



Declaration

DECLARATION

I hereby declare that the thesis entitled “**A STUDY OF QUASIGROUPS AND THEIR APPLICATIONS IN CRYPTOGRAPHY**” submitted to the Avinashilingam University for Women, Coimbatore, in partial fulfillment of the requirements for the award of the **DEGREE OF MASTER OF PHILOSOPHY IN MATHEMATICS** is a record of original research work done by me under the supervision and guidance of **Dr.(Tmt.) A. KALAICHELVI, M.Sc.,(Madras), B.Ed., M.Phil., (Bharathiyar), Ph.D., (Avinashilingam)**, Associate Professor, Department of Mathematics, Avinashilingam University for Women, Coimbatore, that it has not formed the basis for the award of any Degree / Diploma / Associateship / Fellowship or similar title to any candidate of any other University.

S. Sujitha

Signature of the Candidate

A. Kalichelvi

Signature of the Guide