



# TATTVĀ SCHOOL



 **SCHOOL**  
Connect **May & June 2025**  
Grades VI to XII

## From the Principal's Desk

I am elated to share that our Grade X children have made us proud again! 53 students appeared for the exam in 2024-25 and we have 32 distinctions and 4 students scoring centums in Information technology! These children have done extremely well in other subjects too. Kudos to the team which worked very hard in order to get good results for the school.

This feat urges the senior school team at Tattva to raise the bar and aim for positions at the state and National levels. Needless to say, the team has been working really hard towards portion completion alongside conducting Unit tests and monitoring students' progress.

The school reopened this year too with a new hope to build more numbers, with an intent to deliver the best to our students and collaborate effectively with the parents so that we provide complete justice to the commitment we have made to ourselves, focussing on holistic development of our children and grooming them to become Global Citizens. At this juncture, I would like to acknowledge and appreciate the support extended by you in all our endeavors.

This year too the team will work with a lot of new rigor and enthusiasm. The books have changed but the Activities, important days and events have been celebrated as usual. ASE awards and investiture ceremony were held in school and the cabinet members have assumed their responsibility.

The Monthly planners have been shared with you to track your wards' progress. Reach out to us for support if any. I will share more updates in the subsequent newsletters!

**- Ms. Mamatha Rao,  
Principal, Tattva School**





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## **Quote of the month**

***“Education is the most powerful  
weapon you can use to change  
the world for the better.”***

***- Nelson Mandela***



## Events & Activities

### Parent Orientation Program

Tattva School conducted a Parent Orientation Program on 31st May 2025 to warmly welcome parents and mark the beginning of the new academic year. The event was attended by parents of both new and existing students.

The program began with a welcome address by the Principal, who highlighted the school's values, vision, and goals. Parents were introduced to the teaching and support staff, followed by an overview of the curriculum, school policies, daily routines, and co-curricular activities.

Key topics included student safety, wellbeing, and how parents can support learning at home. A Q&A session allowed parents to share their thoughts and clarify doubts.

The event concluded with informal interactions between parents and teachers. We sincerely thank all the parents for their presence and support, and we look forward to a successful and joyful year ahead!

### Back to School

The new academic year kicked off with great energy and enthusiasm at our annual Back to School Assembly held on 29th May 2025. Students, teachers, and staff gathered in the Assembly area to mark the beginning of what promises to be another exciting and successful school year.

The assembly opened with a warm welcome from Principal, Ms. Mamatha Rao, who shared an inspiring message about setting goals, embracing new challenges, and making the most of every opportunity. Emphasizing the importance of community and collaboration, she encouraged students to support one another and strive for excellence in both academics and personal growth.





# Events & Activities

## Highlights of the assembly included:

### Introduction of New Staff Members:

Students were introduced to new teachers and staff, who each shared a few words about themselves and their excitement to be part of the school community.

**Student Performances:** The assembly featured performances from the choir, adding a vibrant and creative touch to the event.

**Reminders and Expectations:** Key school policies, behavior expectations, and upcoming events were reviewed to ensure a smooth and productive start to the term.

The event concluded with a round of applause that echoed the optimism and readiness of students and staff to embrace the journey ahead.

As we move into the new school year, the Back to School Assembly served as a powerful reminder of our shared purpose and the exciting opportunities that await. Here's to a year full of learning, growth, and unforgettable memories!

## Environment Day

"We planted hope - so tomorrow breathes as we cared today."

### World Environment Day - Grade V & VI | BDA Park Visit

To mark World Environment Day, students of Grade V and VI, along with their class teachers, the Administrator, and other teachers, visited BDA Park for a special plantation activity.

Children planted saplings, watered them, and learned how small actions can protect our planet. This hands-on activity supported the goals of:



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- Swachh Bharat Abhiyan – for a cleaner India
- Greener Tomorrow Mission – for planting and preserving nature
- Lifestyle for Environment (Life) – for making mindful, eco-friendly choices

The activity helped students grow as responsible citizens through real-world learning.

It was a beautiful day where children didn't just plant trees – they planted hope.

