

# GREATER BOMBAY SCIENCE TEACHERS' ASSOCIATION

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Reg.No.E12152 (Mumbai) Tel:022-28806995.Email:balvaidnyanik@gmail.com,website:www.msta.in

## Subject: Dr. Homi Bhabha Balvaidnyanik Competition 2021-2022

Dr. Homi Bhabha Balvaidnyanik Competition is conducted by Greater Bombay Science Teachers' Association since 1981 to encourage students to take interest in science, to inculcate scientific attitude and to search science talent in students and motivate them towards basic sciences as well as to clear the scientific concepts among them.

**Who can participate:** - Students studying only in 6th std. and 9th std.

**Medium** :- English and Marathi

( Note :- Students from Semi-English can choose medium either English or Marathi as per their comfort level but once selected medium should be remains same for all the remaining phases of the competition.)

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

Regions :-	Districts
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. AURANGABAD :	Aurangabad, Jalna, Beed, Latur, Osmanabad, Nanded, Hingoli, Parbhani.
7. VIDARBH :	Akola, Buldhana, Amravati, Washim, Yavatmal, Wardha, Nagpur, Bhandara, Gondia, Gadchiroli, Chandrapur .
8. Other than Maharashtra	All states in India.

# SCHEDULE 2021 – 2022

Sr. no	Description	Details
1	Accepting online entry forms (Registration)	Tuesday. 17th Aug. 2021 to Thursday 16th Sep. 2021
2	Accepting online entry forms with late fee Rs 50 per student	Friday 17th Sep. 2021 to Thursday 30th Sep. 2021 @ 5 PM
3	Online Theory competition	Std: 9th (Tentative) Sun. 21st Nov.2021(Slot wise) Std: 6th (Tentative) Sun. 28th Nov.2021(Slot wise)
4	Result of theory competition	Tentative 2nd week of December 2021
5	Online practical competition	Std: 9th(Tentative) Sun. 9th Jan. 2022 Std: 6th(Tentative) Sun. 16th Jan. 2022
6	Result of practical competition	Tentative 1st week of Feb. 2022
7	Submission of action research project report	Tuesday 15th March 2022
8	General Interview	Tentative Sun. 20th March 2022
9	Action Research Project Interview	Tentative Sun. 27th March 2022
10	Online Prize Distribution Ceremony	Tentative Sun. 10th April 2022

**Note: Please note that in view of pandemic situation ( Covid -19), Organizers reserve the right to make change in schedule on any stage of competition.**

Contacts : (for any query of Registration)

- 1) Shri. Kailas Chavan 9029197211
- 2) Shri. Pratap Thorat 9004255387
- 3) Shri Govind Gunjal 9969418890
- 4) Shri. Achutrao Mane 9869634858
- 5) Shri. Shrikant Shingare 9869634765
- 6) Dr.Sanjay Mohite 8169025026
- 7) Smt. Nayana Thorat 9867809686
- 8) Shri Suresh Jadhav 9221047057

# 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.**- Textbooks of 4th ,5th and 6th std. of S.S.C. syllabus and Content related to the above from ICSE ,IB and CBSE books.

**Weightage :-**

- a) Approximately 10 % questions on 4th std. syllabus,
- b) Approximately 20 % questions on 5th std. syllabus,
- c) Approximately 60 % questions on 6th std. syllabus,
- d) Approximately 10 % questions on General knowledge in science.

2. **For 9th std.** - Textbooks of VII ,VIII and IX std of S.S.C. syllabus and Content related to the above from ICSE,IB and CBSE books.

**Weightage :-**

- a) Approximately 10 % questions on 7th std. syllabus
- b) Approximately 20 % questions on 8th std. syllabus,
- c) Approximately 60 % questions on 9th std. syllabus,
- d) Approximately 10 % questions on General knowledge in science

## Date of Online Theory Competition

- a) Std IX: Sunday 21<sup>st</sup> NOV.2021 ( Tentitive )
- b) Std VI: Sunday 28<sup>th</sup> NOV.2021 ( Tentitive )

**Fees:- Competition Fee :- ( per student)**

**Don't deposit competition fee in bank, pay online through gateway only.**

1)Rs. 250 /- For All regions & All types of schools (With Regular Fee)

2)Rs. 400 /- For Individual student registration ( Students who are not able to register his /her name through school.)

