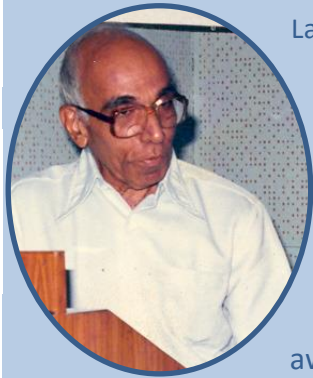




आईआईटीएम की 45वीं 'प्रो. आर. अनंतकृष्णन' वार्ता IITM's 'Prof. R. Ananthakrishnan' Colloquium (45th)



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.



Prof. Mark Baskaran

Title of the Talk: "**Radon and its Progeny as Atmospheric Tracers**"

Prof. Mark Baskaran got his B.Sc (Physics, 1977) from V.H.N.S.N. College, Virudhunagar (Tamilnadu), M.Sc (Physics, 1979) from Madurai-Kamaraj University and Ph.D. from Physical Research Laboratory (Gujarat University, 1985). He joined the University of Alaska (Fairbanks, Alaska) as a postdoc in 1987, and moved to Texas A&M University at Galveston in 1988. He joined Wayne State University (Detroit, MI, USA) in 1999, got his tenure in 2004, and became a tenured full professor in 2007.

Prof. Mark Baskaran is an internationally recognized scholar in the field of Environmental Science and Geochemistry whose scholarship focuses on applications of isotopes as tracers and chronometers in environmental subsystems. He has authored over 160 journal articles, an edited two-volume handbook (Handbook of Environmental Isotope Geochemistry, 2011), and a monograph (Radon: A Tracer for Geological, Geophysical and Geochemical Studies, 2016). His work has generated over 10,000 citations and an impressive h-index of 60.

He is the recipient of the WSU Board of Governors (BOG) Distinguished Faculty Fellow Award (2010-2011, 3/yr out of 1041 faculty members), and the BOG Faculty Recognition Award (2013, 4/yr), Distinguished Graduate Mentor award (1/yr), and won the Senior Fulbright Scholar Award (2015). He was elected to the American Geophysical Union Honors and Recognition Committee (2022) and WSU's Academy of Scholars (2021) - a lifetime appointment. He served as the inaugural Chair (2017-2021) of the Devendra Lal Memorial Medal Selection Committee, a union-level award at the American Geophysical Union. He also served as a member of the U.S. National Fulbright Screening Committee (2019-2021). He was a Distinguished Visiting Professor at East China Normal University, Shanghai, China. He served as a consultant for IAEA-Vienna & Monaco, U.S. Geological Survey, Sandia National Laboratory (DOE), etc.

He serves as Chair of the Department of Environmental Science and Geology, at Wayne State University, since 2018.

Venue: **Varahamihira Hall, IITM Pune**

Date: **14th July 2023, 1600 hrs**