For more information click on below link:

http://olympiads.hbcse.tifr.res.in/subjects/junior-science/stages

Stages

The Junior Science Olympiad program will follow the following 5 stages:

- **Stage I**: National Standard Examination in Junior Science (NSEJS).
- **Stage II**: Indian National Junior Science Olympiad (INJSO),
- **Stage III**: Orientation cum Selection Camp (OCSC) in junior science,
- **Stage IV**: Pre-departure Training Camp (PDT) for IJSO,
- **Stage V**: Participation in International Junior Science Olympiad (IJSO).

Stage I will be entirely the responsibility of IAPT. All the remaining stages will be organized by the HBCSE.

The detailed information about eligibility and structure of the stages is given below:

**Stage I: National Standard Examination in Junior Science (NSEJS)**

NSEJS is the first stage of selection of students in the Junior Science Olympiad Programme. NSEJS is organised by the Indian Association of Physics Teachers (IAPT). Every student aspiring to go through successive stages of the programme must enroll for NSEJS. NSEJS is held at a large number of centres in the country.

- **Date of NSEJS 2014**: 23 November 2014 (Sunday)
- **Time of NSEJS 2014**: 03:00 pm to 05:00 pm
- **Last Date for Enrollment for NSEJS**: 15 September 2014

**Eligibility (NSEJS):**

All Indian students who are born on or after January 1, 2000 and, in addition, are in Class X or lower as of November 30, 2014, are eligible to appear in NSEJS 2014 – 2015. If they qualify in the NSEJS, they will be eligible for subsequent stages leading to participation in International Junior Science Olympiad 2015.

It is the student's responsibility to ensure that the eligibility criteria are satisfied. In case at any stage of the program it is found that the student does not satisfy the eligibility criteria, he/she may be disqualified from the program.

**Syllabus:**

The syllabus for NSEJS will be broadly equivalent to the secondary school level (upto Class X) of CBSE. The different basic subjects of science (physics, chemistry, biology and mathematics) will have roughly equal emphasis.

This is only a broad guideline, and there is no detailed syllabus given for NSEJS.
Question Paper:

NSEJS will emphasize comprehension of the subject, not rote memory. Its format will be as follows:

The question paper will consist of 80 multiple choice questions, each with only one of the four options correct.

Language : English.

Dear All,

This is to kindly inform that Indian Association of Physics Teachers (IAPT) is an National level Science competitive exam whose registration for IAPT exam will done at PACE.

Kindly find the attachment for IAPT details (Criteria, Syllabus, Exam date, Registration fees, past Question papers).

The last date of registration at PACE for IAPT exam is 5th Sep.’14. Kindly meet the principal for registration between Monday to Saturday from 10 am to 4 pm.

Note :- Kindly check the age criteria before registering.

Kalyan, Thane@ THANE
Nerul, Kharhar, chembur @ NERUL
Dadar, K.C.@ DADAR
Borivali@ BORIVALI
Powai @ POWAI
Andheri@ ANDHERI
selected on the basis of the Merit Index. In the event of tie at the last position in the list, all students with same marks at this position will qualify to appear for the INO Stage II examination. The selected students must nevertheless satisfy the eligibility clause. The number to be selected from all the centres in each State or UT is available on the IAPT and HBCSE websites.

(www.iapt.org.in; http://olympiads.hbcse.tifr.res.in)

(d) Minimum Representation Clause:
Notwithstanding the proportional representation clause the number of students selected for INO from each State and UT must be at least one, provided that the eligibility clause is satisfied.

The above criteria are illustrated with the following examples:

i. Let the quota on the basis of the Proportional Representation Clause (c) for a State S1 be 20. Suppose the number of students satisfying the Merit Index Clause (b) in a subject is 10. These 10 students will qualify for the second stage INO exam in the given subject and an additional 10 students from the State S1 in the given subject will be selected merit-wise, provided they satisfy the Eligibility Clause (a).

ii. Let the quota on the basis of the Proportional Representation Clause (c) for a State S1 be 20. Suppose the number of students satisfying the Merit Index Clause (b) in a subject is 30. In this case, all 30 students will qualify for the second stage INO exam in the given subject, and there will be no further selection from the State S1.