## Stages of Competition

**Phase I** :- Online theory Competition

**Phase II** :- Online Practical Competition

**Phase III** :- Online General Interview

**Phase IV** :- Online Evaluation and interview on Action Research Project.

## Structure of stages of Competition

Phase No.	Description of the phase	Max Marks	Duration of exams	Selection Procedure
<b>Phase I</b>	<p><b>Written test :</b></p> <p>100 multiple choice questions based on science &amp; General Knowledge in science</p>	100	90-min.	<p>a. Selection for phase II - Merit wise Top 7.5% students will be selected for phase II. They will get Merit Certificate.</p> <p>b. Remaining passed students will get Passing certificate.</p>
<b>Phase II</b>	<p><b>Practical Test:</b></p> <p>For VI std.: There will be 5 experiments of 6 marks each based on general science.</p>	30	30 min. (6 min per experiment)	<p>a. Selection for phase III - 30% of the marks obtained in phase I + marks obtained in phase II will be considered.</p> <p>b. Merit wise Top 10 % students will be selected for phase III and IV</p>
	For IX std. : a) Physics: 1 experiment	10	10 min	
	b) Chemistry: 1 experiment	10	10 min	
	c) Biology: 10 questions based on 10 specimens	10	10 min	
<b>Phase III</b>	General interview	30	5 to 10 min.	<p>Selection for Medal : Considering 30% marks of Phase I, + Marks of (Phase II + Phase III+Phase IV)</p> <p>a. Merit wise Top 10% candidates will get Gold Medal, certificate and scholarship of Rs. 3000/-.</p> <p>b. Next 60% candidates will get Silver Medal, certificate and scholarship of Rs. 2000/-</p> <p>c. Remaining all candidates will get Bronze Medal, certificate and scholarship of Rs. 1000/-</p>
<b>Phase IV</b>	b) Evaluation of action research project and interview on action research project.	30	5 to 10 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:

- Registration for the competition should be done by online and through school or individually.
- Registration done through private classes or academy will not be considered at any circumstance.
- Students from Semi-English can choose medium either English or Marathi as per their comfort level but once selected medium should be remains same for all the remaining phases of the competition.

**1) New school registration: (school not registered previously)**

**2)) Regular school registration: (school registered previously)**

**3) Individual Student Registration**

**1.New school registration:** If your School is Not registered before

1. Go to [www.msta.in](http://www.msta.in) and Click on ‘Apply online’
2. Click on ‘New School Registration.’ It is mandatory to register your school.
3. Fill up all the details of school correctly. Don’t use any short form and signs.
4. While filing 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. After filing all the details correctly click on ‘submit’
6. Your login id and password will display on your screen and same will be send to you by sms on incharge teachers mobile number and mailed to school on email Id.
7. 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 passed for further communication.

**2) Regular school registration: (School is registered previously)**

1. Go to [www.msta.in](http://www.msta.in) and Click on ‘Apply online’ to Login your School.
2. Use your last year’s login ID & password in ‘School Login’ which will be sent by GBSTA on your registered school E-mail ID & by SMS. Don’t register your School again clicking on ‘New School Registration’.
3. Your School information will be displayed on screen. Make sure and confirm school details. Make necessary changes if required. And click on ‘confirm’ button.
4. Enter no of students. Amount will be calculated automatically.
5. You can order our authentic book for Dr. Homi Bhabha Balvaidnyanik Competition. Put no of books in appropriate box. The amount will be calculated automatically.
6. Click on **Submit** .
7. You will directed to **Gateway of payment** . Choose your payment mode.