### Environmental Day Activity - Grade VII 'A' & 'B'

Green Hands, Bright Future!

Sapling Plantation Drive by TATTVA school students.

TATTVA school organized a sapling plantation drive on 5th June, Thursday on the occasion of Environmental day celebration to promote environmental awareness. Students of Grade VII 'A' & 'B' actively participated by planting various saplings in Kumbalgodu Government school campus. Guided by teachers, they learned the importance of trees and pledged to care for the plants regularly. The event encouraged responsibility and love for nature among students. A small step today for a greener tomorrow. Every little plant they nurtured is a promise for a better tomorrow.

### Environmental Day Activity - Grade VIII 'A' & 'B'

On the occasion of World Environment Day, students of Grade VIII 'A' & 'B', along with their class teachers and sports teachers, took part in a cleanliness drive to clean the surroundings.





## Events & Activities

Armed with gloves, garbage bags, and plenty of team spirit, the students cleaned up the areas around the school and nearby surroundings. Their active involvement helped raise awareness about the importance of keeping our environment clean and pollution-free.

They also planted saplings around the school to promote greenery and environmental awareness. The activity helped students understand the importance of keeping the environment clean and protecting nature.

### Plants - Our Green Friends - Grade IV 'A' & 'B'

To create leaf animals by collecting variety of fallen leaves of different shapes, sizes and colours.

In this fun and creative activity, children will collect different shapes and sizes of leaves and use them to make animals. By arranging leaves on paper and gluing them down, students will design their own animal creation like a leaf fish, butterfly or snake. This activity helps children learn about nature, and express their imagination while developing fine motor skills.

### Early Humans - Tools made by Children Grade III 'A' & 'B'

Tools making activity was conducted for students, from enhancing fine motor skills and hand - eye coordination to fostering creativity for children. Students were able to understand Early Humans tools with modern tools used today for similar tasks.

This activity helps children develop their creativity by improving their hand-eye coordination and fine motor abilities. By



## Events & Activities

using contemporary instruments for comparable activities, they were able to comprehend the tools employed by early humans.

### Patterns in Mathematics Grade VI 'A' & 'B'

#### Discovering Patterns in Hexagonal and Cube Numbers

To help students **discover and analyze patterns** in sequences of numbers using hexagonal numbers and to explore the formation of **cube numbers**.

Students were first instructed to write the sequence of **hexagonal numbers** and represent them as dot structures on paper. They were then guided to **add consecutive hexagonal numbers** and observe the results. To their surprise, the **sums formed cube numbers** such as:

- $2^3 = 8$
- $3^3 = 27$
- $4^3 = 64$

To visualize this further, students plotted these **cube numbers on graph paper**, representing them in a 3D form, reinforcing the concept of volume and spatial understanding.

#### This activity enabled students to:

- Identify **patterns** and relationships between number sequences
- Connect **hexagonal number patterns** with **cube numbers**
- Strengthen their understanding of **3D visualization** and numerical reasoning.

It was a fun, hands-on way to deepen mathematical thinking and pattern recognition.





## Events & Activities

### Inauguration - Grade XI

The inauguration ceremony of Grade XI was held with great enthusiasm and reverence as students embarked on a new academic journey. The event commenced with the official inauguration of the Grade XI wing by our respected Principal, who graciously cut the ribbon, marking the beginning of an exciting chapter for the students. This was followed by the auspicious lighting of the ceremonial lamp by Principal, accompanied by the coordinators and teachers, symbolizing the dispelling of ignorance and the ushering in of knowledge and wisdom. The teachers then introduced themselves to the students, extending warm wishes and encouraging them to make the most of the opportunities that lie ahead in the academic session. To inspire the newcomers, senior students from Grade XII — Rakshaan, Prakruthi, and Rekha—shared their experiences from their own Grade XI journey. They emphasized the importance of focus, discipline, and sincerity in academics and personal growth. The event concluded with the rendition of the National Anthem, instilling a sense of unity and pride among all present. The students then proceeded to begin their first day of classes with renewed energy and a sense of purpose.



