

**STUDIES ON THE EFFECTS OF VARIOUS PRE-TREATMENTS ON
DEGRADATION KINETICS OF LYCOPENE, POLYPHENOLS AND
ASCORBIC ACID DURING CONVECTIVE DRYING OF TOMATO
WASTE**

By

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**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 AND TECHNOLOGY

Approved by


(Mr. Nandan Sit)

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Certificate of the head of the Department

This is to certify that Miss Sadhana Sharma a student of the Department of Food Engineering and Technology, Tezpur University, Assam has successfully completed the project work entitled “STUDIES ON THE EFFECTS OF VARIOUS PRE-TREATMENTS ON THE CONTENTS OF LYCOPENE, POLYPHENOLS AND ASCORBIC ACID DURING CONVECTIVE DRYING OF TOMATO WASTE” as a part of completion of her 6th semester of M.Tech. in Food Engineering and Technology under the complete supervision of Mr. N. Sit, Assistant Professor, Department of Food Engineering and Technology, Tezpur University.

Place: Tezpur University.

Date: 25/05/2013


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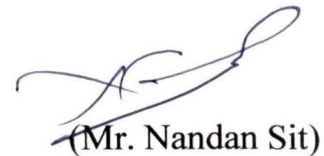
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Certificate by the supervisor

I certify that the project entitled “STUDIES ON THE EFFECT OF VARIOUS PRE-TREATMENTS ON THE CONTENTS OF LYCOPENE, POLYPHENOLS AND ASCORBIC ACID DURING CONVECTIVE DRYING OF TOMATO WASTE” submitted by Miss Sadhana Sharma(FPT10001) to the Department of Food Engineering and Technology , Tezpur University in partial fulfillment of M.Tech Degree embodies the record of original investigation carried out by her under my supervision. To the best of my knowledge the project embodies account for her own findings and has not been submitted previously anywhere for any Degree what so ever by either her or anyone else.

Place: Tezpur University.

Date: 25/5/13



(Mr. Nandan Sit)

DECLARATION

I hereby declare that the thesis entitled “STUDIES ON THE EFFECTS OF VARIOUS PRE-TREATMENTS ON THE CONTENTS OF LYCOPENE, POLYPHENOLS AND ASCORBIC ACID DURING CONVECTIVE DRYING OF TOMATO WASTE” was carried out by me at the Department of Food Engineering and Technology , Tezpur University, Tezpur , under the guidance of Mr.Nandan Sit ,Assistant Professor , Department of Food Engineering and Technology , Tezpur University, Tezpur .

This thesis is being submitted as major project report for the completion of 6th semester of “MASTER OF TECHNOLOGY IN FOOD ENGINEERING AND TECHNOLOGY” to 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.

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Sadhana Sharma