

## REPORT OF SCIENCE CLUB ACTIVITY 2016-17

The Sree Narayana College Chempazhanthy was established in memorial obeisance to the great social reformer and seer, Sree Narayana Guru. The College involves in various club activities for the academic excellence and development skills of the students. The Science Club of our college aims to assemble students who share a common interest in science to get together outside of classroom hours. In this setting, classmates can meet to discuss their coursework, organize club activities, or just enjoy a little time away from their busy schedule. Science Club members are also responsible for inviting and introducing seminar speakers. The seminars are often used as a form of extra credit in science classes and represent an ideal way to expose a significant number of our science students to research which applies to what they have learned in science classes.

As part of the activity National Science Day was celebrated on 28th February 2017 to mark the discovery of the “Raman Effect” by the Great Indian Physicist, **Sir Dr. Chandrasekhara Venkata Raman**, for which he was awarded and honoured with the Nobel Prize in Physics in 1930. **“Science and Technology for Specially abled persons”** was the focal theme of 2017 National Science Day. Advancements of Science and Technology have made lives easier and one would even totally rely on technology in the near future. In this case it can benefit the differently abled user group in a much better way. Technology can help all kinds of user group irrespective of their ambulatory conditions or any other impairment. The aim of the programme was to create an awareness and to inculcate creative thinking among our student community on how to make use of science and technological advancements for benefit of the differently abled people .

A proposal for financial assistance was submitted by the Department of Chemistry in association with the Science club, to KSCSTE. On receiving the

intimation regarding the acceptance of the proposal , a meeting of the Science club members and faculty of chemistry department was held on 22<sup>nd</sup> February, 2017. It was proposed to organize a talk by experts, essay writing competition, Oral and poster presentation and release of newsletter. An organizing committee comprising of following members were constituted.

Patron : Dr. L.Thulaseedharan, Principal

Chair person : Dr.V. Bhagvathy, Head of the Department

Programme Coordinator : Dr.S.Suja, Coordinator,Science Club

The following faculty were included as Members:

Dr.S.Suma,Dept. of Chemistry

Dr.Reena Ravindran,Dept. of Chemistry

Dr.A.Abhilasha,Dept. of Chemistry

Dr.Asha.S.Kumar, Dept. of Chemistry

Mrs. S. Sivakala, Dept. of Chemistry

Dr. R. Biju, Dept. of Chemistry

Dr. M. Haripriya Anand, Dept. of Chemistry

Mr. S. S. Vaisakh, Dept. of Chemistry

### **SCIENCE CLUB MEMBERS**

Smt. R. K. SreeLatha, Head , Dept. of Geology

Dr. B. S. Suma, Head, Dept. of Botany

Smt. K. B. Manu Dept. of Physics

Dr. S. Swapna, Dept. of Zoology

Dr. J. S. Nishima, Head, Dept. of Psychology

A detailed budget allocation for the programme was prepared. The layout and content of the brochure, banner and certificates were finalized (Annexure I, II and III).The theme for poster and topics for oral presentations were decided. It was also decided to organize a talk from experts on the focal theme . The

seminar hall of the college was decided has the venue. The programme was sponsored by Kerala State Science Technology And Environment.

### **PROGRAMME SCEDULE(28<sup>th</sup> February)**

- Registration** : **9.00-9.30 a.m.**  
Invocation  
Welcome : **Dr. V. Bhagavathy**  
Head, Dept. of Chemistry
- Presidential Address : **Dr. L.Thulaseedharan**  
Principal,SN College  
Chempazhanthu
- Inauguration : **Shri.S.Radhakrishnan**  
Director,Regional Academy of  
Broadcasting&Multimedia, PrasarBharathi,  
Vazhuthacaud,Thiruvananthapuram

### **Release of Newsletter &CheMag**

- Felicitations: : **Dr.Suma B.S**  
General Coordinator of Clubs
- Dr. Regi S.R**  
Assistant Professor,Dept. of Zoology
- Vote of Thanks: : **Dr. S.Suja**, Dept. of Chemistry  
Programme Coordinator(Science Club)

### **Technical Session 1**

- Keynote Address: **“Science and Technology- Varied Abilities,Extended Horizons”**  
**Shri.S.Radhakrishnan**  
Director,Regional Academy of  
Broadcasting and Multimedia,  
PrasarBharathi,  
Vazhuthacaud, Thiruvananthapuram.
- Vote of Thanks: : **Smt. K.B. Manu**  
Assistant Professor, Dept. of Physics  
Member Science Club

