

No. EDN-H (21) F(10) 09/2015-Misc-L  
Directorate of Higher Education  
Himachal Pradesh  
Tel:01772653120Extn.234 e-mailgenbr@rediffmail.com Fax: 2812882

Dated: Shimla-171001 the



To

All the Deputy Director of Higher Education,  
Himachal Pradesh

Subject:- **Conduct of Vidyarthi Vigyain Manthan-2016.**  
Memo:

Please find enclosed herewith a copy of the letter No. HPU/PHY/201 Dated: 02/08/2016 received from the Professor & Chairman, Department of Physics, H.P.U., Shimla on the subject cited above.

In this connection, you are hereby directed to circulate the same to all the heads of institution under your control for taking further necessary action in the matter.

Dr. B.L.Vinta,  
Joint Director of Higher Education (C)  
Himachal Pradesh, Shimla-1  
the August, 2016

Endst. No. Even dated Shimla-171001  
Copy for information and necessary action to:-

1. Mr. Shashi K Dhiman, Professor & Chairman, Department of Physics, Himachal Pradesh University, Shimla-5 w.r.t. letter under reference for information please.
2. The Technical Officer, Directorate of Higher Education w.r.t. upload the same on the departmental website.
3. Guard file

Joint Director of Higher Education (C)  
Himachal Pradesh, Shimla-1



DEPARTMENT OF PHYSICS  
(UGC - SAP, DRS Level-I)  
HIMACHAL PRADESH UNIVERSITY  
SUMMER HILL, SHIMLA - 171005

Chairman  
Prof. S.K. Dhiman

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1626001  
10/8/16

Off. : 0177-2830950  
Fax : 0177-2830775  
E-mail : chairman\_physics.hpu13@yahoo.com

No. - HPU/PHY/201 -

Dated : 2/8/2016

To,

The Director  
Directorate of Higher Education  
Govt. of Himachal Pradesh  
Shimla

Subject: Conduct of Vidyarthi Vigyan Manthan – 2016

Dear Sir,

It is my great pleasure to inform that in a joint venture – National Council of Educational Research and Training (NCERT), Vigyan Prasas Department of Science and Technology (DST) Govt. of India, BrahMos Aerospace an Autonomous Unit of Defence Research and Development Organization (DRDO) and Vijnana Bharati-VIBHA are organising national level talent examination named as - VIDYARTHI VIGYAN MANTHAN (VVM-2016) for students studying from class 6<sup>th</sup> to 11<sup>th</sup> on Sunday, November 13, 2016. The details of the examination provided in enclosed brochure for your information and same details are available on website: [www.vvm.org.in](http://www.vvm.org.in)

Your are requested to upload the information about the conduct of VVM – 2016 on the official website of Directorate of Higher Education and encourage and allow the Principals of all Schools to conduct VVM-2016 in their School premises. The important dates are given in the table

Registrations Closes	30 <sup>th</sup> September 2016
Issue of Hall Tickets	Before 01 November 2016
Date of Examination	Sunday November 13, 2016

With best Regards

Ms. Arushi  
9/8/16

Yours Sincerely

(Shashi K Dhiman)  
Professor & Chairman  
Department of Physics  
Himachal Pradesh University  
Shimla 171005

## VidyarthiVigyanManthan(VVM) (Talent search for future India)

VidyarthiVigyanManthan(VVM) is a national program for educating and popularizing science among the school students of 6th to 11th standard, furthermore to identify keen knowledge seekers in Science. VVM has following objectives:

- Conduct competitive tests to identify the bright and creative students.
- Providing mentors for winning students to carry forward the education in higher level of science.
- Visit to various R & D Institutions to get exposure to younger generations.
- Identifying state level and national level successful students and felicitating them with prizes & certificates.
- Creating interest in pure science.
- Educating school children about Indian contribution in the world of Science and Technology from tradition to modern.
- Different levels of workshops to give hands on training for students.

### Structure of VVM:

VidyarthiVigyanManthan (VVM) is a multi-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 will also include visit to reputed national science laboratories and centres and interaction with renowned scientists of the nation, all this comes for only screened students. The VVM will identify *VigyanJigyasu* (विज्ञानं जिज्ञासु, Keen Knowledge Seeker of Science) at National Level.

### School Level Examination (Prathama and Dwitiya):

First two level consists of two papers on same day with 30 minutes break between the two papers. First paper will be **Prathama(level-I)** and second will be **Dwitiya (level-II)**. Separate examination will be conducted for junior group (class VI to VIII) and senior group (class IX to XI). The structure of question paper is as mentioned below:

	Prathama (Level-I)	Dwitiya (Level-II)
No of Questions	100	50
Structure of Questions	Multiple Choice Questions [1 Marks each]	Subjective Questions with MCQ [2 Marks each]
Marks	100	100
Duration	60 minutes	90 minutes

The syllabus of the examination is as mentioned below:

Content	Contribution		Curriculum
	Prathama	Dwitiya	
Science from text book (Syllabus)	40 % (40 questions)	50 % (25 questions)	NCERT Curriculum
Indian Contribution to Science	30% (30 questions)	20% (10 questions)	VVM Study Material*
Life of Dr APJ AbdulKalam	20% (20 questions)	10% (5 questions)	VVM Study Material*
Logic/ Reasoning/ General Knowledge	10% (10 questions)	20% (10 questions)	General Reading

\*Study material OTHER THAN SYLLABI AND GENERAL KNOWLEDGE will be made available to all registered students in print form, while material is also available on [www.vvm.org.in](http://www.vvm.org.in).

