

## **DECLARATION**

I, U. N. Puntambekar, hereby declare that the work reported in thesis entitled, **“Studies on Rotating-Bending Fatigue Behavior of Surface- Engineered Low-Alloy Steel Shaft Materials”** submitted for the award of the degree of

### **DOCTOR OF PHILOSOPHY**

(Metallurgical and Materials Engineering)

is original and was carried out by me at the Department of Metallurgical and Materials Engineering, Faculty of Technology and Engineering, The M. S. University of Baroda, Vadodara. I further declare that this thesis is not substantially the same as one which has already been submitted in part or in full for the award of any degree or academic qualification of this University or any other Institution or examining body in India or abroad.

**Dated:**

**(U. N. Puntambekar)**