


# CERTIFICATE

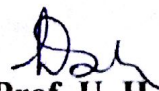
Certified that the work incorporated in the thesis entitled “X-ray crystallographic investigations, quantum chemical calculations, Hirshfeld surface analysis and molecular docking studies of significant sulfonamide derivatives”, submitted by **Kinjalben Dashrathlal Patel**, comprises the result of independent and original investigations carried out. The material that has been obtained (and used) from other sources has been duly acknowledged in the thesis.

Date: 15/10/2016  
Place: Vallabh Vidyanagar


  
**Kinjal D. Patel**  
(Research Student)

This is certified that the work mentioned above is carried out under my guidance.

Date: 15/10/2016  
Place: Vallabh Vidyanagar

  
**Prof. U. H. Patel**  
(Research Guide)

Forwarded Through

  
**Prof. U. H. Patel**  
(Head)

HEAD  
DEPARTMENT OF PHYSICS  
SARDAR PATEL UNIVERSITY  
VALLABH VIDYANAGAR

