# ENERGY DRINKS EFFECTS ON TOXICITY AND DEVELOPMENTAL ASSAY: (PRE-ADULT DEVELOPMENT) AND PUPAL BEHAVIOR OF

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

## **SPOORTHI H (Z0119145)**

IV SEMESTER, M.Sc, ZOOLOGY
UNIVERSITY OF MYSORE, MANASAGANGOTRI, MYSURU-16

## UNDER THE GUIDANCE OF

Dr. M.S. KRISHNA, M.Sc., Ph.D.,

## ASSOCIATE PROFESSOR

DEPARTMENT OF STUDIES IN ZOOLOGY
UNIVERSITY OF MYSORE, MANASAGANGOTRI, MYSURU-16

#### SUBMITTED TO

#### THE PROFESSOR AND CHAIRMAN

DEPARTMENT OF STUDIES IN ZOOLOGY
UNIVERSITY OF MYSORE, MANASAGANGOTRI, MYSURU-16

DISSERTATION WORK PRESENTATION 2021

### DEPARTMENT OF STUDIES IN ZOOLOGY

UNIVERSITY OF MYSORE, MANASAGANGOTRI, MYSURU, KARNATAKA, INDIA – 570006,

TEL: 0821-2419775

DATE	spring to the	
DAIE		

## **CERTIFICATE**

This is to certify that dissertation (major project) entitled "ENERGY DRINKS EFFECTS ON TOXICITY AND DEVELOPMENTAL ASSAY: (PRE-ADULT DEVELOPMENT) AND PUPAL BEHAVIOR OF <u>Drosophila</u> <u>melanogaster</u>" is a bonafide work carried out by SPOORTHI H in partial fulfillment of the requirement for the completion of M.Sc. degree by me. I am submitting this dissertation work to Dos In Zoology, University Of Mysore, Manasagangothri, Mysuru during the year 2020-21

I further declare that this report has not been submitted by me for the award of any degree or diploma to any other university.

Signature of the candidate

Signature of the guide and date

Dr. M.S. Noweles in Zoolog Off M. Sork Department of Zoology
Underly of Mysore 2 006 GAADUA. (With the name of the Chairman of Zoology
Manasagengies Mysore 2 006 GAADUA. (With the name of the Examiners

Signature of the guide and date

Chairperson
Department of Zoology
With the name of the Examiners

Signature of the Examiners