



INDIAN SPACE SCIENCE OLYMPIAD (ISSO) - 2022

FINAL LEVEL OFFLINE WORKSHOP & EXAMINATION

The final level of Indian Space Science Olympiad (ISSO) will comprise of a 3-day offline workshop and examination. Candidates who are eligible to attend the final level offline examination can register through this portal.

Event Dates: 27, 28 & 29 DECEMBER 2022

Reporting time: 09.00 AM on 27th December 2022

Venue of final exam: [Vidya Academy of Science and Technology, Thrissur, Kerala](#)

Vidya Academy of Science & Technology (VAST) is a state-of-the-art engineering college conforming to international standards. This model engineering college was approved by AICTE in 2003 and affiliated to APJ Abdul Kalam Technological University. Within a few years, VAST emerged to be one of the notable engineering colleges in Kerala with its competent and committed faculty, high-quality infrastructure, and high-technology teaching aids, and by providing a serene atmosphere that complements academic life.

Location: https://maps.app.goo.gl/AmpPhsArRhk3EcMaA?g_st=ic

Nearest Airport: Cochin International Airport (67km, approximate 1hr 51min to the venue)

Nearest Railway station: Thrissur railway station (15.7 km, approximate 30min to the venue)

Nearest Bus stop: Kaiparambu (Thrissur District) (2km, Approximate 10min to the venue)

- **This program is not a luxury camping holiday. It has a structure, schedule, rules, and decorum that must be followed.**
- All candidates are expected to report at the venue on time.
- All candidates should carry their original school ID card/ Aadhaar card/ Bonafide certificate having photographs.
- No candidate is allowed to go outside the premises of the venue without prior permission from the Camp Director. No such activities will be tolerated and if a candidate is found violating this, he/she will be immediately expelled from the competition.
- Candidates are allowed to carry their gadgets (such as mobile phones, laptops etc.) to the venue, but they will not be allowed to do the same during the examination including smartwatch.

- No candidate will be allowed to leave the exam hall till the end of session.
- Resorting to malpractice of any kind will result in the disqualification of candidates.
- Parents should provide prior information if the candidate is under medication of any kind. All medicines should be in their original containers.
- Parents should provide their two contact numbers at the registration desk.
- Parents are supposed to drop off their ward at the venue on 27th morning at 9am and pick them back from the venue on 29th afternoon. Parents are also welcomed to join the prize distribution and closing ceremony between 2pm to 4pm.
- Unauthorised photography is strictly prohibited during competition hours.
- Edu Mithra will not bear any responsibility for any costly belongings of the candidates.
- Participants are expected to wear the I.D cards provided to them during the entire duration of the Olympiad.
- Dress code: Candidates must wear formal attire.
- Participants found to be under the influence of drugs, alcohol or any other inappropriate goods will be expelled from the Olympiad immediately.
- Candidates are expected to maintain decorum and discipline in the campus.
- Kindly note that Edu Mithra or any staff of Vidya will not demand any extra fee apart from the fee collected towards registration. If any such event is noted, kindly report to the event director immediately.
- The organizers reserve the right to use photographs/videos (individual or group) taken during the competition for advertising, promotion, trade or art purposes. If you do not consent to use your photos, please do not participate when Edu Mithra is taking photographs.
- Food (veg/non veg) and accommodation will be provided only to the candidates. Boys and girls will have separate accommodation facilities and toilets, washrooms etc.
- Candidates will be provided with their own bed and pillows. But they should bring their own bed sheets and pillow covers.
- Candidates should carry their own toiletries (such as toothpaste, toothbrush etc).
- Hand sanitizer will be provided with the welcome kit.

Safety at the camp

Campers are well supervised in every situation throughout the camp day.

Staff is vigilant; they constantly monitor the campsite for safety hazards.

Safety is our first priority, and every activity takes safety into consideration.

All campers will be given an I.D card which will be provided with an emergency contact, number of the camp director, number of the local sub inspector etc

Our trained and experienced team has maintained an impeccable safety record. Adult supervision includes one lady doctor on campus. First-aid and common medication is available on camp. Hospitals may be 10-15 minutes away.

FEE DETAILS

ISSO Final Level Workshop and Exam Registration Fee: INR 5000 + Tax

Food and accommodation Fee: INR 1750 (can be paid at the venue)

Last Date of registration: 15TH NOVEMBER 2022

Visit <https://spaceolympiad.com> for registration

SYLLABUS

- Origin and history of the Indian space program
- Indian space scientists and astronauts
- Major facilities and centers in India
- Major missions and achievements of ISRO
- Indian launch vehicles
- General facts and information about space

FINAL LEVEL EXAMINATION PATTERN

Exams will be conducted in two days.

