



## DECLARATION

I hereby declare that the thesis entitled “Pb (II), Co (II), Ni (II) AND Cu (II), COMPLEXES OF AZO DYES: SYNTHESIS, CHARACTERIZATION, ULTRASONIC, SEM/EDS AND ELECTRO CHEMICAL BEHAVIOUR’ submitted to Periyar University in partial fulfilment of the requirements for the award of the degree of **Doctor of Philosophy in chemistry** is a record of original research work carried out by me under the guidance and supervision of **Dr.A.K.RAMASAMY. M.Sc., M.Phil., Ph.D. Professor and Head Department of Chemistry Periyar University Salem-636011 Tamilnadu India** and that it has not formed before the basis for the award of any Degree, Diploma, Associateship, Fellowship or any other similar titles in this or any other University or Institution of higher learning.

Place: Salem

Date : 26.03.2012

  
*Signature of Candidate.*  
(Dharmalingam.V)