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NEWS Letter

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FOR THE **October ISSUE**

Dr. S. B. Kishor (Editor)



Soft Skills as a Strategy for Sustainable Classroom Management

From Authority to Empathy: A Lecturer's Journey of 22 Years

- For twenty-two years, I stood in front of classrooms as a lecturer, teaching a wide range of subjects in the traditional way. My lessons were structured, my discipline firm, and my focus clear—deliver knowledge effectively. It worked, but somewhere deep down I felt something was missing. Students learned, yes, but were they truly engaged? Were they leaving my class with skills that would help them beyond exams?
- The turning point came when I stepped into the world of **soft skills training**. Suddenly, I was no longer just a lecturer—I was a facilitator of communication, empathy, and emotional intelligence. That's when I realized how powerful these skills are, not just for life outside the classroom, but for managing the classroom itself.
- I remember one session vividly. I entered a room full of chatter and restless energy. The "old me" might have called for silence and begun the lecture. Instead, I smiled, shared a small personal story, and invited students to share theirs. Slowly, the noise turned into listening, the restlessness into curiosity.

It wasn't authority that brought order—it was **connection**.

When conflicts arose among students, I no longer rushed to discipline them. I encouraged them to step into each other's shoes, to listen before reacting. What amazed me was how quickly anger gave way to understanding. In those moments, I saw classroom management transform into a lesson in **life skills**.

Looking back, I know now that knowledge alone is not enough. Students need respect, empathy, and guidance to grow into responsible individuals. As a lecturer turned soft skills trainer, I have learned that true classroom management is not about control—it is about creating a culture of trust, respect, and collaboration.

"A well-managed classroom is not built on authority, but on empathy, respect, and communication—soft skills every lecturer must carry into their teaching."

Ms. Shital Bora

Educator, Soft Skill Trainer and Image Consultant
Life Member AACST



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Just Laugh 😄

AI Teacher: "Why didn't you submit your project?"

Student: "Sir, my computer followed ethical discipline — it refused to copy!"



Computer Days

🌱 13th October – International E-Waste Day

Observed worldwide to raise awareness about responsible disposal and recycling of electronic devices.

📖 17th October – Global Ethics Day

A day dedicated to reflecting on moral principles, values, and integrity in our professional and personal lives — reminding us that ethics build the true foundation of excellence.

📖 22nd October – International Caps Lock Day

A light-hearted celebration in the digital world that humorously reminds us to express ourselves thoughtfully — not in ALL CAPS!

🎵 23rd October – iPod Day

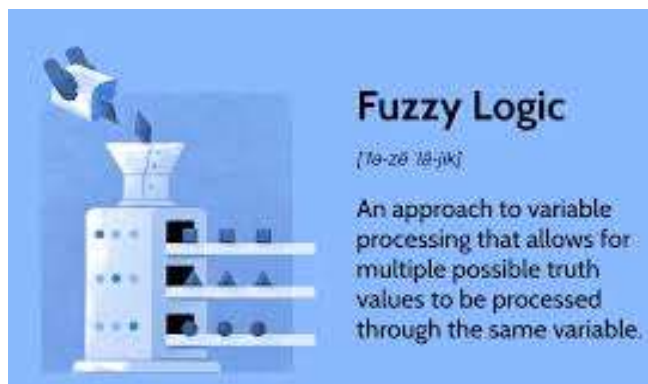
(Apple Launch Anniversary)

The day Apple revolutionized the way we listen to music by unveiling the first iPod in 2001.

🌐 29th October – International Internet Day

Celebrating the historic day in 1969 when the first message was sent over ARPANET — marking the birth of the Internet and a new digital era.

Picture Fuzzy Sets - Dr. Manoranjan Kumar Singh



Source: <https://www.investopedia.com/terms/f/fuzzy-logic.asp>

Introduction

In order to deal with a blurb or an ambiguous or uncertain atmosphere, Lotfi Zadeh proposed the concept of fuzzy sets in 1965. Since its inception, this conception is developing and finding applications in a wide variety of fields. In other words, one can say that there is no branch of human knowledge in which fuzzy set theory has not been incorporated.

In 1965, Lotfi Zadeh introduced the concept of **fuzzy sets** to handle ambiguity and uncertainty, which soon found applications across diverse fields of human knowledge.

