



AACST NEWSLETTER

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Celebrate Computational Days

2026

AUGUST

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Accenture Day – 1 August

Accenture Day recognizes the contributions of Accenture in technology, consulting, and digital innovation. It highlights the company's role in driving business transformation and developing future-ready solutions.

National Book Lovers Day – 9 August

National Book Lovers Day celebrates the joy of reading and the value of books in expanding knowledge and imagination. It encourages people of all ages to take time to read and appreciate literature.

HCL Technologies Day – 11 August

HCL Technologies Day celebrates the achievements of HCLTech in IT services, engineering, and digital transformation. It recognizes the company's commitment to innovation and delivering technology solutions worldwide.

IBM PC Day – 12 August

IBM PC Day commemorates the introduction of the IBM Personal Computer, which transformed personal computing and business technology. It marks a milestone in the evolution of modern computers and their widespread adoption across the world.

✍ From the Editor Desk

The continuous pursuit of quality, excellence, and innovation has always been the guiding principle of the Association of All Computer Science Teachers (AACST). It gives me immense pleasure to share that AACST is now an **ISO 9001:2015** Certified Organization, marking a significant milestone in our journey towards excellence in education, research, training, publications, skill development, and consultancy.

This internationally recognized certification reflects our commitment to maintaining quality standards in all our academic and professional activities. It strengthens the confidence of our members, researchers, academicians, and industry partners while encouraging us to continuously improve our services.

I am equally delighted to share that the International Journal of Advances and Applications in Convergent Studies & Transdisciplinary (IJ-AACST) continues to expand its global visibility through reputed indexing platforms, providing greater reach to quality research.

I sincerely thank all AACST members, office bearers, reviewers, authors, and well-wishers whose support has made these achievements possible. Let us continue working together to promote quality research, innovation, ethical academic practices, and professional excellence for the benefit of society.

Dr. S. B. Kishor

President, AACST

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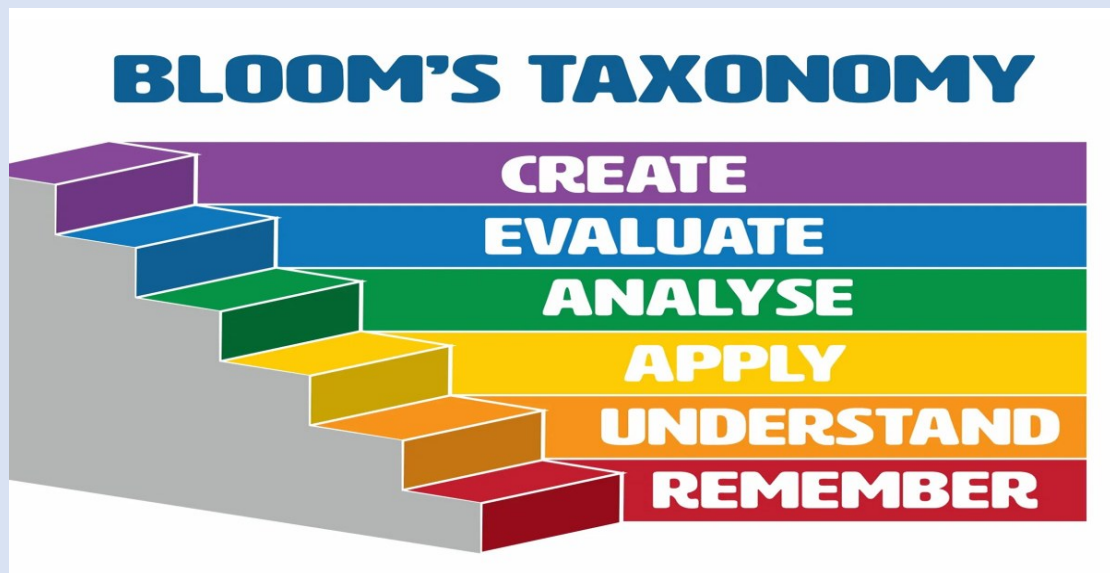
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Application of Bloom's Taxonomy in Paper Setting

Dr. S.B. Kishor
President, AACST

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<https://linktr.ee/sbk3>



The Same Topic, Different Questions: The Real Application of Bloom's Taxonomy



Dr. S. B. Kishor

Bloom's Taxonomy is widely used while writing Programme Outcomes (POs), Programme Specific Outcomes (PSOs), Course Outcomes (COs), and learning objectives. However, its application should not be limited to curriculum design alone. It is equally valuable in planning classroom instruction and, more importantly, in setting balanced and progressive question papers.

