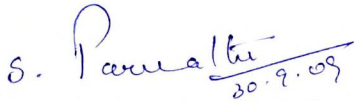
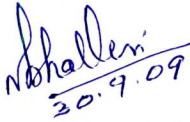


CERTIFICATE

This is to certify that this dissertation entitled, **“Efficacy of formulated feeds on growth, nutritional indices and feed utilization efficiencies of Indian major carp, *Catla catla* (Hamilton, 1822)”** is an authentic record of research work carried out by Mrs. **G. Chitra**, under my supervision and guidance, in the **Department of Life Sciences - Zoology, Avinashilingam University for Women, Coimbatore – 641 043** in partial fulfillment of the requirements for the **Degree of Doctor of Philosophy**. This work has not been formed the basis for the award of any degree, diploma, associate ship, fellowship or similar title of any University / Institution.


Signature of the H.O.D


Signature of the Guide
(Dr. N. Krishnaveni)