

DGM Office, New Delhi

O/o CR&S, Pune

RMCs: New Delhi / Nagpur / Kolkata / Chennai / Mumbai / Guwahati

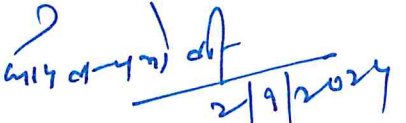
PAC Kolkata, CSO Shillong

Sub: Short Term Refresher Course on "RADAR".

A short term refresher course on "RADAR" from 23.09.2024 to 27.09.2024 is going to be held online. Desired target audiences are SA, Met-A/B, Sc-B/Cs who are working in the related fields. Tentative Schedule of the refresher course is enclosed herewith. Online classes will be conducted from 1500 - 1800 Hrs IST.

In view of this, all IMD offices are hereby requested to send the details (**Name, Designation, Gender, Employee Code, RMC with sub-office, WhatsApp Mobile No.s, Email ids**) of the nominated candidates in tabulated form through email to icitrg.centre@imd.gov.in with cc to kapil.chamoli@imd.gov.in latest by 18.09.2024.

Name of Course – Short Term Refresher Course on RADAR								
S. No.	NAME	नाम (हिंदी में)	GENDER	Employee Code	DESIGNATION	OFFICE	WHATSAPP NO.	EMAIL ID
1.								
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5.								


21/9/2024

(Kapil Chamoli)
Met-A
(ICITC, ISSD)

File No. DGM-HQ-16035/3/2022-ISSD-HQ

Dated: 02.09.2024



A short-term Refresher Course on “RADAR”
Organised by: ICITC, DGM
Period: Five working Days (23/09/2024 – 27/09/2024)
Tentative Schedule

Time (IST)	Discussion Topic	Speaker
Day-1 : 23rd September 2024		
1430 – 1500	Welcome Address	Director General of Meteorology, IMD
1500 – 1600	Interaction of Electromagnetic Radiation with Atmosphere & Radar Polarimetry Principle	Dr. M. Iyyappan, Sc-D
1600 – 1700	Decoding Doppler Weather Radars: From Wavelengths to Block Diagrams	Mr. Rangaraj AG, Sc-E
Day-2 : 24th September 2024		
1500 – 1600	Signal processing in Weather Radars: Signals to Products	Mr. R. Bibraj, Sc. D
1600 – 1700	Doppler radar principles, Doppler dilemma, limitations and minimization	Mr. Prayek Sandepogu, Sc. D
1700 – 1800	Preliminary Overview on Radar QC, Calibration & Validation	Mr. R. Bibraj & Mr. Prayek Sandepogu
Day-3 : 25th September 2024		
1500 – 1600	DWR Base products generation (A-Scope, B-Scope, PPI, RHI, VCUT, CAPPI, Layer, Max, ETOP, EBASE etc)	Mr. Rohit Shukla, Sc-D
1600 – 1700	Doppler radar Derived products a) Hydrological b) Wind c) Aviation d) Warning	Mr. Jan Mohmmad, Sc-D
1700 – 1800	Hands-On Guide to Thunderstorm Monitoring and Nowcasting Using Advanced Weather Radar Technology	Mr. Anand Shankar, Sc-D
Day-4 : 26th September 2024		
1500 – 1600	Radar, Testing Measurements & Calibration of Major Modules	Mr. Prayek Sandepogu & Mr. BAM Kannan, Sc. F
1600 – 1700	Overview on Radar based Nowcasting	Mr. R. Bibraj, Sc. D
1700 – 1800	Overall view of DSS at IMD with special emphasis on DWR based DSS	Mr. Anshul Chauhan, Sc. D
Day-5 : 27th September 2024		
1500 – 1600	A layman's approach to Radar-raingauge rainfall intercomparison	Mr. Rohit Taplyal, Sc-D
1600 – 1700	Severe Weather Analysis (“Hail Storms”) using Radar Data [Hands-on with Python Codes]	Mr. BAM Kannan, Sc. F
1700 – 1800	Discussion, feedback & Review session	All resource persons and participants


 Kapil Chamoli,
 Met -A, ICITC (ISSD)