

**EFFECTIVENESS OF EXPERIENTIAL PEDAGOGY ON
SCIENCE PROCESS SKILLS, SCIENTIFIC ATTITUDE
AND ACHIEVEMENT IN SCIENCE OF SECONDARY
SCHOOL TRIBAL STUDENTS IN KERALA**

By

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16PHEDP001

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A Thesis Submitted to

**Avinashilingam Institute for Home Science and Higher Education for Women,
Coimbatore - 641043**

In Partial Fulfilment of the Requirement for the Degree of

Doctor of Philosophy in Education

May 2022

CERTIFICATE

This is to certify that the dissertation entitled “**Effectiveness of Experiential Pedagogy on Science Process Skills, Scientific Attitude and Achievement in Science of Secondary School Tribal Students in Kerala**” 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 **Sandhya Kumar**, as a Full time Research Scholar, during the period of her study from July 2016 to May 2022 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.

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Signature of the Dean

DECLARATION

I, **Sandhya Kumar**, hereby declare that the thesis entitled “**Effectiveness of Experiential Pedagogy on Science Process Skills, Scientific Attitude and Achievement in Science of Secondary School Tribal Students in Kerala**” 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**, 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.


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Signature of the Supervisor


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Signature of the Candidate

ACKNOWLEDGEMENT

With the great humility, the researcher owes and places this thesis at the feet of Almighty God for granting her the wisdom, health and strength to undertake this research task and enabling her to its completion.

The researcher expresses her reverential gratitude to Late **Padma Bhushan Dr.T.S.AvinashilingamAyyaAvargal**, the founder and the first Chancellor, and **Late Padmasri Dr.(Smt) Rajammal P. Devedas** the architect of this temple of learning.

The researcher expresses her deep sense of gratitude to **Dr.T.S.K.Meenakshisundaram** and **Dr.P.R.KrishnaKumar**, Former Chancellors, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore for granting permission to undergo this course in this highly esteemed University.

The researcher expresses her deep sense of gratitude to **Prof. S.P.Thyagarajan**, Chancellor, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore for granting permission to undergo this course in this prestigious institution.

The researcher expresses her boundless thanks to **Dr.(Mrs).V Bharathi Harishankar**, Vice Chancellor, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore for granting permission to pursue this research.

The researcher expresses her gratitude to **Dr.(Mrs).S.Kowsalya**, Registrar, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore for providing the opportunity to conduct her thesis work in Ph.D in Education.

The researcher expresses her gratitude to **Dr.(Mrs).K.Manimozhi**, Controller of Examinations for her kind support and encouragement.

The researcher expresses her gratitude to **Dr.(Mrs).P.Lalitha**, Director – Research and Consultancy for her kind support and encouragement.

The researcher extends her humble gratitude to **Dr. (Mrs).G. Victoria Naomi**, Dean, Faculty of Education for her encouragement and suggestions.

The researcher expresses her gratitude to **Mrs.S.S.Manimozhi**, Head (i/c), Department of Education for her kind support and encouragement

The researcher expresses her immense gratitude to her Guide **Dr.H. Indu**, Professor, Department of Education, for her esteemed guidance, tireless support, long lasting encouragement and invoking insight for constructive strides from the beginning till the end of the doctoral research in spite of her hectic schedule. This feat was possible only because of the unconditional support provided by madam, a person with an amicable and positive disposition. The scholar considers it as a great opportunity to do her doctoral programme under her guidance and to learn from her research expertise. The researcher is ever indebted to her for taking the time and effort and constructive criticisms provided for this research

The researcher expresses her boundless thanks to **Dr.(Mrs).Premavathy Vijayan**, the Former Vice Chancellor, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore for granting permission to pursue this research.

The researcher is deeply obliged and grateful to **Dr.(Mrs).G.P.Jayanthi**, the former Director – Research and Consultancy, **Dr. (Mrs).T.Geetha**, the Former Dean, Department of Education and **Dr.Mrs.Annakodi**, Former Head, Department of Education for their guidance, help and support rendered during the study.

The researcher expresses her sincere thanks to the faculty members of **Department of Education**, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore for their encouragement given to bring out this research work successfully.

The researcher expresses her gratitude to **STDD, Kerala** for granting permission to conduct the study in two Asram Schools in Kerala.

The researcher is extremely happy and always indebted to the honourable office of **NCERT, Delhi** for awarding the prestigious NCERT Doctoral Fellowship 2018 and helping the researcher with valuable advises time to time throughout the period of research.

The researcher is extremely thankful to the **Library team** of Avinashilingam Institute for their sincere support and advices throughout the study.

The researcher is extremely happy to express her emotions and happiness towards her grandparents, parents, husband, children and other family members for their continued motivation, tireless support and affectionate encouragement from the beginning till the completion of this Doctoral Research.

Researcher

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