

### About iRAD

The first conference on India Radar Meteorology (iRAD), an initiative of the Ministry of Earth Science (MoES), was held successfully at the Indian Institute of Technology, Kharagpur during 08–11 January 2017. A series of iRAD conferences were successfully organized thereafter. To foster the growth in radar meteorology, the India Meteorological Department (IMD) is hosting its 7<sup>th</sup> Conference of iRAD during 05–08 January 2025. The event also hosts a short-course on radar meteorology on 05 January 2025.

### Important Dates

Last date for abstract submission : 30 September 2024  
Last date for registration : 15 November 2024

### Conference Session

- Advancement in Design & Development of Doppler Weather Radar, Radar Calibration and Electromagnetism.
- Operational Radar Networks and Products.
- Applications of Radar data in Meteorology, Hydrology and Urban Planning.
- Quantitative Precipitation Estimation (QPE) and Urban Hydrology.
- Microphysical studies and Dual-polarizations observations.
- Severe Weather Observations and storm electrification.
- Use of Radar data for NWP model, analysis and now-casting applications.
- Moving platforms such as Airborne and Spaceborne Radars.
- Millimeter Wavelength radar for cloud observations.
- Advancement in Wind Profiling Radars.
- Signal and Data processing techniques for Doppler Weather Radar.
- Artificial intelligence in radar meteorology for nowcasting, convection, precipitation, estimation techniques and quality control.
- Application of Radar Observations in hailstorms, micro bursts and cyclones.

### Registration

Registration can be done online. The fee for registration for different categories are shown below:

	Delegates	Students
Early Bird Registration (Before 15 Nov, 2024) (Conference)	6500 (INR)	3500 (INR)
Late & Onsite Registration (Conference)	7500 (INR)	4500 (INR)
For Foreign Delegates (Conference)	150 (USD)	100 (USD)
For attending Short Course on Radar Meteorology	500 (INR)	500 (INR)



# 7<sup>th</sup> Conference on India Radar Meteorology

## iRAD 2025

05 – 08 January 2025



### CALL FOR PAPERS

Information and Paper Submission on <https://irad2025.imd.gov.in>

### Venue

**Indian Institute of Geomagnetism (IIG)**  
Plot No. 5, Sector 18, Near Kalamoli Highway,  
New Panvel (W), Navi Mumbai - 410218, Maharashtra

### Convenor

**Gajendra Kumar**  
India Meteorological Department (IMD)  
Mausam Bhawan, Lodi Road, New Delhi - 110003  
Phone No: 011-24344224, Email: irad.25@imd.gov.in

## Young Scientist Award

Young Scientist Award will be presented to three best papers presented in the conference. The participants, who are below 35 years of age and are first authors of the presented paper eligible to apply for the award.

## Best Paper Award For Students

Three awards will be presented to the student participants from universities or research institutions in India. They should be regular or full-time students of any institution and first author of the presented work, to be considered for the award.

## Advisory Committee

Dr. M. Ravichandran (Secretary, MoES)  
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Prof. V. Chandrasekar (Honorary Chair, CSU)  
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## Technical Program Committee

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Dr. T. Narayana Rao (NARL, Tirupati) (Co-Chair)

## About IMD

India Meteorological Department (IMD) was established in 1875. It is the national nodal agency for the meteorological observations and forecast in India. The agency primarily carries out the following operations:

- Take meteorological observations and provide relevant information for the weather-sensitive activities such as agriculture, irrigation, shipping, aviation and offshore oil explorations in the country.
- Issue forecast and warning for severe weather phenomenon such as tropical cyclone, norwester, dust storm, heavy rain, snow, cold and heat waves.
- Provide meteorological information required for agriculture, water resource management, industries, oil exploration and other nation- building activities.
- Conduct and promote research in meteorology and allied disciplines.

## About Navi Mumbai

Navi Mumbai is a planned satellite city of Mumbai. The city has a tropical monsoon climate. Unique attractions include Parsik Hill, offering panoramic views, and Pandavkada Falls, ideal for picnics. Visitors can explore the Karnala Bird Sanctuary, home to over 150 bird species. Culinary delights include Bombil Fry and Vada Pav, Mumbai's iconic street food.

## Local Organising Committee

Shri. Gajendra Kumar (Convenor iRAD2025, IMD, New Delhi)  
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Ministry of Earth Sciences  
Govt. of India

