



**CHARACTERIZATION AND EVALUATION OF  
ANTIMICROBIAL ACTIVITY BY BIOLOGICALLY  
SYNTHESIZED  $Cu_2O$  NP'S FROM  
*Basella alba*.**

Dissertation Submitted to Department of Studies in Microbiology, University of  
Mysore, Manasagangothri, Mysuru.

In partial fulfilment of the requirements for the award of the degree

**MASTER OF SCIENCE  
IN  
MICROBIOLOGY**

**BY  
VIGNESH H S  
Registration No: MB119131**

**UNDER THE GUIDANCE OF**

**Dr. GEETHA. N  
Associate Professor  
DOS in Biotechnology**

University of Mysore, Manasagangothri, Mysuru.





UNIVERSITY OF MYSORE  
DEPARTMENT OF STUDIES IN MICROBIOLOGY  
MANASAGANGOTRI, MYSORE-570006

Prof S. SATISH  
Chairperson

Phone No: +91 821-241973  
website: [www.uni.mysore.ac.in](http://www.uni.mysore.ac.in)

**CERTIFICATE**

This is to certify that the dissertation work entitled "**Characterization and evaluation of antimicrobial activity by biologically synthesized Cu<sub>2</sub>O NP's from *Basella alba*.**" is submitted to the **Department of Studies in Microbiology, University of Mysore, Mysuru**, in the partial fulfillment for the award of **Master of Science in Microbiology** is a record of bonafide research work carried out by **Mr. Vignesh H.S.** under the guidance of **Dr. Geetha N.**, Associate Professor, DOS in Biotechnology, University of Mysore, Manasagangotri, Mysuru. During April to May 2021.

DATE: 25/09/21

(Prof S. SATISH)

Dr. S. SATISH M.Sc., Ph.D., Post Doc (USA)  
Professor and Chairman  
Department of Studies in Microbiology  
University of Mysore, Manasagangotri  
Mysuru - 570006, Karnataka, INDIA.



UNIVERSITY OF MYSORE  
DEPARTMENT OF STUDIES IN BIOTECHNOLOGY  
MANASAGANGOTRI, MYSORE-570006

Dr. Geetha. N  
Associate Professor

Email: Geethabiotech.uom@gmail.com  
Phone No: +91 821-2419462  
website: [www.uni.mysore.ac.in](http://www.uni.mysore.ac.in)  
Geetha@appbot.uni-mysore.ac.in

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DATE:

  
Dr. GEETHA. N

Dr. Geetha N. M.Sc., M.Phil., Ph.D., Post Doc.  
Associate Professor  
Dept. of Studies in Biotechnology  
University of Mysore, Manasagangotri,  
Mysuru-570 006, INDIA



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