

IAEPT Newsletter

The Sixth Element: Classroom to Cosmos

[Thoughts worth spreading. Smart, modern, global - From chalkboards to future tech]

VOL. 01, NO. 04

15 JUNE, 2026

Teacher–Student Relationship in an AI Classroom



"Technology can enhance learning, but only empathy can inspire it."

The rapid integration of Artificial Intelligence (AI) into education is transforming the traditional classroom environment. AI-powered tools are now capable of providing personalized learning experiences, instant feedback, and data-driven insights that help improve academic performance. While these technological advancements are changing the way teaching and learning take place,

they are also reshaping the relationship between teachers and students. Rather than replacing teachers, AI is enhancing their role and creating new opportunities for meaningful interactions with students.

Teacher as a facilitator and mentor

In an AI classroom, the teacher's role shifts from being the primary source of information to becoming a facilitator, mentor, and guide.



AI systems can deliver content, assess student performance, and identify learning gaps efficiently. This allows teachers to devote more time to supporting students' individual needs, encouraging critical thinking, and fostering creativity. Teachers help students interpret AI-generated feedback and guide them in applying knowledge to real-world situations.

One of the most significant advantages of AI in education is personalized learning. AI technologies can analyze students' strengths, weaknesses, and learning styles to provide customized learning pathways. As a result, students can learn at their own pace and receive targeted support where needed.

Teachers can use the insights generated by AI to better understand each student's progress and offer more effective assistance.



**Indgiants Association of Educators
& Professional Trainers – IAEPT**

(Registered under Telangana Societies Registration Act, 2001, Reg. No:152 of 2023 - 80G & 12A Reg. No. AACAI5594EF20231)

The Sixth Element Classroom to Cosmos

It captures IAEPT's living journey where educators ignite youth classrooms, evolve into hybrid constellations, ideas become action and every programme, fellowship and forum shapes minds to lead education from grounded purpose to global possibility.

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The AI classroom promotes greater student autonomy. With access to intelligent learning platforms, students can take more responsibility for managing their own learning. They can explore topics independently, monitor their progress, and receive immediate feedback on their work. In this environment, teachers play a crucial role in helping students develop self-discipline, digital literacy, and responsible use of technology.

Another important feature of the teacher-student relationship in an AI classroom is continuous feedback. AI systems can provide instant assessments and recommendations, enabling students to correct mistakes and improve their understanding quickly.

However, the emotional support, motivation, and encouragement provided by teachers remain irreplaceable.

Collaboration between Human and Technology

Human interaction continues to be essential for building confidence, developing communication skills, and nurturing students' overall well-being.

The teacher-student relationship in an AI classroom is strengthened through collaboration between human intelligence and artificial intelligence. AI supports learning by automating routine tasks and providing personalized assistance, while teachers focus on developing higher-order thinking skills, ethical values, and social development. Together, they create a more effective and engaging learning environment.

The integration of AI in education offers several benefits.

It enables personalized learning experiences, helps identify learning gaps quickly, increases student engagement, and improves accessibility to educational resources. Additionally, by reducing administrative tasks, AI allows teachers to spend more time interacting with students and addressing their individual needs.



Despite its benefits, the use of AI in education presents certain challenges. Excessive reliance on technology may reduce direct human interaction and affect the development of social skills. Concerns regarding data privacy, security, and ethical use of AI must also be addressed. Therefore, teachers and students need adequate training to use AI tools effectively and responsibly.

Conclusion

In conclusion, the teacher-student relationship in an AI classroom is characterized by collaboration between human intelligence and artificial intelligence.

AI enhances learning by providing personalized support and efficient feedback, while teachers contribute empathy, guidance, ethical values, and inspiration. The future of education lies in maintaining a balanced partnership where technology supports learning and teachers continue to shape students' intellectual and personal growth.

"Artificial intelligence can provide knowledge, but only a teacher's empathy can transform knowledge into wisdom."



