

**“EFFECTS OF CARBONATED SOFT DRINKS ON PRE-ADULT FITNESS,  
REPRODUCTION AND RESISTANCE TO ENVIRONMENTAL STRESS IN  
*DROSOPHILA MELANOGASTER*”**

**A DISSERTATION SUBMITTED TO THE UNIVERSITY OF MYSORE IN PARTIAL  
FULFILLMENT OF REQUIREMENTS FOR THE DEGREE OF**

**MASTER OF SCIENCE**

**IN**

**ZOOLOGY**

**BY**

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**UNDER THE GUIDANCE OF**

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**CERTIFICATE**

This is to certify that the dissertation (major project) entitled "Effects of Carbonated soft drinks on Pre-adult fitness, Reproduction and Resistance to Environmental stress in *Drosophila melanogaster*" is the record of work undertaken by Mr. JERLIN SAGAYA RAJ A IV Semester, M.Sc., Zoology, based on the project work carried out by him during the period of his study under my guidance in Department Of Studies In Zoology, University Of Mysore, Manasagangotthri, Mysuru. This work has not previously formed the basis for the award of any degree, diploma, scholarship or any other similar titles.

**Date:** 8.5.19

**Place:** Mysuru

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