

***IN VITRO* ANTIMICROBIAL ACTIVITY OF  
NANOENCAPSULATED ANTIBIOTICS  
AGAINST MULTI DRUG RESISTANT  
BACTERIA**

**A THESIS**

*Submitted by*

**JAINAMBOO**

*in partial fulfilment for the award of the degree of*

**DOCTOR OF PHILOSOPHY**

Under the supervision of

**Dr. P. K. Praseetha**



**DEPARTMENT OF NANOTECHNOLOGY**

**NOORUL ISLAM CENTRE FOR HIGHER EDUCATION**

(Declared as Deemed-to-be-University under section 3 of U.G.C Act 1956)

**NOORUL ISLAM UNIVERSITY**

(Accredited by NAAC with 'A' Grade)

**KUMARACOIL - 629 180, TAMILNADU, INDIA**

**AUGUST 2017**