## **Technical Session2**

Topic “Space application of polymer nanocomposites and their characterization”

**Dr. R.S. Rajeev**

Scientist/ Engineer SF  
Polymers and Special Chemicals Division  
Vikram Sarabhai Space Center,  
Thiruvananthapuram

Vote of Thanks:

:

**Dr.R. Biju**, Assistant Professor  
Dept. of Chemistry

**ORAL PRESENTATIONS By Students**

**Valedictory function and prize distribution**

**Poster presentations and Essay Writing Competitions was held on 27<sup>th</sup>  
February 2017**

**About The Programme:**

The inaugural session started at about 10 A.M , by a prayer sung by  
Students of Science club.





**Inaugural Session- Science club student Ms. Sulthana Fehroza compering the programme**

Dr. V. Bhagvathy , Head of the Department of Chemistry welcomed the gathering and all the participants for enthusiastically participating in the program. She explained briefly about the programme details, its purpose and the target benefits to the participants.



**Dr. V.Bhagvathy delivering the Welcome Speech**

The program was presided over by Principal, Dr.L.Thuaseedharan who made a special mention of the chemistry department and science club for organizing this programme and creating an awareness about the importance of observing the day.



**Principal, Dr. L.Thulaseedharan delivering the Presidential Address**

The Programme was inaugurated by the guest of honour Shri S. Radhakrishnan, Director , Regional Academy of Broadcasting and Multimedia , Prasara Bharathi.





Shri S. Radhakrishnan inaugurating the program

He released the special Science News letter published by science club students as well as a quaterly Chemistry News Magazine “CheMag” published by P.G Department of Chemistry



**Release of “CheMag” Chemistry News Magazine**



**Release of Newsletter of Science Club**





**Felicitations by General Coordinator of Clubs of the College Dr. Suma B.S**



**Felicitations by Dr. Regi S.R Assistant Professor, Dept. of Zoology**

Dr.S.Suja, Programme Coordinator thanked all the speakers especially the resource person for inaugurating the programme. She also thanked all the participants for attending the program. She expressed her special thanks to the Kerala State Council for Science Technology(KSCTSE) and Environment for sponsoring the program and providing the financial assistance.



### **Dr. S.Suja giving the Vote of Thanks**

The technical session 1 started soon after a short tea break. The keynote address was delivered by Shri S. Radhakrishnan. His presentations gave an insight of the new perspective about Science which have paved a prim rose

road for the glittering success of the differently abled and how technology has provided them with the latest vehicles for making their journey fruitful.



Shri S. Radhakrishnan giving the Keynote Address





**Students and faculty listening to the talk by the speaker**



**Smt. Manu K.B Assistant Professor Dept. of Physics and Member Science Club expressing the vote of thanks to the resource person**

The technical session 2 started with a talk by the resource person Dr. S. Rajeev, Scientist/Engineer SF, Polymer and Special Chemicals Division, Vikram Sarabhai Space Center, Thiruvananthapuram. His talk was based on the space application of polymer nanocomposites. The talk proved very useful to our students.



### **Dr. S. Rajeev giving the Talk**

Dr. Biju.R, Assistant Professor, Dept. of Chemistry expressed the vote of thanks to the speaker

#### **The various activities carried out as part of the programme were:**

1.ESSAY WRITING COMPETITION: About 27 students participated in the essay writing competition held on 27<sup>th</sup> February 2017. The essay writing was asked to be written in either English or Malayalam based on the theme of the National Science day “ Science and Technology for Specially Abled Persons”.



ESSAY:-

"Science and  
Technology for  
Specially abled  
Persons..."

"ദിനശേഷിക്കാർക്ക്  
വേണ്ടിയുള്ള  
ശാസ്ത്ര-സാങ്കേതിക  
വിദ്യ..."

TOPIC OF THE ESSAY



**Students attending the essay writing completion held on 27-02-2017**

The first and second prize winners were selected by the judging committee .

