

## PUBLIC LECTURE

# *Analyse This!* **Scientific Temper and the Art of Questioning**

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We live in an online age where we continuously receive unfiltered information from multiple sources. Sometime we get messages that make grand claims about the wonders of technology in ancient India while others have scary warnings about impending doom. How do we verify the authenticity of such statements? The science curriculum in schools is supposed to empower us with “scientific temper” to help analyse all such claims rationally and draw conclusion based on evidence. Let us revisit some of the skills we have already learnt in school and relearn the art of questioning by analysing some of the most outrageous forwards and statements seen in recent times.

*About the speaker: Aniket Sule is a researcher at TIFR’s Homi Bhabha Centre for Science Education (HBCSE), Mumbai. He has been coordinating Indian Astronomy Olympiad Programme for more than 10 years and is the General Secretary of International Olympiad on Astronomy and Astrophysics (IOAA). He has worked on computer simulations of the solar interior as well as on history of astronomy in India. He has co-edited three books on astronomical problem solving and history of Indian astronomy. In March 2018, he was conferred the "Youth Icon of the year Award" by Maharashtra*