



Registered with MSME

FOUNDER

Dr. Abha Khandelwal

EXECUTIVE BODY

President

Dr. S. B. Kishor

Vice-President

Dr. C. H. Sawarkar

Secretary

Dr. Pravin H. Ghosekar

Joint-Secretary

Dr. Pratibha Rashmi

Treasurer

Dr. Kishor M. Dhole

EXECUTIVE MEMBERS

Prof. Dr. Manu Pratap Singh

Prof. Dr. Sumeet R. Gill

Prof. Dr. V. N. Chavan

Prof. Dr. A. B. Sasankar

Dr. Rakesh K. Dhuware

Dr. Madhav M. Bokare

Ms. Rupa Rajakumari R. Peter

Mr. Irfan Israil Sheikh

NEWSLETTER EDITORIAL TEAM FOR THE FEBRUARY 2026 ISSUE

Dr. S. B. Kishor (Editor)



<https://appstech.in/wp-content/uploads/2024/05/Screenshot-2024-05-06-112822.png>

This issue

Cyber Security in Digital Age P.1

Role of Zero Trust in Regulatory Compliance Frameworks P.2

Research Upcoming Collaboration P.3

Research Advertise with us P.5

Cyber Security in the Digital Age - Protection or Problem?

In 2026, our lives are almost entirely online. We use the internet for everything from paying bills to locking our front doors. Because of this, cybersecurity—the tools and habits we use to stay safe online—is more important than ever.

But is it a helpful "protection" or just a complicated "problem"? Let's break it down in simple terms.

The Protection: Your Digital Seatbelt

Think of cybersecurity like a seatbelt or a home alarm. It's there to stop bad things from happening. In 2026, this protection has become much smarter:

- **Smart Defenses:** Just like a smart home knows when a window is broken, modern security uses AI (Artificial Intelligence) to spot hackers immediately.
- **No More Passwords:** We are finally moving away from hard-to-remember passwords. Now, your phone uses your face, fingerprint, or even your voice to prove it's really you. This is much harder for a thief to steal.
- **Automatic Updates:** Most of your devices (like your fridge or TV) now fix their own security holes in the background while you sleep.

The Problem: Why It Feels Like a Burden

Even though we have better tools, cybersecurity can still feel like a "problem" for a few reasons:

- **Smart Scams:** Scammers are using AI too. They can now send emails that look perfect or even make a phone call using a fake version of a friend's voice (called a "Deepfake"). It makes it hard to know who to trust.
- **Too Much Tech:** Sometimes, security is so strict that it's annoying. You might have to verify your identity three times just to log into your work

email. This "digital friction" can be frustrating.

- **Everything is Connected:** In 2026, even your lightbulbs are online. If one device isn't secure, it can create a "back door" for hackers to get into your entire home network.

Quick Home Safety Check (2026)

Stay safe online with these simple steps. It only takes a few seconds to make your home much harder to hack.

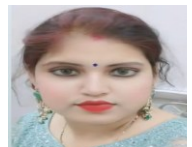
1. **Secure Your Wi-Fi & Strong Password:** Make sure your Wi-Fi has a password that's hard to guess.
2. **Lock Your Accounts through Double Login (2FA):** Turn on "Two-Factor Authentication." This asks for a code from your phone when you log in, so a stolen password isn't enough to get in.
3. **Watch for Scams**
 - **The 3-Second Rule:** Before clicking any link, wait 3 seconds and ask, "Is this real?"
 - **Family Safe Word:** Since AI can now fake voices, pick a secret word with your family. If someone calls asking for money, ask for the secret word to prove it's really them.

The Simple Verdict

Cybersecurity is like exercise: it can be a "problem" because it takes work and can be tiring, but it's a necessary "protection" to keep you healthy.

Leena Nasare

Dept. of Computer
SP College, Chandrapur
Life Member AACST



Role of Zero Trust in Regulatory Compliance Frameworks

Computational Days

FEBRUARY 2026						
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
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

MARCH 2026						
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
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	31				

Feb. 22 — National Library Day

Celebrates the role of libraries in promoting knowledge, research, and lifelong learning in India.

Feb. 24 — WhatsApp Day

Marks the founding of WhatsApp and its impact on global digital communication.

Feb. 28 — National Science Day

Commemorates the discovery of the Raman Effect and promotes scientific research and innovation in India.

Mar. 02 — Open Data Day

It encourages the use of open data for transparency, research, innovation, and community development.

Mar. 19 — HP (Hewlett Packard)

Marks the founding of HP (Hewlett-Packard) and its contributions to computing and hardware innovation.

Mar. 21 — Twitter (X) Day

Recognizes the launch of Twitter (X) and its influence on real-time digital communication.

Mar. 27 — Document Freedom Day

Promotes open standards and accessibility of digital documents across platforms and technologies.

Mar. 31 — World Backup Day

Raises awareness about the importance of data backup and digital security practices.



