



Newsletter

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ISO 9001:2015 Certified & MSME Registered

01 ISO 9001:2015 certification recognising our quality standards across education, research, training, publication, skill development and consultancy – the same standard governs IJ-AACST.

02 MSME registration, alongside registration under the Societies Registration Act, 1860 (Regd. No. Nagpur/0000492/2023).

ISO 9001:2015

MSME REGISTERED

ISSN 3139-1737

DAYS TO REMEMBER

September 2026**2 SEPTEMBER****Google Chrome Day**

Marks the 2008 launch of the Chrome browser, which reshaped how the world experiences the web.

9 SEPTEMBER**First Computer Bug Day**

In 1947, engineers found a moth in Harvard's Mark II relay, the first literal computer "bug".

13 SEPTEMBER**Day of the Programmer**

Celebrated on the 256th day of the year (2⁸), honouring programmers whose code powers every industry.

15 SEPTEMBER**Engineer's Day (India)**

Birth anniversary of Bharat Ratna Sir M. Visvesvaraya, celebrating engineers who build the nation.

19 SEPTEMBER**Software Freedom Day**

Global celebration of free and open-source software, held on the third Saturday of September.

20 SEPTEMBER**AACST turns 3**

Third Foundation Anniversary. Registered on 20 September 2023, and growing into a national community of educators ever since.

27 SEPTEMBER**Google's Birthday**

The search engine that organised the world's information turns 28 this year.

FROM THE EDITOR'S DESK

Dear readers, it is with profound humility and a deep sense of purpose that I take up, for the very first time, the responsibility of editing this newsletter. To inherit a publication so carefully nurtured is both an honour and a charge I do not hold lightly: a newsletter is far more than a chronicle of events; it is the living memory of an institution, the thread that binds educators, researchers and students across disciplines into one community of inquiry. I step into this role with the conviction that every page must inform, but also inspire; and that the convergence of disciplines we champion at AACST must be reflected in the very breadth of what we publish. I seek your indulgence, your candid counsel and, above all, your contributions as we shape this platform together.

It gives me great joy to present the August 2026 issue of the AACST Newsletter. This month has been especially eventful for our association: the AstroQuest camp in astrophysics for school students concluded after six enriching weeks, and our national webinar "From Data to Decisions" introduced hundreds of participants to the power of business intelligence.

The AACST Learning HUB continues to grow, with new certificate courses in Power BI and Java programming now open for enrolment, and our free Cyber Shield national awareness drive equipping citizens against digital fraud. Meanwhile, IJ-AACST welcomes quality research from every discipline, and I warmly invite you to publish with us.

I thank our members, office bearers, reviewers and well-wishers for their continued support, and wish Dr. S. B. Kishor and Shital Bora Padgelwar heartfelt congratulations on the proud moments we celebrate in this issue.

Dr. Abha Khandelwal

Chief Editor & Founder, AACST

WORTH READING: TECH BRIEFS

AI takes on open mathematics

OpenAI reported that an internal version of its next model, Astra, solved ten previously open problems in mathematics and theoretical computer science, publishing machine-checkable Lean proofs for roughly \$2,000 in compute. Researchers are examining the proofs independently.

DNA meets the semiconductor

Researchers combined synthetic DNA with a semiconductor to create an ultra-low-power memory device that stores and processes information in the same place, a step towards in-memory computing.

An F-16 flies itself

DARPA completed the first real-world flight of an F-16 fully controlled by AI, reopening the debate on how much decision-making we hand to machines.

IMPORTANT WORLD AROUND NEWS, AUGUST 2026

Quantum solvers gain a scaling edge

A study in *Nature Computational Science* demonstrated an empirical scaling advantage on representative NP-complete problems by pairing a search-space reduction algorithm with quantum solvers, so quantum resources grew more slowly than classical ones.

Watermarks for AI-generated content

Anthropic's new Claude models will watermark text and tag images as AI-generated, responding to EU AI regulations, a step for research integrity worldwide.

A chip-sized rainbow for 6G

Researchers created a tiny chip that produces a stable "rainbow" of light generating multiple high-frequency signals at once, a potential boost to the speed and capacity of future 6G networks.

An AI agent that writes quantum code

Nature reports an autonomous AI agent that can write and execute quantum-computing code on its own, though it still needs the occasional human touch.

Fibre-like optics on a silicon chip

Caltech scientists built ultra-low-loss optical pathways on silicon chips approaching fibre-optic efficiency, promising miniature atomic clocks, quantum systems and energy-efficient data processing.

A cooler recipe for qubits

Cornell researchers cut the deposition temperature of tantalum superconducting qubits from over 400°C to 200°C using krypton-gas sputtering, easing fabrication of quantum hardware.

