

Short Bio-data

Name: **Dr. Mrudula G**

Designation : **Senior Principal Scientist**

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

Division: **CEM**

Experience in Years : **28 years (Including Ph.D tenure)**

Area of Expertise:

Atmospheric Science/Physics/Atmospheric Electromagnetics /Aviation Meteorology

Specialisation:

Lightning protection schemes for aircrafts

HIRF Effects

EMI/EMC

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, 18 Journal papers, 90 Conference papers, 100 NAL Project documents, 35 NAL test reports

