

Vidyarthi Vigyan Manthan 2014-15

National Integration Through Science



Organisers



VIJNANA BHARTI



VIGYAN PRASAR

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VIDYARTHI VIGYAN MANTHAN

Vidyarthi Vigyan Manthan is a national level science education and propagation program for students of 06th class to 11th class through competitive examinations and workshops to identify keen knowledge seekers in Science, with the noble objective of national integration through science.

VIDYARTHI VIGYAN MANTHAN (VVM) HAS FOLLOWING OBJECTIVES

- Educate school children with the knowledge of Science and Technology from tradition to modern with special reference to Indian contribution.
- Conduct competitive tests to identify the bright and creative students.
- Organize different levels of workshops to provide hands on training to students.
- Arrange visit to various R & D Institutions to get exposure to younger generations.
- Identify state and national level successful students and motivating them with prizes & certificates.
- Provide mentors for winning students to carry forward the higher education in the field of science.

The theme subject of this year is **"Energy & Civilization"**.

STRUCTURE OF VVM

VVM shall be a four level process in which each student shall undergo various testing procedures that includes objective type question answering, comprehensive writing, project proposal writing, group discussion- role play, practical examination & oral viva. VVM shall also include visit to reputed national science laboratories and centres and interaction with renowned scientists of the nation for screened students.

WHO CAN PARTICIPATE?

School level students from 06th Standard to 11th Standard can participate from all over India, across all boards and languages. They shall be divided in two groups with different level, as below. The purpose of dividing into groups is just to define and restrict the syllabus for the screening examination. However, merit list shall be prepared only class wise.

Group - A : 06th , 07th & 08th Standard

Group - B : 09th , 10th & 11th Standard

The first and second level screening (state level screening) shall be done through written examination for all students, at state level in the country. Then, state shall conduct state level VVM Camp to identify and select

participant for national level VVM Camp. National science talents shall be selected, from each class in two days exhaustive national level VVM Camp. If number of students are less than stipulated number in any state, at any level of examination, then VVM reserved the rights to merge the two or more states for state level camp or cancel the process in that state.

STATE LEVEL SCREENING

There shall be two papers on same day with 15 minutes break for State Level Screening. First paper shall be Prathama exam and second shall be Dwitiya exam. Details of screening are given in the table.

Answering in state level screening shall be based on Optical Mark Reader (OMR). OMR sheets shall be collected back. Students shall be given a break of 15 minutes between Prathama and Dwitiya exam. Questions shall be both in Hindi & English medium.

Screening Exam Pattern

	Prathama	Dwitiya
No of Questions	80	100
Structure of Questions	Objective type Multiple Choice Questions (MCQ)	Subjective but answers in the form of Multiple Choice Questions (MCQ)
Marks	80	80
Duration	1 hr.	2 hr.

The gist of text material of Indian Contribution to Science & Technology, which covers 40% of total syllabus, shall be published by "Science India" in Hindi & English a popular science magazine in the issues of September and October'2014. The same shall be available for download on the website of Vidyarthi Vigyan Manthan (www.vvm.org.in) and Vijnana Bharati (www.vibhaindia.org).

STATE LEVEL VVM CAMP

State level screening shall identify top 20 students from each class, who will participate in state level VVM camp. So in all maximum 120 (20 x 06 classes from 06th to 11th Standard) students shall appear in state level VVM camp in each state.

NATIONAL LEVEL VVM CAMP

Top 02 students from each class i.e. 12 students from each state shall participate in a two day national level VVM camp. Vijnana Bharati shall make stay and food arrangements for participant in a common hall/halls. In this camp

various activities will be organized through which participants will be selected for final awards. Students selected for the national camps have to bring innovative model/project/chart/experiment. This will be part of evaluation of national camp.

HOW TO PARTICIPATE (REGISTRATION PROCESS)

Any school in the country can register in VVM through online as per the details given on the website : www.vvm.org.in. The registration fees for each school for participating in the VVM is fixed as Rs. 1000/- (Rs. One thousand only) for 60 or less students. They can enrol the students for VVM by charging Rs. 50/- as the registration fees. For every student above 60, school has to pay Rs. 20/- (Rs. Twenty only) per student. The remaining money, collected from the students, can be utilized for conducting Prathama and Dwitiya examination and science club activities.

