



**THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA**

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**Certificate from the Thesis Supervisor**

This is to certify that the thesis entitled “ Studies of neutron induced fission and nuclear reaction for AHWR and ADS applications” is a piece of work done by Mr. Paresh M. Prajapati, under my guidance and supervision for the degree of Doctor of Philosophy of The Maharaja Sayajirao University of Baroda, India and 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. fulfills 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*  
26/4/12

**Dr. Surjit Mukherjee**  
Thesis Supervisor

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