

**University of Mysore**  
Department of Studies in Genetics and Genomics  
Major Project



**Comparative Analysis of Chemotaxis and Butanol Production from Simple Carbohydrates using *Clostridium acetobutylicum* ATCC 824**

**Submitted by**

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II MSc IV Semester

Department of Studies in Genetics and Genomics

Manasagangothri

**Guided by**

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Department of Studies in Genetics and Genomics

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## CERTIFICATE

This is to certify that major project entitled "Comparative Analysis of Chemotaxis and Butanol Production from Simple Carbohydrates using *Clostridium acetobutylicum* ATCC 824" is the record of the work done by Ms. Bhavana C, 4<sup>th</sup> semester, M.Sc. Genetics, Department of Studies in Genetics and Genomics, University of Mysore, Manasagangotri, Mysuru-06, under the guidance of Dr. Mekhala C N, during the period of her study in the Department of Studies in Genetics and Genomics, University of Mysore, Manasagangotri, Mysuru-06.

Date: 29<sup>th</sup> September 2023  
Place: Mysuru

*Mekhala C N*  
Dr. Mekhala C N

Guide

UNIVERSITY OF MYSORE  
DEPARTMENT OF POST GRADUATE  
STUDIES AND RESEARCH IN  
GENETICS AND GENOMICS  
**VALUED**  
CERTIFICATION  
M.Sc. (.....)

Examiners: 1. *S.S. Malini* 6/10/23  
2. *[Signature]* 6/10/23

*S.S. Malini*  
Dr. Suttur S. Malini 25/9/23

Chairperson  
ಅಧ್ಯಕ್ಷರು

ಜನಿಟಿಕ್ಸ್ & ಜನೋಮಿಕ್ಸ್ ಅಧ್ಯಯನ ವಿಭಾಗ  
ಮೈಸೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ  
ಮಾನಸಗಂಗೋತ್ರಿ, ಮೈಸೂರು - 06

3. *Mekhala C N*  
06/10/23

4. *Laxmi A*  
06/10/23

5. *Pratheek K P*  
6/10/23