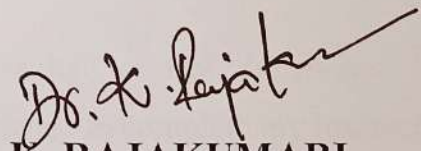


## BONAFIDE CERTIFICATE

This is to certify that this dissertation entitled “**ENERGY IMAGINATIVE SCHEMES FOR DYNAMIC CLUSTERING WITH INTERNET OF THINGS DATA STREAMS**” is the bonafide work of **Mr. KANNAN MASILAMANI M19SC006**, who carried out the research under my supervision. Certified further, that to the best of my knowledge the work reported herein does not form part of any other thesis or dissertation on the basis of which degree or award was conferred on an earlier occasion on this or any other candidate.

**Place:** Chennai

  
**K. RAJAKUMARI**

**Date:**

**(Research Supervisor)**