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List of Publications

1. **Kriti Yadav**, Jagdish Prasad Maurya, and Sanjay Kumar Pandey, "A generalized analytical viscous model for steady-state atmospheric vortices," **Physica Scripta**, **99**(7), (2024) 075233.
2. Sanjay Kumar Pandey and **Kriti Yadav**, "A mathematical model for viscous flow dynamics of tropical cyclones," **European Journal of Mechanics - B/Fluids**, **111**, (2025) 72–80.
3. Sanjay Kumar Pandey and **Kriti Yadav**, "A temporal model for the complete life-cycle of dust devils: From genesis to decay," (Under Review).
4. Sanjay Kumar Pandey and **Kriti Yadav**, "A viscous model for atmospheric vortices with a central depression of pressure," (Under Review)
5. Sanjay Kumar Pandey and **Kriti Yadav**, "An analytical model for whirlwinds of finite width rising with bounded velocity and decaying outflow: Application to dust devils," (Communicated)
6. Sanjay Kumar Pandey and **Kriti Yadav**, "An Analysis of Generalized Velocity Field for Atmospheric Vortices: Application to Dust Devils" (Communicated).
