



Prof. S. K. Dash

**3rd Talk of
IMS – IMD Lecture Series**

**Live Talk
28th January, 2022
0330-0500 PM**

To commemorate the 75th anniversary of Independence of India, the country is celebrating Azadi Ka Amrit Mahotsav. Indian Meteorological Society (IMS) and India Meteorological Department (IMD) are jointly celebrating this Mahotsav by organising a series of popular lectures on contemporary topics.

ABOUT THE SPEAKER : Prof. Sushil Kumar Dash entered Meteorological Science in 1975 as a PhD student in the PRL, Ahmedabad after an illustrious academic career in Physics. Prof. Dash superannuated from IIT Delhi as Professor and Head in the Centre for Atmospheric Sciences and is currently associated with the CoE in Climate Modelling as Visiting Scientist. In his 47 years of experience in teaching and research, Prof. Dash has successfully supervised 20 Ph.D., 16 M.Tech/M.Phil./M.Sc./MCA students. Prof. Dash is actively involved in R&D activities, including 35+ sponsored projects His main areas of interest are Inter-annual Variability of Indian Monsoon, Climate Modelling, Climate Change Studies and HPC in Environmental Sciences. Prof Dash has published 140+ refereed papers in journals of repute. He has been deputed to many reputed institutions across the world as Visiting Scientist. Prof Dash has been the Fellow and President of IMS, Fellow of Royal Meteorological Society, UK and the Member, The National Academy of Sciences, India.

ABOUT THE TALK : Role of Academic Institutions in the Development of Trained Manpower in Atmospheric and Oceanic Sciences

This talk will discuss the progress made in forecasting due to the contributions from some of the world famous Institutions, the future of forecasting, status of Weather and Climate studies and finally some suggestions to take advantage the benefits of Public Private and Academia (PPA) collaborations in India. It is well known that Weather and Climate as a scientific topic is multidisciplinary encompassing Physics, Chemistry, Mathematics, Biology, Computer Science etc. Further, climate change affects all dimensions of life, be it Agriculture, Human Health, Water availability, Ecosystem, Biodiversity etc. Hence, effective collaboration between three important wings of the society such as Public, Private and Academia is vital to address climate crisis. Tremendous progress has been made in understanding the atmospheric and oceanic processes and thereby develop improved methods in forecasting as a result of group activities and collaborative processes in some of the world famous institutions such as the Institute for Advanced Study (IAS) in Princeton, ECMWF, NCAR established by the NSF etc. The objectives of WMO Open Consultative Platform, Global Campus Initiative and Open Educational Practices will also be stated so as to encourage Universities to join the international efforts. The importance of collaboration will be highlighted so that the benefits of developments in weather and climate predictions can reach the common man for the public good.

Webex link : <https://imd-vc.webex.com/imd-vc/j.php?MTID=m8414643c1373d1c5a11c9221db0946c8>

OR

YouTube Link : <https://youtu.be/DcrKyVI7E2I>

