



VIKRAM A SARABHAI  
COMMUNITY SCIENCE CENTRE



# Science Hands-on Workshops

For School Student Groups

## Experience the Joy of Science!

Dive into the fascinating world of science with exciting demonstrations, experiments and hands-on activities that make difficult concepts easy to understand for school students.

## What Students Can Explore

- Understanding key concepts in Physics, Chemistry, and Biology through engaging models, demonstrations, and hands-on experiments
- Discover everyday science and its applications in real-life in a fun and captivating way
- Activities that nurture critical thinking, problem-solving and interactive group activities

## Workshop Details

- **Target Group:** Students of Std. 6-8 / 9-12
- **Batch Size:** Minimum 40 students + 2 accompanying teachers
- **Duration:** One full-day, in-person workshop
- **Venue:** At VASCSC or your school
- **Material:** Hands-on activity material provided for every participant
- **Workshop Fee:** Rs. 600/- + GST @18% per student (payable for min. 40 participants)
- Participants will get certificates after the programme.

## Host Institution Arrangements (if held at school/college)

- Transportation & local logistics for VASCSC resource persons
- Venue and basic arrangements including adequate space, seating & electrical facilities for tech-based activities
- 2 teachers/volunteers for assistance

## Important Notes

- This is a self-financed programme
- 100% advance payment required
- Payment via DD/Cheque in favor of "Vikram A Sarabhai Community Science Centre", payable at Ahmedabad. Bank transfer details available on request
- Date and time to be mutually decided
- VASCSC shall not be responsible for any injury or damage, accidentally or otherwise, that may occur during any of its programme
- Fees exclude lodging, travel, venue, or other costs.

To express interest:

**info@vascsc.org**  
Helpline : **80001 44407**



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# Mathematics Hands-on Workshops

For School & College Student Groups



## Make Mathematics Fun and Meaningful!

Transform abstract concepts of mathematics into real-world understanding through interactive, activity-based learning that sparks creativity and logical thinking.

## What Students Will Learn

- Build hands-on models to visualize mathematical concepts i.e. shapes, area, perimeter, etc
- Play with equations, sequences, and problem-solving challenges
- Discover fascinating properties of numbers through logic puzzles and math games
- Explore math in nature, art, and everyday life

## Workshop Details

- **Target Group:** Students of std. 6-8 / 9-12 and undergraduate/diploma/ITI students
- **Batch Size:** Minimum 40 students + 2 accompanying teachers
- **Duration:** One full-day, in-person workshop
- **Venue:** At VASCSC or your school
- **Material:** Hands-on activity material provided for every participant
- **Workshop Fee:** Rs. 600/- + GST @18% per student (payable for min. 40 participants)
- Participants will get certificates after the programme.

## Host Institution Arrangements (if held at school/college)

- Transportation & local logistics for VASCSC resource persons
- Venue and basic arrangements including adequate space, seating & electrical facilities for tech-based activities
- 2 teachers/volunteers for assistance



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# Model Rocketry Workshop

For School & College Student Groups



## Ignite Curiosity. Launch Learning.

Explore the world of Model Rocketry through a hands-on, exciting, educational workshop designed for school and college students.

## What Students Will Learn

- What is a model rocket? Types and uses
- Scientific & mathematical concepts behind model rocketry
- Design and development of satellite prototypes
- Fabrication & assembly of model rocket components (water booster)
- Model rocket launch demonstration!

## Workshop Details

- **Target Group:** School & College Students (Std. 6 onwards)
- **Batch Size:** Minimum 30 students + up to 2 teachers
- **Duration:** One full-day, in-person workshop
- **Venue:** At VASCSC or your school/college
- **Material:** Hands-on activity material provided for every participant
- **Workshop Fee:** Rs. 700/- + GST @18% per student (payable for min. 30 participants)
- Participants will get a certificate.

## Host Institution Arrangements (if held at school/college)

- Transportation & local logistics for VASCSC resource persons
- Venue and basic arrangements for the workshop
- 2 teachers/volunteers for assistance
- An open ground for rocket launching.

