Declaration

I hereby declare that this is a bona fide work carried out by me under the supervision and guidance of Dr. N Sreekumaran Nair, Professor and Head, Department of Statistics, Manipal University, Manipal and has not formed the basis for the award of any degree or fellowship. The particulars given in this thesis are true to the best of my knowledge.

Seena Biju

Place: Manipal, India

Date: Jun 2013