

## Short Bio-data

Name: **Dr. Mrudula G**

Designation : **Senior Principal Scientist**

Qualification: **Ph.D in Atmospheric Sciences**

Division: **CEM**

Experience in Years : **27 years (Including Ph.D tenure)**

Area of Expertise:

**Atmospheric Science/Physics/Atmospheric Electromagnetics /Aviation Meteorology**

Specialisation:

**Lightning protection schemes for aircrafts**

**Attenuation correction techniques**

**Computational techniques**

**Numerical Weather Prediction / Modelling**

**Hybrid modelling inclusive of AI/ML and Statistical techniques**

**Radar Meteorology**

**Monsoon/Cyclone Studies**

**Atmospheric Physics**

Publications:

**1 book, 1 Book chapter, 15 Journal papers, 78 Conference papers, 98 NAL Project documents, 35 NAL test reports**

