

**GOVERNMENT OF INDIA
MINISTRY OF EARTH SCIENCES
LOK SABHA
UNSTARRED QUESTION No. 711
TO BE ANSWERED ON WEDNESDAY, FEBRUARY 07, 2018**

CYCLONE PREDICTION TECHNOLOGY

**711. SHRI CHANDRA PRAKASH JOSHI:
SHRI RAMADAS C. TADAS:**

Will the Minister of EARTH SCIENCES be pleased to state:

- (a) the technology currently being used by the Government for safety from cyclonic storms;**
- (b) whether in comparison to other developing countries our technology is not proving as effective as it should have been; and**
- (c) if so, the steps taken to improve the said technology?**

ANSWER

**MINISTER OF STATE FOR MINISTRY OF SCIENCE AND TECHNOLOGY AND
MINISTRY OF EARTH SCIENCES
(SHRI Y. S. CHOWDARY)**

- (a) Madam, IMD has one of the best forecasting systems for predicting tropical cyclones using high resolution advanced mathematical models (including global, regional and cyclone specific models) and a suite of quality observations from Satellites, Radars and conventional and automatic weather stations. IMD has a very effective Decision Support System for generating track of cyclones and analysing various observations at a single platform. IMD has a defined Standard Operating System for monitoring, predicting and forecasting cyclones and informing the authorities on time.**
- (b) No Madam, it is factually incorrect. IMD also has rich experience of more than 100 years in tropical cyclone prediction and has many trained and experienced scientists specialized in forecasting. In the recent past, IMD accurately predicted cyclones like Phailin, Hudhud and Vardha. IMD has also earned accolades from international and national scientific community for successful prediction of these cyclones. It also helped save thousands of life and loss to Government exchequer for paying ex-gratia and to carry out rehabilitation.**
- (c) IMD is still improving forecasting abilities by installing new observational network and improving the modelling framework.**
