

**STATEMENT UNDER O. Ph. D. 8/ (iii) OF
THE M.S. UNIVERSITY OF BARODA, VADODARA**

This is to certify that the work presented in the thesis is original and was obtained from the studies undertaken by me under the supervision of Prof. G. Naresh Kumar.

Vadodara
Date

Ashish Kumar Singh
Candidate

This is to certify that the work presented in the form of a thesis in fulfillment of the requirement of the Ph. D degree of The M.S. University of Baroda by Mr. Ashish Kumar Singh is the original work. The entire research work and the thesis have been built up under my supervision.

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