

**ROLE OF FRUCTOOLIGOSACCHARIDE,
BUTTERMILK AND BIOGENIC METABOLITES
RELEASED FROM FERMENTED BEVERAGE (AMBIL)
AS A COMMUNICATOR BETWEEN GUT AND BRAIN.**

By

SHRUTI DWIVEDI

M.Sc. [Foods and Nutrition - Dietetics]

[Registration no. 174]



**Department of Foods and Nutrition
Faculty of Family and Community Sciences
The Maharaja Sayajirao University of Baroda
Vadodara 390002-India**

**ROLE OF FRUCTOOLIGOSACCHARIDE,
BUTTERMILK AND BIOGENIC METABOLITES
RELEASED FROM FERMENTED BEVERAGE (AMBIL)
AS A COMMUNICATOR BETWEEN GUT AND BRAIN.**

**A dissertation submitted in partial fulfillment of the
requirements for the degree of Doctor of Philosophy
(Foods and Nutrition)**

By

SHRUTI DWIVEDI

M.Sc. [Foods and Nutrition - Dietetics]

[Registration no. 174]



**Department of Foods and Nutrition
Faculty of Family and Community Sciences
The Maharaja Sayajirao University of Baroda
Vadodara 390002-India**

April 2022

Certificate

This is to certify that the contents of the thesis entitled “Role of Fructooligosaccharide, Buttermilk and Biogenic metabolites released from fermented beverage (Ambil) as a communicator between gut and brain” submitted for the degree of Doctor of Philosophy by Ms. Shruti Dwivedi is the record of research work carried out by her during the period from March 2017 to April 2022 under my guidance and supervision is her original work, and that this work has not formed the basis for the award of any degree, diploma, associate-ship, fellowship or other titles in this university or any other university or institution of higher learning.

Prof. [Dr.] Mini Sheth

Guide

Prof. [Dr.] Mini Sheth

Head

Department of Foods and Nutrition

Faculty of Family and Community Sciences

The Maharaja Sayajirao University of Baroda, Vadodara 390002-India

