

**Vigyan Samachar: MoES News**  
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**“Numerical Weather Prediction (NWP) Familiarisation Training” at National Centre for Medium Range Weather Forecasting (NCMRWF), Noida – 6 to 10 January, 2020**

A training programme on “Numerical Weather Prediction (NWP) Familiarisation” is going on at National Centre for Medium Range Weather Forecasting (NCMRWF), Noida from 6 to 10 January, 2020 under the guidance of Dr. Munmun Das Gupta, Scientist-G, NCMRWF.

Nine students of M.Sc. (Tech) from the Geophysics Department of Banaras Hindu University (BHU), Varanasi is presently undergoing the training as a part of the field training in their curriculum. Numerical weather prediction (NWP) uses mathematical models of the atmosphere and oceans to predict the weather based on current weather conditions. Though first attempted in the 1920s, it was not until the advent of computer simulation in the 1950s that numerical weather predictions produced realistic results. A number of global and regional forecast models are run in different countries worldwide, using current weather observations relayed from radiosondes, weather satellites and other observing systems as inputs.

NCMRWF and Geophysics Department of BHU have a MoU for collaborative research in the field of NWP (Numerical Weather Prediction).

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