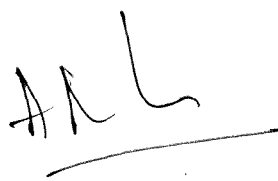


## Certificate

I hereby certify that the thesis entitled "**Studies in Quaternary Complexes of Some Lanthanides**" submitted for the award of the degree of **Doctor of Philosophy** in the Faculty of Science of the Sant Gadge Baba Amravati University, Amravati, embodies the results of bonafide research work carried out by **Nilay V. Bhamburkar** under my supervision in the Department of Chemistry, Govt. Vidarbha Institute of Science & Humanities, Amravati and the same has not been submitted elsewhere for a degree.

Date : 28/04/07.

Place : Amravati



**Dr. A. R. Raut**

Reader in Chemistry  
Govt. Vidarbha Institute  
of Science & Humanities,  
Amravati

## Certificate

*This is to certify that the work presented in this thesis has been carried out in the Department of Chemistry, Govt. Vidarbha Institute of Science & Humanities, Amravati by Nilay V. Bhamburkar during year 2004 to 2007.*

*Date : 28/04/2007*

*Place: Amravati*

*R. D. Satpute*

**Prof. R. D. Satpute**

*Head  
Deptt. of Chemistry  
Govt. Vidarbha Institute  
of Science & Humanities,  
Amravati*