The expert judging committee were:

Dr.S.Girija Kumari ,HOD of Malayalam

Dr. Manju, Associate Professor in Malayalam

Dr. Suma.S Associate Professor in Chemistry

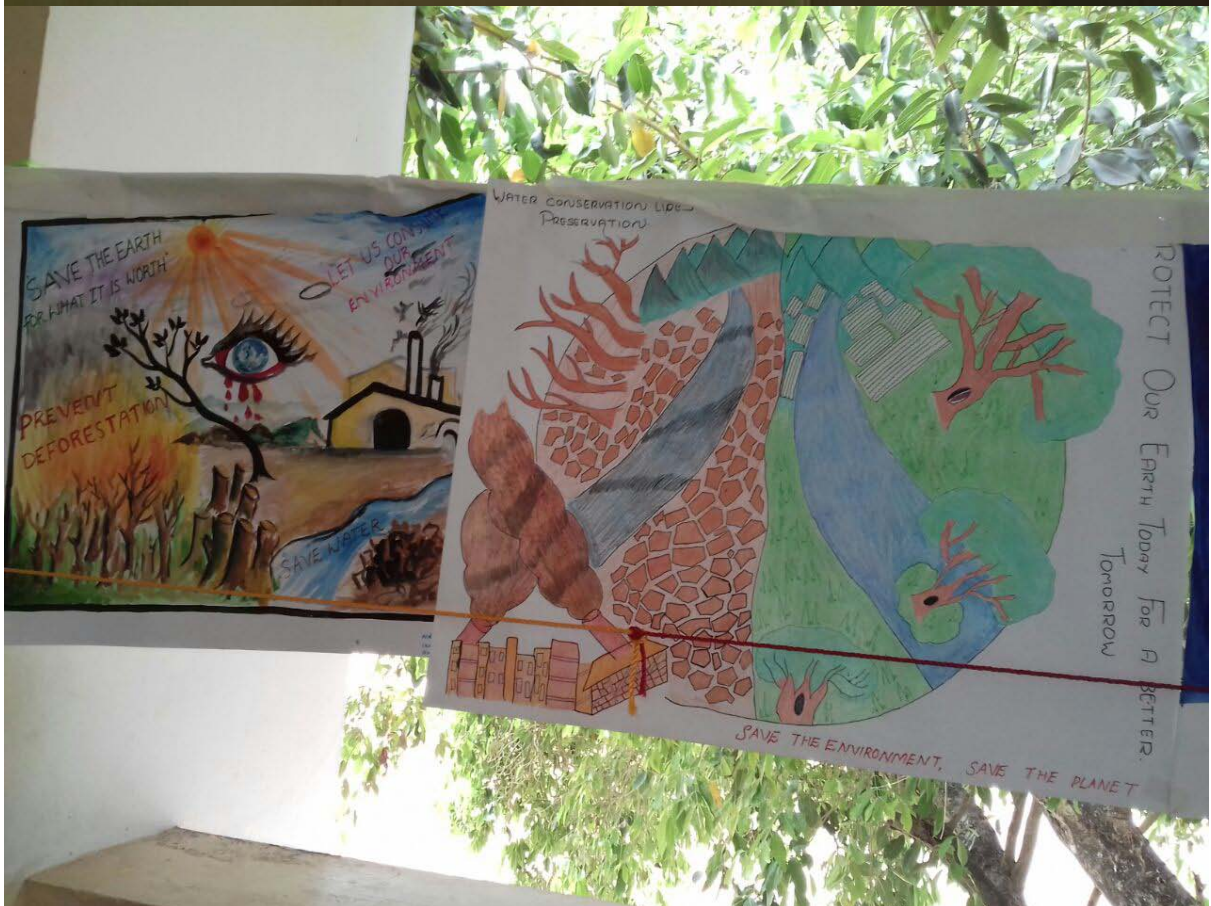
Dr Asha S Kumar,Assistant Professor in Chemistry