### Rational Numbers Grade VIII 'B'

**To understand the properties of Rational numbers.**

Students were given instructions to prepare the chart on properties of Rational numbers and number cards. They were divided in to teams of 2. One team will display a property of rational numbers and the other needs to arrange the number cards. The same process is repeated for different properties of addition and multiplication. By this activity Students would be able to understand the properties of rational numbers.



## Events & Activities

### Metals & Non-Metals Practicals - Grade X 'B'

Reactivity of metals

Aqueous solutions of Ferrous sulphate, aluminium sulphate, copper sulphate and Zinc sulphate were taken and each group will test the reactivity of the metals Al, Zn, Cu and Fe.

From their observation they're able to order the metals based on their reactivity.

Students were learnt the order of reactivity of metals in a easy way.

### Rational Numbers Grade VIII 'A'

To understand the properties of Rational numbers

Students were given instructions to prepare the chart on properties of Rational numbers and number cards. They were divided in to teams of 2. One team will display a property of rational numbers and the other needs to arrange the number cards. The same process is repeated for different properties of addition and multiplication. By this activity Students were able to understand the properties of rational numbers.

### Integers - Grade VII 'A'

Students were given instructions to prepare the Integers grid on chart paper from -81 to +81 and the number cards from -9 to +9. They were divided into teams of 2. Each student will take 2 number cards randomly and multiply and they keep their game coins on the number. The same process is repeated until they reach +81 to win. By this activity Students would be able to do multiplication, addition and subtraction of integers.





## Events & Activities

### Greet & Wave

In this activity, children walk around the classroom and greet their friends by saying “Hello” and waving. They can use friendly phrases like “Hi!” or “Good morning!” This helps them practice polite greetings and build confidence.



### 4 - Digit Numbers Grade IV 'A' & 'B'

To understand rounding off numbers by an activity

Students were given instructions to prepare the number cards. They were divided into teams of 3. Options were given to choose the correct answer. By this activity students would be able to understand the rounding off numbers to its nearest 10, 100 and 1000



### Bomb Mock Drill

Tattva school successfully conducted a bomb mock drill to raise awareness about emergency preparedness and student safety. The drill was carried out with discipline and seriousness, with students and staff promptly following all safety protocols.

To further enhance understanding, a skit was presented by the students of Grade VIII 'A' & 'B', creatively showcasing the correct response during such emergencies. Their performance highlighted the importance of staying calm, following instructions, and helping one another during critical situations.

The event was an important step toward building a more safety-conscious school environment, and students participated with great enthusiasm and responsibility.



## Events & Activities

### Differentiating Mixture & Compound Grade VII 'B'

Mixture and compound.

Mixture - Fe fillings and Sulphur powder

Compound - By heating Fe fillings and Sulphur powder, a black compound Iron Sulphide is formed

1. Magnetic test
2. Reaction with Carbon di sulphide solution
3. Reaction with HCl

From their observation they're able to differentiate mixture and compound.

In the mixture Fe and S retain their properties whereas in the compound they lost their properties.

### Investiture Ceremony

On Saturday, 21st June, Tattva School proudly hosted a grand triple event — the Investiture Ceremony, the launch of the 15 Book Campaign, and the ASE Awards — in the presence of students, staff, and parents. The ceremony began with the Investiture Ceremony, a solemn occasion where the newly elected student leaders were formally entrusted with their duties. Badges were awarded with pride, as the young leaders pledged to uphold the values of the school with sincerity and dedication. It was a moment of honor and responsibility. The event was graced by Principal Ms. Mamata Rao and our esteemed Chief Guest, Mr. Gopu Sundararajan, Chief Petty Officer, Indian Navy, who inspired the students with his powerful words on discipline, leadership, and perseverance. The day concluded with the celebration of academic excellence through the ASE (Academic and Scholastic Excellence) Awards, where deserving students were recognised for their





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achievements in various subjects and activities. It was a day filled with pride, purpose, and promise — as leadership was honored, minds were opened to reading, and hard work was celebrated.

