

Declaration

I declare that the thesis entitled **A Study of Circular and Elliptical Restricted Three Body Problems with Perturbations** has been prepared by me under the guidance of *Dr. V. O. Thomas*, Professor, Department of Mathematics, Faculty of Science, The Maharaja Sayajirao University of Baroda, Vadodara-390002. The content included in this thesis is the outcome of research work carried out by me at Department of Mathematics, Faculty of Science, The Maharaja Sayajirao University of Baroda, Vadodara-390002. Due acknowledgment has been made in the text to all materials used. No part of the thesis has formed the basis for the award of any degree or fellowship previously to any University or Institution.



Sheth Dhvani Umesh

Vadodara

July 2023

Forwarded through research guide.



Dr. V. O. Thomas

(Guide)

Professor

Department of Mathematics

Faculty of Science

The M.S. University of Baroda

Vadodara-390 002

Vadodara

July 2023