## Important Notes

- This is a self-financed programme
- 100% advance payment required
- Payment via DD/Cheque in favor of "Vikram A Sarabhai Community Science Centre", payable at Ahmedabad. Bank transfer details available on request
- Date and time to be mutually decided
- VASCSC shall not be responsible for any injury or damage, accidentally or otherwise, that may occur during any of its programme
- Fees exclude lodging, travel, or venue rental costs.



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# Astronomy Workshop

For School & College Student Groups



## Discover the Wonders of the Universe!

Explore the mysteries of the cosmos in a hands-on, fun-filled workshop designed for beginners, from middle school to college level.

## What Students will Learn

- Introduction to Astronomy, Star Systems, Galaxies & the Universe
- Understanding the Celestial Sphere & identifying constellations in the night sky
- Hands-on training with night sky simulation software Real-time sky observation activities using astronomical models
- Safe observation of the Sun and/or celestial bodies (subject to conditions)

## Workshop Details

- **Target Group:** Students of Std. 6-8 or 9-12 and College students (UG & above)
- **Batch Size:** Minimum 30 students + 2 accompanying teachers
- **Duration:** One full-day, in-person workshop
- **Venue:** At VASCSC or your school/college
- **Material:** Hands-on activity material provided for every participant
- **Workshop Fee:** Rs. 700/- + GST @18% per student (payable for min. 30 participants)
- Participants will get a certificate.

## Host Institution Arrangements (if held at school/college)

- Transportation & local logistics for VASCSC resource persons
- Venue and basic arrangements for the workshop
- 2 teachers/volunteers for assistance



## Important Notes

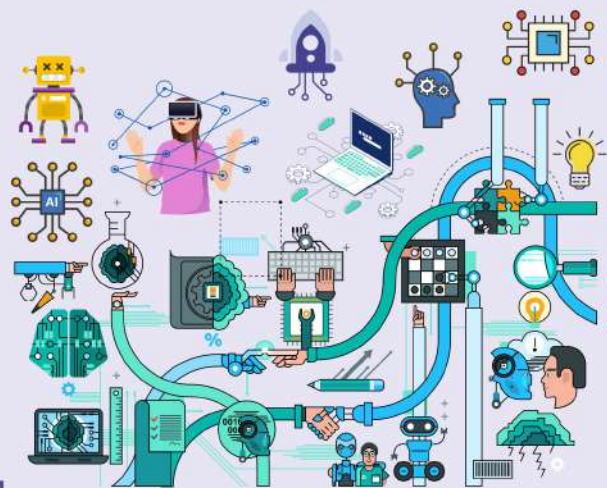
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# Emerging Technologies Workshops

For School & College Student Groups

## Prepare the Students for the Future with Tech-Powered Learning!

Introduce your students to cutting-edge technologies through interactive, hands-on workshops that spark innovation and build 21<sup>st</sup> century skills.

### What Students Can Explore

- Introduction to AI, Machine Learning, Robotics, AR&VR
- Exploring Drone Technology, Sensors, and IoT
- Basics of Coding, Automation, and Design Thinking
- Real-world applications of emerging technologies
- Group activities, simulations, and problem-solving challenges

### Workshop Details

- **Target Group:** Students of Std. 6-8 / 9-12 and College students
- **Batch Size:** Minimum 20 students + 1 accompanying teachers
- **Duration:** One full-day, in-person workshop
- **Venue:** At VASCSC or your school/college
- **Material:** Hands-on activity material provided for every participant
- **Workshop Fee:** Rs. 1000/- + GST @18% per student (payable for min. 20 participants)
- Participants will get certificates after the programme.

### Host Institution Arrangements (if held at school/college)

- Transportation & local logistics for VASCSC resource persons
- Venue and basic arrangements including adequate space, seating & electrical facilities for tech-based activities
- 2 teachers/volunteers for assistance



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