

**Department of Physics, Faculty of Science
The Maharaja Sayajirao University of Baroda, Vadodara**

CERTIFICATE

This is to certify that the thesis entitled “*Study of Neutron Induced Reactions of Different Materials for Reactor Applications*” submitted by **Mr. Mayur H. Mehta**, for the award of Doctor of Philosophy includes original research work carried out by him under my guidance and supervision in Department of Physics, Faculty of Science, The Maharaja Sayajirao University of Baroda, Vadodara. The research work presented in this thesis is the original work of the candidate and is worth consideration for the award of the above-said degree.

To the best of my knowledge and belief the thesis

1. embodied 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,

Forwarded through:

Date: 28-10-2023

Prof. Nand Lal Singh
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