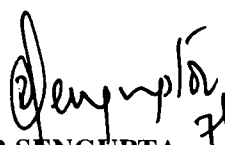


## CERTIFICATE



This is to certify that this thesis entitled "Investigation on role of fillers on viscoelastic properties of tire tread compounds" submitted by Mr. Sarat Ghosh in fulfillment of the requirements of the degree of Doctor of Philosophy in Chemical Engineering is a bonafide record of the investigations carried out by him in the Department of Chemical Engineering, The Maharaja Sayajirao University of Baroda under my supervision and guidance. In my opinion this thesis has attained the standard fulfilling the requirements of the Ph.D. degree as prescribed in the regulations of the university.


  
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