


# OPTIMIZATION OF MICROWAVE PRETREATMENT OF TURMERIC RHIZOME AND ITS DRYING KINETICS

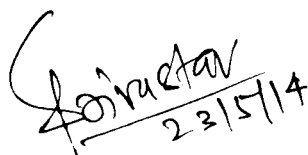
*A thesis submitted to the  
Department of Food Engineering and Technology, Tezpur University  
in partial fulfilment of the requirements for the award of the degree  
of*

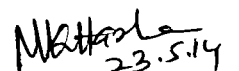
## MASTER OF TECHNOLOGY IN FOOD ENGINEERING AND TECHNOLOGY

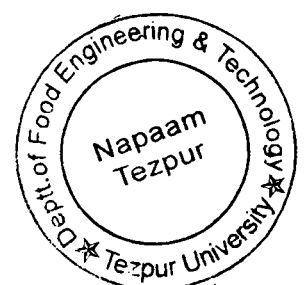
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**Certificate**

This is to certify that the thesis entitled “**Optimization of microwave pretreatment of turmeric and its drying kinetics**” submitted by **Ms. Baby Zaithanpuii Hmar (FPL 12013)** to the **Department of Food Engineering and Technology, Tezpur University** in partial fulfilment of requirements for the award of degree of **Master of Technology** is a bona-fide record of the investigation carried out by her under my supervision. To the best of my knowledge the report embodies an account for her findings and is valid for the purpose for which it is submitted.



(Brijesh Srivastava)

Supervisor

Place: Tezpur University

Date: 30.05.2014

## DECLARATION

I hereby declare that the thesis entitled “**Optimization of microwave pretreatment of turmeric rhizome and its drying kinetics**” was carried out by me at the Department of Food Engineering and Technology, Tezpur University, Tezpur under the guidance of **Dr. Brijesh Srivastava**, Associate Professor, Department of Food Engineering and Technology, Tezpur University, Tezpur.

This Report is being submitted as a M. Tech. project thesis for the partial fulfilment of M. Tech. degree in Food Engineering and Technology by Tezpur University, Tezpur.

I further declare that this Project or any part of it has not been submitted elsewhere for any other degree or diploma to any other University/Institute.

Place: *Tezpur University*  
Date: *30.5.2014*

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Lastly I would like to thank my Parents along with my family members and all my classmates for their constant support for my success.

Place: *Tezpur University*

*Baby Z with a pair*  
(BABY ZAITHANPUH HMAR)