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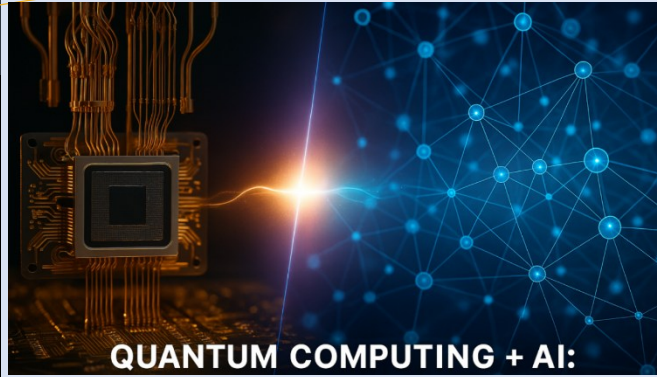
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FOR THE **MARCH 2026** ISSUE

Dr S. B. Kishor (Editor)



<https://www.linkedin.com/pulse/quantum-computing-ai-next-frontier-siddharth-bhalsod-n93dr/>

Quantum Neural Networks (QNNs): The Next Frontier in Artificial Intelligence

Introduction

Artificial Intelligence (AI) has transformed the technological landscape over the past two decades. From deep learning applications in voice assistants and medical diagnosis to cybersecurity and autonomous systems, ANNs have driven modern innovation. However, as computational demands increase and classical systems approach their limits, a new paradigm is emerging: QNNs. These represent a fusion of quantum computing and artificial intelligence, offering the potential to redefine computational efficiency, learning capability, and pattern recognition.

The Evolution from Classical Neural Networks to Quantum Networks

Classical neural networks such as CNNs and RNNs rely on layered architectures and weighted connections, but they face challenges including high computational cost, longer training time, energy consumption, and limitations in handling extremely high-dimensional data. Quantum computing introduces qubits, which operate using superposition and entanglement, enabling parallel computation and complex correlations beyond classical capabilities. QNNs apply these quantum principles to neural models, representing data as quantum states, transforming them through quantum gates, and using hybrid optimization techniques for learning.

Hybrid Quantum-Classical Learning

QNNs offer advantages such as exponential parallelism, enhanced feature representation, improved optimization, and efficient handling of high-dimensional data. Their applications span computer vision, healthcare, cryptography, finance, and complex optimization problems. Currently, hybrid quantum-classical learning is the most practical approach, supported by platforms like Qiskit and Cirq, though challenges such as hardware limitations, noise, and error correction remain.

Conclusion

For India, QNNs present a strategic opportunity. With strong academic foundations and digital initiatives, India can leverage Quantum AI to advance healthcare, governance, and national security. Investing in research, infrastructure, and skilled human resources will be essential for India to lead in this transformative era of intelligent technologies.

Dr. Pratibha Rashmi

Assistant Professor, Department of Computer Science
Dr. Bhimrao Ambedkar Uni
Joint Secretary, AACST



This issue

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Computational Days

April 2026						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
29	30	31	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	1	2



Source: <https://www.strongdm.com/zero-trust>

1 Apr – Apple Day: Observes the founding and influence of Apple in advancing personal computing, smartphones, and digital innovation.

1 Apr – Tata Consultancy Services Day: Marks the establishment and global contributions of Tata Consultancy Services in IT services, consulting, and digital transformation.

4 Apr – Microsoft Day: Commemorates the founding anniversary of Microsoft and its impact on operating systems, software development, and cloud technologies.

7 Apr – World Health Day: An international observance led by World Health Organization to raise awareness about global health issues.

20 Apr – Hardware Freedom Day: Celebrates open hardware initiatives that allow people to study, modify, and share hardware designs freely.

21 Apr – World Creativity and Innovation Day: Promotes creative thinking and innovative solutions to support sustainable development and global progress.

23 Apr – Netflix Day: Informally acknowledges the growth of digital streaming platforms led by Netflix in transforming entertainment consumption.

26 Apr – World Intellectual Property Day: Organized by World Intellectual Property Organization to highlight the role of intellectual property in encouraging creativity and innovation.

Fourth Thursday of April – International Girls in ICT Day: Encourages girls and young women to pursue careers in information and communication technology fields.

Over the last 13 years, India's higher education system has been changing so frequently that it's hard to keep up. What once was a balanced and steady system has now turned into a series of confusing experiments—with students caught in the middle.