The amount has to be paid in DD in the favour of VIDYARTHI VIGYAN MANTHAN payable at Indore (M.P.). The same should reach to the Office of National Coordinator, 501, King Apartment, Behind Reliance Fresh, Navlakha Square, Indore (MP), India latest by 31st August, 2014.

Note : Literature provided by organizer is only for reference, students are also advised to consult other literature too.

Important Dates

Events	Date
Last date for registration of participants	30th September' 2014
Prathama	08th November' 2014
Dwitiya	08th November' 2014
Announcement of eligible for state level VVM camp	30th November' 2014
State level VVM camp	18th January' 2015
National level VVM camp	23rd & 24th May' 2015

PRIZES AND AWARDS

VVM offers very attractive and motivating prizes to almost all students who appeared in any process of VVM. However, objective of VVM is not to give prize for only once, but to identify talented science students and mentor them for their bright future in science so they can work and contribute to the Indian Science & Technology more effectively. Details of prizes and awards to be distributed, at every level, have been given below :

S.No. Eligibility**Type of Award**

01	All students who have written Prathama and Dwitiya	Certificate of participation
02	All students who have qualified for Dwitiya	Certificate of merit
03	State level VVM camp participants (20 from each class, so total 120 in every state camp)	Certificate of merit and Gold medal
04	Top 03 students of each class in state level VVM camp i.e. total 18 in each state camp. Top 02 students shall also participate in national level VVM camp.	Certificate, Memento and Gift
05	National level VVM camp participants (12 from each state camp)	Certificate of participation and memento
06	Top 03 students of each class in national level VVM camp i.e. total 18.	Certificate, Memento, Gift and/or cash prize or equivalent as below (in each class): 1st Position: Rs. 31,000/- 2nd Position: Rs. 21,000/- 3rd Position: Rs. 11,000/-

Scheme of Syllabus (Common for all groups)

S.No. Topics	Content Percentage	No of Questions	
		Prathama (80)	Dwitiya (100)
1. Indian Contribution to Science & Technology	40	32	40
2. Energy and Civilization	30	24	30
3. Reasoning & Quantitative Analysis	15	12	15
4. Current Affairs & GK	15	12	15

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Organiser

VIJNANA BHARATI is a national movement in the field of Science & Technology working throughout the country having the largest network of organizations and individuals. Vijnana Bharati has received the prestigious Jawaharlal Nehru Prize from Prime Minister of India in 2006 & National Award for outstanding contributions in Science Communication in 2007 from Union Ministry of Science & Technology. Around 6000 eminent scientists & technocrats as members and hundreds of youngsters are working as volunteers, on the platform of Vijnana Bharati, to propagate science and its applications among students and general public.

Vijnana Bharati is headed by Dr. Anil Kakodkar and Dr. G. Madhavan Nair as Patrons along with Dr. Vijay Bhatkar, Chairman, Board of Governors, IIT Delhi.

VIGYAN PRASAR is an autonomous organization under Department of Science and Technology, Government of India. Objectives of Vigyan Prasar are to take up large-scale science popularization tasks/activities, to promote and propagate scientific and rational outlook, to act as a resource-cum-facility centre for Science & Technology communication. Vidyarthi Vigyan Manthan is being supported by Vigyan Prasar.

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Department of Atomic Energy, Govt of India

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Former Chairman, ISRO, Govt of India

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Padmashri Dr. Vijay Bhatkar

Renowned Computer Architect,
Chairman, BOG, IIT Delhi &
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Dr. V Reich

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		Parthasarathy		
27	Uttar Pradesh	Dr.B.Jha	09454136478	drbjha@in.com
29	West Bengal	Mr.Kalyan Ganguli	9051872254	ganguli.kalyan@gmail.com



Brochure of VVM 2013-14 being released by (LtoR), Prof. D. P. Singh, Vice Chancellor, DAVV, Indore
 HE Dr. APJ Abdul Kalam, Renowned Scientist and Former President of India
 Shri Kailash Vijayvargiya, Minister of Urban Administration, Housing and Environment, Govt. of MP
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