



ST. JOSEPH INTERNATIONAL SCHOOL RALAPALAYAM

F E B R U A R Y N E W S 2 0 2 5

MISSION

1

Academic Excellence

Ensure that every student achieves their full potential through quality education, strong conceptual understanding, and a passion for lifelong learning.

2

Health & Well-being

Promote a healthy lifestyle by emphasizing physical fitness, mental well-being, and a balanced approach to studies, sports, and extracurricular activities.

3

Holistic Development

Focus on the all-round growth of students by encouraging creativity, leadership, teamwork, and moral values alongside academics.

4

Future Readiness

Equip students with the necessary skills, knowledge, and confidence to excel in their future endeavors, be it higher education or real-world challenges.



CAMPUS SUPERIOR MESSAGE



Dear Students,

As we step into February, let us continue our journey of learning, growing, and excelling in all aspects of school life.

Focus on Studies :

With exams approaching, it is important to stay focused and manage your time wisely. Create a study timetable, revise regularly, and do not hesitate to seek help from your teachers. Remember, learning is not just about scoring marks but understanding concepts that will shape your future. Stay curious and keep exploring new knowledge every day.

Stay Healthy in Summer :

As the weather gets warmer, take extra care of your health. Drink plenty of water, eat fresh fruits, and avoid junk food. Wear light, breathable clothes and protect yourself from the sun. A healthy body leads to a sharp mind, so take care of yourself.

The Spirit of Sports ☐

Sports and physical activities are just as important as studies. Engage in outdoor games, practice teamwork, and stay active. Sports teach us discipline, resilience, and the power of determination. Whether you win or lose, always play with a positive spirit!

Let this month be filled with dedication, good health, and enthusiasm. Keep striving for excellence and be the best version of yourself.

Best wishes,

**Campus Superior
St. Joseph International School - CBSE**

PRINCIPAL'S MESSAGE

Dear Students,

As we step into **February**, let's embrace new opportunities to learn, grow, and shine. This is a crucial time to stay focused, disciplined, and positive in all aspects of school life.

Academic Focus:

Your education is your greatest asset. With exams approaching, make a study plan, revise regularly, and seek help when needed. Hard work and smart preparation will lead to success. Stay curious and keep learning with enthusiasm.

Effective Communication on Campus:

The way we speak reflects who we are. Always use polite and respectful language with teachers, friends, and staff. Good communication builds strong relationships and a positive school environment. Let's make kindness a habit.

Importance of Sports & Fitness:

Sports teach us teamwork, perseverance, and discipline. Whether in competitions or casual games, give your best effort, play fair, and enjoy the process. Staying active keeps your body strong and your mind sharp.



Health & Wellness in Warm Weather:

With rising temperatures, take care of your health. Drink plenty of water, eat fresh and healthy food, and get enough rest. A healthy lifestyle supports better concentration and energy for your studies and activities.

Positive Attitude & Good Behavior:

Discipline and good behavior define a great student. Be responsible, follow school rules, and treat everyone with respect. A positive attitude will help you build confidence and strong character, shaping you into a future leader.

Let's make February a month of **hard work, good health, and strong values**. Keep striving for excellence and be the best version of yourself!

Best wishes,



**Principal,
St. Joseph International School - CBSE**

TEACHER'S CORNER

TIME TRAVEL AND RELATIVITY: THE SCIENCE BEHIND IT

Time travel has always fascinated scientists and storytellers alike. While it may seem like science fiction, the **Theory of Relativity**, proposed by Albert Einstein, suggests that time travel is theoretically possible under certain conditions.

The Twin Paradox

A famous thought experiment, the **Twin Paradox**, explains this concept. If one twin travels into space at near-light speed and returns to Earth, they would be much younger than their twin who stayed on Earth. This has been proven in real-life experiments with atomic clocks, which tick slower when moving at high speeds.

General Relativity and Time Travel

Einstein's **General Theory of Relativity** states that massive objects, like black holes, can bend space and time. This creates **gravitational time dilation**, where time moves slower near strong gravitational fields. If a person were to orbit a black hole, time for them would pass slower compared to someone on Earth.

Wormholes: A Bridge Through Time?

Scientists speculate that **wormholes**, or shortcuts in space-time, could allow travel between different points in time. However, no physical evidence of wormholes has been found yet, and maintaining them would require exotic matter with negative energy, which remains hypothetical.

Is Time Travel Possible?

While time travel into the future is theoretically possible (through high-speed travel or strong gravity), traveling **backward in time** is much more complicated and may violate known laws of physics. Some theories suggest that time loops or paradoxes, like the **Grandfather Paradox**, could prevent backward time travel.

Conclusion

Although time travel remains a mystery, physics has shown that time is flexible and not absolute. Scientists continue to explore the possibilities through advanced space research and **quantum mechanics**. Perhaps in the future, new discoveries will bring us closer to understanding the **true nature of time and space**.