In the earlier Annual Pattern, students had ample time to learn, participate in sports, engage in extracurricular activities, and grow holistically. Teachers could genuinely understand and guide their students. However, all of that changed when education became exam-centric—especially under the three subsequent systems, where teachers were constantly occupied with preparing revised syllabi and repeatedly having to understand and explain how each new system was supposedly better than the previous one.

The Credit-Based System (CBS) was introduced in 2013, followed by the Choice-Based Credit System (CBCS) in 2016. In 2023, the New Education Policy (NEP) was implemented—and now, an updated version of the NEP, specifically concerning examination policies, is already being rolled out.

A Web of Confusing Systems: In some places, at the

graduation level, colleges conduct exams for odd semesters, while universities handle the even ones. In other universities, colleges conduct the first four semesters, and universities manage the final two. The result? Total confusion. Students don't know which pattern they'll be graduating under. Teachers must constantly adapt a new syllabus and scheme.

A Bigger Problem That No One Is Talking About

Across many institutes, students are being given full marks in internal exams—no assignments, no proper test, and evaluation. Now, if these same colleges are asked to conduct and evaluate university-level exams, what will happen to the quality of education?

Stop Treating Students Like Experiments

Let's say it loud and clear: Education is not a playground for trial and error. Students are not lab subjects. Every new policy affects their lives directly. And hence all stakeholders must have confidence,

- They deserve consistency.
- They deserve complete clarity,
- The Way Forward

Students want to focus on learning, Teachers want time to teach, not constantly relearn rules. Parents want confidence that their children are truly being educated. Employers want graduates who are skilled, not just certified.

So, before we jump into yet another change, let's ask:

Have we fixed what we already have? Have we ensured quality, fairness, and proper evaluation?

Let's stop experimenting and start improving. Because real education means more than marks, it means building strong, capable futures.

Dr. S. B. Kishor
President, AACST



If a member (Annual / Life) is interested in publishing an article, please follow the article instructions mentioned on page 5.

Articles will be published based on the number of submissions received and their novelty.

Upcoming Events

Association of All Computer Science Teachers (AACST)
Presents

NATIONAL-LEVEL WEBINAR COMPUTATIONAL BIOLOGY

Exploring Emerging Frontiers

Exploring the Convergence of Biology, Data, and Computational Intelligence

**SATURDAY
21 MAR, 2026** **6:30 PM – 8:00 PM (IST)**
ONLINE MODE



MENTOR & CONVENER
Dr. Abha Khandelwal
Founder, AACST



PRESIDENT
Dr. S. B. Kishor
AACST



WHO SHOULD ATTEND

- Faculty Members
- Research Scholars
- UG & PG Students
- Industry Professionals

KEY POINTS

- * Foundations of Bioinformatics
- * Sequence Alignment and Evolution
- * Protein Structure, Motifs & Structure Prediction
- * Phylogenetics and Evolutionary Analysis
- * Genomics and Comparative Genomics

REGISTRATION BENEFITS

- * Participation is Free
- * Pre-registration Mandatory
- * E-Certificates for Registered Attendees
- * Limited Seats – First Come, First Served

REGISTRATION LINK
<https://forms.gle/wtvpEtIBDcYhp5BNr>



SCAN QR CODE FOR REGISTRATION

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Shri. Irfan Sheikh, Chandrapur,
in memory of his beloved Grandmother
Late Smt. Nyaz B Khan

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IN COLLABORATION WITH
SUMADHURA SAKHI SAHELI MANCH
Organizing

NATIONAL LEVEL CYBER SECURITY AWARENESS PROGRAM: BUILDING A SAFE DIGITAL FUTURE

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DIRECTOR, CYBER SHIELD PROGRAM
FOUNDER, AACST



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**SUNDAY
22 MARCH 2026**
11:00 AM – 12:30 PM
ONLINE (GOOGLE MEET)

REGISTRATION BENEFITS

- E-CERTIFICATE FOR ALL ATTENDEES
- NO REGISTRATION FEE
- HINDI & ENGLISH (BILINGUAL)

WHO CAN ATTEND
OPEN TO ALL INDIAN CITIZENS AGED
16 AND ABOVE

REGISTRATION LINK
<https://forms.gle/MyTJxjjJVEZR8ZBA>



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SPEAKERS



DR. PRAVEEN GHOSEKAR



DR. SHWETA SHIRPURKAR

ORGANISING COMMITTEE
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NIGAR PATHAN

