

DECLARATION

I hereby declare that the thesis entitled "**SYNTHESIS AND CHARACTERIZATION OF NANO-CRYSTALLINE $\text{La}_2\text{Mo}_2\text{O}_9$ BASED OXIDE-ION CONDUCTORS**" 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.

Signature of Candidate



(T.SARADHA)