### International Yoga Day Celebration

On 23rd June, Monday joyfully celebrated International Yoga Day with great enthusiasm and unity. The event was a grand success, bringing together students, parents, teachers, and non-teaching staff to embrace the spirit of health, harmony, and mindfulness through yoga. The day began with a brief introduction highlighting the importance of yoga in our daily lives and its role in promoting physical and mental well-being. School senior coordinator and teachers addressed the gathering, emphasizing yoga as a timeless gift from ancient India to the world and encouraged everyone to make it a part of their daily routine. A common yoga protocol session was conducted under the guidance of a trained yoga instructor. Principal, teachers and students performed various asanas, pranayama (breathing exercises), and meditation techniques with great dedication and discipline. The lush green school ground echoed with positive energy and harmony as all participants practiced in unison. Parents joined their children in the session, making it a beautiful moment of community bonding and shared well-being. Overall, the celebration not only promoted awareness about yoga but also instilled a sense of unity, peace, and wellness among all attendees. It was a memorable event that reinforced the value of a healthy lifestyle and the power of collective participation.



## Events & Activities

### Large Numbers Grade V 'B'

#### Understanding Indian and International Systems of Numeration

Students were given instructions to prepare Indian and International Place Value Charts along with number cards from 0 to 9. They were grouped into teams of two.

Each team was tasked with forming 7-digit and 8-digit numbers using the number cards and placing the digits correctly in the respective place value charts.

Through this engaging activity, students were able to:

- Differentiate between the Indian and International numeration systems
- Understand the concept of place value
- Build and read large numbers with ease

This hands-on learning experience enhanced their numerical skills and deepened their understanding of number representation in different systems.

### Large Numbers Grade - V 'A'

#### To understand and differentiate Indian and International system of numeration by an activity.

Students were given instructions to prepare Indian and international place value charts and number cards from 0 - 9. Students were made into teams of two. Each team has given the task of forming 7 and 8 digit numbers using the number cards and filling the chart accordingly. By this activity student were able to understand and differentiate two numeration systems and also be able to build the large numbers.





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### Number Grid Play Grade - VI 'B'

To understand and appreciate the use of numbers while making winning strategies in a game.

Students were given instructions to prepare a  $3 \times 3$  grid on chart paper. They were divided into teams of six. Each player took turns to roll a dice and mark points in the grid — odd numbers earned points, while even numbers scored zero.

The game continued with repeated turns, and the team that accumulated the maximum score was declared the winner.

This fun-filled activity helped students understand and appreciate the use of numbers in a strategic and engaging way. It also encouraged teamwork, logical thinking, and the development of winning strategies through the application of basic number concepts.



### Linear Equation in one Variable - Grade VIII 'A'

#### Solving Linear Equations Using Strips

Students were given instructions to prepare strips on chart paper to represent the given linear equations. They also created additional strips marked with +1 and -1 to aid in the process of transposing terms across the equation.

By physically moving the strips and balancing both sides of the equation, students were able to visualize the concept of transposition and successfully arrive at the solution.

This hands-on activity helped students understand the process of solving linear equations in a fun and interactive manner, strengthening their conceptual clarity through experiential learning.



## Events & Activities

### International Music Day

On 26th June 2025, Thursday, on account of world music day. Solo singing competition and music instrument drawing competition held during CCA periods in school.

Solo singing was for Grades I to VIII.

The instrument drawing competition was for Grades I to IV.

All kids were excited to sing. They were prepared. Kids sang all types of songs Indian, western, folk, etc. Kids were super enthusiastic about this competition. Kids got an opportunity to show their talent through this event. After the competition results were announced in assembly and kids got certificates from principal ma'am. The music competition not only uncovered hidden talents but also strengthened the bond within the school.



## Innovation Lab

### Engine Model and Use of Pistons

Students successfully designed and constructed an Engine Model demonstrating the use of pistons and their role in the functioning of an internal combustion engine. The project helped them understand the movement and interaction of mechanical parts within an engine system.

**Learning Outcome:** Students were able to apply their design and construction skills using materials like foam and corrugated sheets to build a functional representation of a complex mechanical system. This activity enhanced their understanding of mechanical engineering concepts through hands-on learning.