Dr Haripriya Anand,Assistant Professor in Chemistry

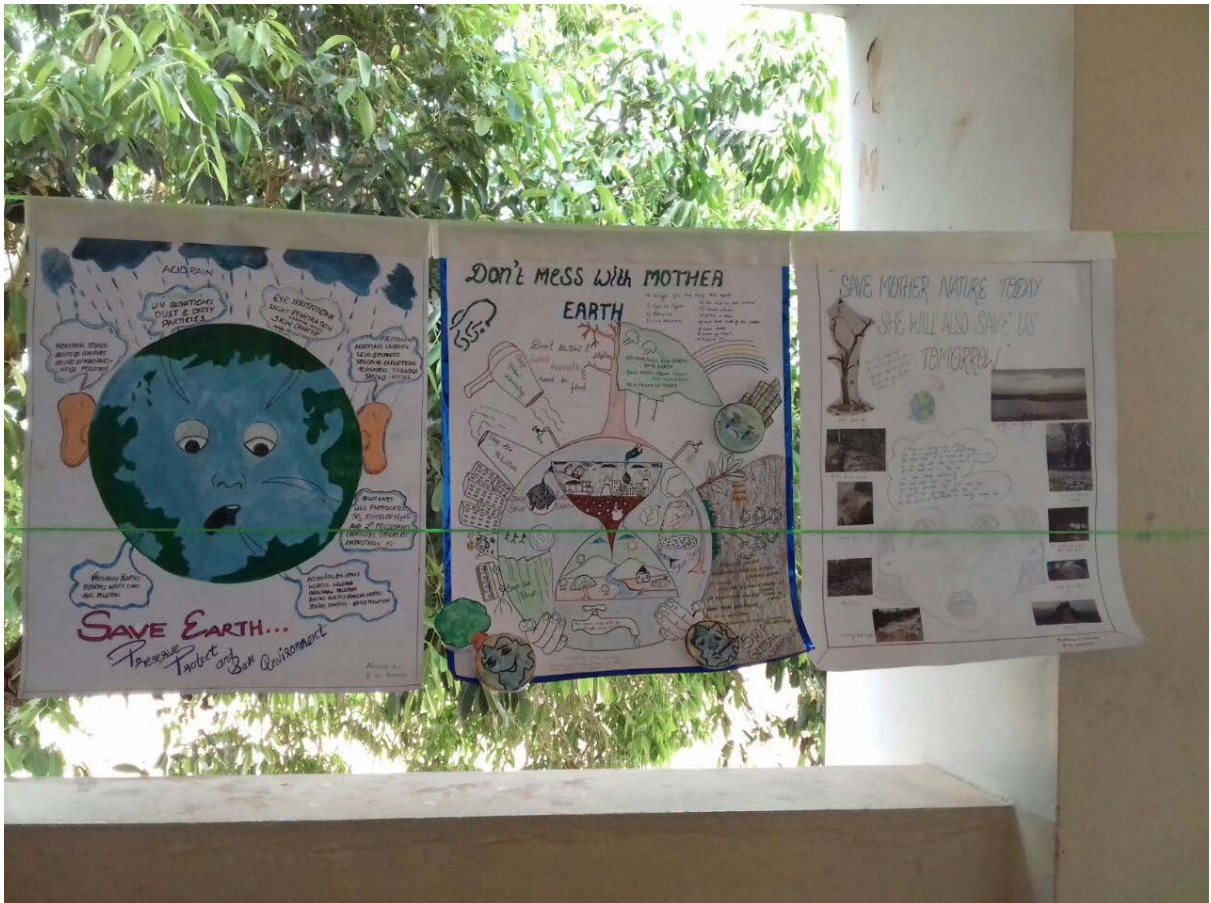
Smt Sivakala .S ,Assistant Professor in Chemistry

The First and Second prize winners were given memento and certificates.

