

## NOTICE

METNET

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RMC New Delhi/Kolkata/Mumbai/Guwahati/Chennai/Nagpur/CRS Pune

**Subject:** Second All India “Familiarization training program on Monitoring of Thunderstorm activity for aviation safety” by Aerodrome Meteorological Office Nagpur in collaboration with IMS Chapter of Nagpur, Bhopal and Raipur

**Ref: - DGM CAMD Email Dated 21-03-2025**

This is to inform you that the Aerodrome Meteorological Office, Nagpur, in collaboration with the Indian Meteorological Society Chapters of Nagpur, Bhopal, and Raipur, is organizing a two-day online training program on "**Monitoring of Thunderstorm Activity for Aviation Safety.**" The training will cover various aspects, including climatology, modeling, the impact of thunderstorms on the aviation sector, forecasting, nowcasting, and satellite- and radar-based applications.

All personnel working at airports or in aviation-related fields are encouraged to participate in this training, scheduled for **April 21–22, 2025, from 11:00 AM to 6:00 PM.** The detailed training schedule is attached for reference. The meeting link for the training will be shared in due course.

A discussion and feedback session will be held at the end of the program. Participants are requested to send their nominations, including their **name, designation, station, email, WhatsApp number, and mobile number,** to [monagpur@yahoo.com](mailto:monagpur@yahoo.com), [amonagpur2024@gmail.com](mailto:amonagpur2024@gmail.com), or [amo.ngp@imd.gov.in](mailto:amo.ngp@imd.gov.in) on or before **April 10, 2025.**

A certificate of participation will be provided to all attendees who successfully complete the training program.

For further details, please contact the undersigned.



**(Dr, Rizwan Ahmed)**

Scientist-D (AMO)

DBAI International Airport

Aerodrome Meteorological Office, Nagpur



# INDIA METEOROLOGICAL DEPARTMENT

Aerodrome Meteorological Office  
Regional Meteorological Centre, Nagpur



## Familiarization Course on thunderstorm monitoring to enhance the Aviation safety

### LECTURE SCHEDULE DURING 21-22 April,2025

#### Day-1 (Monday, 21<sup>st</sup> April 2025)

| Course Topics  | Time (IST)  | Speaker/Lecturer   |
|--|-------------|--|
| Inauguration talk on the Course                                      | 10:40-10:50 | Shri. Gajender Kumar, Sci-F & Head, CAMD, HQ New Delhi   |
| Welcome address  | 10:50-11:00 | Shri. R Balasubramanian, Sci-F & DDGM, RMC Nagpur        |
| Climatology of Thunderstorms   | 11:00-11:45 | Dr. Shashi Kant Mishra, Sci-D, NWFC New Delhi            |
| Nowcasting of Thunderstorms  | 11:45-12:30 | Shri. Pradeep Sharma, Sci-D, MC Ahmedabad                |
| Thunderstorm over the Vidarbha region, Maharashtra                   | 12:30-13:00 | Smt. Latha Sridhar, Sci-D, MC Bangalore                  |
| <b>Lunch Break 13:00-14:00</b>                                       |             |  |
| Monitoring and Forecasting of TS using satellite over central India  | 14:00-14:45 | Dr. Rizwan Ahmed, Sci-D, AMO Nagpur                      |
| Monitoring of unprecedented development of thunderstorms/hailstorms. | 14:45-15:30 | Shri. Ved Prakash Singh, Sci-D, MC Bhopal                |
| Rapid Tool for Thunderstorm monitoring                               | 15:30-16:15 | Dr. Neeti Singh, Sci-C, CAMD New Delhi                   |
| Prognosis and diagnosis for forecasting thunderstorms.               | 16:15-17:00 | Dr. Gayatri Vani, Sci-C, MC Raipur                       |
| Significance of Meteorological data in Air Navigation Services       | 17:00-17:45 | Shri. Mekala Kishore Kumar, DGM(ATM), AAI Nagpur Airport |

#### Day-2 (Tuesday, 22<sup>nd</sup> April 2025)

| Course Topics   | Time (IST)  | Speaker/Lecturer                                    |
|---|-------------|---|
| Climatology of Lightning over India & EWRf model  | 11:00-11:45 | Dr. Trisanu Banik, Sci-D, New Delhi                 |
| Western disturbance-induced thunderstorm activity   | 11:45-12:30 | Dr. Radheshyam Sharma, Sci.-D, MC Jaipur            |
| HRRR Model for TS forecasting   | 12:30-13:00 | Dr. Akhil Srivastav, Sci.-D, NWP New Delhi          |
| <b>Lunch Break 13:00-14:00</b>  |             |   |
| Nowcast of convective storms over India by synergistic use of Satellite and spaceborne radars | 14:00-14:40 | Dr. Anoop Kumar Mishra, Sci-C, CAMD New Delhi       |
| Interpretation of radar images /products for aviation safety                                  | 14:40-15:20 | Dr Sreekanth T.S, Sci.-D DWR Nagpur                 |
| Convective activity over central India during pre-monsoon season                              | 15:20-16:00 | Dr Praveen Kumar Sci-C, RMC Nagpur                  |
| Aviation weather hazards and adaptation strategies  | 16:00-16:35 | Dr G.P. Singh, Met-A, MTI Pune                      |
| Role of Meteorological data in Aviation Safety  | 16:35-17:10 | Shri. Ajay Kumar Pathak, Ex In-charge ATC, Varanasi |
| Open discussion and feedback for future training  | 17:10-17:30 | DDGM RMC Nagpur                                     |
| Concluding remarks  | 17:30-17:45 | IMS Bhopal, IMS Raipur, IMS Nagpur                  |
| Vote of Thanks  | 17:45-17:50 | Dr. Rizwan Ahmed, Sci-D, AMO Nagpur                 |

