## DEPARTMENT OF PHYSICS & SCIENCE FORUM

## 2022-23

## > Invited Talk on Mathematics & Physics of Weather & Climate Change

In collaboration with Kerala Sastra Sahithya Parishad, Science Forum & Department of Physics organised a talk on Mathematics & Physics of Weather & Climate Change by Dr. Baby Chakrapani, Professor, Department of Atmospheric Sciences, CUSAT on 8 February 2023 from 10 am -11.30 am at St. Joseph's Seminar Hall. Climate change is the biggest challenge our planet faces today. He explained the importance of mathematics and physics in the study of atmospheric science and the weather forecasting. He explained the importance of mathematical modelling in the weather forecasting. This talk provides an introduction to climate change, the fundamentals of climate models, as well as the challenges mathematicians face in bridging the gap between science and and in developing public understanding.



## > Exhibition – SPACEGALA 2023

In connection with *National Science Day*, Science Forum and Department of Physics of St. Mary's College organized an exhibition "**SPACEGALA 2023**" on Tuesday, 28<sup>th</sup> February, 2023 from 9.00 A M to 3 P M. The Principal Dr. Sr. Magie Jose 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 models of solar system, rockets, satellites, comets and International Space Station. 3D view of planets is of special interest of the exhibition. Many chart works representing all the ISS Scientists were also presented. Many students from other schools visited us and had clear their doubts and queries about space. Students concentrated in making telescope so as to explore the space.

In addition to these models, Cartoons, Quotes and Poems related to space are made. Most of them recorded their opinion that the exhibition was excellent. ACV News channel reported the event.