-BY
MRS. MICHAEL SOPHIA
(TGT)

THE PROBABILITY AND STATISTICS BEHIND DECISION MAKING

Probability and statistics play a crucial role in making informed decisions in various fields, from business to science and daily life. They help us analyze data, predict outcomes, and reduce uncertainty.

What is Probability?

Probability measures the likelihood of an event occurring, expressed as a value between 0 and 1. If an event is impossible, its probability is 0, and if it is certain, its probability is 1.

Real-Life Applications of Probability

Weather Forecasting: Meteorologists predict rainfall, storms, and temperatures based on past data.

Medical Diagnosis: Doctors use probability to assess disease risks based on symptoms and test results.

Gaming and Sports: Casinos and betting industries rely on probability to determine odds and winnings.

Understanding Statistics

Statistics is the study of data collection, analysis, and interpretation. It helps in identifying patterns, trends, and making predictions based on numerical information.

Applications of Statistics in Decision-Making

Business & Marketing: Companies analyze consumer behavior to develop effective sales strategies.

Education: Schools use statistics to measure student performance and improve teaching methods.

Elections & Surveys: Governments and organizations conduct surveys to understand public opinions and predict election results.

Conclusion

Probability and statistics help us make logical, data-driven decisions in an uncertain world. By understanding these concepts, we can improve accuracy in planning, forecasting, and solving real-life problems.

**Mrs. SELVAMINI
(TGT)**

TAMIL NADU'S IRON AGE – NEW ARCHAEOLOGICAL DISCOVERIES FROM SIVAGALAI

A groundbreaking discovery at Sivagalai, an archaeological site in Tamil Nadu's Thoothukudi district, is rewriting history. Excavations over the past five years have unearthed evidence of a civilization that existed 3,200 years ago, challenging the conventional belief that India's ancient history began in the north.

The Dawn of the Iron Age – Tamil Nadu's Legacy

A recent report from the Tamil Nadu State Archaeology Department has revealed astonishing facts:

Tamil Nadu had entered the Iron Age while North India was still in the Copper Age.

Iron usage may have started as early as 5,300 years ago, much earlier than previously believed.

Burial urns containing iron tools and rice grains suggest that agriculture and iron technology coexisted in Tamil Nadu around 1155 BCE.

The excavation findings from Sivagalai, including iron objects and ancient inscriptions, push back the known Iron Age timeline in India. Until now, the earliest known iron usage was thought to be 1800 BCE, based on discoveries from Uttar Pradesh. However, these new findings suggest that Tamil civilization was already advanced in metallurgy and agriculture thousands of years ago.

Tamil - Brahmi Script – A New Timeline

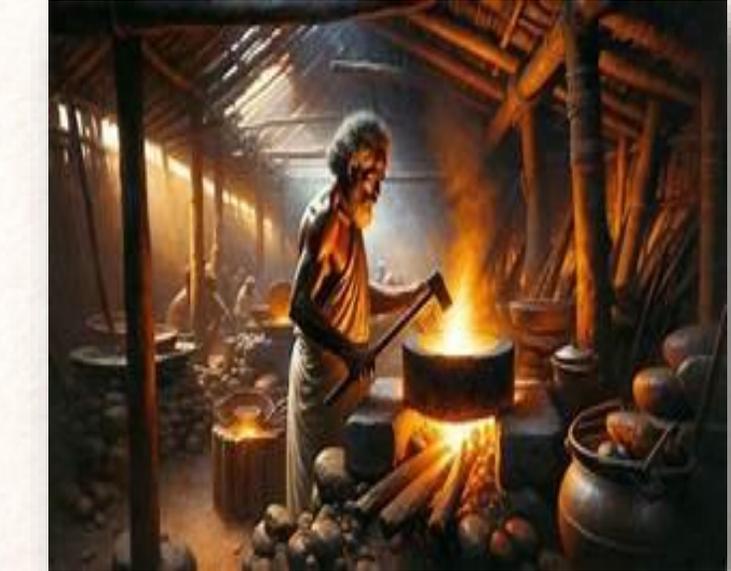
Pottery fragments with **Tamil-Brahmi inscriptions**, excavated from Sivagalai, have been carbon-dated to **685 BCE—100 years earlier** than the previously known Tamil-Brahmi inscriptions from **Keezhadi (580 BCE)**. This discovery adds a new dimension to the history of Tamil script and its early development.

Tamil Nadu – The New Center of Ancient Indian History?

These discoveries could shift the **center of India's ancient history from North India to South India**, emphasizing the technological and cultural advancements of the Tamil civilization.

With further excavations planned, archaeologists and historians hope to **uncover more evidence of early iron usage, urban settlements, and cultural evolution** in Tamil Nadu. The Tamil Nadu government is investing significantly in **scientific research and excavation projects** to bring these historical findings to global attention.

