CERTIFICATE

This is to certify that the 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, which is being submitted by Bharatkumar Dhirubhai Dangar in fulfillment of the Degree of DOCTOR OF PHILOSOPHY in Electrical Engineering Department, Faculty of Technology and Engineering, The Maharaja Sayajirao University of Baroda, Vadodara is a bonafied record of investigations carried out by him in the department of Electrical Engineering, Faculty of Technology and Engineering, The Maharaja Sayajirao University of Baroda, Vadodara has been carried out by him under my supervision and guidance. In my opinion the standards fulfilling the requirements of the Ph.D. Degree as prescribed in the regulations of the University has been attained.

Guide

Head

Prof. (Dr.) S. K. Joshi Department of Electrical Engineering Faculty of Technology and Engineering The Maharaja Sayajirao University of Baroda The Maharaja Sayajirao University of Baroda

Prof. (Dr.) S. K. Joshi Department of Electrical Engineer Faculty of Technology and Engineering

Dean

Faculty of Technology and Engineering The Maharaja Sayajirao University of Baroda



DEPARTMENT OF ELECTRICAL ENGINEERING FACULTY OF TECHNOLOGY & ENGINEERING THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA **AUGUST**, 2017