

CERTIFICATE

This is to certify that research work embodied in this thesis entitled “Design, analysis and simulation of composite filter for PQ issues in distribution network” was carried out by Deepak Chhaganrao Bhonsle at Electrical Engineering Department, Faculty of Technology & Engineering for partial fulfillment of Doctor of Philosophy degree to be awarded by Maharaja Sayajirao University of Baroda. This research work has been carried out under my supervision and is to my satisfaction.

Date:

Place:

(Supervisor)

Dr. R. B. Kelkar

Professor,

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CANDIDATE'S DECLARATION

I hereby declare that the work which is being presented in the thesis entitled “Design, analysis and simulation of composite filter for PQ issues in distribution network” in partial fulfillment of the requirements for the award of the Degree of Doctor of Philosophy and submitted in the Faculty of Technology & Engineering, M. S. University of Baroda is an authentic record of my own work carried out during a period from August 2009 to August 2013 under the supervision of Dr. R. B. Kelkar, Professor in Electrical Engineering Department, Faculty of Technology & Engineering, M. S. University of Baroda, Vadodara, Gujarat, INDIA.

The matter presented in this thesis has not been submitted by me for the award of any other degree of this or any other Institute.

Deepak C. Bhonsle

(Ph. D Registration No.:194)

This is to certify that the above statement made by the candidate is correct to the best of my knowledge.

(Dr. R. B. Kelkar)

Supervisor

Date: