



pragyan 2026

PRactical GYAN on STEM

A Residential STEM Conference for School Teachers

April 21-22, 2026

VSSC Central School
Thiruvananthapuram, Kerala

Organised by

VSSC Central School

Endorsed by

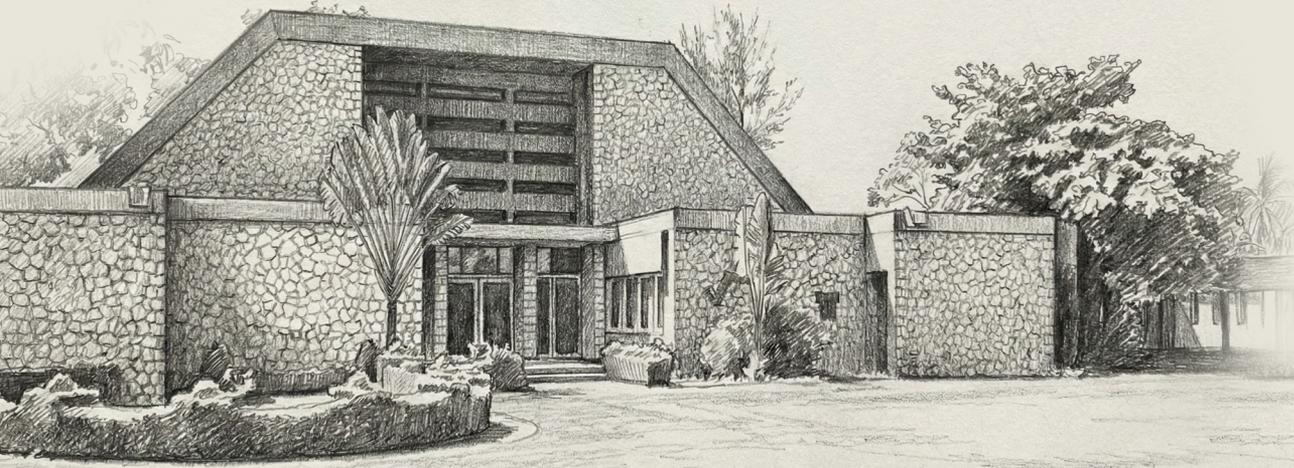
Vikram Sarabhai Space Centre



About the School



VSSC Central School, established on 28 June 1976 to serve the families of Vikram Sarabhai Space Centre, has grown from two staff quarters with 28 students into a vibrant Senior Secondary School affiliated to CBSE, nestled amidst the picturesque Veli Hills near the Arabian Sea at Kazhakuttom. This year, the school proudly celebrates its golden jubilee, marking fifty years of dedicated service to space-town education. Evolving from a Primary School to Middle School (1979), High School (1980) and finally Senior Secondary (1987), it has consistently upheld academic excellence, with its very first Class X batch in 1982 achieving a 100% pass rate. Today, the campus comprises five academic blocks and extensive facilities that reflect both the scientific ambience of India's space programme and a commitment to value-based, quality education from Class I to XII. Supported by the patronage of VSSC, the dedication of its staff and the trust of parents, the school nurtures holistic development—preparing children not merely for examinations but for life—while its alumni, now excelling across the globe, stand as proud ambassadors of this golden legacy.



About pragyan

Pragyan, the flagship STEM conference of VSSC Central School, marks its inaugural edition as part of the school's Golden Jubilee celebrations. Designed to immerse school teachers in the excitement of space science and modern technology, Pragyan brings together classroom educators and ISRO professionals in a unique residential learning experience.

The programme aims to strengthen conceptual understanding of Science, Mathematics, Engineering, and space technology; equip teachers with practical, classroom-ready STEM activities; inspire innovative project ideas linked to real Indian space missions; and build a community of teachers who can mentor the next generation of space scientists.



Talks by Eminent Technologists & Academic Experts

Insights on India's space programme, Satellite launch opportunities for Schools, AI teaching pedagogy etc



Witnessing a Sounding Rocket Launch

Experience the thrill of launch operations up close.



Residential Stay at the ISRO Guest House

Comfortable accommodation facing the picturesque Veli Lake



Gala Dinner with Esteemed Guests

Informal networking with scientists and educators.



Night Sky-Watch Sessions

Telescopic views of celestial objects and practical tips for school astronomy clubs.



Hands-on Workshops on Rocketry

Build, test and analyse model rockets and classroom experiments.



Live Workshop on 3D Printing

From CAD basics to printing your own educational models.



Guided Visit to the ISRO Heritage Museum

A walk through India's remarkable space journey.





CALL FOR

ABSTRACTS

MAIN THEME
Space Science, AI and
Emerging Technologies
for School Education

pragyan



Registration opens on 15th March.
Kindly Confirm your registration first by
completing the payment. Abstracts can be
submitted subsequently, any day before March 25th



<https://school.vssc.gov.in>

SCAN THE QR CODE TO
SUBMIT YOUR ABSTRACT

SUBMIT BY : 25th MARCH, 2026

Conference Tracks

Programme Committee solicits abstract contributions pertaining to the following topics

1. *AI and Education: protecting the rights of learners.*
2. *Gen-AI tools for fostering a holistic understanding of STEM*
3. *Redesigning Science Pedagogy in the Age of Artificial Intelligence*
4. *STEM to STEAM*
5. *Integration of AI and its effectiveness in FLN*
6. *Teacher Readiness for AI Integration in Science Education*
7. *“Building India’s Space Future: Integrating Space Technology Concepts in Secondary Education”*
8. *“Preparing Young Minds for India’s Space Missions: A School-Level Perspective”*

March 15

Registraton
Opens

March 25

Abstract
Deadline

March 30

Acceptance
Announcement

April 15

Camera Ready
Submission

April 21

Conference
Presentation

April 22

Awards &
Valedictory





Who can Attend?

- *Only CBSE School Teachers from recognised schools in Kerala are permitted for Registration*

Registration

- *Seats are limited and will be allotted on a first-come, first-served basis.*
- *Schools are encouraged to nominate one or two teachers who can later train colleagues and students.*
- *Register at : www.school.vssc.gov.in*
- *Registration Fees : ₹ 1400 per delegate (inclusive of Food and Accommodation)*

For further information, please contact;

Pragyan STEM Seminar Committee

*VSSC Central School, St Xavier's College P O,
Thumba, Thiruvananthapuram*

*Phone: **0471 - 2562832 | 2563845***

*Email: **school@vssc.gov.in***





pragyan

Pragyan seeks to ignite curiosity and confidence in every teacher, so that every classroom becomes a launch pad for scientific thinking and innovation.

The organisers gratefully acknowledge the guidance and support of Vikram Sarabhai Space Centre, ISRO, and all resource persons, volunteers and partners who are providing support and guidance for this Conference