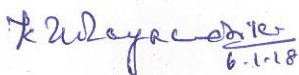



## CERTIFICATE

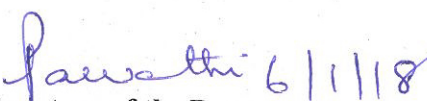
This is to certify that the dissertation entitled "A New Form of Generalized Closed Sets in General Topology" submitted to the Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, in partial fulfillment of the requirements for the award of the Degree of **Doctor of Philosophy in Mathematics**, is a record of original research work done by **Balamani. N** during the period of her study in the Department of Mathematics at Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, under my supervision & guidance & the thesis has not formed the basis for the award of any Degree/ Diploma/ Associateship/ Fellowship or other similar title of any candidate of any University.



Signature of the  
Head of the Department

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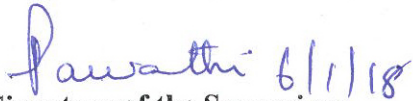
  
Signature of the Supervisor

  
Signature of the Dean

**Dr. A. PARVATHI, M.Sc., Dip.H.Ed., M.Phil., Ph.D.,**  
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## DECLARATION

I, **Balamani. N**, hereby declare that the thesis, entitled “**A New Form of Generalized Closed Sets in General Topology**” submitted to the Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, in partial fulfillment of the requirements for the award of the Degree of **Doctor of Philosophy in Mathematics** is a record of original and independent research work done by me during the period under the supervision and guidance of **Dr. A. Parvathi M.Sc., Dip.Ed., M.Phil., Ph.D.**, Dean, Faculty of Science and Professor, Department of Mathematics, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, and it has formed the basis for the award of any Degree/ Diploma/ Associateship/Fellowship or other similar title of any candidate of any University.

  
Signature of the Supervisor

  
06.01.2018  
Signature of the Candidate