DECLARATION

This is to declare that the research work presented in this thesis entitled “Study on tropical rain with special reference to rain Drop Size Distribution and integral rain parameters using ground-based and satellite measurements” is a genuine record of research work carried out by me in the Atmospheric Sciences Division, Centre for Earth Science Studies, Thiruvananthapuram, (registration through the Department of Physics, Cochin University of Science and Technology) for the award of the degree of Doctor of Philosophy in Physics is entirely original and has not been submitted earlier in part or full in any University or Institution for the award of any degree or diploma.

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Counter signed (Research Guide)

(Dr. S. Sampath)