

India Meteorological Department is celebrating 150th year of its establishment during 15th January 2024-15th January 2025. In this backdrop a series of Popular talks are being organized by IMD.

In this series, India Meteorological Department invites you to attend a Popular talk on

"EVOLUTION of IMD, A continuous Journey"



Conference Hall, 6th Floor, Mausam Bhavan
India Meteorological Department (IMD), Lodhi Road, New Delhi



14th Nov 2024



Time: 1500 IST



Dr. Prem Shankar Goel

Honorary Distinguished Professor, ISRO

<https://imd-mb.webex.com/imd-mb/j.php?MTID=m892f14fc3ceebe0ce65dfced98cc566a>

<https://youtube.com/live/LKSsm87k1DN8?feature=share>



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About the Speaker

Dr. Prem Shankar Goel did B.E. in Electrical Engineering from MBM Engineering College, University of Jodhpur, M.E. in Applied Electronics from Indian Institute of Science, Bangalore and Ph.D. from Bangalore University. He started his career with initiating activity on Satellite Attitude Control System for spinning RS-1 Satellite at Trivandrum and later moved to Bangalore as part of Aryabhata Project team. He contributed significantly to the mission planning for remote sensing, communication and scientific missions and authored over hundred research papers. Dr. Goel moved to Delhi as Secretary, Department of Ocean Development and transformed it into Ministry of Earth Sciences by integrating Ocean, Atmosphere and Geo Science and Technologies. Dr. Goel was awarded Padma Shree in 2001. He received several other awards including Distinguished Scientist Award of ISRO and lifetime achievement award of INAE. Currently, Dr. Goel is Honorary Distinguished Professor at ISRO HQ, Honorary Visiting Professor at National Institute of Advanced Studies. He is chairing Technology Research Board (TRB) of Ministry of Earth science.

About the Talk

IMD has completed 150 years of distinguished National service, a unique distinction. It is natural to have ups and downs in such a long journey. It has been headed by very renowned scientists in the past. It developed very good meteorological equipment in the seventies. Later, it became more of a service department under Civil Aviation or DST, and the focus on science was reduced. The creation of Ministry of Earth Science was a result of realization that Ocean, Atmosphere and solid Earth are coupled systems. The approach of weather forecast based on human interpretation was no longer sufficient. MOES has supported IMD in improving observation system, connectivity, high performance computers, scientific interactions, scientific culture and scientific structure like ISRO and DAE. This has brought IMD at par with other Met agencies in the world. The coming technology waves, AI&ML and Quantum computing are going to change the way we think and live. But, above all, they are much more relevant to IMD, weather forecast, extreme weather events or long-term monsoon forecast etc. IMD needs to prepare itself to adapt these evolving new technology waves.