



Physical Research Laboratory, Ahmedabad

Colloquium 17-14

- Speaker:** Mr. Satishchandra C Wani
TeamIndus , Thermal Control System
- Title:** “TeamIndus GLXP Mission”
- Time:** Wednesday, 26 April 2017, 16.00 hrs.
- Venue:** K. R. Ramanathan Auditorium, PRL

Abstract

TeamIndus, is the only Indian participant for GLXP mission and is a strong contender amongst final four international teams. By participating in this mission, TeamIndus, a private space company, shall attempt to land on the moon, and be the fourth in the world after US, USSR and China. This presentation gives an overview of the mission and the different subsystems of the GLXP spacecraft. The competition requires travel on Moon’s surface for 500 m and transmission of high definition images and video to the Earth. To achieve this TeamIndus is also sending a Rover on its spacecraft. The talk shall also discuss many interesting challenges in the path of achieving the moon-shot. Apart from the mission TeamIndus believes in engaging people through its many interesting engagement program viz. Lab2Moon, MOONSHOT Wheels, Million2Moon et al that also shall be briefly touched upon during the presentation.

The Speaker

Mr. Satishchandra C Wani, TeamIndus – Jedi Knight, is associated with TeamIndus for the last two years. He heads the “Thermal Control System” and is looking after Thermal Design, Analysis, Testing and Implementation activities. He has been pursuing challenges in the field of Satellite Thermal Control, Electronics Cooling and Electrical Thermal Analysis for the last 16 years. Before TeamIndus, he was with “Delphi” working on thermal issues related to Automobile Electronics. During his tenure at the Indian Space Research Organization, he has made significant contributions in evolving Thermal Design for “Chandrayaan-1”, India’s first satellite to Moon. Satish has completed his Masters in Mechanical Engineering from the College of Engineering Pune and to date has 9 National and International technical publications.

Tea at 15:30 hrs.

ALL ARE WELCOME

