Declaration

I Bharat D. Dangar hereby declare that the work reported in this thesis entitled TO DEVELOP AN ANALYTICAL FRAMEWORK OF ELECTRICAL POWER CONSUMER'S BEHAVIOUR TO ASSIST IN THE IDENTIFICATION, DETECTION AND PREDICTION OF ELECTRICAL POWER LOSS submitted for the award of the degree **PHILOSOPHY** Electrical Engineering DOCTOR OF in Department, Faculty of Technology & Engineering, The Maharaja Sayajirao University of Baroda, Vadodara is original and has been carried out in the Department of Electrical Engineering, Faculty Of Technology & Engineering, The Maharaja Sayajirao University of Baroda, Vadodara. I further declare that this thesis is not substantially the same as one, which has already been submitted in part or in full for the award of any degree or academic qualification of this University or any other institution or examining body in India or abroad.

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