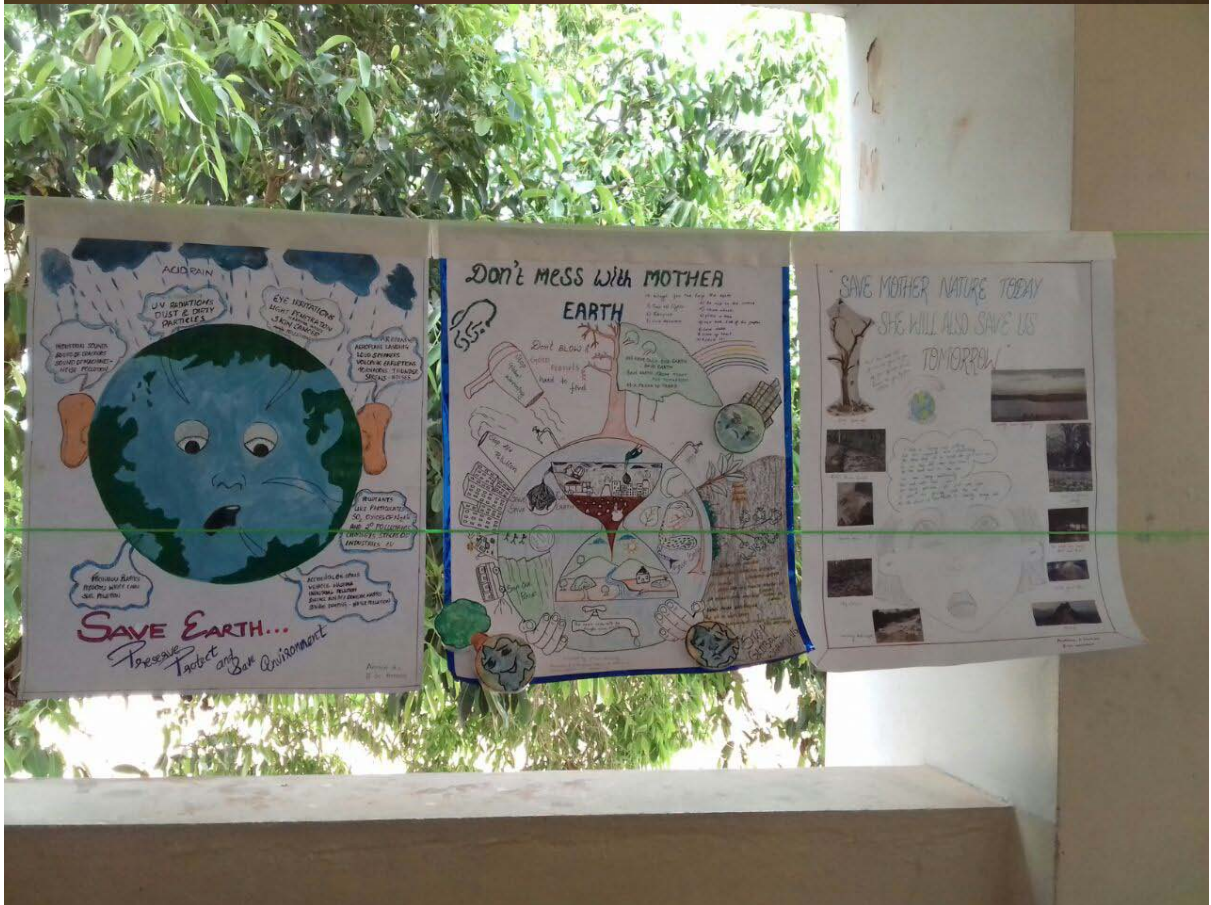
2. Poster Presentation : The added attraction of the activities were poster presentation by students. The posters were based on a theme “Save