

SHORT TERM REFRESHER COURSE ON "UPPER AIR INSTRUMENTS & RADARS"

Dates: Five Working Days

Event Format: Online Course

Host: RTC NEW DELHI, INDIA

Language: Hindi, English

Description	The Information Communication and Instrumentation Training Centre (ICITC), RTC New Delhi is offering a Refresher Training Programme to the departmental / extra departmental personnel working as Scientist / Meteorological Technicians/ Operators. A five working days Short-Term Training Course, which will be helpful to the professionals to improve their skills as well as refresh the subject. The mode of the training programme is online only. The subjects " Upper Air Instruments & RADARS " broadly covers the topics including measurement of upper air pressure, temperature, wind and humidity, methods of upper wind observations, radiosonde, radio theodolite, radars, computation of meteor reports, principles of measurement of upper air temperature, pressure and humidity by meteorograph, radiosonde, principles of measuring winds by radar and radio theodolites, GPS radiosonde, GPS receiver, radars, lidars, wind profilers, satellite based profiles, their uses and significance along with trouble shooting and calibration techniques.
Qualification	B.Sc./ M.Sc./ B.E./ B. Tech./ BIP-MT or equivalent
Target Audience	Related to Meteorology
Organizer	India Meteorological Department, Ministry of Earth Sciences, Government of India
Expected Outcomes	The Course will address: The use of upper Air Instruments for measurement of upper air pressure, temperature, wind and humidity, methods of upper wind observations, radiosonde, radiotheodolite, radars, computation of meteor reports, principles of measurement of upper air temperature, pressure and humidity by meteorograph, radiosonde, principles of measuring winds by radar and radio theodolites, GPS radiosonde, GPS receiver, radars, lidars, wind profilers, satellite based profiles, their uses and significance along with their trouble shootings and calibration techniques.