

**DESIGN, SYNTHESIS AND BIOLOGICAL EVALUATION OF  
NOVEL BRUTON'S TYROSINE KINASE (BTK) INHIBITORS**

**A Thesis Submitted to  
The Maharaja Sayajirao University of  
Baroda for the Degree of**

**Doctor of Philosophy**

**IN  
CHEMISTRY**

**BY  
Joshi Darshankumar Ashvinbhai**



**Department of Chemistry  
Faculty of Science  
The Maharaja Sayajirao University of  
Baroda, Vadodara-390 001**

**July 2023**