

**“Effects of *Cucumis melo* (Cantaloupe) supplemented diet on Pre-adult fitness, Reproduction, Longevity and Resistance to environmental stress in *Drosophila melanogaster*”**

**A Dissertation submitted to the University of Mysore in partial fulfillment of the requirements for the degree of**

**Master of Science**

**In Zoology**

**By**

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**SUBMITTED TO**

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**University Of Mysore,**

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**May, 2019**

**UNIVERSITY OF MYSORE**  
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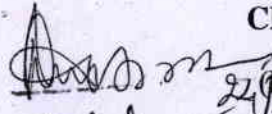
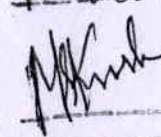
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**CERTIFICATE**

This is to certify that the dissertation (major project) entitled “**Effects of *Cucumis melo*(Cantaloupe) supplemented diet on Pre-adult fitness, Reproduction, Longevity and Resistance to Environmental stress in *Drosophila melanogaster*”** is the record of work undertaken by Ms. AISHWARYA .S. NAMBIAR IV Semester, M.Sc., Zoology, based on the project work carried out by her during the period of her study under my guidance in the Department Of Studies In Zoology, University Of Mysore, Manasagangothri, Mysore. This work has not previously formed the basis for the award of my degree, diploma, scholarship or any other similar titles.

Date: 8/5/19

Place: Mysore

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