Emergence of Non-Membership Leads to Intuitionistic Fuzzy Sets

Later, in 1983, Atanassov extended this idea by proposing **intuitionistic fuzzy sets (IFS)** to address the problem of non-membership. IFS proved highly effective in dealing with imprecision, fuzziness, and uncertainty. The idea was further generalised in 1984 as **intuitionistic L-fuzzy sets**.

The central issue behind IFS development was the concern about both membership and non-membership. While fuzzy sets represent elements using a membership function, and IFS with both membership and non-membership functions, Cuong Bui Cong introduced the notion of Picture Fuzzy Sets (PFS) by adding a third dimension—neutrality.

Structure of Picture Fuzzy Sets

In PFS, elements are defined by three membership degrees: **positive** ($\mu_A(x)$), **negative** ($\eta_A(x)$), and **neutral** ($\nu_A(x)$), with the condition that their sum does not exceed one. This enriched structure makes PFS particularly suitable for modelling real-world problems where neutrality plays a significant role. PFS offers mathematicians and researchers an advanced tool within the realm of **many-valued logic**, extending the capabilities of fuzzy and intuitionistic fuzzy sets.

Applications of Picture Fuzzy Sets

Due to its flexible mathematical framework, PFS has found wide-ranging applications in decision-making, medical diagnosis, investment risk analysis, and politics. It effectively handles uncertainties in data distribution and enhances the accuracy of decision-making processes. In comparison, while IFS provide useful results, picture fuzzy sets deliver a more comprehensive approach by incorporating neutrality. Today, PFS stands as one of the most powerful techniques for addressing ambiguity and vagueness in real-life problems, offering precise, reliable, and practical solutions.

Dr. Manoranjan Kumar Singh
Department of Mathematics,
Magadh University,
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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.

AACST President Note

On 20th September 2023, AACST completed two impactful years of academic excellence, collaboration, and innovation. What began as a small idea when 14 members from different parts of India came together to establish this association, has today grown into a strong and vibrant community of 200+ members within just two years. This inspiring initiative was led by our visionary founder, Dr. Abha Khandelwal Madam, whose leadership continues to guide us forward. I take this opportunity to sincerely thank all 14 founding members for unanimously selecting me as the President of AACST and for their constant trust and encouragement. In this remarkable journey, we have successfully organized 20+ events — including 1 International and 15 National-level programs — bringing together teachers, researchers, and students from across India to share knowledge and explore new frontiers. In the current year, we are planning to launch our International Journal – *IJ-AACST (International Journal of Advances and Applications in Convergent Studies & Transdisciplinary)*. We look forward to your continued encouragement and valuable support as we embark on this exciting new journey. A heartfelt thanks to all members, collaborators, and well-wishers for their unwavering support. Together, let us continue to take AACST to even greater heights in the years ahead!

Dr. S. B. Kishor



Honoring the Visionary: **Dr. Abha Khandelwal, Founder AACST**, Felicitated for Her Outstanding Contribution to Education by the International Lions Club – Kamptee Central at their 1st General Body Meeting (GBM) of the Lionistic Year 2025–26, held on September 13, 2025



Outstanding Principapl Award to Dr. Ashish Sasankar

Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, has felicitated **Principal Dr. Ashish B. Sasankar, an Executivue Member of AACST**, with the prestigious “**Outstanding Principal Award – 2025**” on the occasion of Teacher’s Day (5th September 2025). This honour recognizes his visionary leadership, dedication, and remarkable contribution to higher education and student development. Congratulations, Dr. Sasankar, on this well-deserved recognition!



Books Launched by Hon. Governer

A Proud Moment for All AACSTians
Four books authored by Dr. Manoranjan Kumar Singh (a life member of AACST) have been released. The preface of these books has been personally written by His Excellency Arif Mohammad Khan Sir, the Honorable Governor of Bihar.
The names of these released books are:
1. Concept of Fuzzy Mathematics
2. Applied Fuzzy Mathematics
3. Concept of Research Methodology
4. Ancient Indian Mathematics and Its Applications in Science and Technology



Publish Article

- Instruction** :

 - 1) Heading Size should be 14-16 with 3 subheading
 - 2) Normal Text size 9 Font : Times New Roman / Arial
 - 3) Kindly include releavant picture of title with citation
 - 4) Article should be original and should follow Ethics
 - 5) Editor not liable for copied content in articles.
- 6) Cite whenever copying & Pasting sentences/idea/images
 - 7) Article should have word counts 250-270 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.

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

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Dr. S. B. Kishor

President, AACST



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Technical Specifications

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



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- **AACST News Paper – Advertisement Desk**



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