

**EFFECT OF ANTIBIOTIC (AMOXICILLIN AND AZITHROMYCIN) ON PRE
ADULT FITNESS AND REPRODUCTION 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

DEBASMITA DAS (ZO119115)

IV SEMESTER, M.Sc. ZOOLOGY

UNIVERSITY OF MYSORE, MANASAGANGOTRI, MYSURU

UNDER THE GUIDANCE OF

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

ASSOCIATE PROFESSOR

SUBMITTED TO

THE PROFESSOR AND CHAIRMAN

DEPARTMENT OF STUDIES IN ZOOLOGY

UNIVERSITY OF MYSORE, MANASAGANGOTRI, MYSURU

YEAR 2019-2021

UNIVERSITY OF MYSORE
Mysore, Karnataka, India – 570006,
Tel: 0821-2419004

DEPARTMENT OF STUDIES IN ZOOLOGY

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

ASSOCIATE PROFESSOR

DEPARTMENT OF STUDIES IN ZOOLOGY

UNIVERSITY OF MYSORE, MANASAGANGOTRI,

E-MAIL: drosokrish@gmail.com

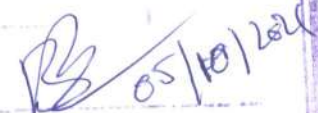
CERTIFICATE


This is to certify that the dissertation work entitled “Effect of antibiotic (amoxicillin and azithromycin) on pre adult fitness and reproduction in *Drosophila melanogaster*” is a record of work undertaken by MS DEBASMITA DAS (ZO119115), IV semester, M.Sc., Zoology based on the project work carried out by her during the period of her study under my guidance in Department Of Studies in Zoology, University Of Mysore Manasagangotri, Mysuru. This work has not previously formed the basis for the award of any other degree, diploma, scholarship or any similar titles.

Place: Mysuru

Date: 13.09.2021

UNIVERSITY OF MYSORE
DEPARTMENT OF POST GRADUATE
STUDIES IN ZOOLOGY

1.  05/10/2021

2.  05/10/21

Dr. M.S. KRISHNA, M.Sc., Ph.D.,
GUIDE
Associate Professor
Department of Studies in Zoology
(Dr. M.S. KRISHNA)
Mysore
Manasagangotri, Mysore 5 - 006

CHAIRPERSON

13/9/21

(PROF. S.S. MALINI)

Chairperson

Department of Zoology
University of Mysore
Mysore - 570 006