DECLARATION

I, A.VIJIN PRABHU (RP14ME008) hereby declare that the thesis, entitled “PRODUCTION OF BIOGAS FROM PROSOPIS JULIFLORA PODS USING CO-DIGESTION PROCESS AND ITS PERFORMANCE IN CI ENGINE”, submitted to the Karunya Institute of Technology and Sciences, in partial fulfillment of the requirements for the award of the Degree of Doctor of Philosophy in Mechanical Engineering is a record of original and independent research work done by me during the period 2014–2018, under the Supervision and guidance of Dr.S.Antony Raja, Associate Professor, Department of Mechanical Engineering, Karunya Institute of Technology and Sciences. The work contained in this thesis has not been previously submitted to meet the requirements for a degree or diploma at this or any other higher education institution.

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