

**DEVELOPMENT OF ALTERNATE DRUG DELIVERY  
SYSTEMS FOR DRUGS USED IN TREATMENT OF  
CHRONIC DISEASES**

A thesis submitted to  
**THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA**

For the award of the degree of

**DOCTOR OF PHILOSOPHY  
in  
PHARMACY**

By  
**PIYUSH K. MUNDADA**

Under the guidance of  
**PROF. KRUTIKA K. SAWANT**



Pharmacy Department,  
Faculty of Pharmacy,  
The M. S. University of Baroda,  
Vadodara-390 001

MAY 2016