Answer sheet will be Optical Mark Recognizer (OMR) at school level. OMR sheet and Question Papers will be collected back. All the OMR will be brought to state quarters of VVM. Answers of **Dwitiya** will be checked only when a student secure equal or more than 60% (i.e. equal or more than 60 Marks) in **Prathama**. Final merit list to identify participants for State Level VVM Camp would be prepared on the basis of marks in **Dwitiya**. The final result will be declared online on [www.vvm.org.in](http://www.vvm.org.in).

**State Level Camp:**

Top 20 students from each class will be selected i.e. total of 120 students will be selected at state level. Therefore, it is to be noted that each student will compete with the same class student.

The selected students will be invited for one/two day state level camp. The camp will be organised within the state, the venue and other details will be informed to all selected students. One/Two day camp will consist of hands on training, student scientist interaction and third stage evolution through group activities, debate competition, role play etc. Based on the performance, ranking of the students will be done at state level. Top three students from each class will declared as a state winners.

#### **National Level Camp:**

Top two students from each class i.e. total 12 students from each state will be invited to Two Days National Level Camp. These students will go for fourth evaluation process at national level through presentations, viva and leadership quality.

Based on the performance, top 3 students from each class will be declared as National Level Winners of VVM for the year 2016 (Himalayans).

#### **All about the Participation:**

##### **Eligibility**

All students from classes 6<sup>th</sup> to 11<sup>th</sup> studying under CBSE, ICSE & State Boards are eligible to appear in this examination.

##### **Language of the Exam:**

Students can give the examination either in English/Hindi or in their own mother tongue.

##### **Exam Centres:**

The exam will be conducted at various centres across India. The schools which can enrolls more than 50 students will be an examination centre. Registrations begins on July 01, 2016.

##### **Registration:**

All students those who want to appear in VVM should registered by paying Rs. 100/-, however, students from the government schools can get the 50% concession in registration fees (Rs. 50/- per student) with minimum 50 students assurance from individual school.

##### **Mode of Payment:**

No cash will be received as the registration fees. The registration fees can be paid either through cheque or DD in favour of "VVM, Delhi".

Online registration can also be done through website [www.vvm.org.in](http://www.vvm.org.in)

**Don't miss these dates!**

Registrations Open	01 <sup>st</sup> July 2016	
Registrations Closes	30 <sup>th</sup> September 2016	
Issue of Hall Tickets	Before 01 November 2016	
Date of Prathama&Dwithiya:	13 November 2016	
Timing of Examination	Prathama	10:00 AM to 11:00 noon
	Dwithiya	11:30 PM to 01:00 PM
Declaration of Result of Prathama & Dwitiya	10 December 2016	
One/Two Day State Camps	Between 01 January 2017 to 30 January 2017	
Two Day National Camps	On 27 <sup>th</sup> & 28 <sup>th</sup> May 2017	

**Student Awards:**

**Winners of Prathama**

- Certificate

**Dwithiya Winners (20 per Class/State)**

- Memento & Certificates

**State Level Winners (3 per Class/ State)**

- 1<sup>st</sup> Prize: Rs. 5000 Cash Prize, Memento & Certificate
- 2<sup>nd</sup> Prize: Rs. 3000 Cash Prize, Memento & Certificate
- 3<sup>rd</sup> Prize: Rs. 2000 Cash Prize, Memento & Certificate

**National Level Winners (3 per Class) [Himalayan Champs]**

- 1<sup>st</sup> Prize: Rs. 10000, Memento, Certificate & National Educational Visit
- 2<sup>nd</sup> Prize: Rs. 7000, Memento, Certificate & National Educational Visit
- 3<sup>rd</sup> Prize: Rs. 5000, Memento, Certificate & National Educational Visit

**All the winners at all level will be subscribed to monthly newsletter 'Dream 2047' of VigyanPrasar for the recent development in Science and Technology.**

**National Level Winners will be felicitated by the Honourable President of India**

**Mentors:**

**Prof. Anil Kakodkar, Former Chairman of Atomic Energy Commission**

**Dr G. Madhavan Nair, Former Chairman ISRO**

**Dr Vijay Bhatkar, National President, VijnanaBharati**

**Advisors:**

**Dr Hrushikesh Senapaty**, Director NCERT

**Shri Santosh Kumar Mall**, Commissioner, Kendriya Vidyalaya Sangathan

**Shri J. M. Kashipati Jee**, Organizing Secretary, Vidya Bharati

**Dr R. Gopichandran**, Director, Vigyan Prasar

**Controller of Examination:** Prof. Hemant Pandey, Nagpur

**National Convenor:**

Dr Arvind C Ranade, Vigyan Prasar, New Delhi

E-mail: [vvm@vibhaindia.org](mailto:vvm@vibhaindia.org)

Vidyarthi Vigyan Manthan (VVM) is initiated by Vijnana Bharti (VIBHA) in collaboration with Vigyan Prasar, an autonomous organization under Department of Science and Technology and National Council of Education Research and Training, an institution under the Ministry of Human Resources and Development, Government of India.

**Address for Communication:**

Vijnana Bharti

C-486, Defence Colony,

New Delhi 110 024