SYNTHESIS AND TESTING OF FUNCTIONALISED SILICA MICROPARTICLES FOR ADSORPTION OF POLLUTANTS FROM WATER

A THESIS SUBMITTED

TO

SHIVAJI UNIVERSITY, KOLHAPUR

FOR THE DEGREE OF

DOCTOR OF PHILOSOPHY

IN

CHEMISTRY

UNDER THE FACULTY OF SCIENCE AND TECHNOLOGY

BY

MISS. HARSHADA B. GARUD

M.Sc.

UNDER THE GUIDANCE OF

Prof (Dr.) S. H. BURUNGALE M.Sc. Ph.D.

Research Guide

Department of Chemistry Yashwantrao Chavan Collage, Karad Tal- Karad, Dist-Satara Prof (Dr.) V. A. KALANTRE M.Sc. Ph.D.

Research Co-Guide

Department of Chemistry Balasaheb Desai Collage, Patan Tal-Patan, Dist-Satara