Declaration

I hereby declare that the work embodied in the thesis entitled "Management of stress

induced hypotesticular dysfunctions by a novel nutraceutical-lycopene in rat:

genomic and proteomic approach for infertility management" submitted by me

for the degree of Doctor of Philosophy is the compilation of the work carried out

under the guidance of Professor Debidas Ghosh, Vidyasagar University, is the

original work. Neither the thesis nor any part of it has been submitted for the award of

any degree, diploma, or fellowship elsewhere. I further declare that the materials or

contribution obtained from other sources or persons have been duly acknowledged in

the thesis.

Date: 27.06.2019

(Adrija Tripathy)