

## **DECLARATION**

I hereby declare that the original research work embodied in the thesis entitled *“Synthesis, characterization and antibacterial activity of some novel benzo[b]furan chalcones, hydrazones, methanones and benzosuberone amide derivatives”* submitted to Acharya Nagarjuna University for the award of degree of Doctor of Philosophy (Ph. D.) in chemistry of the faculty of Physical sciences is the outcome of investigations carried out by me under the supervision of **Dr. J. Venkateswara Rao**, Associate Professor, Department of Chemistry, Bapatla Engineering College, Bapatla, affiliated to Acharya Nagarjuna University. I declare that the work incorporated is original and due acknowledgement has been made wherever it is not so. The same has not been submitted elsewhere for any degree or diploma.

I also declare that I am solely responsible for the genuineness of the findings/observations pertaining to these studies in order to complete this thesis.

**(Krishna Reddy Vuyyuru)**

Date:

Research Fellow