated.

STUDENTS SHARING THEIR FEEDBACK ON THE WORKSHOP

Certificates were distributed to the participants by **Dr. V. Anantha Lakshmi, Principal**, **Dr. M. Suvarchala, Vice-Principal**, **Ms. M. Vasantha Lakshmi, IQAC Co-ordinator**, along with the **Resource Persons**.

DISTRIBUTION OF PARTICIPATION CERTIFICATES TO THE PARTICIPANTS

STUDENTS OF II B.SC. (COMPUTER SCIENCE) WITH THEIR PARTICIPATION CERTIFICATES

STUDENTS OF II B.SC. (MATHEMATICS) WITH THEIR PARTICIPATION CERTIFICATES

STUDENTS OF I B.SC. (COMPUTER SCIENCE) WITH THEIR PARTICIPATION CERTIFICATES

STUDENTS OF I B.SC. (PHYSICS) & II B.SC.(PHYSICS) WITH THEIR PARTICIPATION CERTIFICATES

STUDENTS WITH THEIR PARTICIPATION CERTIFICATES

The session concluded with a **Vote of Thanks proposed by Ms. N. Naga Subrahmanyeswari**, followed by the **National Anthem sung by the students**.

The Two-Day National Workshop on *"Decoding the Quantum Computer: From Superposition to Supremacy"* was organized with the objective of introducing participants to the fundamental and advanced concepts of quantum computing in alignment with the National Quantum Mission and Andhra Pradesh Quantum Valley initiatives. The workshop successfully addressed the need to bridge the gap between classical computing and emerging quantum technologies by combining conceptual understanding with practical exposure.

Through expert-led technical sessions and hands-on demonstrations using platforms such as IBM Quantum Experience and Qiskit, participants gained clarity on quantum fundamentals, quantum gates and circuits, key quantum algorithms, and NISQ-era applications. The structured progression from basics to applications enabled even participants without prior exposure to quantum computing to follow the sessions effectively.

As an outcome, the workshop enhanced participants' understanding of quantum computing principles, strengthened their ability to design and analyze basic quantum circuits and algorithms, and provided practical insight into quantum programming. The programme also played a significant role in motivating students and faculty towards interdisciplinary research, collaboration, and career opportunities in quantum technologies, thereby fulfilling its academic and skill-development objectives in the current technological scenario.

Outcome and Significance

Quantum computing is expected to bring **revolutionary changes** in the coming years. This workshop played a vital role in helping students acquire **basic conceptual clarity and foundational skills**, motivating them to explore advanced learning and research opportunities in this emerging field. The enthusiastic participation of students was instrumental in the grand success of the programme.

N.N.S.Eswari

Organising Secretary

Dr. B S N

Convenor

PRINCIPAL
A.S.D.GOVT.DEGREE COLLEGE (W)
AUTONOMOUS
KAKINADA

Principal

FEEDBACK COLLECTED

The Feedback was collected through Google Form. Sample of Feedback collected is given below

Two-Day National Workshop on "Decoding the Quantum Computer: From Superposition to Supremacy" --Feedback Form--

Thank you for participating in our workshop.Your input is valuable to us as we strive to improve our programs and create more meaningful experiences. Please take a few minutes to provide your feedback

The respondent's email (**tulasi.lucky123@gmail.com**) was recorded on submission of this form.

