



**S N BOSE NATIONAL CENTRE
FOR BASIC SCIENCES**

Block JD, Sector III, Salt Lake, Kolkata 700 106

DEPARTMENTAL SEMINAR

Astrophysics and Cosmology

26th April, 2022

11.30 am

FERMION / ONLINE

SPEAKER

Prof. Padmakar Singh Parihar
Professor, Indian Institute of Astrophysics, Bangalore

TITLE OF THE TALK

**TOOLS AND TECHNIQUES FOR CHARACTERIZING A NEW
ASTRONOMICAL OBSERVATORY**

ABSTRACT

Deciding a suitable place for setting up a new astronomical observatory is one of very important task and it should be done with a great care. The economy as well as scientific productivity of any upcoming observatory will highly depends on many site specific parameters having different weighting factors. Well before embarking on the task of setting up an observatory, a thorough exploration of few potential sites by making use of variety of instruments, mostly custom built are required. In my presentation I will explain the tools and techniques used to characterized any astronomical site. I will also briefly present few instruments which we designed, built and operated to explore trans-Himalayan regions for India's proposed large Optical-NIR telescope.

HOST FACULTY

Dr. Ramkrishna Das

Associate Professor & Seminar Coordinator, Astrophysics & Cosmology