NOTE
AFTER REGISTRATION. JOIN THE
WHATSAPP GROUP FOR UPDATES

Successful Collaboration

NATIONAL WORKSHOP

on
Artificial Intelligence – Concept Centric and Industry-Oriented

In Collaboration with
SADABAI RAIJONI WOMEN'S COLLEGE
Nagpur
(Autonomous Institute, Affiliated by SNDT University, Mumbai, NAAC 'A' Grade)

Organized by **ASSOCIATION OF ALL COMPUTER SCIENCE TEACHERS (AACST)**



PATRON & MENTOR
DR. ABHA KHANDELWAL
Founder, Association of All
Computer Science Teachers



PRESIDENT (AACST)
DR. S. B. KISHOR



PRINCIPAL (SRWC)
DR. AMINA VALI



CONVENER
MS. ANINDITA RUNDU
Sadabai Raijoni Women's
College, Nagpur

SPONSORED BY: DR. SUNIL KHANDELWAL
IN MEMORY OF HIS FATHER -
LATE SHRI SURAJMALJI KHANDELWAL

23rd – 27th February 2026 | **6:30 PM – 8:00 PM (IST)**
Mode: Online

Target Participants: Undergraduate (UG) Students (Computer Science/
Artificial Intelligence/Data Science/Interdisciplinary Streams)

REGISTRATION FEE: ₹250/-
Last Date for Registration: 20th February 2026
Registration Link: <https://forms.gle/BPAKdJnKEUjMUgWj5>



SCAN QR

RESOURCE PERSONS:



Mr. Chandrashekar Deshpande (Mumbai)
TOPIC: Foundations of Artificial Intelligence



Dr. G. Mahesh Kumar (Hyderabad)
TOPIC: Machine Learning & Deep Learning Concepts



Ms. Anindita Rundu (Nagpur)
TOPIC: Core Functional Areas of Artificial Intelligence



Ms. Shalaja Murthy (Bangalore)
TOPIC: Generative AI & Large Language Models



Ms. Akasha Khandelwal (Bangalore)
TOPIC: AI Careers & Industry Pathways

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Student Coordinator: Rutul Patilwala

International Conference

ON
Artificial Intelligence (AI) & the Future of Society
A Multidisciplinary Perspective

ICAIFS - 2026

20th & 21st February 2026 (Online)

Organized by
Nabira Mahavidyalaya, Katol
(Reaccredited with B++ grade & CGPA of 2.76)

Katol, Dist. Nagpur, Pin code-441302(M.S), India (www.nabiramahavidyalayakatol.com)

Association of All Computer Science Teachers (www.aacst.org)



Bootcamp on C and C++ Programming

Organized by:
AACST (Association of All Computer Science Teachers)
 In Collaboration With
Speed Computer Guidance
 An Institute of Computer Science and Software Research
 (Regd. No. 2009/CHD/CCE-15)

ABOUT THE BOOTCAMP
 This 12-day intensive bootcamp is designed to strengthen foundational and advanced programming skills in C and C++ through concept sessions, demonstrations, and guided projects. Participants will learn structured and object-oriented programming, algorithm design, and debugging techniques.

WHO CAN ATTEND??
 Students, teachers, and Programming Enthusiasts Seeking to strengthen their coding skills in C and C++.

REGISTRATION AND ENQUIRIES
Contact: Speed Computer Guidance Centre
Address: Tukum, Chandrapur
Phone: +91-9890030823
Email: info@speedcomputerguidance.in
Fees: ₹ 200/-

MENTOR
 Dr. S. B. Kishor

REGISTRATION AND ENQUIRIES
Duration: 22nd February 2026 – 5th March 2026
Venue: Speed Computer Guidance Centre, Tukum, Chandrapur – 442 401 (M.S.)
Mode: Offline – Hands-on Practice Sessions

KEY FEATURES
 • Practical, hands-on learning
 • Step-by-step guidance for beginners
 • Concept clarity and coding exercises
 • Certificate of Participation from AACST
 • Expert resource persons from academia

COURSE DIRECTOR
 Irfan Israil Sheikh


Form Registration <https://forms.gle/DBvo9JoQQ6jSBfsy7>




Congratulations to Prof. Narendar Bhojak on being appointed as an Executive Council Member of the National Association for Chemical Security (NACS), Ahmedabad.

