

'Scientists may strengthen research capabilities by using Doppler radar'

PIONEER NEWS SERVICE ■ LUCKNOW

Indian Institute of Sugarcane Research celebrated World Meteorological Day with great fervor and enthusiasm on Saturday. Director, Regional Meteorological Centre, Dr JP Gupta was the chief guest on this occasion. Dr Gupta delivered a lecture on 'Doppler weather radar and its utilisation in weather forecasting' to IISR scientists.

Dr Gupta said that since the establishment of Doppler radar at Regional Meteorological Centre, the weather forecasting had become very accurate.

"Since last one and half years the centre has forecast date-wise rainfall accurately. We can provide accurate information for the region-wise rainfall of the next six hours. This vital information is very useful for many agronomic practices. This will be helpful

to the farmers in irrigation as well as in timely harvesting of the matured crop," said Gupta.

He said that this kind of information would certainly reduce the economic loss of the farmers.

He said that the Doppler radar could precisely forecast rainfall for a large area many days ago. Dr Gupta discussed the various products of the Doppler radar in detail.

He also invited the scientists, farmers and general public to the regional meteorological centre located at Amausi for detailed technical information. He added that these information could also be obtained from the department's website.

Director, IISR, Lucknow, Dr S Solomon, while welcoming Dr Gupta, spoke about the importance of agro-meteorology in agriculture production.

He said that in the year 2013, the year of outreach, the institute was encouraging collaboration with other institutes and collaborations with IMD would also be developed during this year.

Informing about the history of the World Meteorological Day, principal scientist, Dr AK Sharma, informed that every year on March 23, World Meteorological Organisation with its 189-member countries organised World Meteorological Day.