

Declaration

I Umesh Laljibhai Makwana hereby declare that the work reported in this thesis entitled **Available Transfer Capability Management in Restructured Electrical Power Network** for the award of the degree of DOCTOR OF PHILOSOPHY in the Electrical Engineering Department, Faculty of Technology & Engineering, The Maharaja Sayajirao University of Baroda, Vadodara. I further declare that the thesis is not substantially the same as one, which has already been submitted in the part or in full for the award of any degree academic qualification of this university or any other institution or examining body in the India or abroad.

(Umesh L Makwana)

February 2017.