



Research Project Entitled  
**STUDIES ON RHIZOSPHERE SOIL FUNGI OF MUNGBEAN (*VIGNA  
RADIATA* L.) FOR QUALITATIVE AND QUANTITATIVE ANALYSIS OF  
PRIMARY AND SECONDARY METABOLITES.**

**Submitted to**  
**Savitribai Phule Pune University, Pune**  
**Tuljaram Chaturchand College of Arts, Science and  
Commerce, Baramati (Autonomous)**  
Towards the Partial Fulfillment for the, Degree of Master of  
Science (M. Sc.)

In

**BOTANY**

Under the faculty of Science and Technology

Submitted by

**Mr. Akash Bhadreshwar Koli (M.Sc. II)**

Under the Guidance of

**Mr. P. J. Bankar**

Post Graduate Research Centre,  
Department of Botany, Tuljaram Chaturchand College of  
Arts, Science and Commerce, (Autonomous) Baramati

April, 2023





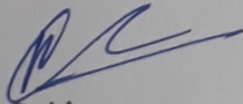
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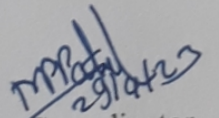
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(Autonomous) Baramati – 413 102, Dist. – Pune  
**Post Graduate Research Centre**  
**DEPARTMENT OF BOTANY**

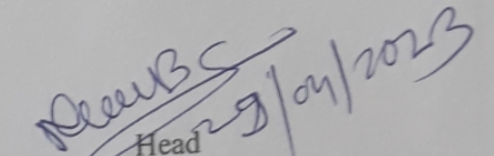
## CERTIFICATE


Exam No. 5876

This is to certify that Mr / Mrs./ Miss. Koli Akash Bhadrshwaz  
of M. Sc. II, Semester IV, has satisfactorily completed research project/ Summer training  
entitled. Studies on rhizosphere soil fungi of  
mungbean for qualitative and quantitative  
analysis of primary and secondary metabolites  
for partial fulfillment of M.Sc. Botany Examination April 2023 as a part of Practical paper  
**BOT 5406** (Research Projects and Summer Training ) and no part of this report/ training  
has been submitted for any other degree or diploma during the year 20 22 - 20 23.

  
Guide

  
Co-ordinator  
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External Examiner

Date: 29/04/23