

**“FORMULATION, IN VITRO-IN SILICO EVALUATION
AND DEVELOPMENT OF PHARMACOKINETIC MODELS
FOR SUSTAINED RELEASE FORMULATIONS OF
ANTIEMETIC DRUGS”**

A thesis submitted for the degree of

**DOCTOR OF PHILOSOPHY
IN
PHARMACY**

By

Dabke Amit Prakash (Reg. No.: FOPH/32)
M. Pharm (Bio-pharmaceutics)

Under the Guidance of
Dr. Krutika K. Sawant
Professor and Ex. Head & Ex. Dean, Faculty of Pharmacy

Under the Co-guidance of
Dr. Ajay J. Khopade
Vice President & Head- Formulation R&D
Sun Pharmaceutical Industries Limited

Submitted to



Faculty of Pharmacy,
The Maharaja Sayajirao University of Baroda,
Vadodara-390002, Gujarat, India.

March - 2025