

**Design, Synthesis and Biological Evaluation of  
Novel PI3K $\delta$  Inhibitors for the Treatment of  
Leukemia and Inflammatory Diseases**

A Thesis Submitted to

The Maharaja Sayajirao University of Baroda for  
the Degree of

**Doctor of Philosophy**

**IN**

**CHEMISTRY**

**BY**

**BHUSHAN DAVE**



**Department of Chemistry**

**Faculty of Science**

**The M. S. University of Baroda**

**Vadodara-390 001**

**December 2021**