

**Specular Reflection Removal in Smart Colposcopy Images
Using Deep Learning Models for Enhanced Grading
of Cervical Cancer**

By

Jennyfer Susan M.B

(19PHCSF008)

Supervisor

Dr. P. Subashini

A Thesis Submitted to

Avinashilingam Institute for Home Science and Higher Education for
Women, Coimbatore – 641 043

In Partial Fulfilment of the Requirements for the Degree of

Doctor of Philosophy in Computer Science

April 2024