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CERTIFICATE

This is to certify that the thesis entitled, “**Over-Expression of Stress Tolerant Genes in Endosymbionts and its Application in Stress Management of *Hevea brasiliensis***” is an authentic record of original research work carried out by Miss. Mrudula. P. Musthapha at Rubber Research Institute of India, under my supervision during the period between January 2008 and March 2012 for the award of the Degree of Doctor of Philosophy in the Faculty of Science, Mahatma Gandhi University, Kottayam. It is also certified that the work presented in this thesis has not been submitted for any other Degree or Diploma.



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