Environment Save the Planet”











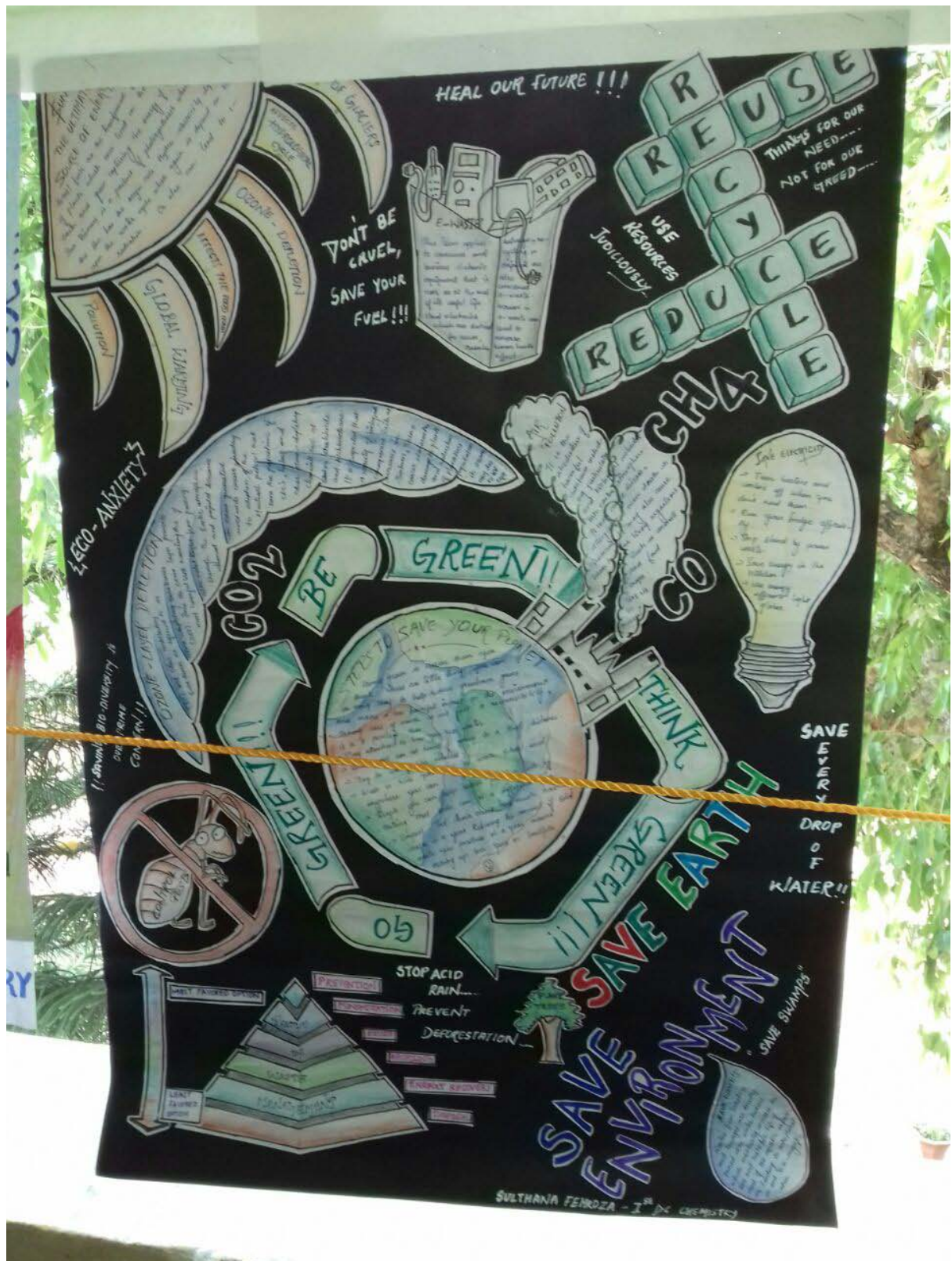
There were presentation from different classes. The posters were judged by the Invited Resource Persons.



