

### Publications /Conferences /Proceedings:

- Forecasting Summer Rainfall Over India Using Genetic Algorithm  
C.M.Kishtawal, Sujit Basu, **Falguni Patadia** and P.K. Thapliyal  
*(Geophysical Research Letter, in Press)*
- Observations of Indian Ocean tropical cyclones by 85 GHz channel of TRMM microwave imager (TMI)  
C.M.Kishtawal, **Falguni Patadia**, and P.C.Joshi  
*(Communicated to International Journal of REMOTE SENSING)*
- Geolocation of Indian Ocean Tropical Cyclones Using 85 GHz Observations from TRMM Microwave Imager (TMI)  
**Falguni Patadia**, C.M.Kishtawal, P.K.Pal, and P.C.Joshi  
*(Communicated to Current Science)*
- Comparison of TRMM Observations of Monthly Rainfall with Surface Measurements over Indian Subdivisions  
**Falguni Patadia**, C.M.Kishtawal, P.K.Pal and P.C.Joshi  
*(Communicated to International Journal of Climatology)*
- Multi-Satellite observation of Indian Ocean tropical cyclones.  
**Falguni Patadia**, C.M.Kishtawal, and P.C.Joshi  
*(Presented at ISRS Symposium at Ahmedabad, India in December 2001)*
- Surface Wind and Precipitation Patterns of Indian Ocean Tropical Cyclone: A Study Using Satellite Observations  
**Falguni Patadia**, C.M.Kishtawal, and P.C.Joshi  
*(Presented at TROPMET – 2002 Symposium held at Bhubaneswar, India–  
“Best Paper awarded”)*
- Use of Satellite Microwave Sensors in Qualitative Evaluation of Surface Level Moisture Influx and Study of its Impact on the Intensification of Indian Ocean Tropical Cyclones.  
C.M.Kishtawal, Sujit Basu, **Falguni Patadia** and P.K. Thapliyal  
*(Paper under Preparation)*