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

Introduction

Cybersecurity is no longer limited to the IT department. It has become a leadership concern, a governance responsibility, and a legal obligation. Organizations now operate in cloud environments, support remote work, and transfer data across multiple platforms and national borders. At the same time, governments are strengthening data protection and cybersecurity regulations. In this evolving landscape, Zero Trust has emerged as a practical and forward-looking security model that enhances protection while supporting regulatory compliance.

Understanding Zero Trust

Zero Trust is based on a simple but powerful principle: never automatically trust any user, device, or system. Every access request must be verified. Traditional security models assumed that users inside the organization's network were trustworthy. However, modern cyberattacks frequently exploit stolen credentials or internal weaknesses. Zero Trust eliminates default trust and requires continuous authentication, device validation, and contextual assessment before and after access is granted.

Regulatory Alignment

Modern regulations such as the Digital Personal Data Protection Act, General Data Protection Regulation, Health Insurance Portability and Accountability Act, and Payment Card Industry Data Security Standard require organizations to protect sensitive information, restrict unauthorized access, maintain audit records, and report breaches promptly. Although these frameworks differ in scope, they share common expectations of accountability, transparency, and strong security controls. Zero Trust naturally supports these requirements.

Access Control and Least Privilege

Zero Trust strengthens security through multi-factor authentication and role-based access control. Users receive only the minimum level of access required to perform their duties. This principle of least privilege reduces the potential damage caused by compromised accounts and supports regulatory requirements related to data minimization and restricted processing.

Monitoring and Risk Management

Zero Trust emphasizes continuous monitoring, detailed logging, and micro-segmentation. These measures improve audit readiness and limit the spread of breaches. By evaluating contextual risk factors such as device health and user behavior, Zero Trust provides adaptive security. While implementation requires planning and investment, it significantly reduces compliance risks and long-term organizational impact.

Santosh Shinde

Officiating Principal,
LATE DR SACCHIDANAND
MUNGANTIWAR NIGHT
COLLEGE, WADGAON,
CHANDRAPUR

Life Member AACST



If a member (Annual / Life) is interested in publishing an article, please follow the article instructions mentioned on page 3.

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

Upcoming Collaboration of AACST



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. 2008/CHD/CE-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:** +91-9890030623
• **Email:** info@speedcomputerguidance.in
• **Fees:** 200/-

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

MENTOR
Dr. S. B. Kishor

COURSE DIRECTOR
Irfan Israil Sheikh

Form Registration <https://forms.gle/DBvo9JoQ6jSBfsy7>

◆ Upcoming Event

AACST, in collaboration with Speed Computer Guidance, is organizing a 12-Day Bootcamp on C & C++ Programming from 22nd February to 5th March 2026 at Chandrapur.

This intensive, hands-on program is designed for students and programming enthusiasts to strengthen their coding foundations with practical sessions, guided projects, and expert mentoring.

Participants will receive a Certificate of Participation from AACST.



NATIONAL WORKSHOP
on
Artificial Intelligence – Concept Centric and Industry-Oriented

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

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

RESOURCE PERSONS:
Mr. Chandrashekhar Deshpande (Mumbai) TOPIC: Foundations of Artificial Intelligence
Dr. G. Mahesh Kumar (Hyderabad) TOPIC: Machine Learning & Deep Learning Concepts
Ms. Anindita Kundu (Nagpur) TOPIC: Core Functional Areas of Artificial Intelligence
Ms. Shailaja Murthy (Bangalore) TOPIC: Generative AI & Large Language Models
Ms. Akansha Khandelwal (Bangalore) TOPIC: AI Careers & Industry Pathways

ORGANIZING COMMITTEE
• Dr. Kishor Dhale • Dr. Shweta Shirpurkar
• Dr. Nithya B. N. • Dr. Harshala Petha
• Dr. Geethalakshmi • Ms. Ashwini Ankar
• Dr. Snehal Narule • Mr. Irfan Sheikh
Student Coordinator: Rutul Patilcola

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

REGISTRATION FEE: ₹250/-
Last Date for Registration: 20th February 2026
Registration Link: <https://forms.gle/BPAkDJnKEUjMugWY5>

AACST is organizing a National Workshop on Artificial Intelligence – Concept Centric and Industry-Oriented from 23rd to 27th February 2026 (Online, 6:30 PM – 8:00 PM IST) in collaboration with Sadabai Raison Women's College, Nagpur.

The workshop is specially designed for undergraduate students of Computer Science, AI, Data Science, and interdisciplinary streams. Expert resource persons from Mumbai, Hyderabad, Bangalore, and Nagpur will cover Foundations of AI, Machine Learning & Deep Learning, Core Functional Areas of AI, Generative AI & LLMs, and AI Career Pathways.

With a strong focus on conceptual clarity and industry relevance, this initiative reflects AACST's commitment to empowering young learners with future-ready skills. The workshop also enables participants to acquaint themselves with real-life examples of how Artificial Intelligence knowledge is applied in industry, effectively bridging the gap between theoretical understanding and practical implementation.



