

***In silico* molecular modeling and docking of
diallyl sulphide (DAS) on *pseudomonas aeruginosa* lipase enzyme.**

A dissertation thesis submitted to



Department of Biotechnology

Dr. HARISINGH GOUR VISHWAVIDYALAYA

(A Central University)

SAGAR, MADHYA PRADESH

FOR PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE
AWARD OF THE

DEGREE OF MASTER OF SCIENCE in BIOTECHNOLOGY

SUBMITTED BY

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CERTIFICATE

This is to certify that the thesis entitled “*In silico* molecular modeling and docking of diallyl sulphide (DAS) on *pseudomonas aeruginosa* lipase enzyme.” that is being submitted by **DHARINI PANDEY (Y19262003)**, for partial fulfillment of the requirement for the award of **Master of Science** degree in Biotechnology to the Department of Biotechnology, Dr. Harisingh Gour Vishwavidyalaya, Sagar (M.P.) in the year 2021.

This dissertation report has been approved as it satisfies the academic requirement in respect of six month's dissertation work prescribed for the degree of Master of Science in Biotechnology.

DATE: July 26, 2021

Dr. P. K. Khare

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DECLARATION

I hereby declare that the dissertation entitled “*In silico* molecular modeling and docking of diallyl sulphide (DAS) on *pseudomonas aeruginosa* lipase enzyme.” submitted to Dr. Harisingh Gour Vishwavidyalaya Sagar (M.P.) in partial fulfillment of the award of the M.Sc. Degree in Biotechnology is a record of research work done by me under the supervision of Dr. Rajaneesh Anupam (Assistant professor), Department of Biotechnology, Dr. Harisingh Gour Vishwavidyalaya Sagar (M.P.).

The Research work reported here was originally carried out by me *in silico* and the same has not been a part of award of any degree/diploma to any candidate of Dr. Harisingh Gour Vishwavidyalaya, Sagar (M.P.).



26/7/2021

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M.Sc. 4th semester