DECLARATION

I declare that the thesis entitled "Study of heat conduction in one-dimensional chains of non linear oscillators" submitted by me for the degree of Doctor of Philosophy is the record of research work carried out by me during the period from 29/08/2009 to 12/12/2012 under the guidance of Prof. P. N. Gajjar and has not formed the basis for the award of any degree, diploma, associateship, fellowship, titles in this or any other University or other institution of higher learning. I further declare that the material obtained from other sources has been duly acknowledged in this thesis. I shall be solely responsible for any plagiarism or other irregularities, if notices in the thesis.

[Signature]

Signature of the Candidate

(Date 4/12/2012)

(Tejal N. Shah)