

Certificate

I certify that the thesis entitled “ *Modelling and Analysis of Perishable Inventory-Queueing Systems* ” submitted to Periyar University in partial fulfillment for the award of the degree of **Doctor of Philosophy in Mathematics** is a bonafide research work carried out by **Mr. S.JEHOASHAN KINGSLY** under my guidance and supervision and it has not formed the basis for the award of any Degree, Diploma, Associate-ship, Fellowship or any other similar titles in this University or any other University or Institutions of higher learning.

Signature of the Supervisor

Place: Salem

Date: