## BIODEGRADATION OF CHLORPYRIFOS BY FUNGI-ISOLATED FROM AGRICULTURAL SOIL

A

#### DISSERTATION

Submitted to the University of Mysuru in partial fulfilment for the award of

Master of Science in Environmental Science

Submitted by

PUNYASHREE R (Reg.No:P01ZZ21S0211)

Under guidance of Dr. M S Rakesh Sharma,

# DEPARTMENT OF STUDIES IN ENVIRONMENTAL SCIENCE

UNIVERSITY OF MYSURU,
MANASAGANGOTRI MYSURU-570006

### CERTIFICATE

I, PUNYASHREE R (P01ZZ21S0211), certify that the Dissertation work entitled "Biodegradation of Chlorpyrifos by Fungi Isolated from Agricultural Soil" is the result of the work carried out by me under the guidance of DR. M S RAKESH SHARMA, Department of Studies in Environmental Science, University of Mysore, Manasagangotri, Mysuru. I am submitting this Dissertation work for the award of Master of Science (M.Sc.) degree in Environmental Science by the Mysore University during the year 2022-2023.

I further certify that this work has not been submitted by me for the award of any other degree or diploma of this or any other University.

Signature of Master's Candidate

Signed by me on ... 0 # 09 2023

Signature of Research Supervisor 2

Date: 7/9/23

Date:

Chairperson of the Department



## DEPARTMENT OF STUDIES IN ENVIRONMENTAL SCIENCE

MANASAGANGOTRI, MYSURU-570 006, KARNATAKA, INDIA

Dr. M.S. Rakesh Sharama.

M.Sc., Ph.D

Email:sharma.plus@gmail.com

Phone: 9901316884

#### CERTIFICATE

This is to certify that the dissertation work entitled "Biodegradation of Chlorpyrifos by Fungi Isolated from Agricultural Soil". Submitted to the University of Mysuru by PUNYASHREE R (P01ZZ21S0211) in partial fulfilment of Master of Environmental science is the result of work carried out by her in the Department of Studies in Environmental Science, University of Mysuru under my guidance, during the academic year 2022-2023.

Place: Mysuru

Date: 07/09/23

Dr. M.S. Rakesh Sharama

only kol

(Guide)



## DEPARTMENT OF STUDIES IN ENVIRONMENTAL SCIENCE

MANASAGANGOTRI, MYSURU-570 006, KARNATAKA, INDIA

Dr. G.V Venkataramana

Email:venkataraman\_1970@yahoo.co.in

M.Sc. M.Phil., Ph.D.

Phone: +919449783475

Professor and Chairman

#### CERTIFICATE

This is to certify that the dissertation work entitled "Biodegradation of Chlorpyrifos by Fungi Isolated from Agricultural Soil". Submitted to the University of Mysuru by PUNYASHREE R (P01ZZ21S0211) in partial fulfilment of Master of Environmental science is the result of work carried out by her in the Department of Studies in Environmental Science, University of Mysuru under the guidance of Dr. M S RAKESH SHARMA, Faculty, DOS in Environmental Science Manasagangotri, Mysuru.

Place: Mysuru

Date:

Dr. G V Venkataramana

(Chairman)