

ACTIVITY REPORT

DEPARTMENT OF PHYSICS

2011-12

➤ **Talk and Documentary Film on “Life and Work of MADAM CURIE”**

Science Forum Activities for the academic year 2011-2012 was inaugurated by Dr. Babu, Breakthrough Science Society on Tuesday, 23rd August 2011. It is followed by a talk and documentary film on the “Life and Work of MADAM CURIE”.

➤ **Plastic Expo 2011**

In connection with the plastic ban of Thrissur Corporation, an exhibition on Plastic was held on Wednesday, 28th September 2011 at the Jubilee hall. The Vice-Principal Rev. 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 photographs and models of different grades of plastic with great wonder. The exhibition is a travelogue through the successful history and developments of plastic revolution and gives information about its advantages and disadvantages. It provides ample information about the other materials such as bags made of paper, jute, etc. which can be used instead of plastic.

Sri P V Srinivasan, Health Standing Committee chairman; Smt. Valsala Baburaj, Development Standing Committee chairperson; Prof. Annam John, Councilor; Adv. M K Mukundan, Councilor and Smt. Sarojini, Councilor visited the exhibition and gave their valuable suggestions.

In addition to Cartoons, Quotes, Poems, Books related to plastics, a Film show on plastic is also released. The Film Show on different recycling processes and the disadvantages of plastic 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 Newspapers such as Malayala manorama, Mathrubhumi and Deepika reported the event.



➤ **Seminar cum Discussion on Oxygen Crisis**

A seminar on oxygen crisis is conducted on Thursday, 22nd December 2011 in connection with the aftereffects of ozone depletion due to the increase of industrial products which produces uncontrolled amount of chlorofluorocarbon. The seminar is inaugurated by Sri Anil Akkara, Development standing committee chairman, Thrissur Corporation and presided by Prof. K R Jhanardhanan, Environmentalist and Retd. HOD of chemistry, N.S.S College, Nenmara. The discussion on cause of ozone depletion and its remedies is led by Artist Nandan Pillai, the author of science fiction “Olivia kands Swapnam”. A documentary film on Ozone Depletion by Science Forum is also screened.

➤ **Science Quiz**

Science forum conducted 3 quiz programme sessions for I DC Students on January 16, 18 and 23 from 1.15 PM-3.15 PM. In the final session, a quiz competition is organized in collaboration with Energy Conservation Society (ECS). 218 students participated in the competition and the following are the winners:

I Prize - Reshma Rajan N of I BCA

II Prize - Resmy V of I DC Mathematics

Jayaprabha S of I DC Biotechnology

➤ **Photographic Exhibition on Madam Curie**

In association with Breakthrough Science Society, a Photographic Exhibition on “Biography of Madam Curie” was held on Monday, 13th February 2012 at the Jubilee hall. The Principal Dr. Sr. Rani George inaugurated the exhibition at 9.30 am. Breakthrough Science Society members, staff, non-teaching staff and students of our college were present at the time of inauguration.

The basic objective of the Photographic Exhibition on “Biography of Madam Curie” is to inspire students to the excitement of creative pursuit of science and attract talent to the study of science and thus build the required critical human resource pool for strengthening and expanding the science system.

Marie Curie is an icon in the history of science. As the lone woman in a male world, her life story is almost as groundbreaking as her discoveries. Marie Curie received the Nobel Prize in Physics in 1903 and became the first woman to be awarded a Nobel Prize. In 1911, she was awarded the full Nobel Prize in Chemistry and thus became the first person ever to be conferred the award a second time. The exhibition tries a new approach to the story of Marie Curie.

➤ **Science Essay Writing Competition**

The Science essay writing competition was organized on 13th January 2012 in the physics lab on the topic “Plastic: boon or bane”. Twenty five students participated and the winners are:

I Prize- Meera David of II DC Mathematics

II Prize- Rinnu Francis of II DC Mathematics

III Prize – Mintu Kurian of II DC Mathematics

➤ **Extension Activities**

In connection with the exhibition, PLASTIC EXPO 2011, students of II DC Mathematics students visited to a nearby plastic company on 24th September 2010.

