



Late Prof. R. Ananthkrishnan (Ex-Director and Honorary Fellow of IITM, Pune started his research carrier as a research scholar in the field of light scattering under the guidance of noble laureate Prof. C.V. Raman and 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 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 some technical committees and working groups of WMO Geneva. He was editor of some national and international reputed journals in Meteorology.

Prof. Ananthkrishnan was deeply associated in organizing and teaching MSc./M.Tech. courses in Meteorology in University of Cochin and University of Pune. Under his able guidance 12 persons have awarded Ph.D.

Research contribution of Prof. R. Ananthkrishnan includes various topics viz. Light scattering and Raman Effect, Solar Physics and Meteor Astronomy and Meteorology. In the field Meteorology his work covers different topics: Aerology, Dynamics, Thermodynamics, Errors in upper air data, monsoon circulation, Tracks of storms and depressions. Atmospheric pressure and oscillations, Indian rainfall and features associated with onset of southwest monsoon. To meet defense need 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 one book entitled 'An Introduction to Meteorology'. This textbook is found extremely useful to all the new comers in the field of meteorology. Prof. R. Ananthkrishnan pursuit his research and guidance in the field of atmospheric sciences after retirement as a honorary fellow in the IITM till his last days.



Title of Talk" Ecosystem Services of Mangrove Forests of Indian Sundarban"

Introduction: Dr. Punarbasu Chaudhuri is working as an Assistant Professor in the Department of Environmental Science, University of Calcutta. He completed his Bachelor's degree in Botany from the University of Calcutta with a National Scholarship and Abanindra Guha Life Science Endowment. He stood first class first in his M.Sc. in Environmental Science and pursued his doctoral research at the University of Kalyani and post-doctoral research at the University of Sydney. He received several fellowships including Endeavour Fellowship, Lal Bahadur Shastri Indo-Candian fellowship, Indian Science Academies' Summer Research Fellowship, etc. for his research work. He has been the Australian Education Ambassador in India. He had gathered research experiences while working in extreme environments like different mangrove forests of India and abroad, Australian rain forests, Great Barrier Reef, Khumbu Glacier region in Everest base Camp area, and Arctic and Antarctic regions. He was a member of 39th Indian Expedition to Antarctica organised by NCPOR, MoES. He has published about 70 research papers and two books and guided 6 PhD students for their Ph.D. His research interests include mangrove ecology, climate change and polar environment.

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