AI Classroom Quick Facts

Did you know?

- AI can generate a lesson plan in seconds, but the teacher's expertise determines whether it becomes a meaningful learning experience.
- The most effective use of AI in education is often augmentation, not automation—supporting teachers rather than replacing them.
- AI-powered translation tools are helping multilingual learners access classroom content more easily.

Teacher Tech Bites

- Prompt Tip: Instead of asking AI to "create a quiz," ask it to "create a quiz with increasing levels of difficulty."
- AI can help teachers generate differentiated worksheets for diverse learning needs in minutes.
- A well-crafted prompt can be more valuable than a sophisticated tool.

Compiled by

Prof. G. Madhavi President, IAEPT.



The Impact of Tangram Practice in Mathematics Education



Tangrams, the renowned seven-piece geometric puzzle of Chinese origin, have emerged as a powerful instructional tool in contemporary mathematics education. By transforming abstract concepts into hands-on learning experiences, Tangrams make geometry more engaging, accessible, and meaningful for learners across age groups.

Regular Tangram practice strengthens spatial visualization, mental rotation, and pattern recognition skills that are fundamental to STEM learning. Students actively manipulate shapes through rotation, reflection, and translation, developing a deeper understanding of geometric transformations. Tangrams also provide a practical pathway to explore concepts such as symmetry, congruence, similarity, area conservation, fractions, ratios, and composition of shapes.

Beyond conceptual understanding, Tangram activities foster logical reasoning, creativity, perseverance, and problem-solving resilience. The trial-and-improvement nature of Tangram puzzles encourages learners to experiment confidently, adapt strategies, and view mistakes as opportunities for discovery.



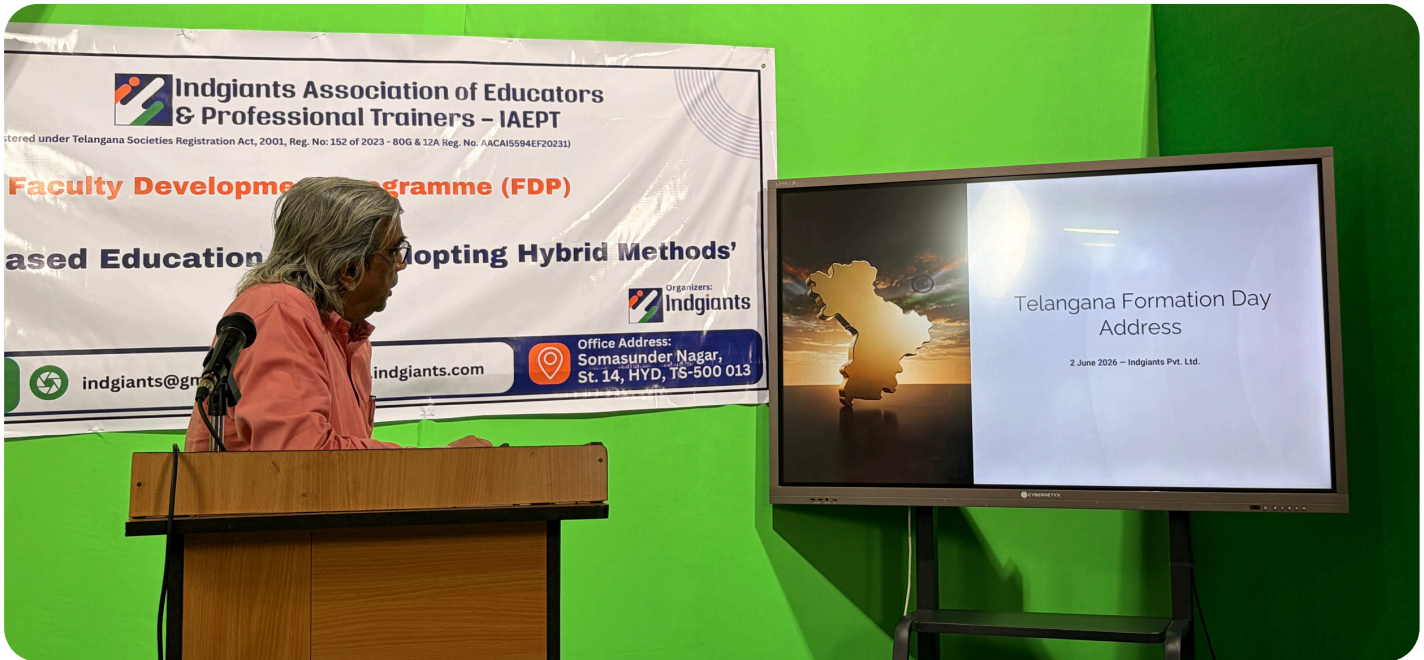
Tangram Activity Benchmarks: Spatial Visualization, Geometric Transformations, Symmetry Recognition, Fraction & Ratio Understanding, Area Conservation, Logical Reasoning, Pattern Recognition, Problem Solving, Creativity, Critical Thinking, and Mathematical Communication.

