

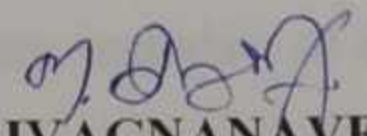
## CERTIFICATE

This is to certify that the dissertation entitled "**STUDIES ON THE ANTIBACTERIAL AND ANTIOXIDANT ACTIVITIES OF SILVER NANOPARTICLE SYNTHESIZED FROM METHANOLIC EXTRACTS OF *PONGAMIA GLABRA***" submitted to **Department of Biotechnology, Karpagam Academy of Higher Education, Coimbatore** in partial fulfillment of the requirement for the award of the **Degree of Bachelor of Science in Biotechnology** is a record of original research work done by **Mr. K. Mangaladas (17BTU024)** during the period of his study in the Department of Biotechnology, Karpagam Academy of Higher Academy, Coimbatore under my supervision and guidance and the dissertation has not formed the basis for the award of any Degree/Diploma/Associate/Fellowship or similar title to any candidate of any University.

Counter-signed



**Head of the Department**



**(Dr. M. SIVAGNANA VELMURUGAN)**

**Guide**