



**Department of Studies in Genetics and Genomics**

Manasagangothri, University of Mysore

Mysuru- 570006

**REPORT OF MAJOR PROJECT**

**“Xylan-controlled inhibition of lipid digestion  
using genetically engineered human commensal  
gut bacteria *Bacteroides ovatus*”**

Submitted in partial fulfilment of

M.Sc Genetics course

By,

**Vishnu S**

IV Semester

Reg. no: GN118081

Under the guidance of,

**Dr. Tejas Baba Kalastavadi**

DOS in Genetics and Genomics

Manasagangothri, Mysuru-570006

October, 2020

## CERTIFICATE

This is to certify that the major research project entitled "**Xylan-controlled inhibition of lipid digestion using genetically engineered human commensal gut bacteria *Bacteroides ovatus***" is the record of the work done by Mr. Vishnu S, IV semester, M.Sc. Genetics, under the guidance of Dr. Tejas Baba Kalastavadi, Assistant Professor, Manasagangothri, University of Mysore, during the period of his study in the department of studies in Genetics and Genomics, University of Mysore, Manasagangothri, Mysuru-570006. This work has not previously formed the basis for the award of any degree, diploma, internship or scholarship of any other similar titles.

Date: 30/09/2020

Place: Mysuru

Dr. Tejas Baba Kalastavadi

Assistant Professor

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

Examiners:- 1. 11/10/20  
2. 11/10/20  
3. 11/10/20  
4. *Pratheeba K.P* 11/10/20  
5. 11/10/20

~~Prof. N B Ramachandra~~

~~Former Chairman~~

11/10/20  
Dr. Suttur S Malini

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2