

### Declaration by the Candidate

I hereby declare that the work embodied in the present thesis entitled "Spectroscopy of Single and Collective Level Structures around Proton Shell Closures" has been carried out by me under the supervision of Dr. Surjit Mukherjee. This work has been carried out in Physics Department, Faculty of Science, The Maharaja Sayajirao University of Baroda, India, approved by Council of Post-Graduate Studies and Research and in active collaboration with UGC-DAE Consortium for Scientific Research, Kolkata Centre.

I have put in more than two years of attendance with the supervisor at the University. I further declare that to the best of my knowledge neither the thesis nor any part thereof has been submitted for any degree whatsoever.

Date: 18.07.08



[Guthikonda Kiran Kumar]

Research Scholar  
Physics Department,  
Faculty of Science,  
The M.S. University of Baroda.