

Department of Mathematics

Analysis of Periodic and Quasiperiodic Orbits in the Photo-gravitational Restricted Three Body Problem with Oblateness

A Thesis Submitted to
The M. S. University of Baroda

For the Degree of

Doctor of Philosophy

in

Mathematics

by

Pathak Niraj Markandbhai

under the guidance of

Prof. V. O. Thomas

September, 2017