

ಸಂತ ಅಲೋಶಿಯಸ್ ಕಾಲೇಜು
(ಸ್ವಾಯತ್ತ) ಮಂಗಳೂರು - 575 003
www.stalloysius.edu.in



ST ALOYSIUS
COLLEGE(AUTONOMOUS)
MANGALURU - 575 003

Phone: 0824-2449700, 2449701

Fax: 0824-2449705

Email: principal@stalloysius.edu.in

Re-accredited by NAAC with 'A' Grade with CGPA 3.62/4
Recognised by UGC as "College with Potential for Excellence"
Conferred "College with "STAR STATUS" by DBT, Government
of India.
Centre for Research Capacity Building under UGC-STRIDE

DEPARTMENT OF POST GRADUATE STUDIES AND RESEARCH IN BIOCHEMISTRY

CERTIFICATE

This is to certify that the project report entitled " NANOPRIMING EFFECT OF PIPER BEETEL LEAF EXTRACT MEDIATED ZINC OXIDE NANOPARTICLE AND ITS EFFECT ON SEED GERMINATION " is a bonafide work carried out by **Deepashree K S [229408]** under the guidance of **Dr. Remya Varadarajan**, in the Department of Post Graduate Studies and Research in Biochemistry, St. Aloysius College (Autonomous), Mangaluru.

The same is being submitted to the Department of Post Graduate Studies and Research in Biochemistry, St. Aloysius College (Autonomous), Mangaluru in partial fulfilment of the requirements for the award of Master of Science-Biochemistry. No part of this thesis has been presented for the award of any other degree.



Name & Signature of HOD Incharge
Dr. Swarnalatha B N

Name and Signature of Guide
Dr. Remya Varadarajan

1) DR. AKHILA DS.

2) DR. SWARNALATHA B N.