DECLARATION BY THE CANDIDATE

I declare that the thesis entitled "Electron-Electron and Electron-Impurity Scattering and their Effects on the Properties of Semiconductor Superlattices" is my own work conducted under the supervision of Dr. A. C. Sharma at M.S. University of Baroda, India approved by Council of Post-Graduate Studies and Research. I have put in more than two years of attendance with the supervisor at the centre.

I further declare that to the best of my knowledge the thesis does not contain any part or any work, which has been submitted for the award of any degree either in this University or in any other University / Deemed University without proper citation.

Dr. A.C. Sharma (supervisor)

Reader in Physics

Pushpendra Tripathi (candidate)