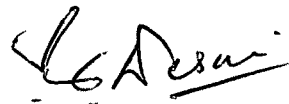


Certificate

*This is to certify that the thesis entitled, "**OPTIMAL UNIT COMMITMENT USING DYNAMIC PROGRAMMING**" submitted by **Mr. R. B. KELKAR** in fulfillment of the requirements of the degree of **DOCTOR OF PHILOSOPHY** in Electrical Engineering is a bonafide record of investigations carried out by him in The Department of Electrical Engineering, Faculty of Technology and Engineering, M. S. University of Baroda, Vadodara under my guidance and supervision. In my opinion this has attained the standard fulfilling the requirements of the Ph. D. degree as prescribed in the regulations of the University.*



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