UPCOMING CONFERENCES & WORKSHOPS IN INDIA, SEPTEMBER / OCTOBER 2026

International Conference on Applied Artificial Intelligence and Machine Learning (ICAAIML)

Pune, Maharashtra · 16 September 2026

Focus areas: Applied AI, Machine Learning, Intelligent Systems

Global AI Summit and Awards (GAISA)

New Delhi, Delhi · 20 September 2026

Focus areas: Artificial Intelligence, Industry Applications, AI Policy

International Conference on Robotics, Machine Learning and Artificial Intelligence (ICRMLAI)

New Delhi, Delhi · 22 September 2026

Focus areas: Robotics, Machine Learning, Artificial Intelligence

International Conference on Advances in Artificial Intelligence and Computer Science (ICAAICS)

New Delhi, Delhi · 25 September 2026

Focus areas: Artificial Intelligence, Computer Science, Emerging Technologies

Cypher 2026: India's flagship AI conference

Bengaluru, Karnataka · 7-9 October 2026

Focus areas: Generative AI, AI Agents, Enterprise AI, MLOps, Responsible AI

POLICY WATCH

Government of India

At the National Space Technology Conclave 2026 (August), ISRO experts outlined new Government of India policies to make the country a space and innovation hub, with AI/ML powering on-board processing on next-generation satellites and quantum technology securing financial, military and other sensitive communications. This builds on the ₹6,003-crore National Quantum Mission, which targets indigenous quantum computers of 50-1,000 qubits by 2031.



Dr. S. B. Kishor

Associate Professor & Head, Department of Computer Science, Sardar Patel Mahavidyalaya, Chandrapur - President, AACST

Dr. S. B. Kishor completes his 150th UGC-MMTTC session

Dr. S. B. Kishor, Associate Professor and Head of the Department of Computer Science at Sardar Patel Mahavidyalaya, Chandrapur, has achieved a significant milestone by delivering his 150th academic and faculty-development session as a Resource Person at UGC-HRDC and MMTTC centres across India over the past eight years.

The UGC-HRDC-MMTTC system is governed under the Ministry of Education, Government of India, and faculty members undertake their Orientation, Refresher and Short-Term Courses through these centres. More than 20,000 faculty members, students, and research scholars have benefited from its training and academic initiatives.

AACST congratulates Dr. Kishor on this remarkable achievement and wishes him continued success in his academic journey.

150

SESSIONS DELIVERED

8 years

AS UGC RESOURCE PERSON

20,000+FACULTY & SCHOLARS
BENEFITED

Shital Bora Padgelwar onboarded as Soft Skills Trainer with the Naandi Foundation

For the past eight years, Shital Bora Padgelwar, Freelance Soft Skills Trainer and Founder of AIM's Training Institute, has empowered learners across India through skill-based training. Her expertise spans communication, personality development, confidence building, employability, leadership and professional development.

She has now been officially onboarded as a Soft Skills Trainer with the Naandi Foundation, a wider platform to empower individuals to become confident, capable and career-ready. AACST congratulates her on this milestone.

**Shital Bora Padgelwar**

Founder, AIM's Training Institute

1,500+

HOURS OF TRAINING DELIVERED

5 audiencesSTUDENTS, FACULTY,
ENTREPRENEURS,
PROFESSIONALS &
HOMEMAKERS**Banks to NGOs**SCHOOLS, COLLEGES,
CORPORATES & NGOS SUCH AS
JCI

"Excellence is a continuous process and not an accident."

DR. A. P. J. ABDUL KALAM

Completed: Concluded in August 2026



AstroQuest: National-Level Online Camp in Astrophysics

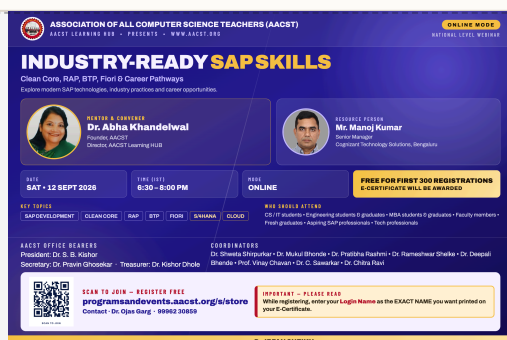
From fundamentals to simulation, for Classes 6-10 · 1 July – 15 August 2026



From Data to Decisions: The Power of Business Intelligence

National-level online webinar · 16 August 2026

Upcoming: 12 September 2026



Industry-Ready SAP Skills: National-Level Webinar

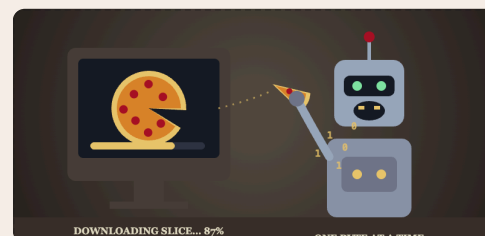
Sat, 12 September 2026 · 6:30-8:00 PM IST · online · free for first 300 · register at programsandevents.aacst.org/s/store

A Byte of Humour

“

How do robots eat pizza?

