



Department of Applied Mathematics

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# Controllability Analysis of Some Nonlinear Dynamical Systems

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

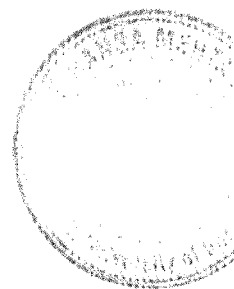
For The Degree of  
**Doctor of Philosophy**  
in  
**Applied Mathematics**

by  
**Jaita Pankaj Sharma**

under the guidance of  
**Prof. Raju K George**

Faculty of Technology & Engineering  
The M. S. University of Baroda  
Vadodara - 390 001

August, 2007



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