

CERTIFICATE

This is to certify that the dissertation entitled “**STUDY OF FEATHER PATTERN AND PHYSICAL PROPERTIES OF FEATHER IN DIFFERENT SPECIES OF FANCY BIRDS**” is an authentic record of research work carried out by **AMRUTHA E A** conducted in the Department of Veterinary Anatomy and Histology, College of Veterinary and Animal Sciences, Mannuthy, Thrissur under my guidance during the academic year 2019 – 2021 in partial fulfillment of the requirement for the award of Master of Science degree in Zoology of Calicut university and this work has not previously formed basis for any other similar works.



Dr. K.B Sumena

Assistant Professor

Department of Veterinary Anatomy and Histology
College of Veterinary and Animal Sciences, Mannuthy