THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA

Dr. Surjit Mukherjee Reader



Physics Department Faculty of Science M. S. University of Baroda Vadodara – 390 002

Tel. 0265 –2795339 (O); 2795569 (Fax)

E-mail: smukherjee_msuphy@yahoo.co.in

Certificate from the Thesis Supervisor

This is to certify that the thesis entitled "Spectroscopy of Single and Collective Level Structures around Proton Shell Closures" is a piece of work done by Mr. Guthikonda Kiran Kumar, under my guidance and supervision for the degree of Doctor of Philosophy of The Maharaja Sayajirao University of Baroda, India and that the candidate has put in an attendance of more than two years with me. To the best of my knowledge and belief the thesis

- 1. embodies the work of the candidate himself,
- 2. has duly been completed,
- 3. fulfils the requirements of the ordinance relating to the Ph.D degree of the university and
- 4. is up to the standard both in respect of content and language for being referred to examiner.

Dr. Surjit Mukherjee

Thesis Supervisor

Muchan 18/04/2008

Forwarded through:

Head,

Physics Department.

Genes Car

Ma.

Dean,

Faculty of Science.

Forwarded through:

Faculty of Science