

**ACTIVITY REPORT**  
**DEPARTMENT OF PHYSICS**  
**2013-14**

➤ **Science Essay Writing Competition**

Department of Physics in connection with Science Forum encouraged students to participate in the 25<sup>th</sup> All India Essay Contest on Nuclear Science and Technology conducted by The Department of Atomic Energy, Government of India. 7 Students participated in the essay contest and Soumya B K selected in the preliminary round.

<i>No:</i>	<i>Topic</i>	<i>Name of the Student</i>	<i>Class</i>
1	Nuclear Power-Inevitable Option for Energy Security in India	Reshma R Nadh Soumya B K	II DC Mathematics
2	Applications of Radioisotopes and Radiation Technology in Industry, Health Care and Agriculture	Anjali Ramachandran K Sruthi Laya T R Dishira Ramanan E Lakshmy S	
3	Power Beams in Service of Humanity	Sreeja Santhoshkumar V	

➤ **Talk on Mathematical Thinking and Opportunities in IIT**

A talk on “*Mathematical Thinking and Opportunities in IIT*” is conducted at 2 p.m. on Friday, 30<sup>th</sup> August 2013 by Prof. C. Vijayan, IIT, Madras. After the talk there is a discussion on different courses in IIT after B Sc and M Sc and job opportunities.



### ➤ **Splash 2013**

In connection with *International Year of Water Conservation*, Science Forum and Department of Physics of St. Mary's College organized an exhibition "Splash 2013" on Wednesday, 9<sup>th</sup> October, 2013 from 9.00 A M to 3 P M. The Principal Dr. Sr. Chrislin inaugurated the exhibition at 9 am. All the staff members, non-teaching staff, students of our college and students from the neighboring schools observed the models of different methods of water conservation. The exhibition is a travelogue of how we can conserve water in day to day life.



In addition to Cartoons, Quotes and Poems, a Film show on water conservation is also screened. Most of them recorded their opinion that the exhibition was excellent. ACV News channel, TCV and Newspapers such as Malayala manorama, Mathrubhumi and Deepika reported the event.

### ➤ **St Mary's square Programme**

40 students from St. Mary's School, Chiyaram are invited on 11<sup>th</sup> October 2013 and the students members demonstrated different methods of water conservation in practical life. A documentary film is also screened which explains how water is precious to us. If there is no water, no blue-no green and no life.

### ➤ **Science Quiz on Water Conservation**

In connection with world water day (March 22), the preliminary round of Science Quiz was conducted on Friday, 21-03-2014 as written test. 40 groups participated in the competition and 5 groups are selected for the final round. Selected students are:

1. Veni C K of II Biotechnology and Sowmya B K of II B Sc Mathematics

2. Nicy Joy and Elsa Poly of I B Sc Mathematics
3. Sajitha T S and Jojiya K J of I B Sc Mathematics
4. Manisha A N and Hanna Issac of II B Sc Mathematics
5. Fimi Francis and Aparna Eswar of I B Sc Mathematics

The final round was conducted on 24-03-2014 in the jubilee hall at 12:00 noon. Kum. Sreeja Santhoshkumar V, Kum. Rincy Jose, Kum. Liya T O and Kum Sreelekshmy R of II DC Mathematics assisted the co-ordinators in conducting the competition. The following are the winners:

I Prize – Fimi Francis and Aparna Eswar of I B Sc Mathematics

II Prize - Manisha A N and Hanna Issac of II B Sc Mathematics

III Prize -Veni C K of II Biotechnology and Sowmya B K of II B Sc Mathematics

#### ➤ **SCIENCE ESSAY WRITING COMPETITION**

The Science essay writing competition is organized on 21<sup>st</sup> March 2014 in the physics lab on the topic “Water water everywhere, not a single drop to drink”. Nine students participated and the winners are:

I Prize- Veni C K of II Biotechnology

II Prize- Anita Chris of II DC Mathematics

III Prize – Sowmya B K of II DC Mathematics