THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA

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Certificate from the Thesis Supervisor

This is to certify that that the thesis work entitled "Study of neutron and photon induced nuclear reactions" is a piece of work done by Mr. Rajnikant J. Makwana, under my guidance and supervision for the award the degree of the Doctor of Philosophy from the Maharaja Sayajirao University of Baroda, India and the candidate has taken more than twenty two months attendance in completion of the work.

To the best of my knowledge and belief the thesis

- 1. embodies the work of the candidate himself,
- 2. has been duly completed,
- 3. fulfill all the necessary ordinances related to the Ph. D. degree of the University, and
- 4. is up to the standard both content point of view and language for being referred to the examiner.

Prof. S. Mukherjee Thesis Supervisor

Forwarded through:

Head, Physics Department Dean, Faculty of Science