



**PALE BLUE DOT 2- IIT PALAKKAD PUBLIC LECTURE
SERIES**



INDIAN INSTITUTE
OF TECHNOLOGY
PALAKKAD

INTRODUCTION

Pale Blue Dot is the Public Lecture Series that IIT Palakkad organises jointly with the Palakkad District Library and Unnat Bharat Abhiyan. The series features eminent professionals and academicians engaging with the general public on a wide range of topics in science and technology. The confluence of cultures that characterises this border region is the perfect locale for a regular assemblage of intellectually stimulating interactions, encouraging us to question the known and explore the unknown. As a young institute, we look forward to participating in, learn from, and contribute to the vibrant intellectual and cultural life of this region and we consider the lecture series to be a step towards that.

PALE BLUE DOT 2

The second lecture in the Pale Blue Dot - IIT Palakkad Public Lecture Series was delivered by Dr. Madhavan Nair Rajeevan, Secretary, Ministry of Earth Sciences, Government of India, yesterday at 5.00 PM at the Surya Resmi convention Centre, Palakkad. Dr. Rajeevan spoke on "Global Climate Change: Causes, Concerns and Commitments". The District Collector Shri D. Balamurali, IIT Palakkad Director Prof P. B. Sunil Kumar, Secretary of District Public Library Shri T. R. Ajayan was among the esteemed guests of the evening. The talk took the audience through the basic physics of climate change, past and future climate change scenarios, the impact of climate change and how climate models are used. The long-term climate trends across/over Kerala and particularly the Western Ghats and the recent extreme weather events in the state, including the 2018 and 2019 floods were discussed. He explained some interesting studies which have attempted to bring out the attribution of environmental phenomena to climate change. The impact of climate change on Health, Agriculture, Water, Energy and well being was touched upon by the speaker. Dr Rajeevan was felicitated with a token of honour by the District Collector towards the end of the event.