Session-I

Resource Person: Dr.Jnan Yalla, IBM

Your Feedback on the Session *

	Excellent	Good	Average	Poor
How effective was the overall delivery of the session	◉	○	○	○
How clear was the explanation of concepts by the resource person?	◉	○	○	○
How relevant was the session content to the workshop theme?	◉	○	○	○
How engaging and interactive was the session?	◉	○	○	○

Session-II

Resource Person: Dr.S.Damodaraiah, JNTU Pulivendula

Your Feedback on the Session *

	Excellent	Good	Average	Poor
How effective was the overall delivery of the session	◉	○	○	○
How clear was the explanation of concepts by the resource person?	◉	○	○	○
How relevant was the session content to the workshop theme?	◉	○	○	○
How engaging and interactive was the session?	◉	○	○	○

Session-III

Resource Person: Dr.Jnan Yalla, IBM

Your Feedback on the Session *

	Excellent	Good	Average	Poor
How effective was the overall delivery of the session	◉	○	○	○
How clear was the explanation of concepts by the resource person?	◉	○	○	○
How relevant was the session content to the workshop theme?	◉	○	○	○
How engaging and interactive was the session?	◉	○	○	○

Session-IV

Resource Person: Dr.Jnan Yalla, IBM

Your Feedback on the Session *

	Excellent	Good	Average	Poor
How effective was the overall delivery of the session	◉	○	○	○
How clear was the explanation of concepts by the resource person?	◉	○	○	○
How relevant was the session content to the workshop theme?	◉	○	○	○
How engaging and interactive was the session?	◉	○	○	○

Session-V

Resource Person: Dr.S.Damodaraiah, JNTU Pulivendula

Your Feedback on the Session *

	Excellent	Good	Average	Poor
How effective was the overall delivery of the session	◉	○	○	○
How clear was the explanation of concepts by the resource person?	◉	○	○	○
How relevant was the session content to the workshop theme?	◉	○	○	○
How engaging and interactive was the session?	◉	○	○	○

Session-VI

Resource Person: Dr.Jnan Yalla, IBM

Your Feedback on the Session *

	Excellent	Good	Average	Poor
How effective was the overall delivery of the session	◉	○	○	○
How clear was the explanation of concepts by the resource person?	◉	○	○	○
How relevant was the session content to the workshop theme?	◉	○	○	○
How engaging and interactive was the session?	◉	○	○	○

Overall Feedback on the Workshop

1. How would you rate your overall satisfaction with the workshop? *

- (●) Excellent
- ( ) Good
- ( ) Average
- ( ) Poor

2. Were the topics or areas dealt in the Workshop adequately covered? *

- (●) Excellent
- ( ) Good
- ( ) Average
- ( ) Poor

3.Were the explanations clear and easy to understand? *

- (●) Excellent
- ( ) Good
- ( ) Average
- ( ) Poor

4.Did the speakers engage the audience effectively? *

- (●) Excellent
- ( ) Good
- ( ) Average
- ( ) Poor

5. How would you rate the overall organization of the Workshop? *

- (●) Excellent
- ( ) Good
- ( ) Average
- ( ) Poor

6. Please share any additional comments or suggestions you have about the workshop. *

Nothing else everything is good

SAMPLE CERTIFICATE

A.S.D. GOVT. DEGREE COLLEGE FOR WOMEN (AUTONOMOUS)

(Re - Accredited by NAAC with B++ Grade in 4th Cycle)

Affiliated to Adikavi Nannaya University, Rajamahendravaram

Jagannaickpur, Kakinada - 533002

స్త్రీ విద్యా ప్రవర్ధతాం

TWO-DAY NATIONAL WORKSHOP

on

"Decoding the Quantum Computer: From Superposition to Supremacy"

A journey from Basics to Breakthroughs

CERTIFICATE

This is to certify that Dr./Mr./Ms. R. Durga Bhavani, II B.Sc Computer Science of A.S.D. Govt. Degree College for Women (A) KKD has participated in 2-Day National workshop on "Decoding the Quantum: From Superposition to Supremacy" organized by the Departments of Physics and Computer Science, A.S.D. Govt. Degree College for Women (Autonomous), Jagannaickpur, Kakinada on 27 - 28 January, 2026.