**Regional Meteorological Centre,  
Dr Babasaheb Ambedkar International Airport, NAGPUR-440005**



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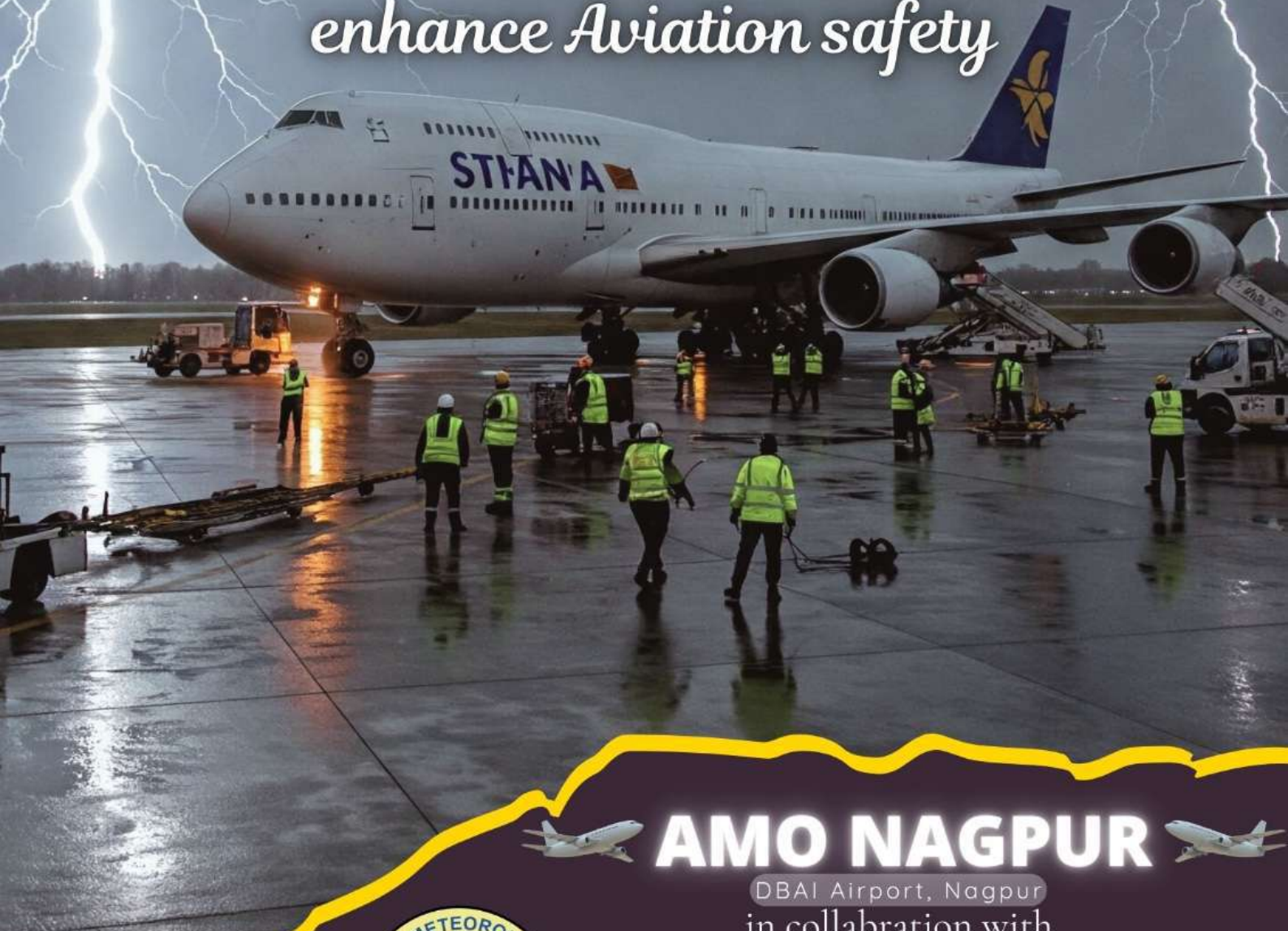
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सत्यमेव जयते



# 2nd familiarization program on Monitoring of thunderstorm to enhance Aviation safety



## AMO NAGPUR



DBAI Airport, Nagpur

in collaboration with

IMS CHAPTERS

NAGPUR, BHOPAL, RAIPUR

DATE : 21 & 22/04/2025

PLACE : AMO NAGPUR



For more details please contact AMO Nagpur at  
amo.ngp@imd.gov.in or call Director AMO Nagpur  
at 9818583713