DECLARATION

I, C.M.REENA JOSEPHINE (RR10BT001) hereby declare that the thesis, entitled “MOLECULAR CHARACTERIZATION OF PLANT GROWTH PROMOTING BACTERIAL STRAINS AND ASSESSING THEIR EFFICACY FOR BIOFORMULATIONS IN Zea mays L.”, submitted to the Karunya Institute of Technology and Sciences, in partial fulfillment of the requirements for the Degree of Doctor of Philosophy in Biotechnology is a record of original and independent research work done by me during the period 2011-2017, under the Supervision and guidance of Dr. Jibu Thomas, Associate Professor, Department of Biosciences and Technology, Karunya Institute of Technology and Sciences. The work contained in this thesis has not been previously submitted to meet the requirement for a degree or diploma at this or any other higher education institution.

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