

Earth System Sciences Organisation (ESSO)
INDIAN INSTITUTE OF TROPICAL METEOROLOGY, PUNE
Ministry of Earth Sciences, Govt. of India



THE SECOND GOLDEN JUBILEE AWARD 2014

To commemorate the Golden Jubilee of the Institute, the Governing Council established in 2011 a biennial Golden Jubilee Award for the outstanding contribution in the field of Atmosphere, Weather and Climate Science.

The award presently carries a cash reward of Rs. 1,00,000/- and a Citation.



Dr. R. Krishnan has made original contributions in advancing scientific understanding of climate extremes, such as monsoon-droughts over India. In particular, his research identified important pathways for prolonged 'breaks' during the monsoon rainy season and elucidated the role of internal feedbacks in forcing monsoon-droughts, which are known to occur even in the absence of climate drivers like El-Nino/Southern-Oscillation. While future response of monsoon to climate change has enormous implications across different sectors of society, there are major uncertainties in monsoon projections from the IPCC models. To put India amongst the world leaders, he provided guidance and leadership for capacity building in state-of-the-art climate modeling at IITM, leading to development of the first Earth-System-Model in India required for reliable projections of global and regional monsoon climate.

V.K. Gaur
Chairman, Governing Council, IITM