

**POPULATION STRUCTURE AND
PHYLOGENY OF THE MEMBERS OF
DISCODORIDIDAE
(MOLLUSCA: NUDIBRANCHIA)**

A Thesis submitted

To the

UNIVERSITY OF MUMBAI

For the

PhD (Science) DEGREE, IN ZOOLOGY

Submitted by

MS. AMRUTA MILIND PRASADE

Under the guidance of

Dr. Leena Murlidharan

Associate Professor, M.Sc., Ph.D.

**The Department of Zoology, Ramniranjan
Jhunjhunwala College, Ghatkopar, Mumbai.**

April 2019

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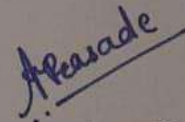
The Department of Zoology, Ramniranjan Jhunjhunwala College,

Ghatkopar, Mumbai.

April 2019

STATEMENT BY THE CANDIDATE

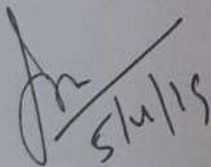
As required by the University ordinance 770, I wish to state that the work embodied in this thesis titled "**Population structure and phylogeny of the members of Discodorididae (Mollusca: Nudibranchia)**" forms my own contribution to the research work carried out under the guidance of Dr. Mrs. Leena Murlidharan at the **Department of zoology, Ramniranjan Jhunjhunwala College of Arts, Science and Commerce, Ghatkopar (west), Mumbai- 400086**. This work has not been submitted for any other degree of this or any other University. Whenever references have been made to previous works of others, it has been clearly indicated as such and included in the bibliography.



Signature of candidate

Name: Amruta Milind Prasade

Certified by:



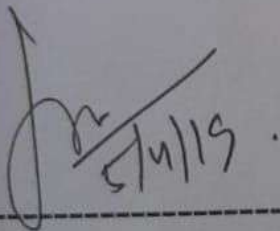
Signature of Research Guide

Name: Dr Leena. M

CERTIFICATE

I certify that thesis entitled “**Population structure and phylogeny of the members of Discodorididae (Mollusca: Nudibranchia)**” presented by Ms. Amruta Milind Prasade represents her original work. this work has been carried out by her at the **Department of zoology, Ramniranjan Jhunjhunwala College of Arts, Science and Commerce, Ghatkopar (west), Mumbai- 400086** in the period of May 2012- April 2019.

I further certify that this is prima facie case for consideration of the thesis for the degree of Doctor of Philosophy.



Handwritten signature and date: 5/4/19.

Dr. Mrs. Leena Murlidharan

Research guide

**A STUDY ON HEAVY METAL ACCUMULATION
IN THE HARPODON SPECIES COLLECTED
FROM SASSOON DOCK, MUMBAI COAST OF
MAHARASHTRA AND THE IMPACT ON
ITS NUTRITIONAL VALUES.**

**A THESIS SUBMITTED
TO THE
UNIVERSITY OF MUMBAI
FOR THE
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IN ZOOLOGY**

**SUBMITTED BY
OZA ARCHANA RAJU**

**UNDER THE GUIDANCE OF
Dr. (MRS.) LEENA MURALIDHARAN**

**DEPARTMENT OF ZOOLOGY
RAMNIRANJAN JHUNJHUNWALA COLLEGE
GHATKOPAR WEST, MUMBAI-400086**

MARCH 2019