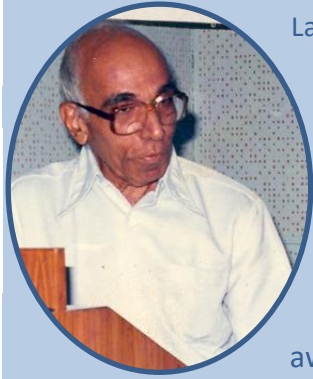




आईआईटीएम की 48वीं 'प्रो. आर. अनंतकृष्णन' वार्ता IITM's 'Prof. R. Ananthakrishnan' Colloquium (48th)



Late Prof. R. Ananthakrishnan (Ex-Director and Honorary Fellow of IITM, Pune) started his research career as a research scholar in the field of light scattering under the guidance of Nobel Laureate Prof. C.V. Raman and was awarded D.Sc. in 1937 from

University of Madras. Then he joined IMD and occupied several positions up to DDG and then he worked as Director IITM during 1968-1971. He was awarded Padmashree by President of India in 1969 and Nobel Laureate Prof. C.V. Raman Centenary Medal in 1988. He was elected as an INSA Fellow in 1961 and was also member of many learned and professional societies like (Indian Academy of Sciences, Maharashtra Academy of Sciences). He was associated with many technical committees and working groups of WMO Geneva. He was editor of reputed national and international journals in Meteorology.

Prof. R. Ananthakrishnan was deeply associated in organizing and teaching M.Sc./M.Tech. Courses in Meteorology at University of Cochin and University of Pune. Under his able guidance 12 persons were awarded Ph.D.

Research contribution of Prof. R. Ananthakrishnan covers wide range topics viz. Light Scattering and Raman Effect, Solar Physics and Meteor Astronomy and Meteorology. In the field of Meteorology he covers: Aerology, Dynamics, Thermodynamics, Monsoon Circulation, Tracks of Storms and Depressions. Atmospheric pressure and oscillations, Indian Rainfall and features associated with onset of southwest monsoon and identification of errors in upper air data. To meet defense needs he organized the publications entitled 'Climatology of Himalayas, Tibet and adjoining areas'. There are 110 national/international (research papers/technical contributions) papers to his credit and a book entitled 'An introduction to Meteorology'. This text book is found to be extremely useful to all the new comers in the field of meteorology. Prof. R. Ananthakrishnan pursued his research and guidance in atmospheric science even after his retirement as an Honorary Fellow of IITM till his last days.



Dr. Nitin Chowdhary

Researcher, Department of Physical Geography and Ecosystem Science,
Lund University, Lund, Sweden

Title of the Talk: " Modelling peatland carbon dynamics and their influence on the Earth's radiative balance in the past and future climates"

Dr. Nitin Chowdhary is an ecosystem modeller and scientist at the Department of Physical Geography and Ecosystem Science at Lund University, Lund, Sweden. He has mainly worked on peatland dynamics in Sweden, Norway and India. He did his Ph.D. and M.Sc. in 2017 and 2011 respectively, from the same department. His doctoral thesis was titled 'Peatland dynamics in the context of past and potential future climate change: a regional modeling approach', for which he worked with Professor Benjamin Smith. His current research focuses on the incorporation of methane biogeochemistry into the Global Dynamic Peatland-Vegetation Model (LPJ-GUESS). He is interested in addressing research problems related to climate and biosphere interactions. He has published 19 papers. His H-index and i10index are 8. He is the recipient of the Crawford Stiftelsson Grant and the Early Career Grant from the Swedish Research Council. He has worked as reviewers for Czech Republic Funding Agency and UK National Grants Commission. He has guest edited for the journal Atmosphere. He has contributed to the IPCC Working Group 1 AR6 report. He is a member of Past Global Changes (PAGES), Permafrost Young Research Network (PYRN), International Peatland Association (IPA), Young Earth System Scientists Network, Sweden's university teachers and researchers (SULF), Sweden and Association of Polar Early Career Scientists, Sweden and Norway (APECS).

Venue: **Varahamihira Hall, IITM Pune**

Date: **08th Aug 2023, 04:30 PM**

YouTube Link: <https://youtu.be/ablgyt7uht8>