## Innovation Lab

### Introduction to Relay & Relay-Based Circuit – DC Motor Pump Integration

Students successfully designed and built an Automatic Water Dispenser using a relay module and DC motor pump. This hands-on project introduced them to the basics of relay operation and its application in automated systems.

**Learning Outcome:** Students were able to design, construct, and troubleshoot a functional automatic water dispensing system. They demonstrated an understanding of how to integrate a DC motor pump with a relay module for controlled fluid delivery based on an external trigger, laying a foundation in electronics and automation



### Gearless Power Transmission Mechanism

As part of their hands-on learning experience, students designed and built a Gearless Power Transmission Mechanism. This activity encouraged creativity, critical thinking, and teamwork as students worked together to construct a functional model.

**Learning Outcome:** Students were able to design, construct, and test a working gearless power transmission mechanism. Through this activity, they gained a clear understanding of its principles of operation and practical applications in real-world mechanical systems.



### Material Exploration & Tool Handling

As part of their foundational learning in making and mechanics, students explored various basic materials and tools, including **nuts & bolts, different types of tapes, tying methods, press & fit techniques**, and the



## Innovation Lab

use of **basic hand tools**. They applied these skills to successfully create an articulated grabber.

**Learning Outcome:** Students were able to identify and apply the principles of simple machines—especially **levers and linkages**—within the grabber's design. This activity helped them understand mechanical movement and enhanced their confidence in handling tools and materials.

## Creating an Amusement Park – Rotational Motion and Engineering Project Grade IV 'A' & 'B'

As part of an exciting hands-on project, students successfully created models of various amusement park rides, including a Merry-Go-Round (Rotational Motion Project), Motorized Ferris Wheel, Trampoline, and Zipline. The activity encouraged creativity, teamwork, and the practical application of engineering concepts.

**Learning Outcome:** Students were able to apply engineering design principles to conceptualize, design, construct, and test functional prototypes of different amusement park rides. Through this project, they gained a deeper understanding of mechanical systems, structural integrity, and safety considerations in real-world engineering.

## Smart Dustbin for Classroom – Wet & Dry Waste Segregation System

Students successfully designed and created a Smart Dustbin to promote proper waste segregation in the classroom. The system uses sensors to automatically





**Innovation Lab**

detect and separate wet and dry waste, making the process efficient and hygienic.

**Learning Outcome:** Robotics & Automation Fundamentals - Students were able to understand and explain the basic principles of robotics, including sensing, actuation, and control loops, as applied in an automated waste segregation system. This activity helped them connect theoretical knowledge with real-life applications in sustainability and automation.



## Special Assembly

# Reading Day

As part of the Reading Day celebrations, a special assembly was conducted in the morning to emphasize the importance of reading in our daily lives. The assembly began with a thought for the day highlighting the power of books, followed by a speech on the importance of reading books and students of Grade VIII & IX performed a theme-based skit.

After the morning assembly, a dedicated reading session was held. Both teachers and students participated by sitting together and reading silently for 20 minutes. This quiet time encouraged the development of reading habits and helped foster a calm and focused atmosphere throughout the school.

The activity served as a meaningful reminder that reading is not just an academic skill but a lifelong habit that nurtures knowledge, creativity, and empathy.





As a teacher, participating in the Yoga Day celebration was a truly enriching experience. The session allowed me to reconnect with my inner self and reminded me of the importance of mental and physical well-being. Practicing yoga alongside students and parents created a strong sense of unity and positive energy. It was inspiring to see the enthusiasm and discipline with which everyone performed the asanas and breathing exercises. Yoga is not just a physical practice, but a way to bring balance and peace into our daily lives. I am grateful to be part of such a meaningful event that promotes health, mindfulness, and community bonding.

**- Ms. Lakshmi Bai S,  
Class Teacher - Nursery**

"It was truly an honor to witness the Investiture Ceremony, a moment that marks the beginning of a new journey for our young leaders. Seeing our students don the mantle of leadership with such confidence and pride filled me with immense joy. The ceremony was a perfect blend of discipline, enthusiasm, and purpose.

