

ACTIVITY REPORT

DEPARTMENT OF PHYSICS

2014-15

➤ Exhibition on Family Farming

In connection with *International Year of Family Farming*, Science Forum and Department of Physics of St. Mary's College organized an exhibition "Illam Nira" on Tuesday, 25th November, 2014 from 9.00 A M to 3 P M. The Principal Sr. Dr. 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 different stalls. It includes all family-based agricultural activities, Backyard farming, Balcony farming, Biowastes, traditional knowledge, uses and advantages of medicinal plants, vegetables and fruits.



In addition to Cartoons, Quotes and Poems, a Film show on the importance of family farming 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.

➤ **Seminar & Quiz on Nobel Prize Winners**

The aim of this program is the enhancement of student-faculty interactive partnerships to strengthen education. The unique nature of the quiz is the nature of the participating teams which consists of one faculty, one PG student and 2 UG students. The expected outcome of this programme is to develop a research culture in the college that will occur through the close interaction of the faculty with the students by sharing their time, expertise and intelligence.

Seminar



The Seminar & Quiz on Nobel Prize Winners is held on 7th January 2015 which is sponsored by Sopanam, Dr. C V Krishnan & Mrs. Nalini P Krishnan Charitable Trust, Thrissur. The Seminar is from 9.30 am to 11 30 am on the topic “Raman - co

traveller of light and colour” and “Is there a GPS in our brain?” by Prof. V P N Nampoori, Emeritus Scientist, International School of Photonics, Cochin University of Science and Technology. He talks about the life history of Raman, Raman Effect and Raman Research Institute. He also talks about this year’s Nobel Prize in Medicine.

Quiz

The 4 Nobel Prize Winners are selected for the quiz which includes C V Raman, Marie Curie, Alexander Fleming, George Bernard Shaw and Winston Churchill. It is announced in July and the preliminary round is conducted on 7th January 2015. The quiz master is Dr. Jijo P Ulahannan, Assistant Professor in Physics, Maharaja’s College, Ernakulam. 17 Teachers, 19 PG students and 109 UG students of various disciplines participated in the preliminary written test and 6 groups are selected for the final round. The selected groups for the final round are



1 Ms. Neetha C Menon (Faculty) Ms. Theresa V O (M Sc Psychology) Ms. Athira M R (III BSc Microbiology) Ms. Aleena Babu (III BSc Microbiology)	2 Dr. T Geetha (Faculty) Ms. Rinitha M H (M Sc Psychology) Ms. Sreedurga B M (III BSc Chemistry) Ms. Manju Joshy (III BSc Chemistry)
3 Ms. Liji Maliakkal (Faculty) Ms. Athira Krishnan (M Sc Botany) Ms. Athira Haridas (III B Sc Botany) Ms. Blessy Santhosh (II B Sc Botany)	4 Dr. Bincy Joseph (Faculty) Ms. Lakshmi P Pradeep (M.Com) Ms. Neethu K K(II BSc Chemistry) Ms. Bhavya Krishnan(IIBSc Chemistry)
5 Ms. Sruthy Raj (Faculty) Ms. Ann Rose Jacob (M Sc Maths) Ms.Roshni K P(III BCA) Ms.Praseetha Surendran(III BCA)	6 Ms. Manita Gabriel (Faculty) Ms.Denna Davis(M.Com) Ms.Anjali Variyar(II BSc Microbiology) Ms.Rhea Davis (I B Sc Mathematics)

The Winners of final round are:



I Prize - Ms. Neetha C Menon (Faculty), Ms. Theresa V O (M Sc Psychology)
Ms. Athira M R, Ms. Aleena Babu (III BSc Microbiology)



II Prize- Ms.Manita Gabriel (Faculty), Ms.Denna Davis(M.Com),
Ms.Anjali Variyar(II BSc Microbiology), Ms. Rhea Davis (I B Sc Mathematics)



III Prize - Dr. T Geetha (Faculty), Ms. Rinitha M H (M Sc Psychology)
Ms. Sreedurga B M, Ms. Manju Joshy (III BSc Chemistry)