

**DESIGN, SYNTHESIS AND CHARACTERIZATION OF
NOVEL DIARYLSULFONYLUREA-CHALCONE HYBRIDS
AS POTENTIAL ANTI-INFLAMMATORY AGENTS**

Thesis Submitted to the GITAM University
In Partial fulfillment of the requirements for the Degree
of Doctor of Philosophy in *BIOINFORMATICS*

by

Bharat Kumar Bugata M.Pharmacy

Under the supervision of

Dr. D. S. V. G. K KALADHAR Ph.D.



**DEPARTMENT OF BIOCHEMISTRY AND BIOINFORMATICS
GITAM UNIVERSITY
VISAKHAPATNAM-530045, INDIA
2015**