N.N.S.Eswari	Dr.B. S. N Devara	M.Vasantha Lakshmi	Dr. M.Suvarchala	Dr.V.Anantha Lakshmi
Organising Secretary	Convener	IQAC Coordinator	Vice Principal	Principal

NEWS PAPER COVERAGE

ACTIVITY COVERED IN EENADU NEWS PAPER

క్వాంటమ్ కంప్యూటింగ్‌తో విప్లవాత్మక మార్పులు

సాంబమూర్తినగర్(కాకినాడ), న్యూస్‌టుడే: భవిష్యత్తులో క్వాంటమ్ కంప్యూటింగ్‌తో విప్లవాత్మక మార్పులు వస్తాయని నగర ఎమ్మెల్యే వనమాడి కొండబాబు అన్నారు. జగన్నాథపురంలోని అన్నవరం సత్యవతీదేవి ప్రభుత్వ మహిళా డిగ్రీ కళాశాలలో భౌతికశాస్త్ర, కంప్యూటర్ సైన్స్ విభాగాల సంయుక్త ఆధ్వర్యంలో 'డీకోడింగ్ ది క్వాంటం కంప్యూటర్, ఏ జర్నీ ఫ్రం బేసిక్స్ టు బేక్ త్రూస్' అంశంపై రెండు రోజుల జాతీయ స్థాయి వర్క్‌షాపును మంగళవారం ప్రారంభించారు. ప్రిన్సిపల్ డా. వి.అనంతలక్ష్మి మాట్లాడుతూ క్వాంటమ్ సాంకేతికత భవిష్యత్తు పరిశోధనలు, ఉద్యోగ అవకాశాల్లో కీలక పాత్ర పోషిస్తుందన్నారు. క్వాంటమ్ రీసెర్చ్ సైంటిస్ట్ డా. జ్ఞాన్ యల్లా, పులివెందుల జేఎన్‌టీయూ అసిస్టెంట్ ప్రొఫెసర్ డా. ఎస్. దామోదరయ్య రీసోర్స్ పర్సన్లుగా పాల్గొన్నారు. వివిధ అంశాలను వివరించారు. వైస్ ప్రిన్సిపల్ డా. ఎం. సువర్చల, ఐక్యూఏసీ కోఆర్డినేటర్ ఎం. వసంతలక్ష్మి, కన్వీనర్ డా. బి. సూర్యనారాయణ దేవర, ఆర్గనైజింగ్ కార్యదర్శి ఎన్. నాగ సుబ్రహ్మణ్యేశ్వరి, అధ్యాపకులు పాల్గొన్నారు.

మాట్లాడుతున్న ప్రిన్సిపల్ అనంతలక్ష్మి

సాక్షి

ON

క్వాంటమ్ కంప్యూటింగ్‌పై అవగాహన అవసరం

సెమినార్‌లో మాట్లాడుతున్న ప్రిన్సిపాల్ అనంతలక్ష్మి

బోట్స్‌క్లబ్: స్థానిక అన్నవరం సత్యవతీ దేవి ప్రభుత్వ మహిళా డిగ్రీ కళాశాలలో భౌతిక శాస్త్రం, కంప్యూటర్ సైన్స్ విభాగాలు సంయుక్త ఆధ్వర్యంలో మంగళవారం క్వాంటమ్ కంప్యూటింగ్‌పై రెండు రోజుల వర్క్‌షాప్ ప్రారంభించారు. విద్యార్థులు అధ్యాపకులకు క్వాంటమ్ కంప్యూటింగ్ వంటి ఆధునిక సాంకేతిక రంగంపై అవగాహన కల్పించడం కోసం ఈ వర్క్‌షాపు నిర్వహించినట్లు ప్రిన్సిపాల్ వి.అనంతలక్ష్మి తెలిపారు. క్వాంటమ్ సాంకేతికత భవిష్యత్ పరిశోధనలు, ఉద్యోగ అవకాశాలలో కీలక పాత్ర పోషిస్తుందన్నారు. విద్యార్థులు భౌతికశాస్త్రం, కంప్యూటర్ సైన్స్ రంగాలపై దృష్టి సారించాలన్నారు. క్వాంటమ్ రీసెర్చ్ సైంటిస్ట్ జ్ఞాన్‌యల్లా, జేఎన్‌టీయూ పులివెందుల ఫిజిక్స్ అసిస్టెంట్ ప్రొఫెసర్ ఎస్.దామోదరయ్య క్వాంటమ్ కంప్యూటింగ్‌కు సంబంధించిన అంశాలను వివరించారు. ఈ కార్యక్రమంలో కాకినాడ సిటీ ఎమ్మెల్యే వనమాడి కొంబాబు, వైస్ ప్రిన్సిపాల్ సువర్చల, ఐక్యూఏసీ కోఆర్డినేటర్ ఎం వసంతలక్ష్మి, కన్వీనర్ బి.సూర్యనారాయణదేవర పాల్గొన్నారు.