One byte at a time.



AACST Learning HUB: Courses

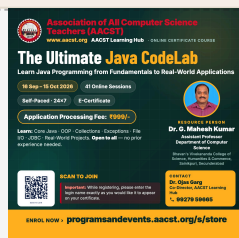
programsandevents.aacst.org

Online certificate courses now open for enrolment on the AACST Learning HUB.



Microsoft Power BI

16 Aug – 15 Sep 2026 · 22 sessions · ₹ 550 · e-certificate



The Ultimate Java CodeLab

16 Sep – 15 Oct 2026 · 41 sessions · ₹ 999 · e-certificate



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Online · free & open to everyone · registration closing soon

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THE JOURNAL AT A GLANCE

PEER REVIEW International, refereed	FREQUENCY Monthly publication	REACH Multi-disciplinary & multi-language	ACCESS Open access, CC BY 4.0
IDENTIFIER DOI support enabled	RECOGNITION E-certification for authors	SUBMISSION Online system, template provided	PROCESSING CHARGE ₹ 1,200 per paper ₹ 1,000 for AACST life members

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Aligned with the vision of NEP 2020 and UGC Guidelines

Submissions close the **27th of every month**

DEADLINE 27th of every month	PLAGIARISM 10% or below	ISSN (ONLINE) 3139-1737
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DISCIPLINES WELCOMED

- Agricultural Sciences
- Applied Engineering and Innovation
- Applied Sciences
- Arts and Cultural Studies
- Basic Sciences
- Business Management and Commerce
- Computational Sciences
- Computer Science and Computing Technologies
- Computing and Information Technology
- Economics and International Business
- Education and Pedagogy
- Engineering
- Environmental Science, Forestry and Wildlife Management
- Geology and Earth Sciences
- Health Sciences
- Health Sciences (Veterinary Division)
- Historical and Archaeological Sciences
- Law and Legal Studies
- Library and Information Science
- Materials Science
- Mass Communication
- Physical Education and Sports Science
- Social Sciences and Humanities
- Social Work and Human Development
- Soil Science
- Veterinary Science

... and related emerging fields, multidisciplinary and transdisciplinary research.

INSTRUCTIONS FOR AUTHORS

From Manuscript to Milestone

Everything you need to prepare, format and submit your paper to IJ-AACST.

MANUSCRIPT STRUCTURE

1. Title: concise and informative, 12–20 words
2. Author details with affiliation, e-mail and ORCID iD; corresponding author marked *
3. Abstract: one paragraph, 150–250 words, no citations
4. Keywords: 3–6, alphabetical
5. Introduction, literature review, methodology, results and discussion, conclusion and future scope
6. References: APA / IEEE / MLA / Chicago, used consistently
7. Acknowledgment and author biography (optional)

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Page size	A4, 21 × 29.7 cm, single column
Margins	T 2.5 · B 1.0 · L 2.0 · R 1.5 cm
Title	Times New Roman 14 pt bold, centred
Author info	Times New Roman 11 pt, centred
Headings	Times New Roman 12 pt bold, left
Body text	Times New Roman 11 pt, justified, 1.5
Tables & captions	10 pt, numbered and cited in text

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FILE	ORIGINALITY	LICENCE
MS Word .doc / .docx only	Plagiarism 10% or below	CC BY 4.0, authors retain copyright

BEFORE YOU SUBMIT

- Ethics.** Declare conflicts of interest, funding and prior presentation of the work.
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REGIONAL-LANGUAGE SUBMISSIONS · UNICODE FONTS

Assamese Lohit Assamese	Hindi Mangal	Malayalam Kartika	Odia Kalinga	Sindhi Mangal (Devanagari)
Bengali Lohit Bengali	Kannada Tunga	Manipuri (Meitei) Meetei	Punjabi Raavi	Tamil Latha
Bodo Mangal (Devanagari)	Kashmiri Mangal (Devanagari)	Mayek	Sanskrit Mangal	Telugu Gautami
Dogri Mangal (Devanagari)	Konkani Mangal (Devanagari)	Marathi Mangal	Santali Ol Chiki / Noto Sans Ol	Urdu Nastaleeq / Noto
Gujarati Shruti	Maithili Mangal (Devanagari)	Nepali Mangal (Devanagari)	Chiki	Nastaliq Urdu

Keep the prescribed sizes and alignment: title 14 pt bold centred, headings 12 pt bold, body 11 pt, line spacing 1.5, 1" margins.

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Full page (colour), middle / last	8.27" W × 10.19" H	₹ 1,499
Half page (colour)	8.27" W × 5.09" H	₹ 999
Quarter page (colour)	4.13" W × 5.09" H	₹ 499
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