

STATEMENT TO BE INCORPORATED BY THE CANDIDATE
IN THE THESIS AS REQUIRED UNDER ORDINANCE FOR
Ph. D. DEGREE IS AS UNDER

STATEMENT BY THE CANDIDATE

As required by the University Ordinance 770, I wish to state that the work embodied in the thesis titled “**HETEROGENEOUS CATALYSIS FOR DEGRADATION OF PESTICIDE AND ORGANIC TRANSFORMATIONS**” forms my own contribution to the research work carried out under the guidance of **DR. (MRS.) JAYASHREE M. NAGARKAR** at the **INSTITUTE OF CHEMICAL TECHNOLOGY, MATUNGA, MUMBAI – 400 019**. This work has not been submitted for any other degree of this or any other University. Wherever references have been made to previous works of others, it has been clearly indicated as such and included in the Bibliography.

Sandeep M. Agawane
(Candidate)

Certified by

Dr. (Mrs.) J. M. Nagarkar
Research Supervisor

**CERTIFICATE**

This is to certify that the thesis titled “Heterogeneous Catalysis for Degradation of Pesticide and Organic Transformations” submitted by Mr. Sandeep Mahadeo Agawane to the Institute of Chemical Technology, Mumbai, for the degree of “Doctor of Philosophy (Science) in Chemistry” is a bona fide record of the research work carried out by him in the Department of Chemistry, Institute of Chemical Technology, Mumbai, under my supervision. Mr. Sandeep Mahadeo Agawane has worked on this topic from April 2008 till December 2012 and the thesis, in my opinion, is worthy of consideration for the award of the degree “Doctor of Philosophy (Science) in Chemistry” in accordance with the regulations of this Deemed-to-be University. The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree, diploma, or certificate.

Signature:

Research Supervisor : Dr. (Mrs.) Jayashree M. Nagarkar

Affiliation : Institute of Chemical Technology, Mumbai,
Maharashtra, India

Date : Friday, 24 May 2013

DECLARATION

I certify that,

- the work contained in this thesis is original and has been done by me under the guidance of my research supervisor.
- the work has not been submitted to any other University or Institute for the award of any degree, diploma, or certificate.
- I have followed the guidelines of the Institute in preparing the thesis.
- I have conformed to the norms and guidelines given in the Ethical Code of Conduct of the Institute.
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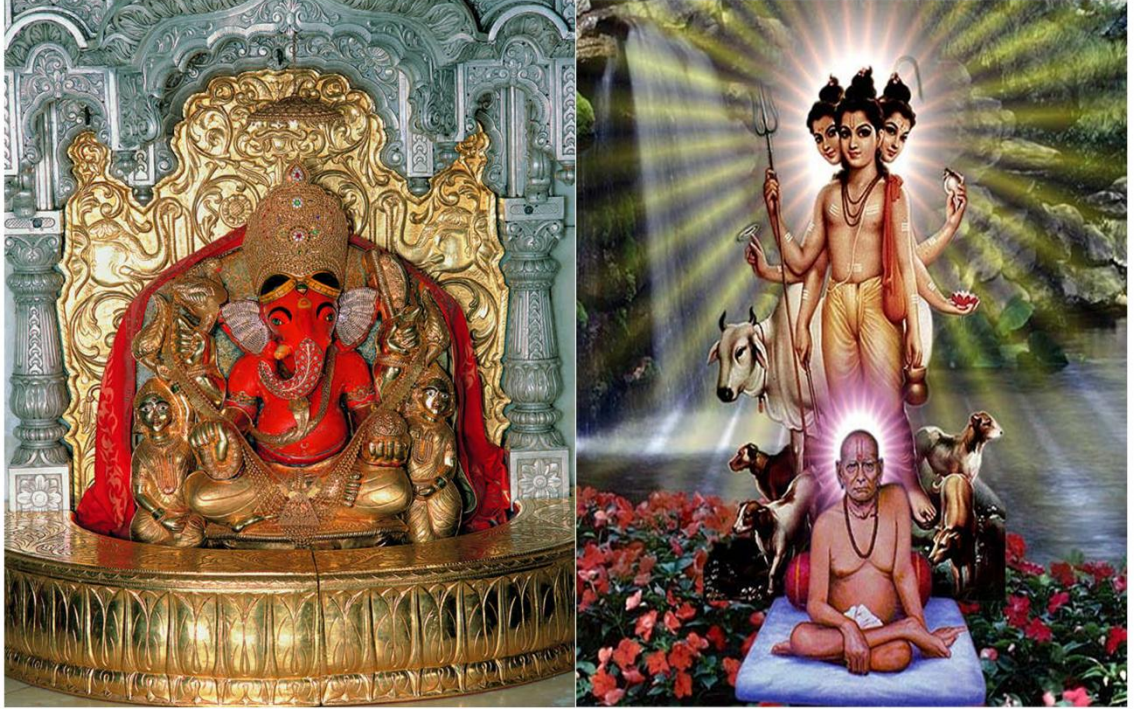
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Dedicated
to
my loving
Parents & Teachers



And



Shree Siddhivinayak Bappa and Shree Swami Samarth