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Certificate from the Thesis Supervisor

This is to certify that the thesis work entitled “Study of projectile breakup processes on elastic scattering and fusion-fission reactions around the Coulomb barrier” is a piece of work done by Mrs. Dubey Shradha Jay Singh, 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 two years attendance in completion of the work.

This is to certify that she has published three papers in international journal for the degree of Doctor of Philosophy.

To the best of my knowledge and belief the thesis

1. embodies the work of the candidate herself,
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