I, Amit Ghati declare that this thesis entitled “A STUDY ON ESTERASE PRODUCING EXTREMOPHILES AND MOLECULAR CHARACTERIZATION OF THE ESTERASE(S)” submitted for partial fulfilment of the degree of Doctor of Philosophy (Science) is a record of original work carried out by me under the supervision of Professor (Dr.) Goutam Paul, Professor, Department of Physiology, University of Kalyani and has not formed the basis for the award of any other higher degree or diploma, in this or any other Institution or University. In keeping with the ethical practice in reporting scientific information, due acknowledgements have been made wherever the findings of others have been cited.

Date : .................................................. .................................

(AMIT GHATI)