FORMULATION OF SPONGE CAKE ENRICHED WITH HYDROTHERMALLY MODIFIED RESISTANT CORN STARCH AND PLEUROTUS OSTREATUS POLYSACCHARIDE

BY

NAMITA MEDHI

FPT09013
THESIS SUBMITTED TO THE

DEPARTMENT OF FOOD ENGINEERING AND TECHNOLOGY
TEZPUR UNIVERSITY
IN PARTIAL FULFILMENT OF THE REQUIREMENT
FOR THE AWARD OF THE DEGREE OF

MASTER OF TECHNOLOGY

IN

FOOD PROCESSING TECHNOLOGY

Approved by

(P.P. Srlvastav)

External Examiner

Department of AGFE

IIT Kharagpur

(Dr. R. K. Duaffy)
Asst. Prof. and Supervisor

Dr. S. C. Deka

Prof. & Head

Department of Food Engineering and Technology Tezpur University



DEPARTMENT OF FOOD ENGINEERING AND TECHNOLOGY

TEZPUR UNIVERSITY

ASSAM-784028, INDIA

Dr. Raj Kumar Duary

Assistant Professor

CERTIFICATE

This is to certify that the thesis entitled, "FORMULATION OF SPONGE **CAKE ENRICHED** WITH HYDROTHERMALLY **MODIFIED** RESISTANT **CORN STARCH PLEUROTUS** AND **OSTREATUS** POLYSACCHARIDE" submitted by Miss. Namita Medhi towards the partial fulfilment of the award of the degree of Master of Technology (Food Processing Technology) of Tezpur University (Central University), Tezpur, Assam, India, is a bonafide research work carried out by her under my supervision, and no part of the thesis has been submitted for any other institute or University for the award of degree or diploma in any course.

Dated: 28/5/12

(Dr. Raj Kumar Duary)

Major Advisor (Guide)

Declaration

I hereby declare that the project work entitled FORMULATION OF SPONGE CAKE

ENRICHED WITH HYDROTHERMALLY MODIFIED RESISTANT CORN

STARCH AND PLEUROTUS OSTREATUS POLYSACCHARIDE was carried

out by me at the Department of Food Engineering and Technology, Tezpur University, Tezpur,

Assam under the guidance of Dr. R.K. Duary, Assistant Professor, Department of Food

Engineering and Technology.

This project report is being submitted as a partial fulfillment of the requirements for the

award of 'Master of technology in Food Processing and Technology', by Tezpur University,

Tezpur.

I further declare that this project or any part of it has not been submitted elsewhere for

any degree or diploma of any University/Institute.

Date: 28/5/12
Place: Te3 purc

Namita Medhi

FPT09013

ACKNOWLEDGEMENT

I would like to thank my guide Dr. Raj Kumar Duary, Department of Food Engineering and Technology Tezpur University, for his guidance and invaluable support in all stages of my project. He taught me how to do research, how to be productive and how to go forward for doing a research.

I would also like to thank the Head of Department Dr. S.C. Deka Department of Food Engineering and Technology Tezpur University, for providing the opportunity to a project in the Department.

I thank all the people who were directly of indirectly have helped me doing my project work.

I also express my gratitude to all the professors and research scholars of our department. I will like to thank specially of Mr. HimJoyti Dutta and Mr. Anjan Borah for there time and knowledge and helping me with the project. I should also not forget to thank all my friends who supported me helped me in my work