Day 1- Offline exam of 50 MCQ questions based on that days class at workshop and reference book. (book is same as the preliminary level book)

Day 2- Offline exam of 50 MCQ questions based on that days class at workshop reference book. (book is same as the preliminary level book)

Day 2- Participants need to give a maximum of 3 minute oral presentation on the given topic.

PAPER PRESENTATION TOPIC: **“Future of Indian Space Science”** (ppt presentation is not required)

For the final exam 40% questions will be taken from e-book, another 40% from workshop classes and 20% common questions on space science and astronomy. The reference book is same as the preliminary level.

MARKINGS SYSTEM

Each MCQ pattern exam carries 50 marks and Oral presentation carries 20 marks, so the total score will be out of 120 marks. There will be 0.25 negative marking for MCQ wrong answers.

Computer will be provided to each candidate to attend the examination.

PROGRAM SCHEDULE

27/12/2022 (DAY 1)

09.00 AM - 10.00 AM- Reporting time

10.00 AM - 11.30 AM- Ice breaking session

11.30 AM - 12.00 PM- Tea break

12.00 PM - 01.00 PM- Break (To get settled and freshen up)

01.00 PM - 02.00 PM- Lunch

02.00 PM - 04.00 PM- Session 1 (Based on the syllabus)

04.00 PM - 04.30 PM- Tea break & study session

(Students can make use of the computers at their disposal for exam preparation)

04.30 PM - 05.30 PM- Exam 1 (Based on session-1 and ref. book, 50 MCQ-20 minutes)

05.30 PM - 07.00 PM- Open discussion and self-introduction

07.00 PM - 08.00 PM- Dinner

08.00 PM -09.30 PM- Session 2 (Telescope making - Invited Talk)

BEDTIME

28/12/2022 (DAY 2)

08.00 AM - 09.00 AM- Breakfast

09.00 AM - 11.00 AM- Session 3 (Based on the syllabus)

11.00 AM - 12.00 PM- Tea break & study session

12.00 PM - 01.00 PM- Exam 2 (Based on session-3 and ref. book, 50 MCQ-20 minutes)

01.00 PM - 02.00 PM- Lunch

02.00 PM - 04.00 PM- Oral Paper Presentation

Students are required to prepare a 3 minute oral presentation based on the topic **“Future of Indian Space Science”** (ppt presentation is not required)

04.00 PM - 04.15 PM- Tea break

04.15 PM - 07.00 PM- Paper Presentation (continuation)

07.00 PM - 08.30 PM- Session 4 (Sky-watching and a Our Universe – Invited Talk)

08.30 PM - 09.30 PM- Dinner

BEDTIME

29/12/2022 (DAY 3)

08.00 AM - 09.00 AM- Breakfast

09.00 AM - 11.00 AM- Session 5 (Career on space science & Technology – Invited Talk)

11.00 AM - 11.30 PM- Tea break

11.30 AM - 01.00 PM- Open discussion & feedback

01.00 PM - 02.00 PM- Lunch

02.00 PM - 04.00 PM- Closing ceremony and prize distribution

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BEHAVIOUR

All participants are reminded that acceptable behavior is required at all times during the Edu Mithra's Indian Space Science Olympiad and after Indian Space Science Olympiad hours to other members, Trainer/s, Guests, Faculties and Staff. Unacceptable behavior will not be tolerated. If the participant is seen to be verbally or physically abusive, deliberately causing danger or damage to other members, trainer/s, Guests, Faculties, Staff or property during the course the participant will be required to leave the course/camp immediately and will NOT receive any refund.

FORCE MAJEURE

Edu Mithra will NOT be responsible or liable for any failure to perform any Program due to unforeseen circumstances or to causes beyond its reasonable control, including but not limited to acts of God, war, riots, embargoes, acts of civil or military authorities, fires, floods, earthquakes, accidents, labour unrest, interruptions in the delivery of required services, failure of communications services, or shortage or failure of other critical materials or services for the duration of any such circumstances or cause.

CAMP VISITOR POLICY

NO VISITORS ARE ALLOWED DURING THE CAMP DAYS UNDER ANY CIRCUMSTANCES.

Candidates may carry smart phones to contact their parents at free hours as per the programme schedule.

COMPLAINTS

Complaints which cannot be resolved between the student and the instructor or with the Edu Mithra staff at the time of event, may be mailed directly to Edu Mithra Intellectual Services Pvt. Ltd, Chengamanad P O, Aluva, Kerala, India 683 578.

All disputes arising out of or in connection with this disclaimer or use of this website shall be subject to the exclusive jurisdiction of the courts of Ernakulam, Kerala, India.

For more information call to +919446321098 or mail to info@edumithra.com