**Judges interacting with the students**

The best two poster presentations were given away momentos and certificates.





**Best Poster presentation ranked 1 by the judges**

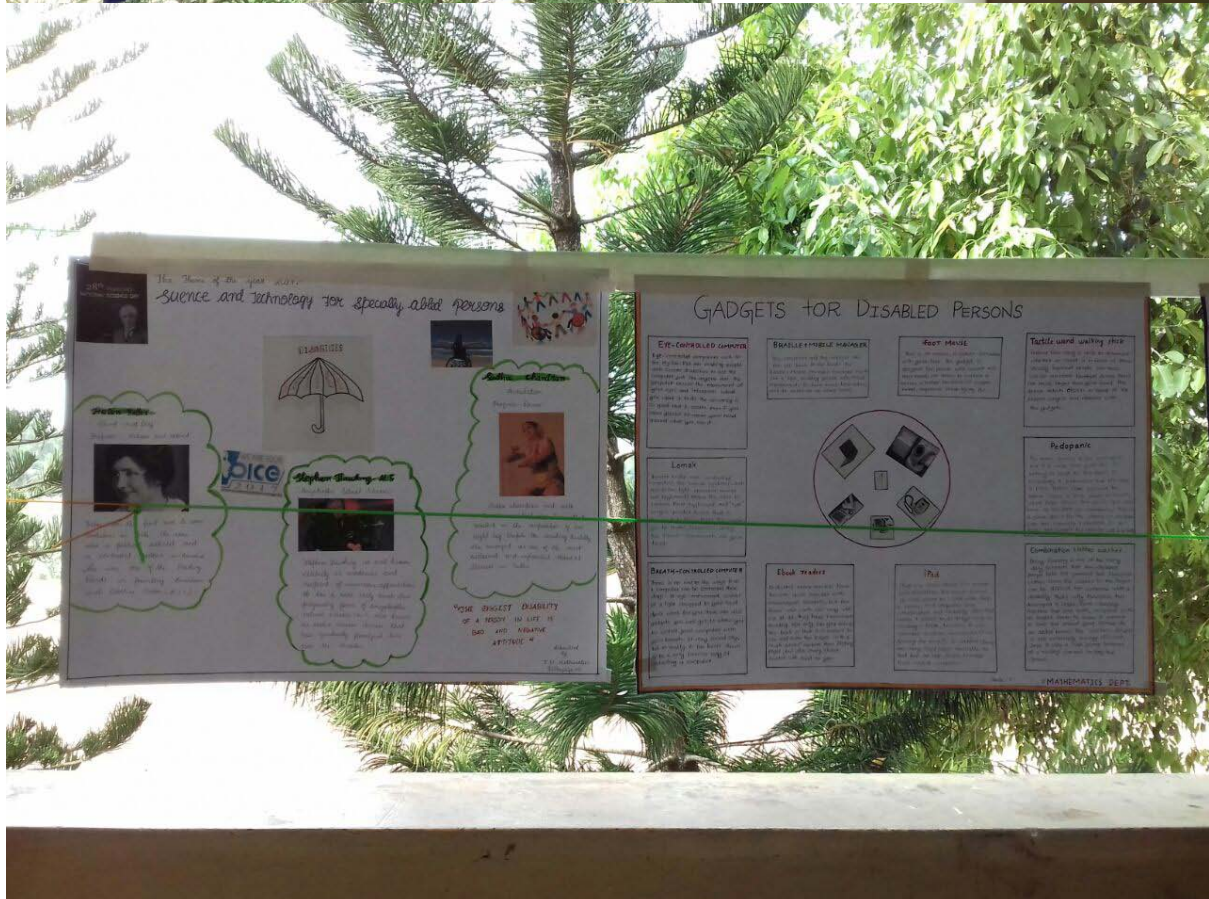
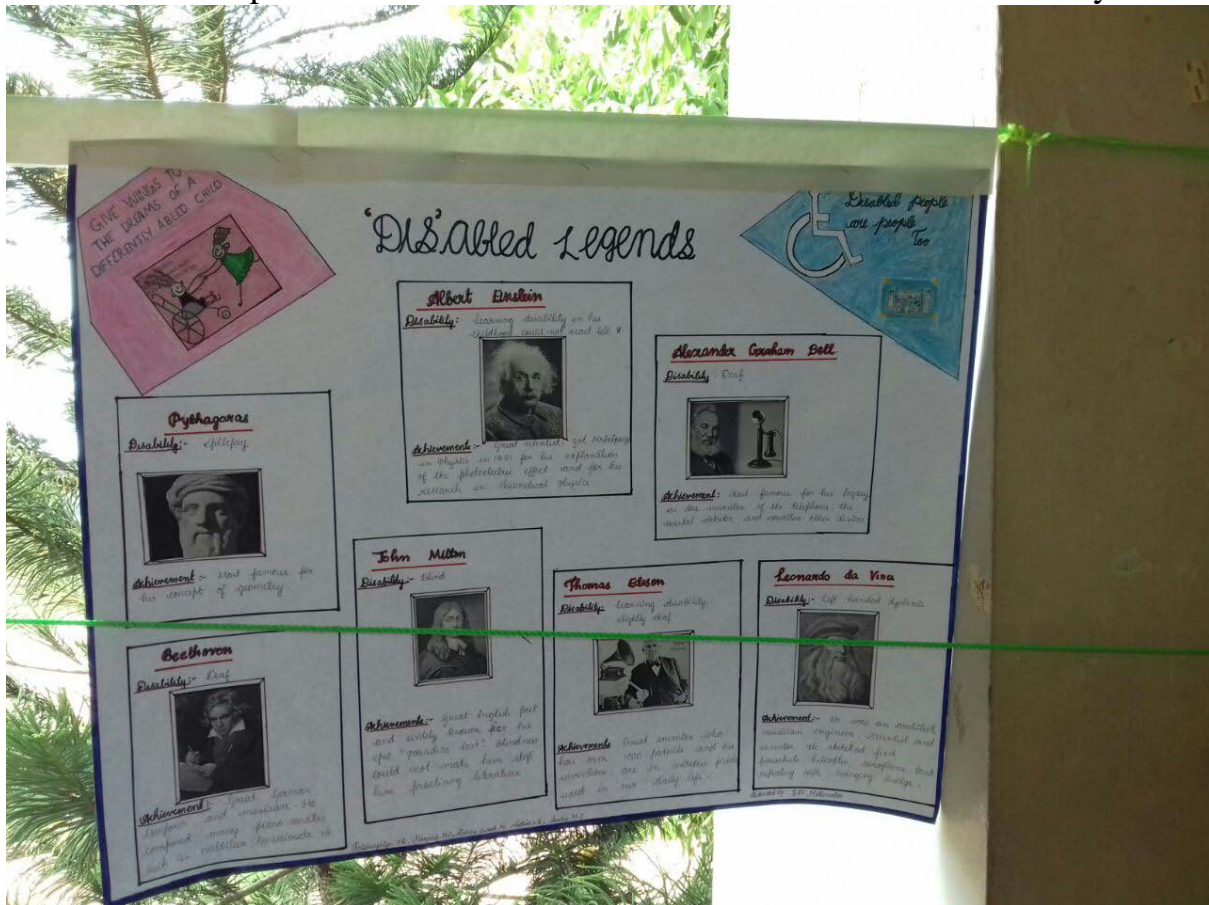




