



GREATER BOMBAY SCIENCE TEACHERS' ASSOCIATION

201/202, Star Manor Apt, 2nd Floor, Bhau Maharaj Chindarkar Marg, Near Ruia Hall, Malad (W), Mumbai - 64.
Reg.No.E12152 (Mumbai) Tel.: 022-28806995 • Email:balvaidnyanik@gmail.com, website:www.msta.in

Dr. Homi Bhabha Balvaidnyanik Competition 2023-2024

Dr. Homi Bhabha Balvaidnyanik Competition is conducted by Greater Bombay Science Teachers' Association since 1981. This unique four stage competition aims at arousing curiosity, problem solving attitude along with development of precision in observational and motor skills in young scientists. Through the competition GBSTA also aims at sensitizing students towards their immediate environment and dare to take rational initiatives whenever needed.

Who can participate : Students studying only in 6th std. and 9th std. in the academic year 2023-24

MEDIUM :- ENGLISH AND MARATHI

(Note :- Students from Semi-English section can go for English or Marathi medium as per their comfort level. Selected medium will remain the same for ALL further stages of the competition. NO CHANGE IN THE SELECTED MEDIUM IS PERMITTED BY GBSTA).

Boards :- All Boards (Maharashtra SSC / CBSE / ICSE / IB / OTHER STATE BOARDS)

Regions :

1. **MUMBAI** : Mumbai and Mumbai Suburban.
2. **THANE** : Thane, Palghar, Raigad.
3. **PUNE** : Pune, Solapur, Ahmadnagar.
4. **NASHIK** : Nashik, Dhule, Jalgaon, Nandurbar.
5. **KOLHAPUR** : Kolhapur, Satara, Sangli, Ratnagiri & Sindhudurg.
6. **SAMBHAJINAGAR** : Sambhajinagar, Jalna, Hingoli, Parbhani.
7. **VIDHARBH** : Akola, Buldhana, Amravati, Washim, Yavatmal, Wardha, Nagpur, Bhandara, Gondia, Gadchiroli, Chandrapur.
8. **LATUR** : Latur, Beed, Dharashiv, Nanded.
9. **OTHER THAN MAHARASHTRA** : All states in India (**Only for other region, If registered through school with minimum 50 students then center is in your school in any state, Otherwise center will be in maharashtra preferred by you. List of cities in Maharashtra is provided in dropdown box. Select three preferences.**)

THE SCHEDULE OF DR. HOMI BHABHA BALVAIDNYANIK COMPETITION 2023-24

Please Note : This Year DHBBVC Theory Competition will be held Offline

SR. NO	DESCRIPTION	DETAILS
1	Accepting online entry forms (Registration)	Tuesday 20th June 2023 to Monday 31st July 2023 (midnight)
2	Accepting online entry forms with late fee	Tuesday 1st August 2023 to Thursday 10th August 2023 @ 5 p.m. (with late fee of Rs. 25 per student) Note that : Late fee strictly applicable after 31st July 2023
3	Offline Theory competition	Third week of October 2023
4	Result of theory competition	Last week of November 2023
5	Practical competition	Std. 9th : Sunday 7th Jan. 2024 Std. 6th : Sunday 21st Jan. 2024
6	Result of practical competition	First week of February 2024
7	Submission of action research project report through mail	Monday 11th March 2024
8	General Interview / Action Research Project Interview	Sunday 17th March 2024
9	Prize Distribution Ceremony	Sunday 7th April 2024

Please Note: Organizer's reserve the rights to make changes in schedule and in mode of competition at any stage of the competition.

Region	Co-coordinator	Mobile No.	Co-coordinator	Mobile No.
Mumbai	Smt. Amruta Sawant	9167335197	Shri. Suresh Jadhav	9221047057
Thane	Shri. Jayant Ghadge	9867906129	Shri. Satish Gholap	9222444171
Pune	Shri. Vivek Chavan	9892752824	Shri. Deelip Satpute	9082951645
Kolhapur	Dr. Sanjay Mohite	8169025026	Shri. Vilas Manjalkar	9867359652
Nashik	Smt. Nayana Thorat	9867809686	Shri. Sanjay Kanse	9819176904
Sambhajinagar	Shri. Santaram Pawar	750627117	Shri. Narayan Gite	8108177131
Vidharbha	Smt. Meenakshi Mane	9326956498	Shri. Sandeep Shinde	9594161578
Latur	Shri. Shrikant Shingare	9869634765	Dr. Nilima Mulgund	9819872361
Others Region	Shri. Kailas Chavan	9029197211		

Contacts : For any query regarding Online REGISTRATION process.

Call your region coordinator between 12.00 noon to 06.00 p.m. only.

SYLLABUS

Less emphasis will be given for knowledge based questions and more emphasis for understanding, reasoning, correlation, application etc. Majority of the questions will be from Maharashtra state board science text books and Content related to the above from ICSE, IB and CBSE science textbooks. The questions related to general knowledge in science and science around day to day life.

