SOLAR ECLIPSE

As a part of celebrating the annular solar eclipse our UG and PG students visited nearby schools and arranged classes related to solar eclipse. We also made arrangements for the public for viewing solar eclipse

The annular solar eclipse started at 8.04AM on 26.12.19, but the necessary arrangements (the dark room set up built with a pin-hole camera within) to capture the annular solar eclipse were done from 6am at the college ground by the MSc students and teachers of the department. The Resource persons from IIST, as promised earlier, reached the venue by 7AM to make the arrangements to view the eclipse, by projecting the captured image of the sun on a big screen.

By 7.30AM, public started to reach the venue to view the same, and by 7.45AM we could get a clear view of the sun on the screen. The various phases of the eclipse could be seen on the screen, and at the same time, Dr. Sarita Vig (IIST) explained in detail about the same. She also described about eclipses in general, why one should not view the eclipse through naked eyes, and so on. As there was public involvement, so as to make clear the phenomenon happening, everything were correspondingly translated for them. By 9.27AM, the annular solar eclipse reached its maximum, and we could see the "rings of fire" on the screen. The view was so beautiful and serene.

In order to abandon the various mis-conceptions, and superstitions in relation with the solar eclipse, we distributed "PAYASAM" at the peek time of eclipse. By 10AM we put a closure to public event.

OZONE DAY CELEBRATIONS

The Inaugural function started at 10.00am with the welcome address of Smt. Preethi Rajan M K, HOD of Physics. The function was Chaired by Dr. Sreenivas P C, Principal, Payyanur College and was inaugurated by Dr. Manoj K, HOD of Environmental Studies, Kannur University. Ramachandran Master, President, PES and Dr. Santhosh V. M, Coordinator, IQAC delivered the felicitations. Mr. Vinodkumar T, Assistant Professor of Physics expressed the vote of thanks.

Morning Session included two talks:

- 1."32 Years and Healing" by Dr. Manoj. K
- 2."Semiconductor based Nanomaterials for Environmental Applications" by Dr. Baiju K Vijayan

There were a total of 130 participants. A poster competition, based on the theme 32 Years and Healing, was held in the afternoon. Botany Department bagged the first prize. Zoology Department and Physics Department got second and third prizes respectively.

Insights 1.0 - International Webinar series on Physics

During the tiresome lockdown period, the Department of Physics conducted a webinar series by including the talks of some eminent scholars from different parts of the world. The first session commenced on 21st May 2020, and the second session was on 22nd May 2020. As per the convenience of the speakers the third and the fourth sessions were on 30th May 2020 and 31st May 2020 respectively. The webinar was attended by 100 participants plus 4 hosts/presenters. The objective of the webinars served both to disseminate the knowledge and to gather feedback and inputs on such activities and improvements for such future programs. As the core participants were decided to be the UG and PG students of various colleges, the topics were selected in such a way that the students will be well benefitted and they would come to know the recent trends in modern science. The webinar was inaugurated by our beloved Principal, Dr. Premachandran Kezhoth.

The speakers were,

- 1. Dr. Navaneeth P, Post-Doctoral Associate, Lowa state University, USA
- 2. Mr. Nithin Thomas, Research Scholar, University of Rogensburg, Germany
- 3. Dr. Najeeb P K, Post Doctoral Fellow, Stockholm University, Sweden
- 4. Dr. Libu Manjakkal, Research Associate, University of Glasgow, UK