8. After paying fees Click on add student to register the students.

Once you get the Login Id and password you have to keep ready the students list in the following format with students passport size photo students e-mail address and mobile number ( Whatsapp ) ( **Size of the Photo: Maximum 2 MB jpg, png jpeg**)

Sr.No	Name of candidate (in capital letter)			Gender	Std.	Medium	Mob. No. of	Email Adress	Photo image
	Surname	First Name	Middle Name	M/F	6/9	Mar/Eng	Parents	student	student
1									
2									

**Don't deposit competition fee in Bank directly. You have to pay fee amount online through our gateway only.**

**You 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. 250 /- per student. Keep Rs. 20/- per student for School as processing fee of entire competition.
2. Pay remaining fees amount Rs. 230 /- per student online using Payment gateway only.
3. Log on to [www.msta.in](http://www.msta.in) and Click on 'Apply online' to Login your School.
4. Use your login ID & password in 'School Login' Click on **add fees** .
5. Enter no of students. Amount will be calculated automatically.
6. You can order our authentic book for Dr. Homi Bhabha Balvaidnyanik Competition. Put no of books in appropriate box. The amount will be calculated automatically.
7. Click on **Submit** .
8. You will directed to **Gateway of payment** .
9. Choose your payment mode (please note that for credit card and wallet, extra service charge may be applicable).
10. Fill up the details and click on **pay now** .
11. For individual registration competition fees amount is Rs. 400 per student. Payment process is same as above.

### **• Student Registration through school**

- 1) Go on to [www.msta.in](http://www.msta.in)
- 2) Click on school Login and enter your Login Id and password.
- 3) Now you can enter the student details one by one by clicking on 'Add student' button.
- 4) Remember that you can fill information of 10 students and submit it at a time.  
No bulk registration.

### 3) Individual Student Registration

1. Go on to [www.msta.in](http://www.msta.in) and Click on 'Apply online'.

2. Click on **Individual student Registration**.

3. Fill your details.

4. Upload students passport size photo and students school ID or Aadhar Card 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 Id/ aadhar card your registration will be considered as incomplete)

5) You can order our authentic book for Dr. Homi Bhabha Balvaidnyanik Competition. If you click on yes, the amount will be calculated automatically with courier charges.

5. Click on **pay now**, you will be directed to **Gateway of payment**.

6. Choose your payment mode (please note that for credit card and wallet extra service charge may be applicable).

7. Fill your A/C details and click on **pay now**.

8. If your registration is successful you will get Login Id & password for further correspondence.

**For individual registration competition fees amount is Rs. 400 per student. Payment process is same as above.**

#### IMPORTANT

1. No replacement is allowed in case, if any candidate does 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.
4. Link for mock test will be provided a week before the actual online theory competition. We recommend that students to give mock test as many as times so that student can get familiar with interface of the competition. Mock test is mandatory.

Contact: The incharge allotted to your region ( Call only between 9 am to 6 pm)

**Contact Numbers of incharge with region**

**1) Mumbai region**

- i) Smt. Amruta Sawant 9167335197      ii) Shri.Mahadev Yadav 9221350354

**2) Thane region**

- i) Shri.Jayant Ghadge 9867906189      ii) Shri.Satish Gholap 9222444171

**3) Pune region**

- i) Shri. Vivek Chavan 9892752824      ii) Shri.Deelip Satpute 9082951645

**4) Nashik Region**

- i)Smt.Nayana Thorat 9867809686      ii) Shri. Sanjay Kanse. 9819176904

**5) Kolhapur region**

- i) Shri. Suresh Jadhav 9221047057      ii) Shri. Vilas Manjalkar 9867359652

**6) Aurangabad region**

- i) Shri. Santram Pawar 7506274117      ii) Shri. Narayan Gite 8108177131

**7) Vidarbha region**

- i)Smt.Meenakshi Mane 9326956498      ii) Shri.Sandeep Shinde 9594161578

**8) Other than Maharashtra region**

- i) Shri. Shrikant Shingare 9869634765      ii ) Dr.Nilima Mulgund 7021397542

**Office Number: 022-28806995**

**Incharge of competition: Dr.Sanjay Mohite**

**Shri.Kailas Chavan   Shri.Govind Gunjal   Shri.Achutrao Mane**

**President**

**Secretary**

**Treasurer**

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