

ABSTRACT OF THE STUDY

The study entitled the 'Effectiveness of Experiential Pedagogy on Science Process Skills, Scientific Attitude and Achievement in Science of Secondary School Tribal Students in Kerala' has significant impact in enhancing the achievement levels, scientific attitude levels and the science process skills of the student with the help of an enjoyable learning experience provided to them by experiential learning module. The study was conducted in students belonging to Particularly Vulnerable Tribal Group (PVTG) and studying in Class VIII in Asram Model Residential Schools of Kerala. An experiential learning package was constructed and validated and this was administered among the selected students in the study. The study was having a single group design since the sample consisted of 80 tribal students studying in Class VIII. Apart from the statistical analysis, that proved the significance of the package qualitative conclusions was also made regarding the effectiveness of the experiential learning package. A reflection on package was given at last considering the experiences of the researcher while administering the study. The package so developed using the principles of Kolb's experiential learning was thus proved to be effective in the overall enhancement of the student knowledge in Science though no comparable significance was observed with respect to the different learning styles of the sample.