## Certificate

This is to certify that Ms Jaita P Sharma has worked under my guidance to prepare the thesis entitled "Controllability Analysis of Some Nonlinear Dynamical Systems" which is being submitted herewith towards the requirement for the degree of Doctor of Philosophy in Applied Mathematics.

Prof. Raju K George

University Institute of Chemical Technology

Matunga, Mumbai - 400 019.

Dr. D. P. Patel

Head,

Dept. of Applied Mathematics Fac. of Technology & Engineering

The M. S. University of Baroda

Vadodara-390 001.

Prof. B. S. Parekh

Dean,

Fac. of Technology & Engineering

The M. S. University of Baroda

Vadodara-390 001.