**Candidate's Declaration**

I hereby declare that the summary of my research work which has been presented in the synopsis of the Ph.D. thesis, entitled " xxxxxxxxxxxxxxx ", submitted in the Department of Mechanical Engineering, NIT Srinagar is an authentic record of my own work carried out during the period from xxx to xxxxx under the supervision of Prof. xxxxxx, Professor, Mechanical Engineering, NIT Srinagar.

**xxxxxxxxxx**

Enrolment No.: xxxxxx

This is certified that the above statement made by the research scholar xxxxxxxxx is correct to the best of my knowledge.

(Supervisor)

**Prof xxxxxxxxx**

Mechanical Engineering Department

National Institute of Technology Srinagar