

RESUME

Name : Dr. Prashant Kumar
E-mail : prashantk@hindustanuniv.ac.in
Designation : Assistant Professor(SG)
Degree (highest degree with year of graduation) : Ph.D.
Experience : Industry : Academic : 8
1.5
Specialization : Aerodynamics and Space Dynamics
Research Area : Photo-gravitational Restricted Three
Body Problem



Publication details:

1. Prashant Kumar, Ram Krishnan Sharma, (2020). Periodic orbits in the neighborhood of the triangular equilibrium points in the photogravitational restricted three body problem – Part 1, Indian Journal of Science and Technology,13(32)3275-3294.
2. Prashant Kumar, Ram Krishnan Sharma, (2020). Effect of radiation pressure on resonant periodic orbits in photo gravitational restricted three body problem. International Journal of Mechanical and Production Engineering Research and Development, 10, 1167-1178.
3. Prashant Kumar, Ram Krishnan Sharma, (2019). Resonant periodic orbits in Sun-Jupiter and Sun-Mercury photo gravitational restricted three-body problem. International Journal of Mechanical and Production Engineering Research and Development, 9, 267-278.
4. Prashant Kumar, Ram Krishnan Sharma, (2019).On merging of resonant periodic orbits 4:3; 3:2 and 2:1 in Sun-Jupiter photo gravitational restricted three-body problem, International Journal of Advanced Astronomy,7, 17-24.
5. Hariprasad P, Prashant Kumar, Ram Krishnan Sharma, (2018).Finite periodic orbits around L4 in photo gravitational restricted three–body problem. Physics and Astronomy International Journal, 2,382–387.

Funded project details: Nil

Consultancy project details: Nil

Conference attended/organized: 2

Workshop attended/ organized: 3

Seminar attended/organized: 4