

**ACUTE LYMPHOCYTIC LEUKEMIA CLASSIFICATION
USING ENHANCED MACHINE LEARNING AND
DEEP LEARNING ALGORITHMS**

By

SARANYA VIJAYAN

(Reg. No. 19PHCSF003)

Supervisor

Dr. V. RADHA

Professor, Department of Computer Science

A Thesis submitted to the

**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**

JANUARY 2024