

GOVERNMENT OF INDIA
MINISTRY OF EARTH SCIENCES
RAJYA SABHA
UNSTARRED QUESTION NO. 520
ANSWERED ON 24/07/2025

ENHANCING THE EFFICIENCY OF METEOROLOGICAL DEPARTMENT

520. DR. AJEET MADHAVRAO GOPCHADE:

Will the Minister of **EARTH SCIENCES** be pleased to state:

- (a) whether Government is contemplating introduction of a legislation to enhance the efficiency and functioning of Meteorological Department, if so, the details thereof;
- (b) whether the Ministry has received and taken cognizance of representations for the examination of legislation of some foreign Governments, such as, Korea, Kenya, Tuvalu, Tanzania, Nauru and Vanuatu, on the issue of efficiency of Meteorological Department, if so, the details thereof; and
- (c) the steps being taken to attract skilled professionals to Meteorological Department and enhance research activities related to the influence of technology on accurate local weather forecasts?

ANSWER

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR
MINISTRY OF SCIENCE AND TECHNOLOGY
AND EARTH SCIENCES
(DR. JITENDRA SINGH)

- (a) Recently, the Ministry of Earth Sciences (MoES) has constituted a committee comprising of members from various organizations including representative from Legislative Department, Government of India for the formulation of legal framework for (i) the provision of the Meteorological Services in India and the role of agencies involved in it and (ii) to promote research and development for improving and delivering effective meteorological services.
- (b) Yes. The World Meteorological Organization (WMO) has suggested that all member countries develop legislation/act/policy for hydrometeorological services. The committee constituted by the MoES will take cognizance and examine the legislation carried out in this regard in other countries.
- (c) To attract skilled professionals to the Meteorological Department and enhance research activities related to the influence of technology on accurate local weather forecasts, IMD, in coordination with MoES, has taken the following steps:
 - Public Awareness Program.
 - Integrated Academic Program with various Universities and Institutions. Regular interaction and signing MoUs with the Centre, State, and private Universities, and sharing the data and HPC for engaging undergraduate and postgraduate students to work in this department remotely and through summer projects.

- Specific Scientific research projects like Monsoon Mission, Mission Mausam, Thunderstorm research testbed, etc, are being implemented in collaboration with State and Central Universities, IITs, etc., to attract young students pursuing master's and PhD.
- IMD is also extending all support to private and Government Universities to install AWS, ARGs, and other meteorological observatories to carry out the observation through student participation.
- IMD advertises regularly for project scientists and research scholar posts meant for young researchers. In that way, a pool of experienced human resources is being developed, facilitating future workforce selection in the various MoES organisations.
- From time to time, IMD and other MoES institutes have been recruiting employees at the level of Scientific Assistant and Scientist B & Scientist C to sustain and enhance their capabilities for delivering weather and climate services.
- IMD has also mutual cooperation and understanding with other Government Agencies such as the Indian Air Force, Indian Navy, Coast Guard, and Indian Army for operational and research activities.
