

A) General Information: -

1. Name of the Institute: DIET Ghumenhera

2. Details of the Investigator(s):

Name	Designation	Place of posting at the time of project completion	Present place of posting	Contact No.	E-mail
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3. Project/ Study Conducted Academic Session: 2017-2018

4. Institute where Project/Study submitted: DIET Ghumenhera

5. Theme of the Project/Study: Educational Technology

6. Level of the study: School

B) Summary of the Conducted Research work/Project/Study: -

1. Title: An Experimental Study of Effectiveness of ICT Enabled Class-Room in Relation to Academic Achievement of 6th Class Students in Science Subjects

2. **Introduction:** This experimental study attempted to test the effectiveness of ICT enabled class room model and traditional classroom model in relation to academic achievement of 6th class students in Science subjects with the following objective:
3. **Objectives:** To study the effectiveness of teaching through, ICT enabled model and traditional classroom model on academic achievement of 6th class students in Science subjects.
4. **Hypotheses:** There is no significant difference in academic achievement of 6th class students in Science subjects taught through ICT classroom model and traditional classroom model.
5. **Research Design:**
 - **Research method(s):** Randomized control pre and post-test experimental design was used. Data were collected from the 6th class students of Govt. School of district SW B Delhi. Pre-test was developed by the investigators on sixth class science subject on chapter Body Movements. Investigators developed pre-test based on the hard spots of Body Movement chapter. Pre-test consisted of ten questions of MCQ type having four options and same test was used as post-test. Pre-test was given to thirty 6th class students. Scores obtained by the students were calculated for mean and S.D. based on these two measures students were divided in three groups: High, Average, and Low, using the following ranges: High group: Scores above (Mean + S.D), Average group: Scores between (Mean+ S.D) and (Mean –S.D) and Low Group: Scores below (Mean – S.D). There were twenty one students scoring average scores and they were randomly divided in to two groups i.e. Control and experimental. Ten control group students were taught through conventional method and eleven experimental group students through video module on mobile. After the treatment both the groups were given posttest. Data so obtained were analyzed by mean, S.D and ‘t’ test.

6. **Research findings:** Result showed that the two groups differed significantly in their achievement so null hypothesis was rejected showing that Experimental group performed better than control group on posttest.
7. **Educational implications:** ICT enhances academic achievement so the teaching learning process should be supported through blended mode.
8. **Scope of the study:** Impact of online ICT on academic achievement of the students may be studied.