Yesterday, while conducting a workshop on NEP 2020, a thought occurred to me: *Why don't we apply Bloom's Taxonomy more systematically while setting question papers?* We often discuss Bloom's Taxonomy while framing outcomes, but rarely extend the same philosophy to assessment.

Consider a common situation in many programmes. The same topic appears in different semesters—for example, control structures while learning different programming languages. Although the programming language changes from one semester to another, the underlying concept remains the same. Does this mean we should ask the same type of questions every time? Certainly not.

As student progress through a programme, their knowledge, experience, and cognitive abilities also develop. Therefore, the assessment should reflect this progression. Instead of repeating similar questions, the cognitive level should gradually move from Remembering and Understanding to Applying, Analyzing, Evaluating, and finally Creating. Bloom's Taxonomy provides an excellent framework for achieving this progression.

Semester	Bloom's Level	Nature of Question	Sample Question
B.Sc. Sem I	Remember, Understand	Basic concepts	Define control structures. Explain the purpose of selection and iteration statements with suitable syntax.
B.Sc. Sem II	Understand, Apply	Program execution	Write a program using decision-making and looping statements to solve a given problem. Explain the program flow.

Semester	Bloom's Level	Nature of Question	Sample Question
B.Sc. Sem III	Apply, Analyze	Comparative implementation	Compare different looping constructs available in the programming language. Analyze which control structure is most suitable for the given problem with justification.
B.Sc. Sem IV	Analyze	Program analysis	Analyze the given program containing nested decision-making and looping constructs. Identify logical errors, predict the output, and suggest appropriate modifications.
B.Sc. Sem V	Evaluate	Critical evaluation	Evaluate different approaches for implementing the given problem using various control structures. Justify the most efficient and readable solution considering performance and maintainability.
B.Sc. Sem VI	Create	Design and development	Design and develop a complete solution for the given application by integrating appropriate control structures with modular programming. Justify the design decisions and discuss possible improvements.

The important observation is that the topic remains the same, but the expected cognitive level changes. Students move progressively i.e. changing blooms level from Remembering and Understanding to Applying, Analyzing, Evaluating, and finally Creating. This progression reflects the true purpose of higher education.

The same principle applies to every discipline—Science, Commerce, Arts, Languages, and Professional programmes. Under NEP 2020 and Outcome-Based Education (OBE), teachers should not only decide what to teach, but also at what cognitive level students are expected to learn and demonstrate their understanding. Bloom's Taxonomy provides the roadmap for achieving this goal.

A topic may remain the same throughout a programme, but the questions should evolve with the learner's cognitive growth. That is the true application of Bloom's Taxonomy.

Dr. S. B. Kishor

Chairman, BoS, Computer Science,
Gondwana University, Gadchiroli

Important World Around News

—
Aug. 2026

- Raebareli, Uttar Pradesh | 1–2 August 2026
Focus Areas: Artificial Intelligence, Internet of Things (IoT), Cyber Security, Smart Computing International Conference on Artificial Intelligence, IoT and Cyber Security (ICAIICS 2026)
- New Delhi, Delhi | 7 August 2026
Focus Areas: Artificial Intelligence, Cybersecurity, Governance, Risk & Compliance (GRC) GRC India AI Conclave 2026
- Noida, Uttar Pradesh | 6–8 August 2026
Focus Areas: Computer Science, Software Engineering, Artificial Intelligence, Cloud Computing International Conference on Contemporary Computing (IC3 2026)
- Bengaluru, Karnataka | 7–8 August 2026
Focus Areas: Contemporary Computing, Artificial Intelligence, Machine Learning, Communication Systems IEEE International Conference on Contemporary Computing and Communications (InC4 2026)
- Hyderabad, Telangana | 27–29 August 2026
Focus Areas: Cybersecurity, Cloud Security, Ethical Hacking, Threat Intelligence Nullcon Hyderabad 2026 Transformation International Conference on Emerging Technologies and Intelligent Systems

Upcoming Conferences & Workshops in India

—
Aug. 2026

- Nagpur, Maharashtra | 1 August 2026
Focus Areas: AWS Cloud, Artificial Intelligence, Machine Learning, DevOps, Cloud Security
AWS Student Community Day 2026
- Noida, Uttar Pradesh | 6–8 August 2026
Focus Areas: Artificial Intelligence, Software Engineering, Computer Science, Cloud Computing, Data Analytics
IEEE 18th International Conference on Contemporary Computing (IC3 2026)
- New Delhi, Delhi | 7 August 2026
Focus Areas: Artificial Intelligence, Cybersecurity, Governance, Risk & Compliance (GRC), Digital Trust
GRC India AI Conclave 2026
- Bengaluru, Karnataka | 7–8 August 2026
Focus Areas: Artificial Intelligence, Machine Learning, Intelligent Systems, Contemporary Computing, Communication Technologies
IEEE International Conference on Contemporary Computing and Communications (InC4 2026)
- Chennai, Tamil Nadu | 8 August 2026
Focus Areas: Artificial Intelligence, Machine Learning, Cloud Computing, Cybersecurity, Internet of Things, Big Data Analytics
International Conference on Advanced Computer Science and Information Technology (ICACSIT 2026)
- Hyderabad, Telangana | 27–29 August 2026
Focus Areas: Cybersecurity, Ethical Hacking, Cloud Security, Threat Intelligence, Application Security
Nullcon Hyderabad 2026