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)

AACST is proud to collaborate with Nabira Mahavidyalaya, Katol for the International Conference on Artificial Intelligence & the Future of Society: A Multidisciplinary Perspective (ICAIFS–2026) scheduled on 20th–21st February 2026 (Online)

The conference aims to provide a global platform for scientists, academicians, researchers, industry experts, and policymakers to share cutting-edge research and innovative applications in Artificial Intelligence. The scientific program includes keynote addresses, invited talks, and oral presentations, with awards for Best Oral Presentation.

With diverse sub-themes spanning Management, Humanities, Science & Technology, and AI-driven innovation, ICAIFS–2026 reflects AACST's commitment to fostering interdisciplinary research, academic collaboration, and responsible AI adoption for societal advancement.

Sucessful Collaboration

SADABAI raisoni
WOMEN'S COLLEGE
Nagpur

ICAMT
2026

In Collaboration With

ASSOCIATION OF ALL
COMPUTER SCIENCE TEACHERS
NATIONAL LEVEL



6th International Conference on Advances in Management & Technology

**From Data Intelligence to
Cyber Defense: Integrative AI
for Empowering the Digital
Future (ICAMT) 2026**

6th February 2026

AACST successfully collaborated with Sadabai Raisoni Women's College, Nagpur for the 6th International Conference on Advances in Management & Technology (ICAMT 2026) held on 6th February 2026.

The conference theme, "From Data Intelligence to Cyber Defense: Integrative AI for Empowering the Digital Future," brought together academicians, researchers, industry experts, and students to deliberate on emerging trends in AI, cybersecurity, management, and digital transformation. The event witnessed enthusiastic participation from over 250 delegates, fostering enriching discussions and meaningful academic exchange.

Congratulation

Congratulation to Shadab Hussain sir, our Life Member of AACSTian who will be speaking at **India Impact AI Summit 2026** as a panelist.



Shadab Hussain is a technology executive and strategic advisor specializing in AI, Blockchain, and Quantum Computing. As Lead Engineer at MathCo, he architects enterprise AI solutions for Fortune 500 clients. Previously at the London Stock Exchange Group, he led developer relations across global financial ecosystems. A Google Developer Expert (AI/ML), AWS Community Builder, and TEDx speaker, Shadab operates at the intersection of frontier technology and business strategy. He serves on the Davos Digital Council and co-founded Quantum Computing India, the nation's largest quantum community. As a startup advisor, he guides founders and investors in deploying AI, blockchain, and quantum technologies for competitive advantage. His research on AI and Quantum Computing bridges academic rigor with practical enterprise application.

8+ Years in Enterprise Tech

We are pleased to announce the commencement of the **On-the-Job Training (OJT)** program under the banner of **AACST – Industrial Training Partner**.

Institutions interested in arranging internships or OJT opportunities for their students are kindly requested to contact us.

Advertise with us – Promote your admissions, vacancies, conferences, seminars, workshops, or other events organized by your institution, and reach thousands of faculty, researchers, students, and professionals across disciplines through our monthly News Letter.

Advertisement Sizes & Rates (A4 Page)

Ad Type	Ad Size (A4 Based)	Rate (INR)
Full Page (Color) First Page	8.27" (W) × 10.19" (H)	₹ 2,999
Full Page (Color) in the Middle/Last	8.27" (W) × 10.19" (H)	₹ 1,499
Half Page (Color)	8.27" (W) × 5.09" (H)	₹ 999
Quarter Page (Color)	4.13" (W) × 5.09" (H)	₹ 499
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

Contact Us

- AACST News Paper – Advertisement Desk
- Email: info@aacst.org
- Phone: +91-9665045780

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 subheading
- 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 check your e-mail.

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

CALL FOR PAPERS

IJ-AACST

(International Journal of Advances and Applications in Convergent Studies & Transdisciplinary)

• ONLINE • PEER-REVIEWED • REFEREED • OPEN ACCESS • MONTHLY

Volume 2 | Issue 1 |
January 2026

Key Features

- Peer-Reviewed & Refereed
- Open Access (CC BY 4.0 License)
- Fast Review (10-15 Days)
- Monthly Publication
- E-ISSN will be updated upon allotment

Scope of the Journal

- Computer Science, IT, AI, ML, IoT
- Engineering & Technology
- Applied & Physical Sciences
- Management, Commerce, Business Studies
- Electronics & Communication
- Social Sciences & Humanities
- Education, Innovation & Emerging Research
- Languages
- Convergent & Transdisciplinary Studies

Submission Guidelines

- Research Articles
- Review Papers
- Case Studies
- Survey Papers
- Short Communications

Important Dates

- Submissions: OPEN NOW
- Acceptance Notification: 15 - 20 Days
- Publication: Next Monthly Issue

Email: editor@aacstij.org

Format: MS Word / PDF

Template: Available on website

Journal Website: <https://www.aacstij.org>

Article Processing Charge (APC) ₹ 1200

Submit your work and be part of IJ-AACST's growing academic community!

Dear Sir/Madam,

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

Follow / Connect with AACST for Updates

LinkedIn:

<https://www.linkedin.com/in/aacst-nagpur-4a164337b/>

Facebook:

<https://www.facebook.com/AACSTNagpur>