



# FACULTY OF PHARMACY

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Accredited Grade "A" by NAAC

Department of Special Assistance, University Grants Commission

## CERTIFICATE

This is to certify that the following publications have arisen out of the research work carried out by our Ph.D. student Mr. Riyaj Shaukat Tamboli who is submitting his thesis entitled "DESIGN, SYNTHESIS AND ANTIPLATELET ACTIVITY OF SOME HETEROCYCLIC COMPOUNDS" to The Maharaja Sayajirao University of Baroda, Vadodara for the award of Ph.D. degree in Pharmacy.

Guide

Dr. R. C. Mashru



Co-Guide

Prof. M. R. Yadav

1. Room-temperature ionic liquid–DMSO promoted and improved one-pot synthesis of 5, 6-diaryl-1, 2, 4-triazines. **Tamboli, R. S.**, Giridhar, R., Mande, H. M., Shah, S. R., and Yadav, M. R. (2014). *Synthetic communications*, 44 (15), 2192-2204.
2. Design, green synthesis and pharmacological evaluation of novel 5, 6-diaryl-1,2,4-triazines bearing 3-morpholinoethylamine moiety as potential antithrombotic agents. **Tamboli, R. S.**, Giridhar, R., Gandhi, H. P., Kanhed, A. M., Mande, H. M., and Yadav, M. R. (2016). *Journal of enzyme inhibition and medicinal chemistry*, 31(5), 704-713.
3. Neuroprotective role of novel triazine derivatives by activating Wnt/ $\beta$  catenin signaling pathway in rodent models of Alzheimer's disease. Sinha, A., **Tamboli, R. S.**, Seth, B., Kanhed, A. M., Tiwari, S. K., Agarwal, S., and Yadav, M. R. (2015). *Molecular neurobiology*, 52(1), 638-652.



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This is to certify that the thesis entitled "DESIGN, SYNTHESIS AND ANTIPLATELET ACTIVITY OF SOME HETEROCYCLIC COMPOUNDS" submitted for Ph. D. degree in Pharmacy by Mr. Riyaj Shaukat Tamboli incorporates the original research work carried out by him under our supervision.

Guide

(Dr. R. C. Mashru)  
Associate Professor



Co-Guide

(Dr. M. R. Yadav)  
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