

**Characterization of Endo-xylanase  
from *Thermomyces lanuginosus* for production of  
Xylooligosaccharides**

**Dissertation submitted for the partial fulfillment for the degree of**

**MASTER OF SCIENCE**

**IN**

**MICROBIOLOGY**

**2019**



**By**

**SURESH NATH**

**Y17464015**

**Department of Microbiology,**

**Dr. Harisingh Gour Vishwavidyalaya, Sagar- 470003,  
M.P.**

**Supervisors**

**Dr. Pratyooch Shukla**

Professor & Head, Department of  
Microbiology, Maharshi Dayanand  
University, Rohtak- 124001, Haryana

**Dr. Naveen Kango**

Professor & Head, Department of  
Microbiology, Dr. Harisingh Gour,  
Vishwavidyalaya, Sagar- 470003, M.P.



## Department of Microbiology

Dr. Harisingh Gour Central University

Sagar- 470003, M.P.

Tel: 91-94256-35736

Mail: [nkango@gmail.com](mailto:nkango@gmail.com)

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Date: \_\_\_\_\_

### CERTIFICATE

This is to certify that **Mr. SURESH NATH** has worked on the dissertation entitled "**Characterization of Endo-xylanase from *Thermomyces lanuginosus* for production of Xylooligosaccharides**" under my guidance and supervision.

This dissertation is being submitted to the **Department of Microbiology, Dr. Harisingh Gour Vishwavidyalaya, Sagar** for the partial fulfillment for the award of **Master of Science in Microbiology (2019)**. This dissertation is an original work done by the student himself and has not been submitted for award of any other degree.

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## Declaration

I hereby declare that the dissertation entitled “**Characterization of Endo-xylanase from *Thermomyces lanuginosus* for production of Xylooligosaccharides**” is a record of work done by me under the supervision of **Prof. Pratyosh Shukla**, Department of Microbiology, Maharshi Dayanand University, Rohtak, Haryana and Dr. Naveen Kango, Professor & Head, Department of Microbiology, Dr. Harisingh Gour, Vishwavidyalaya, Sagar- 470003, M.P. It was an independent work which has been carried out by me with my own efforts.

Date:

Place:

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