

Solar eclipse Observation for the public

Organised by NSS on 25/12/2019

A solar eclipse occurs when the Moon passes between Earth and the Sun, thereby obscuring Earth's view of the Sun, totally or partially. Such an alignment coincides with a new moon, indicating the Moon is closest to the plane of the Earth's orbit. In a total eclipse, the disk of the Sun is fully obscured by the Moon. Under the guidance of Dr. Nijo Varghese, HOD, Physics Department of Sacred Heart College, the NSS volunteers, especially the students from the B.Sc Physics batch arranged a free viewpoint of the solar eclipse for the public on 25/12/2019.

Rev. Dr. Reena Ittyachan inaugurated the programme. Sr. Meritta (Head Mistress, St. Paul's LP School) and Sr. Ann Joseph also participated in viewing the solar eclipse at the camp. The activity was done by placing the eclipse glasses, standing still and covering the eyes with the eclipse glasses before looking up at the bright Sun. After looking at the Sun, they had to turn away and remove the filter. Different types of telescopes, filtered goggles, mirror projectors and pinhole cameras were made available to view the solar eclipse.



Rev. Dr.Sr. Reena
Ittyachan, Sr. Meritta
(Head Mistress,
St.Paul's LP School),
and the public actively
participating in the solar
eclipse observation
camp at
Thuruthiparambu



The NSS Volunteers involving in the Solar Eclipse Observation activity at St.
Paul's LP School, Thiruthiparambu.



Rev. Dr. Sr. Reena Ittyachan, Dr. Nijo Varghese, Ms. Fency K.F, NSS volunteers and the public cutting the cake for the Inauguration Ceremony.



The telescope, mirror projector and pinhole cameras were used for the Solar Eclipse Observation.

List Of Students volunteered:

Organised by : National Service Scheme

Date and Venue: 25/12/2019 , Thiruthiparambu.

Duration of the Programme : 4 Hrs

Targeted Audience: NSS Volunteers and citizens of Thiruthiparambu

Sl. No.	Name of the Student	Department & Class
1.	ALVISHA I.A	BSC PHYSICS
2.	SALMA JASMINE M.B	BSC PHYSICS
3.	PARVATHY K.S	BSC PHYSICS
4.	ANITTA MATHEW	BSC PHYSICS
5.	ASWATHI.P	BSC PHYSICS
6.	ARSHANA K.N	BSC PHYSICS
7.	SHILPA JOHNSON	BSC PHYSICS
8.	GOURY.S	BSC PHYSICS