

DECLARATION

I hereby declare that the research work embodied in this thesis entitled **“Natural 1,4-naphthoquinone based New Chemical Entities: Synthesis, Anticancer and Anti-inflammatory Activities”** submitted to the Acharya Nagarjuna University for the award of the Degree of Doctor of Philosophy (Ph.D.) in chemistry was carried out by me under the supervision of Dr. U. V. Mallavadhani, Senior Principal Scientist and Head, Natural Products Chemistry Division, CSIR-Indian Institute of Chemical Technology, Hyderabad. It is original and has not been submitted elsewhere for any degree or diploma.

Further, I also declare that, I myself solely responsible for the genuineness of the findings/observations pertaining to these studies in order to compile this thesis.

Date:

(Varaprasad Chakka)