

It is hereby certified that

## Abhijt Kumar Ghosh

born on December 15, 1975

has been conferred the degree of

## **DOCTOR OF PHILOSOPHY**

## in Chemistry

Title of the Dissertation: Asymmetric Reductive Amination of Prochiral Ketones and  $\alpha$ -,  $\beta$ -,  $\gamma$ -Keto esters

Bremen, January 10, 2008

Dr. Bernhard Kramer

Dean of the School of Engineering

and Science

Dr. Joachim Treusch

President