MECHANISM OF CATALYTIC OXIDATION OF NITRIC OXIDE AND DECOMPOSITION KINETICS OF HYDROFLUOROETHERS: A DENSITY FUNCTIONAL APPROACH

A thesis submitted in partial fulfillment of the requirements for the degree of

Doctor of Philosophy

by

Debajyoti Bhattacharjee

Registration Number: TZ132461 of 2013



Department of Chemical Sciences School of Sciences Tezpur University NAPAAM, TEZPUR – 784028 ASSAM, INDIA

November 2017