Dr. Ratnadeep Deshmukh

AACST Congratulates Dr. Ratnadeep Deshmukh on His Re-election to the IETE Governing Council

AACST extends its heartfelt congratulations to its esteemed member, **Dr. Ratnadeep Deshmukh**, Principal and Director of ICEEM, Chhatrapati Sambhajinagar, on his re-election to the prestigious **IETE Governing Council, New Delhi**, for a second consecutive term with a record majority.

Ranked **second nationwide** in the elections, Dr. Deshmukh brings over **35 years of experience** in teaching, research, and academic leadership. His outstanding contributions to engineering education, research, innovation, and industry-academia collaboration have earned him national recognition. Through his new tenure, he aims to strengthen innovation, promote emerging technologies, foster industry partnerships, and empower young engineers through IETE.

AACST wishes Dr. Deshmukh continued success and is proud to have him as a valued member of the association.



Dr. Kirty Sirothia

AACST Congratulates Dr. Kirty Sirothia on Her International Research Achievement

AACST extends its heartfelt congratulations to **Dr. Kirty Sirothia**, Director of Dhruv Kavach Emotional Wellness Center, Nagpur, on being selected to present her research poster at the **2026 International Mental Health Conference (IMHC'26)**, to be held on **23–24 June 2026** at the Gold Coast, Australia.

Her research paper, "**Microgreen Cultivation as a Therapeutic Intervention for Geriatric Patients with Early Alzheimer's Disease**," highlights the potential of microgreens as a simple, affordable, and nature-based approach to improving cognitive function, emotional well-being, and quality of life among senior citizens. This international recognition reflects her valuable contribution to mental health research and innovative therapeutic practices.

AACST wishes Dr. Sirothia continued success in her research endeavors and is proud to celebrate her outstanding achievement on the global stage.





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CALL FOR PAPERS

AUGUST 2026 ISSUE

IJ-AACST

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- Management, Commerce & Business Studies
- **Agricultural and Veterinary Science**
- Social Sciences & Humanities
- Education, Innovation & Emerging Research
- Languages
- Convergent & Transdisciplinary Studies



TYPES OF SUBMISSIONS

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



IMPORTANT DATES

SUBMISSION DEADLINE:

27 JULY 2026

PUBLICATION:

AUGUST 2026 ISSUE



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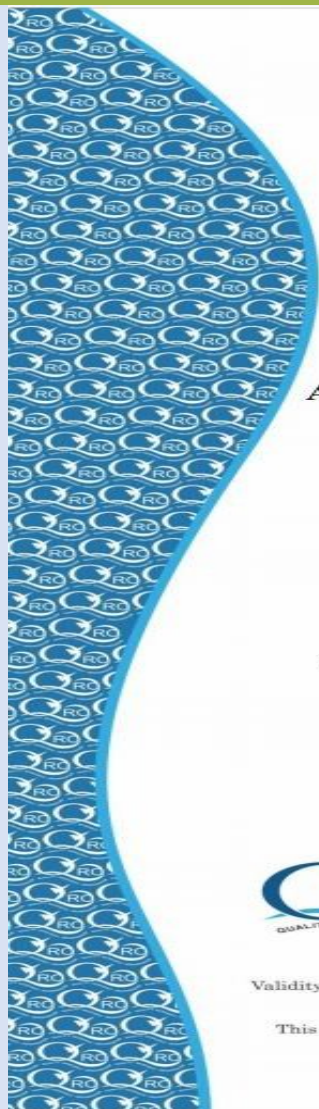
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(Please refer to any previously published article in the bulletin to understand the article layout.)
3. Normal text should be in 9 pt font, using Times New Roman or Arial.
4. Kindly include a relevant image related to the title along with its source.
5. The article should be original and must follow publication ethics.
6. The Editor shall not be held responsible for any copied content in the articles, including cases of improper or missing citations.
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- **Submission deadline:** 10th of every month

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Website: www.aacst.org

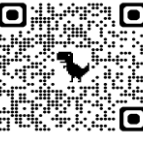
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Dr. S. B. Kishor
President, AACST



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