

**Biosynthesis of ZnO nanoparticles from the thorn extract of
Caesalpinia bonducella (L.) and its antibacterial activity**

*A project report submitted to University of Mysore in partial
fulfilment for the award of the Degree of*

**MASTER OF SCIENCE
IN
BOTANY**

Submitted By

MYTHRA B.S.

Reg.No.BO118227

Under the Guidance of

DR. K.N. AMRUTHESH

Professor & IQAC Co-ordinator

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Mysuru – 570 006

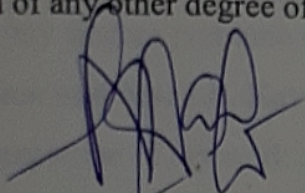
September 2020

CERTIFICATE

I, Mythra B.S. certify that the project report entitled "Biosynthesis of zinc nanoparticles using thorn extract of *Caesalpinia bonducella*(L.) and its antibacterial activity".the result of bonafide work done by me under the supervision of Dr. K.N. Amruthesh, Professor & IQAC Co-ordinator, Department of Studies in Botany, University of Mysore, Mysuru- 570 006.

I am submitting this project report in partial fulfillment of requirements for the award of the degree of **Master of Science in Botany** during the academic year 2019-2020.

I further declare that this project report or part of it has not been submitted previously for the award of any other degree of this University or any other University.



Signature of the Guide

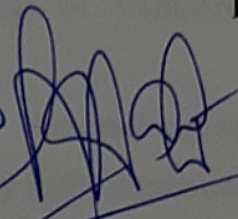
Dr. K.N. Amruthesh

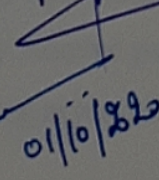
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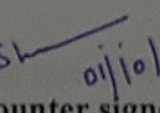
Mythra B.S.
Signature of the student

Ms. Mythra B.S.

Reg. No. BO118227

(1) Value  01/10/2020

(2) MSS  01/10/2020

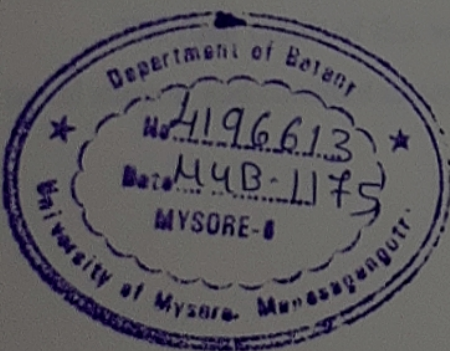
MSS  01/10/2020

Counter signed by

Signature of the Chairperson

Dr. M.S. Sharada

Professor and Chairperson
Department of Studies in Botany
University of Mysore
Manasagangotri, Mysore-570006



Date: 01.10.2020

Place: Mysore