



**Dr. K.V. Rao Scientific Society**

## **SCIENCE FAIR 2011-2012**

***(A Competition to Promote Creativity  
and Scientific Discovery  
in  
Physics, Chemistry,  
Biology & Mathematics)***

### **Invitation for Applications**

*(from School Students  
of  
7<sup>th</sup> to 9<sup>th</sup>, 10<sup>th</sup> to 12<sup>th</sup> classes)*

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# Annual Science Fair 2011-2012

Dr.K.V.Rao Scientific Society, a not-for-profit organization, has been contributing to the promotion of Scientific Education, for more than a decade. Since its inception in 2001, it conducted various programs at school, college and university levels.

Now Dr.K.V.Rao Scientific Society has come up with another exciting program, **THE SCIENCE FAIR**. A science fair is a competition where contestants present their science project results in the form of a report, display board, and models that they have created. A student decides upon some project and builds an exhibit around it. We believe that Science Fairs are instrumental in promoting creativity and scientific discovery.

*Objectives of **KVRSS SCIENCE FAIR**:*

- Provide much greater appreciation for science by the young minds.
- Present an opportunity for students to apply the scientific method to conduct independent research
- Encourage development of critical thinking skills

**KVRSS Science Fair – 2011-12** is the competition for young minds of Andhra Pradesh, in the fields of Physics, Chemistry, Biology and Mathematics. We invite all the young geniuses to put their mind to some fantastic thoughts and present meaningful projects that properly demonstrate the scientific method. So start imagining and conceptualize amazing projects from the basics of science.

The competition is open to all school students of Andhra Pradesh, from 7<sup>th</sup>-12<sup>th</sup> standard in two Categories (**Category I**: 7<sup>th</sup> to 9<sup>th</sup> Class and **Category II**: 10<sup>th</sup> to 12<sup>th</sup> Class). The projects may be related to any branch of Science and should be submitted either in English or Telugu.

## **CASH AWARDS to WIN**

Projects shall be judged on the basis of proper use of scientific method and thoroughness in their studies and effort and shall be awarded prizes.

- The Winning projects in each Category shall get cash awards (the winning project to get Rs10,000/=, second best project to get Rs. 7500/= and the the third best project to get Rs. 5000/=), Certificate of Award and Dr.K.V.Rao Science Awards at the annual function.
- Overall Best project wins a cash award of Rs.25,000 which the judges would take the onus to take it forward and make it a reality
- Cash awards of Rs.1000/= shall be given to other select projects.
- All entries selected for the competition shall be given participation certificates.

## **Eligibility**

### **The students applying for the competition**

Should be from classes 7<sup>th</sup> to 12<sup>th</sup> (Category I: 7<sup>th</sup> to 9<sup>th</sup> & Category II: 10<sup>th</sup> to 12<sup>th</sup> ) are eligible to apply.

A team may consist of maximum four members only and from the same school.

Students from different schools are not eligible to form a team.

# Invitation for Application

## (from School Children)

The participating team may take the help of a teacher from their respective school. However, the teacher shall not be part of the team but only a guide.

### Evaluation Procedure

#### Preliminary Screening:

The students shall submit an abstract of about 1000 words (in triplicate), either in English or Telugu by 26<sup>th</sup> December 2011.

#### Abstract Submission

Students have to submit an abstract of about 1000 words on the chosen topic which will lead to a problem that the student will wish to research. Students are expected to make a complete study of the topic so that they can design an intelligent and meaningful experiment.

The abstract may be in English or Telugu and signed by both the students and attested by the School Principal with school seal.

A panel of Judges shall recommend the projects for final competition based on the abstract.

#### Final Project Selection

Projects qualified in the preliminary round will be intimated by 31<sup>st</sup> December, 2011.

Final Project Presentation shall be held on 28<sup>th</sup> February 2011 at Hyderabad.

A Panel of judges shall recommend projects for awards.

Projects are evaluated through,

1. **Written Reports**
2. **Display Board, and**
3. **Preseation by students to science fair judges**

**The written report shall include:** Title page, Abstract, Introduction, Literature Review, Experimental procedures, Results, Discussion of results, Acknowledgement of assistance and References.

**Display Board: Is meant for presenting a quick overview of the project. It includes each step of your science fair project: Abstract, question, hypothesis, variables, background research, and so on.**

**Presentation by students :** About the project followed by an interactive question/ answer session with the judges.

#### Note:

**The decision of the panel of Judges is final and binding in recommending the projects for the Awards.**

All the team members should fill the registration form separately.

All out-station teams selected for final project presentation shall be paid to and fro second class travel fare.

# Annual Science Fair 2011-2012

## Registration for Competition

To register for the competition you have to send an email to drkvrss.sciencefair@gmail.com. The email should have the following information:

Passport  
Colour Photo  
with  
Attestation

1. Names of students \_\_\_\_\_
2. Date of Birth \_\_\_\_\_
3. Parent's Name \_\_\_\_\_
4. Class \_\_\_\_\_
3. School Name \_\_\_\_\_
4. The Teacher assisting the Students \_\_\_\_\_
5. Contact Numbers \_\_\_\_\_
6. Address \_\_\_\_\_  
\_\_\_\_\_
7. e-mail IDs \_\_\_\_\_
8. Write-up in triplicate (jointly signed by the students and attested by the Principal with school seal)

## Important Dates to Remember:

Last Date for Submission of Application Form and Abstract for Preliminary Screening	26 <sup>th</sup> December, 2011
Date of Intimation of Preliminary Screening Results	by 31 <sup>st</sup> December, 2011
Date & Place of Final Project presentation	28 <sup>th</sup> February, 2012, Hyderabad

\* All team members may fill the forms & sent it together with the project report.

Contact Address of the Society:  
The Secretary  
Dr.K.V. Rao Scientific Society  
8-2-293/82/A/431/A,  
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