

**INVESTIGATIONS INTO MR BRAKES
(MAGNETORHEOLOGICAL BRAKES) FOR AUTOMOTIVE
APPLICATIONS**

**A THESIS SUBMITTED TO
SHIVAJI UNIVERSITY, KOLHAPUR
FOR THE DEGREE OF**

DOCTOR OF PHILOSOPHY

IN

MECHANICAL ENGINEERING

**UNDER THE FACULTY OF
ENGINEERING & TECHNOLOGY**

BY

Mr. SATYAJIT R. PATIL

UNDER THE GUIDANCE OF

Dr. SURESH M. SAWANT

**PROFESSOR, DEPARTMENT OF MECHANICAL ENGINEERING
RAJARAMBAPU INSTITUTE OF TECHNOLOGY, RAJARAMNAGAR**

SHIVAJI UNIVERSITY, KOLHAPUR- 416004

INDIA

2017