

Curriculum vitae



Name : Aswathy.R.P
Designation : Senior Research Fellow
Email : ashwathy_rp [at]vssc[dot]gov[dot]in

Research Area & Research interest

: Ionospheric Physics

Research supervisor : Dr. Manju G.

Academic Qualifications :

M.Sc. Physics	Kerala University (2013)
B.Sc. Physics	Kerala University (2011)

Fellowships :

- ISRO Junior Research Fellowship (2014)
- CSIR UGC-NET (2012)
- GATE (2014)

Papers published :

- G. Manju, M.K. Madhav Haridas, **R.P. Aswathy** 'Role of gravity wave seed perturbations in ESF day-to-day variability: A quantitative approach' Advances in Space Research 57 (2016) 1021–1028

- Manju G., **R.P. Aswathy** (2017), Climatology of GW-TIDs in the magnetic equatorial upper thermosphere over India, , *J. Atmos. Terr. Phys*, 164 ,142–148
- **Aswathy, R.P.**, Manju, G., (2017), Gravity wave control on ESF day-to-day variability: an empirical approach. *J. Geophys. Res.*, 122,6791-6798
- **Aswathy R. P.** and G. Manju (2018), Hind-casting of Equatorial Spread F (ESF) using seasonal empirical models ,*J.Geophy.Res*, 123, 1515–1524