In this role, he will contribute as a Resource Person in Laboratory Safety, Chemical Security, and Green Auditing for higher education institutions and industry. We are especially delighted that Prof. Bhojak is a Life Member of AACST. His achievement brings honour not only to his institution but also to the entire AACST community. The Association congratulates him and wishes him success in this important responsibility.

Congratulations




She Inspire Presents
WOMEN SUBSTANCE Awards | Meet | Network

Celebrating
INTERNATIONAL WOMEN'S DAY

Honoring
Strong, Powerful, Independent WOMEN GLOBALLY

March 08, 2026
 Radisson Blu, New Delhi

Conference Theme
WOMEN SHAPING THE FUTURE OF INDIA



Congratulations
Dr. Abha Sunil Khandelwal
 Retired Head, Department of Computer Science, Hislop College, Nagpur Founder – National Level Association of All Computer Science Teachers (AACST)
 Lifetime Achievement – Woman of Honour



ABCD INTERNATIONAL FAMILY Presents

SHE LEADS, SHE RISES, SHE INSPIRES

Women Creating Legacy Through Leadership

Honorable Guest Speaker



Shital Bora Padgelwar
 Educator and Soft Skill Trainer

SUMMIT HIGHLIGHTS

- International Speakers
- Tools & Strategies
- E- Certificate for Participants

WORKSHOP DETAILS

- 7th March
- Start 6 PM IST Onwards
- Live on Zoom & YouTube

Honouring Excellence and Leadership

Dr. Abha Sunil Khandelwal, Retired Head of the Department of Computer Science at Hislop College, Nagpur, and Founder of the National Level Association of All Computer Science Teachers (AACST), has been honoured with the “Lifetime Achievement – Woman of Honour” award at the Women of Substance Awards 2026 by She Inspire Magazine on the occasion of International Women’s Day (March 8, 2026) at Radisson Blu, New Delhi.

This recognition celebrates her outstanding contribution to computer science education, her leadership in building academic communities, and her lifelong dedication to inspiring and mentoring students and educators. Heartiest congratulations to Dr. Abha Khandelwal on this well-deserved honour.

Inspiring Women Leadership on Global Platform

Assistant Professor and Soft Skills Trainer Shital Bora Padgelwar, a life member of AACST, delivered an inspiring session at the International Summit “She Leads, She Rises, She Inspires – Women Creating Legacy Through Leadership.” The summit, organized by ABCD International Family, brought together women leaders from across the globe to share ideas on leadership and empowerment.

She highlighted the importance of purpose-driven leadership and the role of women in inspiring other women around us. Her session emphasized the power of confidence, communication, and collaboration in building strong women leaders. The summit served as a global platform encouraging women to lead with vision and create a lasting impact in society.

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Half Page (Color)	8.27" (W) × 5.09" (H)	₹ 999
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Banner (Strip Ad)	8.27" (W) × 2" (H)	₹ 399
Classified Text Ad	Up to 50 words (1 column)	₹ 199

Technical Specifications

- File formats: JPEG / PNG / PDF (300 DPI)
- Submission deadline: 10th of every month

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- AACST News Paper – Advertisement Desk
- ✉ Email: info@aacst.org
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Note: A discount of 10% for School/College admission News and 25% on vacancy News.

Publish Article in AACST Newsletter

Instruction

- 1) Heading Size should be 14-16 with 3 subheadings
- 2) Normal Text size 9 Font: Times New Roman / Arial
- 3) Kindly include relevant picture of title with source
- 4) Article should be original and should follow Ethics
- 5) **The editor is not liable for any copied content in articles, including cases of improper or missing citation.**
- 6) Cite whenever copying & Pasting sentences/idea/images
- 7) Article should have word counts **250-275 words**
- 8) Login into www.aacst.org with your username and password
- 9) Upload your Article via Send Article Option under News Letter Page

Note: If you forget the password, click on 'Forgot Password' and then

Authors are invited to submit original and unpublished research paper(s).

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Kindly become **Life Member or Organizational Member** of AACST (Association of All Computer Science Teachers) for enhanced professional development, networking, and access to valuable resources in the dynamic field of computing, Research, and education.

Join now to stay abreast of the latest advancements and contribute to the community's growth and excellence.

Website: www.aacst.org

Become Member: <https://aacst.org/registration.php>

Registration Fees: **Rs. 6000/-**

Dr. S. B. Kishor
President, AACST



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