

ACTIVITY REPORT

DEPARTMENT OF PHYSICS

2009-10

➤ **Talk on Weather Change**

Talk on “Weather Change (Kalam Thettiya Kalavastha)” by Prof. K R Janardhanan, Retd Professor, Department of Chemistry, NSS College, Nenmara on Wednesday, 16th September 2009.



Talk on “Weather Change” by Prof. K R Janardhanan

➤ **Lecture on Indian Space Programmes**

As a part of the Annual World Space Week, a talk on SPACE RESEARCH by Dr. Deependran B, Scientist, Engineer SF, is organized on 30th September 2009. The lecture

helped the students to increase their interest and awareness about the Indian space initiatives and national commitments. It could motivate the budding minds to take up science, technology, engineering and mathematics research.



Talk on Space Research by Dr Deependran B

➤ **Photographic Exhibition on Astronomy**

A photographic exhibition on Astronomy in association with science forum was held on Friday, 6th November 2009 at the Jubilee hall in connection with the celebration of the international year of astronomy, IYA 2009 to stimulate worldwide interest in Astronomy and Science under the central theme "The Universe, Yours to Discover". The principal Rev. Dr. Sr. Rani George 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 rare photographs of Planets, Galaxy, Comets, Nebula, International Space Station, Space Crafts etc with great wonder. Charts of Astro-glossary, History and

achievements in space research with special mention to India's contribution are included for the general awareness of viewers. Besides Great Astronauts and Indian Astronauts such as Dr. A P J Abdul Kalam, Dr. G Madhavan Nair, Dr. K Radhakrishnan, Junior Astronauts like Jathin Premjith and Hanan Bind Hashim are added to inspire students. Working models of Planetarium, Telescope, Periscope, Angle-Dangle Meter, Different phases of Moon and still model of PSLV are included to have a hands on experience on this subject. In addition to Cartoons, Quotes, Poems Books and CDs related to Astronomy, a Film Show on Astronomy is added to make the exhibition more interesting. Most of them recorded their opinion that the exhibition was excellent. A C V News channel and News papers such as Malayala Manorama and Deepika reported the event.



➤ **Science Essay Writing Competition**

The Science essay writing competition was organized on 19th January 2010 in the physics lab on the topic “Impacts and applications of Nanotechnology in daily life”. Seven students participated and the winners are:

I Prize- Tina K J of III DC Biotechnology

II Prize- Swathy N N of III DC Microbiology

III Prize – Mridula S Raj & Anju A N of II DC Mathematics



Science Essay Writing Competition

➤ **Science Quiz**

The preliminary round of Science Quiz was conducted on Friday, 29-01-2010 as written test. Fifty-one students participated in the competition and ten students were selected for the final round. Selected teams are:

1. Tina K J and Thanseeha P K of III DC Biotechnology
2. Cuckoo Teresa and Ashmita Abdulla of II DC Biotechnology
3. Melji Joseph and Reshma V G of II DC Biotechnology
4. Aswathy A II DC Biotechnology and Chitra T N of I DC Mathematics
5. Shahana K S and Jini Jaison of I DC Mathematics

The final round was conducted on 11-02-2010 in the jubilee hall at 2:30pm. Prof. Govindankutty Menon, Ret. HOD of Physics, Sree Kerala Varma College, Thrissur was the Quiz Master. Kum. Neelima M K of II DC Mathematics and Kum. Jiji Johnson of I DC Mathematics assisted the co-ordinators in conducting the competition. The following are the winners:

I Prize- Tina K J and Thanseeha P K of III DC Biotechnology

II Prize- Shahana K S and Jini Jaison of I DC Mathematics



Science Quiz

➤ **Talk on Raman and Krishnan**

The famous Indian Scientist Dr. C.V. Raman got the Nobel Prize for “Raman Effect” on 28th February 1929 and in honour of his greatest achievements, India celebrate this day as the National Science Day. In connection with this, Department of Physics organized a talk on Raman and Krishnan by Prof. Govindankutty Menon, Ret. HOD of Physics, Sree Kerala Varma College, Thrissur on Tuesday, 16th March 2010 at 1.30 P M in the Jubilee hall. In his talk, he explained the vision and scientific achievements of C V Raman and his student R S Krishnan who is a Keralite. He gave special emphasis to Raman Effect

and Krishnan Effect. Kum. Manita Gabriel of II B Sc Mathematics welcomed the gathering and Kum. Sumitha Mohan of II B Sc Mathematics delivered the vote of thanks.



Talk on Raman & Krishnan by Prof. Govindankutty Menon