- 1. For 6th std.-** Science Textbooks of 4th, 5th and 6th std. of Maharashtra State Board and Content related to the above from ICSE, IB and CBSE books
- Approximately 10 % questions on 4th std. syllabus,
 - Approximately 20 % questions on 5th std. syllabus,
 - Approximately 60 % questions on 6th std. syllabus,
 - Approximately 10 % questions on General knowledge in science.

- 1. For 9th std. -** Science Textbooks of VII, VIII and IX std of Maharashtra State Board and Content related to the above from ICSE, IB and CBSE books.
- Approximately 10 % questions on 7th std. syllabus.
 - Approximately 20 % questions on 8th std. syllabus.
 - Approximately 60 % questions on 9th std. syllabus.
 - Approximately 10 % questions on General knowledge in science.

- FEES :** 1. For All regions & All types of schools (With Regular Fee) Rs. 320 per student.
2. For Individual student registration (Students who are not able to register his/her name through school.) Rs. 500/-.

Phases of Competition :-

Phase I : Theory Competition

Phase II : Practical Competition

Phase III : General Interview

Phase IV : Action Research Project Interview

2. STRUCTURE OF COMPETITION & EVALUATION PROCEDURE.

Phase No.	Description of the phase	Max Marks	Duration	Selection Procedure
Phase I	Written Competition : 100 multiple choice questions based on science & General Knowledge in science as per standard	100	90-Min.	<ol style="list-style-type: none"> Selection for phase II - Merit wise Top 7.5% students per per Marathi Medium, English medium (Maharashtra SSC Board, English Medium (All other Boards) will be selected for phase II. They will get Merit Certificate. Remaining passed students will get Passing certificate.
Phase II	Practical Competition : For std. VI : There will be 5 experiments of 6 marks each based on general science.	30	30 min (6 min per experiment)	<ol style="list-style-type: none"> Selection for phase III & phase IV: 30% of the marks obtained in phase I + marks obtained in phase II will be considered.

For std. IX :				
	a) Physics: 1 experiment	10	10 min	b) Merit wise Top 10 % students will be selected for phase III and IV
	b) Chemistry: 1 experiment	10	10 min	
	c) Biology: 10 questions based on 10 specimens	10	10 min	
Phase III	General interview	30	5 to 7 min.	Selection for Medal : Considering 30% marks of Phase I, + Marks of (Phase II+Phase III+Phase IV) a) Merit wise top10% candidates will get Gold Medal, certificate and scholarship of Rs. 3000/- b) Next 60% candidates will get Silver Medal, certificate and scholarship of Rs. 2000/- c) Remaining all candidates will get Bronze Medal, certificate and scholarship of Rs. 1000/-
Phase IV	Evaluation of action research project and interview on action research project.	30	5 to 7 min.	

Other Prizes (Separate trophy in following categories for each region)

1. Dr. Vikram Sarabhai Trophy (Lakshvedhi Gunvatta Puraskar) To School, - For remarkable performance which bags maximum medals.
2. Vidnyan Jattha Trophy (Kamal Sahbhag Puraskar) – To School, For maximum participation.

Registration Process :

1. A student can Register for the competition ONLINE; through school or individually.
2. **Registration through private classes or academy is STRICTLY PROHIBITED.**
3. Students from Semi-English section can go for English or Marathi medium as per their comfort level. Selected medium will remain same for all further stages of the competition. (NO CHANGE IN THE SELECTED MEDIUM IS PERMITTED BY GBSTA).

1. Student Registration Through Already Registered School :

1. Go on to www.msta.in and Click on 'Apply online' for Dr. Homi Bhabha Balvaidnyanik Competition.
2. Login using your last years School Login Id and Password.
3. Edit your school profile. Select **3** preferred centers from the dropdown list.
4. After filling all the details correctly click on 'AGREE AND SUBMIT'.
5. Now Click on Pay Students Fees. Enter no of students. Amount will be calculated automatically.
6. You can order our authentic book for Dr. Homi Bhabha Balvaidnyanik Competition (Price of each book is Rs. 250/-). Put no of books in appropriate box standard wise and medium wise. The amount will be calculated automatically. Books will be posted on your school postal address within 10 working days.
7. Click on PAY NOW. You will directed to Razorpay payment gateway. Choose your payment mode.
8. After paying fees logout and re-login after half an hour & then Click on Add Students to register the students.
9. Add students one by one. Fill all information's correctly.

Note That: You can edit school profile. Students information. You can replace students photo till the last date of registration. Remember that after 10th August you can't edit any information.

2. NEW SCHOOL REGISTRATION

School registration is mandatory for New schools.

