


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




This is to certify that the work presented in this thesis is original and was obtained from the studies undertaken by me under the supervision of  
**Prof. Sarita S. Gupta.**

Vadodara  
Date: 7<sup>th</sup> Aug 2009

  
**Prakash P. Pillai**

This is to certify that the work presented in the form of a thesis in fulfillment of the requirement for the award of the Ph.D. degree of The Maharaja Sayajirao University of Baroda by **Mr. Prakash P. Pillai** is his original work. The entire research work and the thesis have been built up under my supervision.

  
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