



**Centre for Climate Research & Studies**  
**South Asian Institute for Advanced Research & Development**  
**(SAIARD)**

in association with

**India Meteorological Department, Govt. of India,**  
**Kolkata Regional Chapter**

*Offers*

**15 Hrs. Online Certificate Course on**  
**Doppler Weather Radar**  
**in Understanding, Monitoring &**  
**Predicting Severe Weather Phenomena**

**SATURDAY & SUNDAY**

**DATES**

**26 & 27 Dec, 2020; 2 & 3, 9 & 10, 16 & 17, 23 & 24 Jan, 2021**



## Course Brief

**Course Code:** DWRP

**Course Hours:** 15 Hrs.

**Credit Value:** 01

**Course Timing:** 12:00 – 1:30 P.M. in each Sat & Sun

**Certificate:** Will be issued by both SAIARD & IMD

## Target Audience

Researchers on Climate Change, Environment, Social sciences, Agriculture, Water Resource Management, etc. Officials from Airport, Navy and other civil services etc.

## Broad Course Outlines

- *Details about Doppler Radar*
- *Principle of Doppler Weather Radar*
- *Radar Range Equation*
- *Block diagram of Doppler Weather Radar(DWR)*
- *Concept of Decibel(dB), dBm, dBZ*
- *Base products generated by DWR*
- *Derived products from Base data and their interpretation and significance to weather observations*
- *DWR in monitoring and predicting severe weather Phenomena and case studies*



## Registration Link

<https://forms.gle/Nhow1rLpkL7Mnmn5A>

**Registration Fees: (Non-Refundable)**

**Academic Fraternities - 1500/-**

**Govt. or Non-Govt. Officials - 3000/-**

## Bank Details

**Bank Name: State Bank of India**

**Branch: Baghajatin Station Road Branch**

**Beneficiary Name: SAIARD**

**A/C No: 38377901244**

**IFSC Code: SBIN0016629**

(Candidates may pay through Google Pay/NEFT/Online Transfer Mode )

## For Any Queries

**Website: [www.saiard.co.in](http://www.saiard.co.in)**

**Email: [saiardkolkata@gmail.com](mailto:saiardkolkata@gmail.com)**

**WhatsApp: +91- 6289169916**