CERTIFICATE

This is to certify that the thesis entitled "**A Hybrid Machine Learning Approach for Detecting Intentional and Unintentional Insider Threats with Mitigation Through Behavioral Biometrics and User Profiling Mechanism**" submitted to the Avinashilingam Institute for Home Science and Higher Education for Woman, Coimbatore, for the award of the degree of **Doctor of Philosophy in Computer Science**, is a record of original research work done by **S. Asha (20PHCSF005)**, during the period of her study in the Department of Computer Science, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, under my supervision and guidance and the thesis has not formed the basis for the award of any Degree / Diploma / Associateship / Fellowship or Seminar title to any candidate of any University.

9/7/25

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DECLARATION

I hereby declare that the thesis titled "**A Hybrid Machine Learning Approach for Detecting Intentional and Unintentional Insider Threats with Mitigation Through Behavioral Biometrics and User Profiling Mechanism**" is the result of investigations carried out by me in the Department of Computer Science, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, under the supervision and guidance of **Dr. D.Shanmugapriya**, Assistant Professor, Department of Computer Science, Avinashilingam Institute for Home Science and Higher Education for Woman, Coimbatore, and that it has not been submitted for the award of any Degree / Diploma / Associateship / Fellowship or similar title of any University or Institute.

9/2/25

Signature of the Supervisor

Asha.S

Signature of the Research Scholar

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