

DECLARATION

I, **T. Sakthivel (RR11NT001)** hereby declare that this thesis entitled “**Development of Carbon based Nano-hybrid Semiconductor Materials for Enhanced Photocatalytic Applications**”, submitted to the **Karunya University**, in partial fulfilment of requirement for the award of the Degree of **Doctor of Philosophy in Nanoscience and Technology** is a record of original and independent research work done by me during the period of 2012-2016, under the Supervision and guidance of **Dr. V. Gunasekaran**, Assistant professor, Department of Materials Science, Central University of Tamil Nadu. 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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