Individual letters will be sent to these students informing that they have to appear for Indian National Olympiads (INO). All these INOs are organized by Homi Bhabha Centre for Science Education (HBCSE) Mumbai. Top 35 students are chosen on the basis of their performance at these INOs. These 35 students in each subject attend Orientation cum Selection Camp (OCS) in respective discipline for about 2 weeks at Homi Bhabha Centre for Science Education (HBCSE) Mumbai. Indian team to participate in International Olympiad is selected from the OCS in respective subject. For more details visit www.hbcse.tifr.res.in/olympiads and /or www.iapt.org.in

Are there any other fees for these INOs or camps?
None! You pay only once at the time of enrolment.

What is the time schedule?

LAST DATE OF ENROLMENT: 15th SEPT. 2014.

Examination schedule: Kindly see the table on the backside.

| Note that all the five exams are on the same day |
| Sunday, 23rd November 2014 |
| Probable dates of INOs: | Jan. 31 and Feb. 1, 2015 |
| Expected date of results of INOs: | 1st March 2015 |
| OCSCs: | April – June 2015 |

Are Old Question Papers Available?

Yes. Set of previous four years question papers with solutions / answers, in Physics, Chemistry, Biology and Astronomy is available, cost ₹ 100. Set of last four years question papers with solutions/answers in Junior Science is available, cost ₹ 50. Send a DD of ₹ 100 or ₹ 50 in favour of IAPT, payable at Kanpur to Indian Association of Physics Teachers, L-117/302, Naveen Nagar, Kanpur (U.P.) - 208025 (Tel. 0512 - 2500075, 09935432990)

Write your name and postal address (with PIN) on the back of D.D. After receiving the DD, the set will be dispatched by Regd. Post or Courier. All queries regarding old question paper sets should be made on above address/telephone number.

Are there any CERTIFICATES / AWARDS?

In each subject,

i) Certificates are given to 'top 10%' students of every centre.

ii) Merit Certificates are awarded to 'top 1%' students in each State, in each subject.

iii) Special Merit Certificates and a prize (book) will be awarded to 'National top 1%' students in each subject.

iv) Gold Medals are awarded to the Top 35 students from INPhO, INChO and INBO examinations.

Chief Co-ordinator of IAPT Exams:
Prof. M. L. Ogalepurkar, Pune

NSE Co-ordinators:
Prof. J. P. Gadre, Pune (Tel: 09422987884)
Prof. G. Venkatesh, Bangalore (Tel: 09620807314)
Prof. M. K. Raghavendra, Bangalore (Tel: 09901111008)

Central Examination Office:
Indian Association of Physics Teachers
Ph.: 020-25420163, 020-25252754
E-mail: iaptpun@gmail.com
Website: www.iapt.org.in
What is IAPT?

IAPT (Indian Association of Physics Teachers) is an association of Physics Teachers spread throughout the country. It was started by Late Dr. D. P. Khandelwal in 1984 and today it has 6500 life members. All the work of this (our) organization is voluntary in character—thus NOBODY is paid any Honorarium or remuneration for ANY WORK of IAPT.

What is NSEP? NSEC? NSB? NSEA? or NSEJS?

National Standard Examinations (NSEP in Physics, NSEC in Chemistry, NSEB in Biology, NSEA in Astronomy and NSEJS in Junior Science) are nationwide examinations organized by IAPT. We have been conducting NSEP for last 28 years by now. NSEP, NSEC, NSEB and NSEA are at CBSE class XII level while NSEJS is at CBSE class X level. These NSEs are the FIRST and THE ONLY SCREENING TESTS leading towards International Olympiads in the respective subjects.

What are Science Olympiads?

Olympiads are internationally recognized competitions in various fields of knowledge. They are the highest level examinations and are hosted by different countries every year. Participation in any of the Olympiads has worldwide recognition and is considered as a great achievement. International Olympiads are held every year in Mathematics, Physics, Chemistry, Biology, Astronomy and Junior Science.

How do I go to (or participate in) the Physics (or Chemistry or Biology or Astronomy or Jr. Science) Olympiad?

You will have to appear for NSEP (or NSEC / NSEB / NSEA / NSEJS) and then through the Indian National Physics Olympiad (INPhO or INChO or INBO or INAFO or INJSO) you may be selected for the further stages of the respective International Olympiad Programme.

Is there any other way to go to International Olympiads in these subjects?

No! There is none.

