

# **Design and Analysis of Soft-Switching Inverter for UPS Application**

## **THESIS**

Submitted in partial fulfillment  
of the requirements for the degree of  
**DOCTOR OF PHILOSOPHY**

By  
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Under the Supervision of  
**Prof. H.V.Manjunath**



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**CERTIFICATE**

This to certify that the thesis entitled '**Design and Analysis of Soft-Switching Inverter for UPS Application**' and submitted by Mr. **Rajneesh Kumar ID.No. 2001PHXF025** for award of Ph.D. Degree of the Institute, embodies original work done by him under my supervision.

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Signature of the Supervisor

Name : PROF. H.V.MANJUNATH

Designation: PROFESSOR

Date:

*To my village  
and  
My Grandfather and Grandmother*