1. Go on to www.msta.in and Click on 'Apply online for Dr. Homi Bhabha Balvaidnyanik Competition'.
2. If your school is not registered last year then click on 'New School Registration.'
3. Fill up all the details of school correctly. Don't use any shortform and signs.
4. While filling above information write complete postal address of school with pincode. In case of incomplete address GBSTA will not be responsible for the delay of correspondence.
[Note: certificates will be dispatched on this address only]
5. Select **3** preferred centres from the dropdown list.
6. After filling all the details correctly click on 'AGREE AND SUBMIT'
7. Your login id and password will be sent to you by sms on incharge teachers mobile number and mailed to school through registered email.
8. This login Id and password is unique for each school. But it will be common for all the students (6th and 9th Std.) of same school. Save this login Id and password for further communication.
9. Click on Pay Students Fees. Enter no of students. Amount will be calculated automatically.
10. You can order our authentic book for Dr. Homi Bhabha Balvaidnyanik Competition (Price of each book is Rs. 250/-). Put no of books in appropriate box. The amount will be calculated automatically. Books will be posted on your school postal address within 10 working days.
11. Click on PAY NOW. You will directed to Razorpay payment gateway. Choose your payment mode.
12. After paying fees wait for half an hour & then Click on Add Students to register the students.
13. Add students one by one. Fill all information's correctly.

Note That: You can edit school profile. Students information. You can replace students photo till the last date of registration. Remember that after 10th August you can't edit any information.

Once you get the Login Id and password you have to keep the students list ready in the following format. Also you need to have student's passport size photo (Maximum 2 MB jpg, png, jpeg), students e-mail address and students Whatsapp mobile number for quick and hassle - free registration process.

Sr. No.	Name of Candidate (in Capital Letter)			Gender	Std.	Medium	Whatsapp Mob. No.	Student's Email Address	Birth Date	Student's Photo Image
	Surname	First	Middle							
1										
2										

* After completing registration Click on export to excel.

* Take a print of list of registered students.

* Confirm it from students.

* If any correction then edit option is available till 10th Aug. 2023.

* You can edit school profile. Students information. You can replace students photo till the last date of registration.

* To edit the information of student click on edit option and submit it.

* **Remember that after 10th August you can't edit any information.**

Schools are requested to pay the competition fee online using following instructions & then register your students.

How to pay the competition fee online :

- 1) Collect the fee Rs. 320 per student Keep Rs. 20 per student for School as processing fee for entire competition.
- 2) Pay remaining fees amount online using payment gateway only. Rs. 300 per student.
- 3) Click on Pay Students Fees. Enter no of students. Amount will be calculated automatically.
- 4) You can order our authentic book for Dr. Homi Bhabha Balvaidnyanik Competition (Price of each book is Rs. 250/-). Put no of books in appropriate box. The amount will be calculated automatically. Books will be posted on your school postal address within 10 working days.
- 5) Click on PAY NOW. You will directed to Razorpay payment gateway. Choose your payment mode. **(You can use Net Banking, Debit Card, UPI Apps)**
- 6) Fill all the details.
- 7) Click on 'pay now.'

3) Individual Student Registration :

- 1) Go on to www.msta.in and Click on 'Apply online for Dr. Homi Bhabha Balvaidnyanik Competition'.
- 2) Click on Individual student Registration.
- 3) Put your mobile number in appropriate boxes.
- 4) You will receive OTP on same mobile number. Put that OTP in appropriate boxes to verify your mobile number.
- 5) Fill your (student's) details.
- 6) Upload student's passport size photo and student's school bonafied certificate by clicking on button provided (Size of the Photo: Maximum 2 MB jpg., png. & jpeg.) If you are fail to upload your photo and school bonafied certificate your registration will be considered as incomplete. To complete the process you can login again and follow the same process until you successful.
- 7) You can order our authentic book for Dr. Homi Bhabha Balvaidnyanik Competition. (Price of each book is Rs. 250/-) If you click in the box, the amount will be calculated automatically with courier charges Rs. 50/-.
- 8) Click on PAY NOW. You will directed to Razorpay payment gateway. Choose your payment mode
- 9) Fill Your Account details and click on pay now.
- 10) If your registration is successful it will show on the screen and you will receive sms and email.
- 11) You can login using your registered mobile number and OTP. You can view your registered data.
- 12) You can view your result using same login process.

Note That: You can edit school profile . Students information. You can replace students photo till the last date of registration. Remember that after 10th August you can't edit any information.

IMPORTANT

1. No replacement is allowed in case, if any candidate could not appear (remains absent) for the competition. Fees once paid is non refundable.
2. **'On the spot entries' will not be allowed at any center at any circumstances.**
3. **We ensure that no injustice is done to any student. Please note that no rechecking will be entertained at any stage of the competition.**

Incharge of competition: Shri. Mahadev Yadav - 92213 50354

Shri. Kailas Chavan
President

Shri. Govind Gunjal
Secretary

Shri. Achutrao Mane
Treasurer