How do I enroll myself for any of these?

You must register from your OWN School / College. The Principal (or Physics or Science Teacher) of your College / Jr. College / High School will enroll you. He will give you all further instructions. In case you have any difficulty then refer to our website www.iapt.org.in. List of all NSE centres of last year (viz 2013-14) is available on the website. The name of contact person at the respective centre is also indicated. Enrolment at the centers only.

No direct enrolment.

What are the fees?

₹100/- per student per subject (per examination) to be paid in cash to the centre in charge. DO NOT SEND ANY MONEY TO IAPT OFFICE. This exam fee cannot be refunded.

What are the details of the entire selection procedure?

The aim of the first stage examination is to have a wide reach, to progressively increase this reach and to attain nationwide representation for stage II without overly compromising on merit. Hence the selection to the stage II examinations i.e. Indian National Olympiads Examinations (INOs) is based on the following scheme.

(a) Eligibility Clause: To be eligible for the Stage II INO exam leading to the International Olympiad, a candidate must secure a score equal to or greater than a Minimum Admissible Score (MAS). The MAS for a given subject will be 50% of the average of the top ten scores in that subject rounded off to the nearest lower integer.

(b) Merit Index Clause: There will be a high score called the Merit Index (MI) associated with each subject in Olympiads. The MI in a subject is defined as 80% of the average of the top ten scores in that subject rounded off to the nearest lower integer. All students with a score greater than or equal to the merit index MI for the subject will automatically qualify for INO Stage II examination in that subject. For example, if the average of top ten scores in a certain subject is 92, then 80% of this is 73.6. Then the MI in that subject will be 73. All candidates with a score equal to or above 73 in that subject will automatically qualify for INO stage II.

(c) Proportional Representation Clause: Students from all States and UTs need to be encouraged to appear for the first stage examination and a nationwide representation for INO Stage II is desirable. The quota for each State/UT used in National Talent Search Examination (NTSE) 2013-14, a nationwide competitive examination will be used as the baseline for calculating the number of students qualifying for Stage II INO in each subject from centres in that State or UT. Suppose the NTSE quota is 5 for a State, and the total for all States and UTs is T, then the total number of students to be selected to INO Stage II from that State would be S/T times 500, rounded off to the nearest higher integer. This number will include those
### Eligibility:

<table>
<thead>
<tr>
<th>Program</th>
<th>Eligibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>NSEP, NSEC, NSEB</td>
<td>Science students studying in std XII or lower and born on or after 01-07-1995</td>
</tr>
<tr>
<td>NSEA</td>
<td>Students of class XII or lower and born on or after 01-01-1996</td>
</tr>
<tr>
<td>NSEJS</td>
<td>Students of class X or lower and born on or after 01-01-2000</td>
</tr>
</tbody>
</table>

### Syllabus:

<table>
<thead>
<tr>
<th>Program</th>
<th>Syllabus</th>
</tr>
</thead>
<tbody>
<tr>
<td>NSEP, NSEC, NSEB</td>
<td>Upto CBSE class XII</td>
</tr>
<tr>
<td>NSEA</td>
<td>Physics and Mathematics upto CBSE class XII along with basic Astronomy</td>
</tr>
<tr>
<td>NSEJS</td>
<td>Physics, Chemistry, Mathematics and Biology upto CBSE class X</td>
</tr>
</tbody>
</table>

### Programme:

<table>
<thead>
<tr>
<th>Last Date of Enrolment</th>
<th>September 15, 2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fees</td>
<td>₹ 100/- per student per subject</td>
</tr>
<tr>
<td>Date of Exam</td>
<td>(for all the five) Sunday, 23rd November, 2014</td>
</tr>
<tr>
<td>Time</td>
<td>PHYSICS: 09-30 am to 11-30 am</td>
</tr>
<tr>
<td></td>
<td>CHEMISTRY: 12-30 pm to 02-30 pm</td>
</tr>
<tr>
<td></td>
<td>BIOLOGY: 03-00 pm to 05-00 pm</td>
</tr>
<tr>
<td></td>
<td>ASTRONOMY: 03-00 pm to 05-00 pm</td>
</tr>
<tr>
<td></td>
<td>JUNIOR SCIENCE: 03-00 pm to 05-00 pm</td>
</tr>
</tbody>
</table>