DECLARATION

I hereby declare that the thesis entitled "Effect of nanofillers in incompatible NR/NBR blends" is an authentic research work carried out by me under the supervision and guidance of Prof. (Dr.) Sabu Thomas, School of Chemical Sciences, Mahatma Gandhi University, Kottayam, Prof. Cherian Mathew, Department of Chemistry, S. B. College, Changanacherry, Prof. (Dr.) Kuruvilla Joseph, Indian Institute of Space Science and Technology, Department of Chemistry, Thiruvananthapuram and this work is entirely original in its contents and has not previously formed the basis of award of any other degree or diploma or other similar title.

Kottayam
March 2014

Hanna J. Maria