



Vidya Prasarak Mandal's  
**Maharshi Parshuram College of Engineering**

# Srujan<sub>2014-15</sub>

**Science Competition**  
**For**  
**Polytechnic Students**  
**(Diploma Engineering Students)**  
**23<sup>rd</sup>, 24<sup>th</sup> January 2015**

Vidya Prasarak Mandal's (VPM's) Maharshi Parshuram College of Engineering (MPCOE)

At: Velneshwar, Hedvi Guhagar Road, Taluka: Guhagar, Dist.: Ratnagiri

Website : [www.vpmmmpcoe.org](http://www.vpmmmpcoe.org)

<b>Sr. No.</b>	<b>Content</b>	<b>Page. No.</b>
1	Preamble	3
2	List of organized events (I) Poster presentation competition: (II) Quiz Competition (III) Essay Writing	4
3	Prize/Award	5
4	Rules and Regulations	5
5	Committee members	7
6	Registration Form	8
7	About VPM	9
8	How to reach at MPCOE?	10

## Preamble

Vidya Prasarak Mandal (VPM), Thane has started an engineering college in deeply rural area with state of art infrastructure sprawling over thirty seven acres of land. It is on the verge of becoming one of the best colleges in India. The college is located at Velneshwar near Guhagar, Ratnagiri in the Konkan region. This region is chosen in particular because of its high literacy rate of 75%-80% which is highest as compared to Indian literacy rate of 65.4%. Contrarily, gross enrollment ratio of this region is only 8% to 10% which is well below national average of 12.4%.

On the part of VPM we proudly announce hosting of “SRUJAN” (creativity) on 23<sup>rd</sup>,24<sup>th</sup> January 2015 for Diploma (Engineering) level Science Students to motivate them for higher studies in the field of Science & Technology and develop the research culture in students of rural area. The main goal behind organizing this competition is to change the view of our education society from the examination oriented education to application oriented education. In achieving this SRUJAN will definitively provide a platform to innovative and creative students from urban as well as rural area. The competition will mainly emphasize on science and technology and its applications in our day to day life. With publication of this manual we VPM’s MPCOE cordially invite you to participate in SRUJAN.

## **2.List of organized events**

This competition is divided in three different section. Students of junior college can participate in any event or all .

- **Poster Presentation Competition:**

Poster should depict/reflect current scenario on the chosen subject. Students are requested to prepare a poster on following topic.

1. Technology in everyday life.

- **Quiz Competition**

Quiz competition would be based on 'Energy'. Students are advised to go through links given on [www.vpmmmpcoe.org](http://www.vpmmmpcoe.org). Main objective of this competition is to test the students' ability towards awareness about the energy, its production, use etc.

- **Scientific Model Making.**

In model making students are requested to work on small projects in group/team of 3 to 4 students. They can select any topic relevant to their branch. Scientific model can be based on fundamental concept or its application. A group has to prepare scientific model which gives a cost effective solution. The projects based on innovative ideas are welcome.

### 3) Prize/Award

#### Poster Presentation Competition:

First prize: Rs. 3,000/-, Second prize: Rs. 2,000/-

#### Quiz Competition:

First prize: Rs. 3,000/-, Second prize: Rs. 2,000/-

#### Scientific Model Making:

First prize: Rs. 5,000/-, Second prize: Rs. 3,000/-

### 4) Rules and Regulations:

#### a) General rules:

- The competition is scheduled on **23<sup>rd</sup>, 24<sup>th</sup> January 2015**.
- Details of registration fee are as follow. Registration would **open on or before 13th January 2015**.

Sr. No	Event	Registration Fee
1	Poster Presentation Competition	Rs.150/- (Per Group)
2	Quiz Competition	Rs.150/- (Per Group)
3	Scientific Model Making	Rs.200/- (Per Group)

- Registration fees should be paid by **Demand Draft (DD)/Cheque /cash (Demand Draft (DD)/Cheque to be drawn in favor of Vidya Prasark Mandal, Thane.)**
- The accommodation is made available at **Rs.200 per student per day and Rs. 300 per teacher per day** (inclusive of hostel stay, evening breakfast, tea & dinner).
- The organizers will arrange tea, snacks, and meal on the day of competition.
- The cost of travel is to be covered by participants themselves.
- These competitions are open to students studying in polytechnic (Diploma Engineering) colleges only.