"THE PRIDE OF THE TAMILS MAY BE WRITTEN IN HISTORY, BUT ITS EVIDENCE LIES BURIED BENEATH THE EARTH. LET US EXCAVATE AND DISCOVER."



**-BY
MS. V. ABARNA SRI PRT**

SENSORY PARK



Our students recently had an exciting and enriching visit to the **Sensory Park**, where they explored a variety of interactive experiences designed to stimulate their senses. Engaging with different textures, sounds, and visual elements, they developed a deeper understanding of their surroundings through hands-on activities. The visit not only enhanced their sensory awareness but also encouraged creativity, curiosity, and social interaction. It was a wonderful opportunity for experiential learning, making education fun and memorable beyond the classroom.

YOUNG GREEN ACTIVISTS PROGRAM



Our computer staff, along with our students, had the privilege of attending **Raju's College** as guest lecturers for the **Young Green Activists Program**. This inspiring session focused on the role of technology in promoting environmental awareness and sustainable practices. Our team shared valuable insights on digital innovations, eco-friendly solutions, and the importance of responsible technology usage in preserving nature. The event was a great opportunity for our students to interact with like-minded individuals, fostering a sense of responsibility and commitment towards a greener future.



SILVER ZONE MATH OLYMPIADS



Our students enthusiastically participated in the **Math Olympiad**, showcasing their problem-solving skills and mathematical reasoning. The exam challenged them with thought-provoking questions that tested their logical thinking, analytical abilities, and application of mathematical concepts. This experience not only enhanced their confidence in tackling competitive exams but also motivated them to strive for excellence in mathematics. We are proud of our students for their dedication and hard work in this prestigious competition!

OPEN DAY



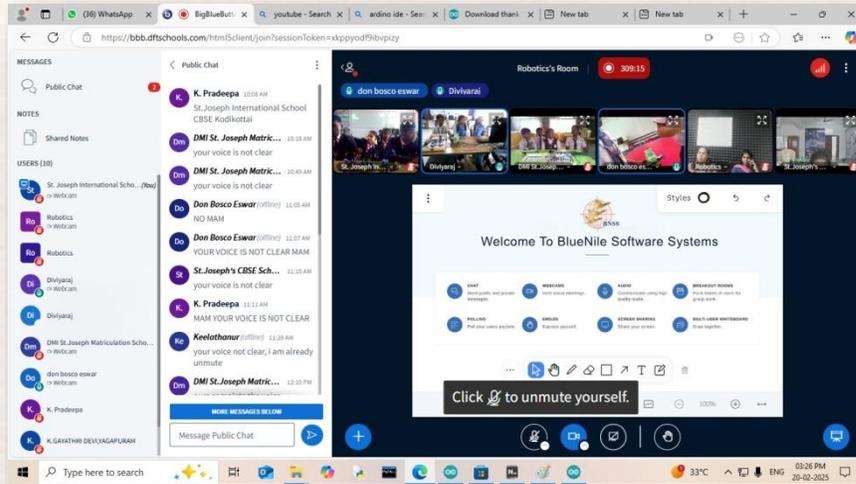
Our school conducted a **Parents' Meeting** on 15th February, providing a valuable platform for meaningful interaction between teachers and parents. The session focused on discussing students' academic progress, strengths, and areas for improvement. Teachers shared insights on learning strategies, classroom activities, and ways to support students at home. Parents actively participated, offering their feedback and suggestions to enhance the overall learning experience. The meeting strengthened the school-home partnership, ensuring a collaborative approach to students' growth and success.

LIBRARY QUIZ



Our school organized an exciting **Library Quiz** to encourage students' interest in reading and general knowledge. The quiz featured a variety of thought-provoking questions covering literature, famous authors, classic books, and general library awareness. Students enthusiastically participated, showcasing their love for books and sharpening their critical thinking skills. This fun and engaging event not only promoted a reading culture but also inspired students to explore the vast world of knowledge available in our library.

ROBOTICS COMPETITION



Our students made us proud by delivering an outstanding performance at the Interschool Robotics Competition! Competing against talented teams from various schools, our young innovators showcased their creativity, technical skills, and teamwork. Their well-designed robots and problem-solving strategies impressed the judges, earning them accolades and recognition. This achievement reflects their dedication, hard work, and passion for robotics. Congratulations to our brilliant team for rocking the competition and bringing home glory



DISTRICT-LEVEL YOGA COMPETITION



Our students showcased their exceptional flexibility, strength, and mindfulness at the District-Level Yoga Competition, where they secured the prestigious Overall Champion Trophy! Their dedication, discipline, and passion for yoga were evident in their outstanding performances, earning them well-deserved recognition. Competing against top participants, they demonstrated grace, balance, and focus, making our school proud. Congratulations to our young yoga champions for their incredible achievement





**THANK
YOU**