

**DESIGN OF FACTS CONTROLLER AND PSS USING
INTELLIGENT TECHNIQUES FOR STABILITY
ANALYSIS IN RESTRUCTURED MARKET**

A Thesis submitted for the Award of the

Degree of

Doctor of PHILOSOPHY

in

Electrical Engineering

By

PIMAL R.GANDHI



**DEPARTMENT OF ELECTRICAL ENGINEERING
FACULTY OF TECHNOLOGY & ENGINEERING
THE M. S. UNIVERSITY OF BARODA
JANUARY, 2014**