

## **DECLARATION BY THE CANDIDATE**

This is the declaration by me that the work done in the thesis on the topic “**SOME INVENTORY SYSTEMS FOR DECAYING ITEMS WITH INFLATION AND SHORTAGES**”, submitted for the award of the degree of **Ph.D.** in Mathematics to **Banasthali University, Banasthali, Rajasthan**, is originally done under the supervision of **Dr. S.R Singh**.

This work embodied in the thesis has not been submitted in any form anywhere by me.

**(Kavita Devi)**