



**Online Mode**

# National Science Day Week

**21-28**

**Feb  
2022**

**Public Talks of the Day**



**25 February 2022 – Friday**

<b>Time</b>	5 PM - 6 PM; 25 February 2022	
<b>Title</b>	<b>Thirty Meter Telescope (TMT) and India's role in its development.</b>	
<b>Speaker</b>	<b>Prof. G. C. Anupama</b>	
<b>Abstract</b>	The Thirty Meter Telescope (TMT) will be the world's most advanced and capable ground-based optical, near-infrared, and mid-infrared observatory. It will integrate the latest innovations in precisions control, segmented mirror design, and adaptive optics. The TMT project is an international partnership between CalTech, Universities of California, Canada, Japan, China and India.	
<b>About the Speaker</b>	<ul style="list-style-type: none"> <li>Formerly Dean and Senior Professor at Indian Institute of Astrophysics (IIA), Bangalore.</li> <li>A core member of the India TMT Coordination Centre (ITCC)</li> <li>She was the president of Astronomical Society of India (ASI)</li> </ul>	

<b>Time</b>	3.30 PM – 4.30 PM; 25 February 2022	
<b>Title</b>	<b>Aditya L1 - India's first dedicated space mission to study the Sun.</b>	
<b>Speaker</b>	<b>Dr Sreejith Padinhatteeri</b>	
<b>Abstract</b>	The Sun is a very special star for us, the Earthians. ADITYA-L1 is an upcoming space-based solar observatory of the Indian Space Research Organisation (ISRO). The satellite, having seven different scientific instruments, will be placed in a halo orbit around the first Lagrangian point (L1) of the Sun-Earth system. In this presentation, I will be talking about some of the unanswered mysteries of the Sun, how does it affect the Earth, and how ADITYA-L1 will be a game-changer in our efforts to understand the Sun and its direct impacts on Earth's space weather.	
<b>About the Speaker</b>	<ul style="list-style-type: none"> <li>Asst. Professor, MCNS, MAHE</li> <li>Project Scientist, Solar Ultraviolet Imaging Telescope (SUIT) onboard Aditya- L1</li> <li>Research Area: Solar Physics, Space Instrumentation.</li> </ul>	