

**PHYTOCHEMICAL ANALYSIS, ANTIMICROBIAL AND
ANTICANCEROUS ACTIVITY OF *IN VITRO* PROPAGATED
HYBANTHUS ENNEASPERMUS (L.) F. MUELL.**

Thesis submitted to

BHARATHIDASAN UNIVERSITY, THIRUCHIRAPALLI

In partial fulfillment of the requirements

for the award of the degree of

DOCTOR OF PHILOSOPHY IN BOTANY

Submitted by

Mr. M.MURUGAN

(Ref.No.6772/Ph.D.K10/Botany/Part Time/April 2013)

Under the guidance of

Dr. M.KAMARAJ, M.Sc., M.Phil., B.Ed., PGDCA, Ph.D.

Assistant Professor



Since 1951

P.G. AND RESEARCH DEPARTMENT OF BOTANY

(DST-FIST Sponsored Department)

JAMAL MOHAMED COLLEGE (Autonomous)

College with Potential for Excellence

Reaccredited (3rd cycle) with 'A' Grade by NAAC

(Affiliated to Bharathidasan University)

TIRUCHIRAPPALLI - 620 020

TAMIL NADU, INDIA

MARCH 2019