

## DECLARATION

I hereby declare that the thesis entitled "**PREPARATION AND CHARACTERIZATION OF NANOCRYSTALLINE  $\text{LiMn}_2\text{O}_4$  BASED THIN FILM CATHODE MATERIALS FOR Li-ION BATTERY**" submitted to **ALAGAPPA UNIVERSITY**, Karaikudi for the award of the Degree of **Doctor of Philosophy in Industrial Chemistry** is my original work and that it has not previously formed the basis for the award of any Degree, Diploma, Associationship, Fellowship or any other similar title of any University or Institution.

  
(S.N.KARTHICK)