

**A Study on Soft Semigroups and Fuzzy Soft Semigroups**

**Thesis submitted in  
Partial Fulfilment of the  
Degree of Master of Philosophy (M.Phil)**

**By  
S.Saranya  
(14MPMAF009)  
Department of Mathematics**

**Avinashilingam Institute for Home Science and Higher Education for Women  
Coimbatore-641043**

**August 2015**