



Astronomy Club of
Pondicherry University

Cordially invites you for

An

Invited Talk

On

"Low light level detectors in Astronomy"

By

Mr Arvind Paranjpye

Director

Nehru Planetarium, Nehru Centre, Mumbai

On

Friday, 17th October 2014

at

3:30 p.m.

Raman Seminar Hall, Department of Physics

Abstract

Astronomy is that science where the one who seeks to solve mysteries of nature is limited by what little the nature has to offer. The study of astronomy is limited by that little source of light we get from the heavenly bodies. Astronomers can only be the observers. They have no control, what so ever, over the processes governing the experiments. And unlike in other scientific studies astronomers cannot repeat any observation and nor can they touch their 'sample' (barring a few exceptions of course). But by carefully observing astronomical events, by making highly accurate instruments for observations, by developing sophisticated mathematical tool and then using power of deduction mankind has tried to explore the region
"Where No Man Has Gone Before".

In this talk we will take a few example from past to present to express this very process of development of astronomical studies. I will also talk about how using simple instruments amateur astronomers and college students can contribute to astronomical studies.

About the speaker

Presently Director of Nehru Science Center, Mumbai, he was one of the **first Indian to discover a new asteroid** that was named 4130 *Ramanujan* in 1988 for which they were awarded Astronomical Society of India medal. Later on they discovered one more asteroid, on January 23, 1990, **17446 Mopaku which partly bears his name**.

He has been Officer for Science Popularization of IUCAA before joining as Director Nehru Science Centre Mumbai. He has been writing columns on sky watching and astronomy, Q&A for the Times of India, Loksatta and Tarun Bharat and have written large number of articles in Marathi and English. Besides he has also been hosting science show on Doordarshan and All India Radio.

Dr Alok Sharan
Faculty Coordinator, Astronomy Club of Pondicherry University