ABN ఆంధ్రజ్యోతి

క్వాంటమ్ కంప్యూటింగ్ శిక్షణ ప్రారంభం

కాకినాడ సిటీ, జనవరి 27 (ఆంధ్రజ్యోతి): నగరంలోని ఏఎన్‌డీ ప్రభుత్వ మహిళా డిగ్రీ కళాశాలలో క్వాంటమ్ కంప్యూటింగ్ శిక్షణను కాకినాడ సిటీ ఎమ్మెల్యే వనమాడి కొండబాబు మంగళవారం ప్రారంభించారు. ఈ సందర్భంగా ఆయన మాట్లాడుతూ ఈ పరిజ్ఞానం భవిష్యత్తు టెక్నాలజీలో కీలక పాత్ర పోషిస్తుందన్నారు. ప్రిన్సిపాల్ అనంతలక్ష్మి మాట్లాడుతూ విద్యార్థులకు రెండు రోజులు శిక్షణ ఇస్తామన్నారు. వైస్ ప్రిన్సిపాల్ ఎం.సువర్చల, ఫిజిక్స్ విభాగాధిపతి సూర్యనారాయణ దేవర, కంప్యూటర్ సైన్స్ విభాగాధిపతి ఎన్.సుబ్రహ్మణ్యేశ్వరి, కంపెనీ ప్రతినిధి నాజన్ యల్ల, అధ్యాపకులు, విద్యార్థులు పాల్గొన్నారు.

సాక్షి

బుధవారం | 28 | జనవరి | 2026 | కాకినాడ 9

క్వాంటమ్ కంప్యూటింగ్‌పై అవగాహన అవసరం

సెమినార్‌లో మాట్లాడుతున్న ప్రిన్సిపాల్ అనంతలక్ష్మి

బోట్‌క్లబ్: స్థానిక అన్నవరం సత్యవతీ దేవి ప్రభుత్వ మహిళా డిగ్రీ కళాశాలలో భౌతిక శాస్త్రం, కంప్యూటర్ సైన్స్ విభాగాలు సంయుక్త ఆధ్వర్యంలో మంగళవారం క్వాంటమ్ కంప్యూటింగ్‌పై రెండు రోజుల వర్క్‌షాప్ ప్రారంభించారు. విద్యార్థులు అధ్యాపకులకు క్వాంటమ్ కంప్యూటింగ్ వంటి ఆధునిక సాంకేతిక రంగంపై అవగాహన కల్పించడం కోసం ఈ వర్క్‌షాపు నిర్వహించినట్లు ప్రిన్సిపాల్ వి.అనంతలక్ష్మి తెలిపారు. క్వాంటమ్ సాంకేతికత భవిష్యత్ పరిశోధనలు, ఉద్యోగ అవకాశాలలో కీలక పాత్ర పోషిస్తుందన్నారు. విద్యార్థులు భౌతికశాస్త్రం, కంప్యూటర్ సైన్స్ రంగాలపై దృష్టి సారించాలన్నారు. క్వాంటమ్ రీసెర్చ్ సైంటిస్ట్ జ్ఞాన్‌యల్లా, జేఎన్‌టీయూ పులివెందుల ఫిజిక్స్ అసిస్టెంట్ ప్రొఫెసర్ ఎస్.దామోదరయ్య క్వాంటమ్ కంప్యూటింగ్‌కు సంబంధించిన అంశాలను వివరించారు. ఈ కార్యక్రమంలో కాకినాడ సిటీ ఎమ్మెల్యే వనమాడి కొండబాబు, వైస్ ప్రిన్సిపాల్ సువర్చల, ఐక్యూఏసీ కోఆర్డినేటర్ ఎం వసంతలక్ష్మి, కన్వీనర్ బి.సూర్యనారాయణదేవర పాల్గొన్నారు.

