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AREA OF RESEARCH: Mathematical Modelling

PUBLICATIONS: (IN JOURNALS)

1. Sapna Devi and **Rameshwar Prasad Mishra**, A Plant-Pollinator-Pesticide Model, **Nonlinear Studies**, (2020), **27(4)**, 1003-1019. (SCOPUS Indexed)
2. Sapna Devi and **Rameshwar Prasad Mishra**, A Mathematical Model to See the Effects of Increasing Environmental Temperature on Plant-Pollinator Interactions, **Modeling Earth Systems and Environment** (2020), **6(3)**, 1315-1329. DOI: 10.1007/s40808-020-00763-4. (SCOPUS Indexed)
3. Sapna Devi and **Rameshwar Prasad Mishra**, Preservation of the forestry biomass and control of atmospheric CO₂ using concept of reserved forestry biomass, **International Journal of Applied and Computational Mathematics** (2020), **6(1)**, 1-26, DOI: 10.1007/s40819-019-0767-z . (SCOPUS Indexed)
4. Sapna Devi and **Rameshwar Prasad Mishra**, Non-constant prey harvesting in a ratio-dependent predator-prey system with predator self-limitation and Prey using a constant refuge, **International Journal of Ecology & Development** (2018), **33(2)**, 128-144..

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