



**37<sup>th</sup> KERALA SCIENCE CONGRESS**

7 - 10 February 2025  
Kerala Agricultural University, Thrissur



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## THANU PADMANABHAN MEMORIAL LECTURE

(A prelude to 37<sup>th</sup> Kerala Science Congress)

Date: **28 January 2025**

Venue: **Science Seminar Complex Main Hall**  
Cochin University of Science and Technology, Kochi  
2.30 PM- 4.00 PM

### PROGRAMME

Welcome: **Dr. Aldrin Antony**  
Associate Professor & Head, Department of Physics  
Cochin University of Science and Technology, Kochi

Presidential Address: **Prof. (Dr.) M Junaid Bushiri**  
Vice Chancellor, Cochin University of Science & Technology, Kochi

Introduction to Thanu Padmanabhan & Introducing the Speaker: **Dr. C. Arunan**  
Principal Scientist, KSCSTE  
Joint Convenor, 37<sup>th</sup> Kerala Science Congress

Thanu Padmanabhan Memorial Lecture: **Prof. (Dr.) Annapurni Subramaniam**  
Director, Indian Institute of Astrophysics  
Bengaluru

Word of Thanks: **Dr. Binuja Thomas**  
Principal Scientist, KSCSTE & Convener, Focal Theme & Memorial Lecture  
37<sup>th</sup> Kerala Science Congress



**Prof. Thanu Padmanabhan (1957-2021)** was a Distinguished Professor at the Inter-University Centre for Astronomy and Astrophysics (IUCAA) at Pune, India. A globally-renowned theoretical physicist, Dr. Padmanabhan completed his undergraduate and postgraduate at the University of Kerala. He joined the Tata Institute of Fundamental Research (TIFR) in 1979 to pursue a doctoral degree and went to the Institute of Astronomy, University of Cambridge, UK with a postdoctoral fellowship. Some of the positions he occupied were as Chairman of the Astrophysics Commission of the International Union of Pure and Applied Physics (IUPAP), President of the Cosmology Commission of the International Astronomical Union (IAU), Sackler Distinguished Astronomer of the Institute of Astronomy, Cambridge. Dr. Padmanabhan was awarded the Padma Shri in 2007, the Infosys Prize for Physical Sciences in 2009 and Kerala Sasthra Puraskaram in 2021.

**Prof. Annapurni Subramaniam**, Director of the Indian Institute of Astrophysics (IIA), Bangalore, is an eminent astrophysicist with expertise in star clusters, stellar evolution, and Galactic structure. A graduate of Government Victoria College, Palakkad, she earned her Ph.D. in Astrophysics (1996) on "Studies of star clusters and stellar evolution." Her research spans stellar populations, emission-line stars, and star formation history. A recipient of the Vigyan Shri Award (2024) and a member of the International Astronomical Union, Dr. Subramaniam's over two decades of work have significantly advanced our understanding of the universe.