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క్యాంటం కంప్యూటింగ్ తో భవిష్యత్‌కు దారి

కాకినాడ గ్రేటర్ టుడే : భవిష్యత్తులో క్యాంటం కంప్యూటింగ్ విప్లవాత్మక మార్పులకు దారితీస్తుందని కాకినాడ సిటీ ఎమ్మెల్యే వనమాడి కొండబాబు పేర్కొన్నారు. అత్యంత క్లిష్టమైన సమస్యలను ఊహకు అందనంత వేగంగా పరిష్కరించే సామర్థ్యం క్యాంటం కంప్యూటర్లకు ఉందని ఆయన అన్నారు. మంగళవారం కాకినాడలోని ఏఎన్ డీ గవర్నమెంట్ డిగ్రీ కళాశాల (ఉమెన్స్) లో, ఫిజిక్స్ మరియు కంప్యూటర్ సైన్స్ విభాగాల ఆధ్వర్యంలో నిర్వహించిన క్యాంటం కంప్యూటింగ్ శిక్షణ కార్యక్రమానికి ఆయన ముఖ్య అతిథిగా హాజరై మాట్లాడారు. కాకినాడ నగరంలో ఇంజనీరింగ్ కళాశాల లేకపోవడం వల్ల విద్యార్థులు ఇతర రాష్ట్రాలకు వెళ్లి చదవాల్సిన పరిస్థితి ఉందని ఆయన ఆవేదన వ్యక్తం చేశారు. కూటమి

ప్రభుత్వంలో పరిశ్రమల స్థాపనకు తక్కువ ధరకు భూమి కేటాయించి ఉపాధి అవకాశాలు పెంచేందుకు కృషి జరుగుతుందని తెలిపారు. సాంప్రదాయ కంప్యూటింగ్ కు భిన్నంగా, సరికొత్త సిద్ధాంతాలు మరియు లక్షణాలతో రూపొందిన ఆధునిక టెక్నాలజీనే క్యాంటం కంప్యూటింగ్ అని ఆయన వివరించారు. ఈ పరిజ్ఞానం భవిష్యత్తు టెక్నాలజీలో కీలక పాత్ర పోషించనుందని అన్నారు. ఈ సందర్భంగా కళాశాల ప్రిన్సిపాల్ అనంతలక్ష్మి మాట్లాడుతూ, విద్యార్థులకు రెండు రోజులపాటు క్యాంటం కంప్యూటింగ్ పై శిక్షణ కార్యక్రమం నిర్వహిస్తున్నట్లు తెలిపారు. ఈ కార్యక్రమంలో వైస్ ప్రిన్సిపాల్ డా. ఎం. సువర్చల, ఫిజిక్స్ విభాగాధిపతి సూర్యనారాయణ దేవర, కంప్యూటర్ సైన్స్ విభాగాధిపతి ఎన్. సుబ్రహ్మణ్యేశ్వరి, కంపెనీ ప్రతినిధి జాన్ యల్లతో పాటు పలువురు అధ్యాపకులు, విద్యార్థులు పాల్గొన్నారు.