



**CERTIFICATE**

I certify that the thesis entitled “**Adsorption of Selected Textile Dyes onto Chemically Activated Carbon Adsorbents Prepared Using Waste Biomass *Bauhinia racemosa* Fruit pods**” submitted for the degree of **Doctor of Philosophy (Ph.D)** by **Mrs.S.Uma devi** is the record of research work carried out by her during the period from **June 2013 to May 2019** under my guidance and supervision and that this work has not formed the basis for the award of any Degree, Diploma, Associateship, Fellowship or other titles in this institute or any other University or Institution of higher learning.

  
**Signature of the  
Head of the Department**

  
**Signature of the Supervisor**

  
**Signature of the Dean**

## DECLARATION

I declare that the thesis entitled “**Adsorption of Selected Textile Dyes onto Chemically Activated Carbon Adsorbents Prepared Using Waste Biomass *Bauhinia racemosa* Fruit pods**” submitted by me for the degree of **Doctor of Philosophy (Ph.D)** is the record of research work carried out by me during the period from **June 2013 to May 2019** under the guidance of **Dr.(Mrs.) N.Renugadevi**, Professor, Department of Chemistry, Avinashilingam Institute for Home Science and Higher Education for women, Coimbatore and has not formed the basis for the award of any Degree, Diploma, Associateship, Fellowship, Titles in this University or any other similar institution of higher learning.

*N. Renugadevi*  
4/5/19

**Signature of the Supervisor**

*S. Uma Devi*

**Signature of the Candidate**