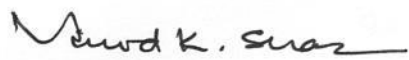


## CERTIFICATE

I have the pleasure to certify that Shri Joy Vazhayil Pathrose has pursued his research work and prepared the present dissertation entitled "A Framework for Equitable Apportionment of Emission Reduction Commitments for Global Climate Change Mitigation" under my guidance and supervision. The dissertation is the result of his own research and to the best of my knowledge, no part of it has earlier comprised any other monograph, dissertation or book. This is being submitted to the Panjab University, Chandigarh for the degree of Master of Philosophy in Social Sciences in partial fulfillment of the requirements of the Advanced Professional Programme in Public Administration (APPPA) of the Indian Institute of Public Administration (IIPA), New Delhi.

I recommend that the dissertation of Shri Joy Vazhayil Pathrose is worthy of consideration for the award of M.Phil Degree of the Panjab University, Chandigarh.



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