

CERTIFICATE

This is to certify that the dissertation entitled "**Effectiveness of Inquiry Based Instruction on Science Process Skills, Achievement in Science and Metacognition of Higher Secondary School Students**" submitted to the Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, in partial fulfilment of the requirements for the award of the Degree of **Doctor of Philosophy in Education**, is a record of original research work done by **T. Sangeetha**, as a Full time Research Scholar, during the period of her study from July 2016 to June 2021 in the Department of Education at Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, under my supervision and guidance and that this thesis work has not formed the basis for the award of any Degree/ Diploma / Associateship / Fellowship or other similar title to any candidate of this or any other University.

S.S. Manigchi
22/6/2021

Signature of the

Head of the Department

J. S. S. S.
22/6/21

Signature of the Supervisor

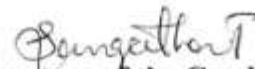
J. S. S. S.
22/6/2021

Signature of the Dean

DECLARATION

I, **T. Sangeetha**, hereby declare that the thesis entitled "**Effectiveness of Inquiry Based Instruction on Science Process Skills, Achievement in Science and Metacognition of Higher Secondary School Students**" submitted to the Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, in partial fulfilment of the requirements for the award of the Degree of **Doctor of Philosophy in Education** is a record of original and independent research work done by me during the period under the supervision and guidance of **Dr.H. Indu**, Associate Professor, Department of Education, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, and it has not formed the basis for the award of any Degree/ Diploma/ Associateship/ Fellowship or other similar title to any candidate of this or any other University.


22/6/21
Signature of the Supervisor


Signature of the Candidate