

APPLICATION OF SIGNAL PROCESSING TECHNIQUES FOR CONDITION MONITORING OF ELECTRICAL EQUIPMENT

By

ARADHANA RAY



DEPARTMENT OF ELECTRICAL ENGINEERING FACULTY OF TECHNOLOGY & ENGINEERING M. S. UNIVERSITY OF BARODA

September, 2009



APPLICATION OF SIGNAL PROCESSING TECHNIQUES FOR CONDITION MONITORING OF ELECTRICAL EQUIPMENT

A Thesis submitted for the Award of the Degree of Doctor of PHILOSOPHY

> in Electrical Engineering

ARADHANA RAY



DEPARTMENT OF ELECTRICAL ENGINEERING

FACULTY OF TECHNOLOGY & ENGINEERING M. S. UNIVERSITY OF BARODA

September, 2009