

# **Study of Decay Properties of Heavy Flavor and Exotic Hadrons**

A thesis submitted to

**The Maharaja Sayajirao  
University of Baroda**

For the Degree of

**Doctor of Philosophy**  
in  
**Applied Physics**

by

**Soni Nakul Rajendrakumar**

Reg. No.: FOTE/873, Reg. Date: March 06, 2015

Under Supervision of

**Dr. Jignesh N Pandya**



Applied Physics Department  
Faculty of Technology and Engineering  
The Maharaja Sayajirao University of Baroda  
Vadodara 390 001, Gujarat, INDIA.

**February 2019**