

Diwali Vacation Batches

17 - 25 Nov 2023



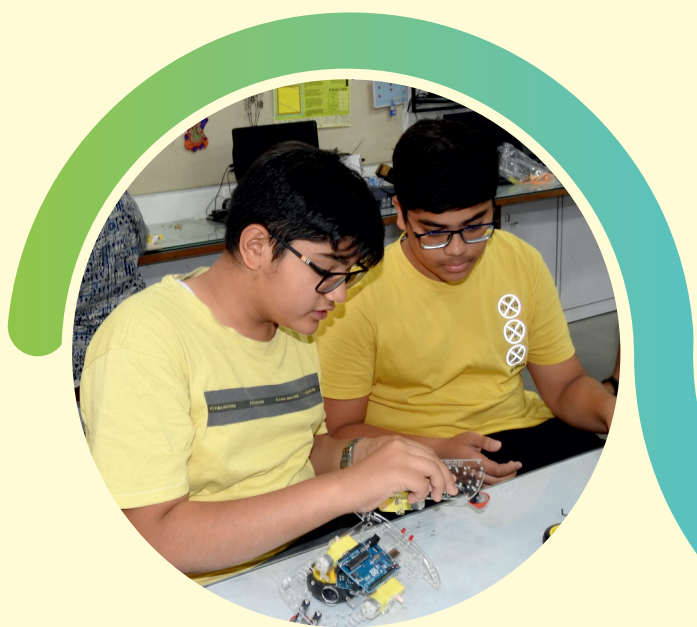
This Diwali Vacation, VASCSC is offering opportunities for you to experience innovative and fun-filled learning. Select which module fascinates you the most to enhance your understanding of various Science and Mathematical concepts. All sessions will be in physical mode where the practical, problem-solving element of the activities will help you develop important skills such as creativity and critical thinking. Grab the opportunity to upgrade your knowledge and skills.

| Name of the Module | | Timings | Level | Activities | No. of Seats | Fee* ₹ |
|---------------------------|-----------------------|--------------------|------------|--|--------------|--------|
| Code | Start Date - End Date | | | | | |
| Little Science Explorers | | | | | | |
| LS - A1 | 17 - 19 Nov | 11:30 am - 1:00 pm | Std. 1 - 2 | Do It Yourself - Fly high the rotocopter, Dancing snake, Galaxy torch art, Make your animal jump, Turn the Sun around, Bounce back balloon. | 20 | 750 |
| 3D Printing and Designing | | | | | | |
| ET-A1 | 21 - 25 Nov | 11:30 am - 1:00 pm | Std. 5 - 6 | Learn about fundamentals of 3D Printing technology. Understand the basics of additive manufacturing and engineering design, learn 3D Designing with software and print your own 3D model along with operating 3D printer. | 18 | 1500 |
| Joy of Mathematics | | | | | | |
| MA-A1 | 21 - 25 Nov | 11:30 am - 1:00 pm | Std. 4 - 5 | Symmetry in use - create patterns and images using symmetry. Maths & Weaving - Patterns to understand use of maths in fabric production. Labyrinth game - A fun way to understand complex network systems. Flexible Solids - Making & its uses. Fun with Numbers - Intriguing number puzzle based on simple mathematical operations. | 20 | 1200 |
| Chem 4 Kids | | | | | | |
| CH-A1 | 21 - 25 Nov | 9:30 - 11:00 am | Std. 1 - 4 | Introduction to Lab and lab apparatus, Fun chemical activities like Krakatoa volcano, Elephant toothpaste, Genie in the Bottle, Hydrogen balloon, VASLV- Hydrogen Rocket, Magic Potion, Slime, Magic breath, Alchemy Tricks - Vanishing Cup, Burning a Note. | 20 | 1200 |
| Fun with Chemistry | | | | | | |
| CH-B1 | 21 - 25 Nov | 11:30 am - 1:00 pm | Std. 5 - 8 | Introduction to Lab and lab apparatus, Fun chemical activities like Painless cut, Obedient colours, Convection, Catalyst at work, Non-Newtonian fluid, Liquid gold, Wet or dry, Cold welcome, Black pillar, Battlefield. | 20 | 1200 |
| Pyrotechnics | | | | | | |
| CH-C1 | 22 - 23 Nov | 4:00 - 5:30 pm | Std. 6 - 8 | Introduction to Pyrotechnics - Science of Firework, Flame test, Coloured fire; Rocket fuel, Contact explosives, Zinc pyrotechnics and more. | 20 | 600 |
| Fun with Physics - Jr. | | | | | | |
| PH-A1 | 21 - 25 Nov | 9:30 - 11:00 am | Std. 4 - 5 | The world of physics awaits you to explore the magic of magnets and how we see and hear the world around us by performing engaging activities and making some interesting models. | 20 | 1200 |
| Electronics for You | | | | | | |
| EL-A1 | 21 - 25 Nov | 11:30 am - 1:00 pm | Std. 4 - 5 | Let's explore together the world of electronics by making your own gadgets. Learn how to assemble electronic components using soldering technique. | 15 | 1200 |
| Little Scientist | | | | | | |
| BO-A1 | 21 - 25 Nov | 11:30 am - 1:00 pm | Std. 1 - 3 | Fun with plants - Transpiration, Phototropism, Journey from seed to a plant, Finding the age of a tree, Leaf printing, Understanding different body organs, What's inside your blood?, Know about the tiny fighters in your body, Soil and its components, Looking through a microscope and other interesting activities. | 20 | 1200 |
| Science Exploration | | | | | | |
| BO-B1 | 21 - 25 Nov | 9:30 - 11:00 am | Std. 4 - 6 | Know your fingerprints, Types of microorganisms and their food requirements, Movement and locomotion, Effect of pollution on the ecosystem, Biogeochemical cycle, Diffusion, Food & nutrition, Various science games. | 20 | 1200 |

