

## Certificate

This is to certify that Thesis titled *Systems Modeling of Target and Chemical Profiles of Drugs to Predict Their Phenotypic Side Effects With Canonical Correlation Analysis*, submitted by *Rakesh Kanji* (PG201282007) to the Indian Institute of Technology Jodhpur in partial fulfilment of the requirements for the award of the degree of Doctor of Philosophy, is a bonafide record of the research work done by him under our supervision. To the best of our knowledge, the contents of this thesis in full or in parts, have not been submitted to any other Institute or University in India or abroad for the award of any degree or diploma.

*Head, Department of Bioscience and Bioengineering*  
Ph.D. Thesis Supervisor

*Ganesh Bagler*  
Ph.D. Thesis Co-Supervisor

