Jawaharla Nehru Planetarium
Bangalore Association for Science Education

Workshop on
'Space Science'

A one-day workshop on 'Space Science' for high school teachers of science will be conducted by J N Planetarium on Oct 4th, 2018. Lectures by Prof. P J Bhat, ISRO, Prof. M B Rajani and Prof. Asmita Mohanty of NIAS have been arranged.

Eligibility: Science Teachers
Date: 4th October 2018
Venue: Jawaharla Nehru Planetarium, Sri. T Chowdaiah Road, High G rounds, Bengaluru - 01
Time: 10:30 am to 3:30 pm
No. of participants: 30 - on a first-come-first-served basis
Fee: Rs.250/- per head

A box talk will be followed by a special lecture
‘Fruit Flies in Space: Relevance to Astronaut’s Health!’
by
Dr. Ravikumar Hosamani
Assistant Professor, Department of Biotechnology
University of Agricultural Sciences, Dharwad

Abstract: Fundamentally, all living organisms are evolutionarily adapted to Earth’s gravity. Reduced gravity or microgravity has an adverse impact on organism at various levels such as on molecules, cells, tissues and organs. We still need to extensively understand the ill effects of microgravity and outer space environment on human health. Research data suggests that living in a confined microgravity environment of International Space Station (ISS) for few weeks will have significant impact on the astronaut’s health. In my talk, I am going to highlight some of the spaceflight experiments we carried out at NASA Ames on the International Space Station employing fruit fly (Drosophila melanogaster) as a model organism for better understanding the astronaut’s health in space.

*ALL ARE WELCOME*
Interested ones must register over phone or by email – info@taralaya.org. Further details may be obtained from Jawaharlal Nehru Planetarium on 2237 9725 / 2226 6084 Or visit our website: http://www.taralaya.org/announcements.php

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