

**ISOLATION & CHARACTERIZATION OF BIOLOGICALLY ACTIVE
COMPOUNDS FROM THE MEDICINAL PLANTS *SALVINIA NATANS* AND
DECALEPIS HAMILTONII AND TOTAL SYNTHESIS OF CLEISTENOLIDE AND
YASHABUSHIDIOL DERIVATIVES**

**A Thesis
Submitted in Partial Fulfillment of the
Requirements for the degree of
Doctor of Philosophy**

**In
Chemistry**

**TO
ACHARYA NAGARJUNA UNIVERSITY**



**By
K. ASHALATHA, M. Sc**

**Under the supervision of
Dr. Y. VENKATESWARLU**

**ORGANIC CHEMISTRY DIVISION -I
INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY
HYDERABAD-500 007
NOVEMBER, 2011**