

# OPTIMAL UNIT COMMITMENT USING DYNAMIC PROGRAMMING

*A Thesis Submitted  
for award of  
the Degree of*  
**DOCTOR OF PHILOSOPHY**  
*in*  
*Electrical Engineering*

By  
**R. B. KELKAR**

**DEPARTMENT OF ELECTRICAL ENGINEERING  
FACULTY OF TECHNOLOGY AND ENGINEERING  
MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA  
BARODA  
JULY, 1997**

P/Th

8712