

## **DECLARATION**

I hereby declare that the thesis entitled "**PREPARATION AND CHARACTERIZATION OF SEMICONDUCTOR BINARY NANO METAL OXIDES FOR GAS SENSOR APPLICATIONS**" submitted to **ALAGAPPA UNIVERSITY**, Karaikudi for the award of the Degree of **Doctor of Philosophy** in **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 the Candidate**  
**(C. BALAMURUGAN)**