



## Pharmacy Department

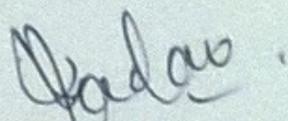
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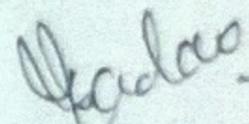
### CERTIFICATE

This is to certify that the thesis entitled, "COMPUTATIONAL DESIGNING OF SOME NOVEL ENZYME INHIBITORS" submitted for the Ph. D. Degree in Pharmacy by Mr. Ashish Mohanrao Kanhed incorporates the original research work carried out by him under my supervision and no part of this work has been previously submitted for any degree.



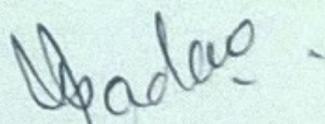
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Prof. M. R. Yadav



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## CERTIFICATE

This is to certify that the following publications have arisen out of the research work carried out by my Ph.D. student Mr. Ashish Mohanrao Kanhed who is submitting his thesis entitled "COMPUTATIONAL DESIGNING OF SOME NOVEL ENZYME INHIBITORS", to The Maharaja Sayajirao University of Baroda, Vadodara for the award of Ph.D. degree in Pharmacy.

Prof. M. R. Yadav  
Research Supervisor  
Pharmacy Department  
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1. Ashish M. Kanhed, Radha Charan Dash, Nishant Parmar, Tarun Kumar Das, Rajani Giridhar and Mange Ram Yadav. Benzo[e]pyrimido[5,4-b][1,4]diazepin-6(11H)-one Derivatives as Aurora A Kinase Inhibitors: LQTA-QSAR Analysis and Detailed Systematic Validation of the Developed Model. *Molecular Diversity*, 2015, Volume 19, Issue 4, pp 965-974.
2. Ashish M. Kanhed, Anshuman Sinha, Jatin Machhi, Ashutosh Tripathi, Zalak S. Parikh, Prakash P. Pillai, Rajani Giridhar and Mange Ram Yadav. Discovery of isoalloxazine derivatives as a new class of potential anti-Alzheimer agents and their synthesis. *Bioorganic Chemistry*, 2015, Volume 61, pp 7-12.
3. Ashish M. Kanhed, Vishal P. Zambre, Vijay A. Pawar, Mayank Kumar Sharma, Rajani Giridhar and Mange Ram Yadav. Structural requirements for imidazo[1,2-a]pyrazine derivatives as Aurora A kinase inhibitors and validation of the model. *Medicinal Chemistry Research*, 2014, Volume 23, Issue 12, pp 5215-5223.