Integrating Tangrams into mathematics classrooms promotes experiential learning and helps cultivate both conceptual mastery and lifelong analytical skills.

Every learner has the same seven geometrical shapes what makes the difference is imagination.

T. Siva Prasad Reddy, Principal, Vivekananda college of Education, Hyderabad.

Telangana Formation Day Celebrated at Indgiants Pvt. Ltd.



Indgiants Pvt. Ltd. commemorated Telangana Formation Day on 2 June with great enthusiasm and a sense of pride. The programme brought together members of the Indgiants team to celebrate the state's remarkable journey, rich cultural heritage, and continued progress since its formation.

The event commenced with an inaugural address by Chairman Prof. Sivaprasad, who highlighted the significance of Telangana Formation Day and reflected on the state's achievements in education, technology, infrastructure, and social development. He emphasized the importance of collective efforts in building a progressive and inclusive society.

The celebrations continued with an insightful speech by Mr. T. Siva prasad Reddy, Principal, Vivekananda College of Education. He spoke about the aspirations of Telangana, the role of education in shaping the future, and the responsibility of citizens in contributing to the state's growth.

The event concluded on a positive note, inspiring participants to reaffirm their commitment to excellence, service, and the development of Telangana.



Telangana Formation Day celebrates more than a milestone in history—it celebrates the power of collective vision. Let us carry forward this legacy through education, innovation, and excellence.

Global Education Technology Brochure Launched at Indgiants Pvt. Ltd.



The brochure of Global Education Technology (GET), showcasing its programs in CSE and ECE paper publications, internships, projects, and workshops, was formally launched by Prof. Siva prasad Peddi, Chairman; Indgiants Pvt. Ltd. and Secretary; IAEP. Dr. Brahmananda Reddy; Founder and President APSTPIEA (Andhra Pradesh Schools and Technical and Professionals Institutions Employees Association) and CEO; and Ms Pranathi; Director head Global Education Technology. GET is affiliated with the Andhra Pradesh State Council of Higher Education (APSCHE) and the Telangana State Council of Higher Education (TSCHE), is committed to promoting industry-oriented learning, research, innovation, and skill development among students.

The launch ceremony was graced by Dr. Brahmananda Reddy; Mr. T. Siva Prasad Reddy, Principal; Vivekananda College of Education, Hyderabad, and the Indgiants Pvt. Ltd. Team. The event was held at the Indgiants office in Hyderabad on May 29th, 2026. Speaking on the occasion,

The dignitaries emphasized the importance of research publications, internships, hands-on projects, and technical workshops in enhancing students' academic excellence and employability.



Published by IAEP for Indgiants Pvt. Ltd, from IAEP, St. 14, Somasunder Nagar, Hyderabad -13, TG, IN.
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