As a teacher, I believe leadership is not about power or position, but about responsibility, service, and setting the right example. Today's ceremony was a reminder that we are not just shaping students but nurturing future change makers.

Congratulations to all the newly elected leaders. May you lead with integrity, empathy, and courage

**- Ms. Lakshmi Kashika,  
Class Teacher - Grade III 'B'**





I sincerely believe that these young leaders will uphold the trust placed in them and lead by example. Congratulations to all the newly appointed council members—your journey as role models begins now.

[illegible]



## PARENT'S CORNER

### Leadership and Growth

"The Investiture Ceremony was beautifully conducted. It was heartening to see young leaders taking on responsibilities with such dedication. I'm grateful to the school for nurturing leadership qualities and giving children the opportunity to understand discipline, commitment, and teamwork."

**- Ms. Lakshmi Kashikar,  
Parent of Sumanyushastri Kashikar, Grade VIII 'B'**

### Emotional and Memorable

"The Investiture Ceremony was a very emotional moment for us as parents. It was not just about the badge - it was about watching our child step into a new role with confidence and grace. We truly appreciate the school's efforts in shaping future leaders."

**- Mr. Ranganath Honnalli & Ms. Veena Karalakatti,  
Parent of Amarthya R H, Grade I 'A'**

The investiture ceremony for the academic year 2025-26 was truly inspiring and well-organized. It was heartening to see the young leaders being entrusted with responsibilities and taking oaths with such pride and confidence. The event beautifully showcased the school's commitment to nurturing leadership qualities and discipline among students. The speeches, cultural performances, and the overall coordination reflected the dedication of both students and staff. It was a proud moment for us to witness their children stepping into roles of responsibility. Such initiatives go a long way in shaping future citizens. Kudos to the school for a memorable and meaningful event!

**- Mr. Ashok Hullur & Ms. Lavanya N,  
Parents of Samanyu Hullur, Grade X 'B'**



# Students Speak



## Investiture Ceremony

"I feel truly honoured and proud to be part of this Academic year's 2025-26, Investiture Ceremony. It was a moment of great joy and responsibility as we were officially entrusted with our roles as student leaders. Wearing the badge and receiving the sash filled me with a sense of purpose and commitment. The event reminded me about that leadership is not about power, but about service, dedication, and being a role model for our fellow students. I am thankful to Tattva school and teachers for believing in me and giving me this opportunity. I promise to uphold the values of our institution and give my best in every task entrusted to me."

**- Panchami Aditir,  
Red House Captain - Grade VI 'B'**

It was a proud and unforgettable moment to be part of the Investiture Ceremony for 2025-26. Standing on stage, receiving the sash, and wearing the badge made me feel both excited and responsible.

Being chosen as a student leader means a lot to me. It reminds me that leadership is not just about having a title — it's about setting an example, helping others, and working together as a team.

"I'm truly grateful to Tattva School and all my teachers for trusting me with this role. I look forward to giving my best, supporting my peers, and living up to the values our school stands for."

**- Samarth B,  
Junior Head Boy - Grade V 'B'**

# Star of the Week



Star of the Week is one of the best ways to get to know our students on a more personal level. Students feel distinct for a full week, which encourages classroom community.

1. C Divith Arjun Reddy - Grade V 'A'
2. Akshay Skanda P - Grade IV 'A'
3. Atharv Anaji - Grade V 'A'
4. Aishani Mukhopadhyay - Grade III 'B'
5. Adisha - Grade III 'A'
6. Akshay T - Grade IV 'B'
7. Aadwi Jain - Grade IV 'A'
8. Aaroh Sriharsha Bhat - Grade V 'A'
9. Aadhya P - Grade III 'A'
10. Akshara V Malshetty - Grade IV 'B'







## Achievements

Congratulations!

We are proud to share that Sai Rithvik has secured a Bronze Medal in the Road - 10,000m Points Race at the National Ranking Championship held in Kolkata from 19th to 23rd June. He competed in the 15-18 years boys category and brought laurels to our institution with his commendable performance.

Well done, Sai Rithvik!



## Upcoming Events

- National Doctor's Day
- World Population Day
- World Nature Conservation Day
- International Tiger Day

