

STUDIES ON LONG TERM VARIABILITY OF  
ACTIVE GALACTIC NUCLEI AND O VI  
ABSORPTION IN THE INTERSTELLAR  
MEDIUM

*A thesis submitted in part fulfillment of the requirements  
for award of the degree of Doctor of Philosophy*

By

Rathin Sarma

Registration No. 011 of 2013



Department of Physics  
School of Sciences  
Tezpur University  
Napaam, Tezpur - 784028  
Assam, India  
April, 2015