

Certificate

This is to certify that the thesis entitled “**Evaluation of antioxidant and anticancer potential of *Cassia senna* L. using *in vitro* and *in vivo* methods**” submitted to Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, for the award of the degree of **Doctor of Philosophy in Biochemistry**, is a record of original research work done by **R. Amutha Priya**, during the period of the study in the Department of Biochemistry, Biotechnology and Bioinformatics, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, under my supervision and my guidance the thesis has not formed the basis for the award of any Degree / Diploma / Associateship / Fellowship or similar title to any candidate of any University or Institute.

**Signature of the
Head of the Department**

Signature of the Guide

Signature of the Dean

Declaration

I hereby declare that the matter embodied in the thesis entitled **“Evaluation of antioxidant and anticancer potential of *Cassia senna* L. using *in vitro* and *in vivo* methods”** is a result of investigations carried out by me in the Department of Biochemistry, Biotechnology and Bioinformatics, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, under the supervision and guidance of **Dr.(Mrs.) B. Suganthi., M.Sc., M.Phil., Ph.D.,** Associate Professor, Department of Biochemistry, Biotechnology and Bioinformatics, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, and it has not been submitted for the award of any Degree / Diploma / Associateship / Fellowship or similar title of any University or Institute.

Signature of the Guide

Signature of the Candidate