Second best poster



There were also posters based on the focal theme of National Science Day 2017

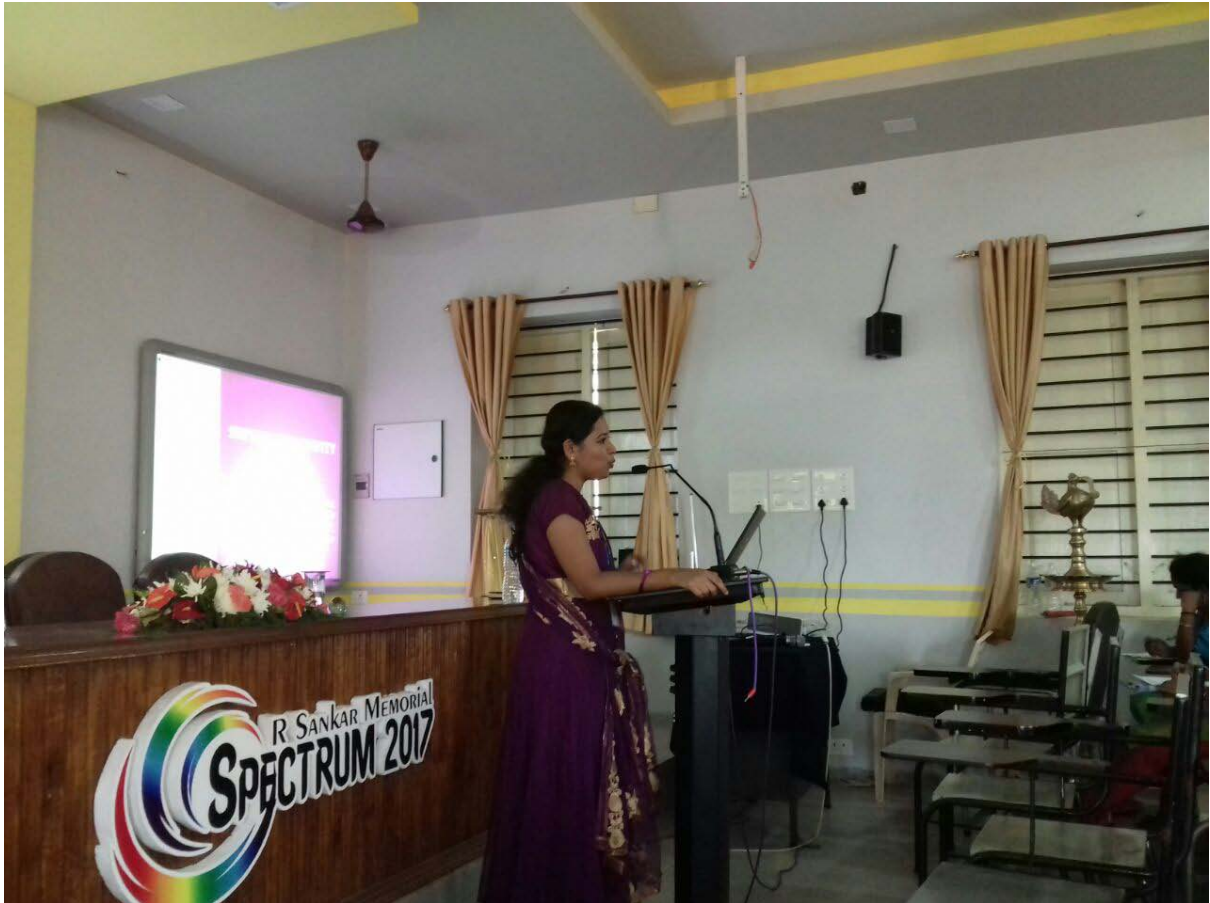


3.The Oral Presentations by students based on latest innovations in areas of Science was yet another activity of the national science day celebrations. About 20 students took part in the presentations.









### **Oral Presentations by Students**

4. A documentary screening was done by a student based on the focal theme of national science day

The prize distribution and certificates were distributed in the valedictory function held next day .The Principal distributed away the prizes and certificates to the winners.







A student receiving a special prize for the documentary screening based on the focal theme.

Over all feed back received from the participants was good.