#### b) Poster Presentation Competition:

- Poster should be complete at the time of submission.
- Poster must be maximum of two A2 size drawing sheets (each of size 42×60cm).
- Content of poster and drawing will be given credits. Poster should reflect a visual impact about topic.
- No printed material is allowed.
- The group/team of student should not be more than two. All group members should be able to explain their poster.

c) **Quiz Competition**

- Quiz competition is based on topic 'Environment'.
- For this Competition group should have three members.
- If the number of group exceeds 5, there will be elimination round.
- Final competition will be conducted in 3 stages.

**Stage 1:-**

- Open ended Questions will be asked. For answer multiple choices will not be given.

**Stage 2:-**

- Picture will be shown on the screen.
- You have to describe it on given points.

**Stage 3:-**

- After stage one and two, top three groups will qualify for stage three
- The group with the maximum score will get a chance to select one of the subjects related to theme of Quiz.
- After first group second rank holder will get a chance to select one of the subjects from remaining two and the question will be asked on chosen subject.
- The question will be asked to third rank holder group on remain subject.
- At the end of third stage the group with the maximum score will be declared as the winner.

d) **Scientific Model Making**

- Scientific Model should be based on fundamental principles of you respective Branch/ course or its application.
- For this Competition group should have 3 - 4 members.
- **Abstract should be submitted within 1 week after registration.**
- **Abstract should not be longer than 1 A4 size page.**
- **The short/detailed project report should be submitted at the time of competition.**
- Working prototype of proposed model will be very much appreciated.
- The group/team of student should not be more than four. All group members should be able to explain and exhibit their project work.

## **(5) Committees**

### **Advisory Committee**

- Dr. Vijay Bedekar (Chairman VPM)
- Mr. J. N. Kayal (, VPM)
- Dr. Sudhakar Aagarkar (VPM's AIER, Thane)
- Dr. Kamalakar Desai (Director, MPCOE)
- Dr. Shilpa Kamat (Incharge-Principal, MPCOE)

### **Organizing Committee:**

- Mr. Rohan Gondhalekar (Mathematics) - Mob. 8605442151
- Mr. Avinash Pawar (Instrumentation) – Mob. 9420654554
- Mr. Ganesh Dive (FE & Communication Skills) - Mob. 9527634958
- Mr. Patkar Avdumbar (Chemistry) - Mob. 9767618228
- Mr. Santosh Chaturbhuj (Library Science) - Mob. 9822292366

### **Supporting Team:**

- Mr. Vilas Karre (Civil)
- Mr. Kailas Karnekar (Computer)
- Miss. Bhakti Gangan (Electrical)
- Miss. Vaidehi Karkare (Elect.&Telecom.)
- Mr. Mayuresh Patil (Instrumentation)
- Mr. Balagouda Patil (Mechanical)





# Vidya Prasarak Mandal, Thane Group of Institutions

- Dr. Bedekar Vidya Mandir ( Marathi Medium School)
- Sou. A. K. Joshi English Medium School
- B. N. Bandodkar College of Science
- K. G. Joshi College of Arts
- N. G. Bedekar College of Commerce
- VPM's TMC Law College
- Dr. V. N. Bedekar Institute of Management Studies
- VPM's Polytechnic
- VPM's Advanced Study Centre
- VPM's Polytechnic IT Centre
- VPM's Centre for Foreign Language Studies
- VPM's Department of Defence and Strategic Studies
- VPM's Academy of International Education and Research
- VPM's London Academy for Education and Research
- VPM's Maharshi Parshuram College of Engineering, Velneswar
- VPM's Institute of Distance Education

## About Vidya Prasarak Mandal, Thane (VPM Thane)

Vidya Prasarak Mandal, Thane (VPM Thane) is registered charitable trust working in the field of education in Thane for last 75 years, It is enthusiastically and zealously catering to the basic and advanced educational needs of nearly 1500 students through its Marathi and English Medium Schools, Arts, Commerce, Science and Law Colleges, Polytechnic ,Advanced Study Centre. Institute of Management Studies and It Centre. VPM Thane is now spreading its activities in rural area, which will contribute to minimize the educational imbalance between rural and urban areas.



## Vidya Prasark Mandal

Dr. Bedekar Vidya Mandir,

Vishnu Nagar, Naupada, Thane (W) – 400602

Maharashtra, India

Email : [vpmt@vsl.net](mailto:vpmt@vsl.net)

URL: [www.vpmthane.org](http://www.vpmthane.org)



**Maharshi Parshuram College of Engineering**

Educational Project at Velneshwar by  
Vidya Prasarak Mandal, Thane



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