DECLARATION

I hereby declare that the matter embodied in the thesis is the result of studies carried out by me at the Department of Chemistry, University of Calicut, under the supervision of Dr. Pradeepan Periyat, Assistant Professor, Department of Chemistry, University of Calicut and the same has not previously formed the basis for the award of any degree or diploma. Whenever the work described or cited is based on the findings of other researchers, due acknowledgement is made in keeping with the general practice of reporting scientific observations.

Binu Naufal