*GST extra, as applicable

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| Code | Start Date - End Date | | | | | |
| Nanotechnology: Small Wonders! | | | | | | |
| NT-A1 | 24 - 25 Nov | 11:30 am - 1:00 pm | Std. 3 and above | How small, nano is? Why small things behave differently? Let's defy gravity, Smart material: shape-memory alloy, Make your supramolecules, Dynamics of magnetic ferrofluid, Build your C60. | 20 | 750 |
| Astronomy with Python | | | | | | |
| AS - A1 | 21 - 25 Nov | 9:30 - 11:00 am | Std. 7 - 11 | Basics of Astronomy and Python, accessing data from space telescopes, understanding astronomical data, Analysis of data using Python and generate scientific results. Prerequisite: Basic computer knowledge. | 15 | 1500 |
| Day time Astronomy | | | | | | |
| AS - B1 | 21 - 25 Nov | 4:00 - 5:30 pm | Std. 5 - 8 | Understanding different motions and properties of Sun and sun spots, making different models of Sundial, Ball mirror and taking real time observations of Sun. | 20 | 1200 |
| Science Outdoors @ Halvad, Little Rann of Kutch | | | | | | |
| SO - A1 | 18 - 19 Nov | Day 1: 18 Nov, Sat Departure :7 am Day 2: 19 Nov, Sun Arrival: 8 pm | Std. 6 - 9 | Exploring nature and biodiversity. Hands-on activities related to light, Fun chemical reactions, aerodynamics, astronomy, etc. Introduction to emerging technologies like drones and sensors. Night sky viewing, Science Quiz, Treasure Hunt, Visit to Little Rann of Kutch and Salt Pans. Stay at CEE, Halvad Campus. | 30 | 3600 |
| Rocket, Glider, Parachute | | | | | | |
| RG - A1 | 21 - 23 Nov | 5:30 - 7:00 pm | Std. 5 and above | Explore Space Science and Aeromodelling through Model Rocketry, Glider and Parachute making while having fun with light. | 20 | 800 |

*GST extra, as applicable



Please note

1. Admission is on 'first come, first served' basis.
2. Please apply as per the level mentioned in respective module.
3. The programme activities and schedule are subject to change without prior notice.
4. Payment of fee can be made by Cash/Card/UPI or Cheque drawn in favour of 'Vikram A Sarabhai Community Science Centre'.
5. The fee, once paid, is non-transferable and non-refundable.
6. Fee Refund Policy: In exceptional cases of cancellation, 10% of the fee amount, subject to a minimum of Rs. 100/-, will be deducted. No refund for cancellations within 5 days before start date of the batch.
7. GST shall be extra, as applicable, over and above the fee mentioned.
8. After admission, any change in batch will not be possible. Please check receipt at the time of admission. VASCSC shall not be responsible for any discrepancy or error.
9. Participants are requested to carry their receipts to the programme.
10. Limited partial scholarships are available for those who cannot afford the fee.



Registrations Open at VASCSC

Tuesday to Saturday
10:00 am - 12:30 pm
2:30 - 5:00 pm
Sunday
10:00 am - 12:30 pm
Mondays closed

Holidays
10 - 15 Nov







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