

### **Brief biography of the author**

Farhana Islam Shawon graduated from Chattogram Veterinary & Animal Sciences University (CVASU), Khulshi-4225, Chattogram, Bangladesh, Faculty of Fisheries, in 2018. She is doing her Master of Science in Fisheries Resource Management, Faculty of Fisheries, CVASU. She looks forward to research in her field of interest and tremendous enthusiasm to improve her skills and experience in the field of ornamental fish growth and color enhancement in Bangladesh. In the near future, she is also keen to give her intensive observation to outline various water-based culture structures. She conducted this experiment “EFFECT OF PHOTOPERIOD ON THE GROWTH PATTERN, BREEDING PERFORMANCE AND COLORATION OF PLATY FISH (*Xiphophorus maculatus*)” in the wet laboratory and Aquatic Ecology lab, CVASU, Chattogram, Bangladesh, to complete her research work.