SUMMARY

Hypermedia is a computer based information retrieval system that allows a learner to gain or provide access to texts, audio and video recordings, photographs and computer graphics related to a particular subject. Hypermedia is learner-centered software, where learner is in charge and can use variety of media. The purpose of this study was to explore the effects of Interactive Hypermedia Program (IHP) on student’s attitude anxiety and achievement in Mathematics in relation to their locus of control. Purposive sampling technique was used to select English medium schools of Chandigarh only. From schools selected, 200 students were identified purposively by administering Locus of Control scale. The researcher continued the administration until 100 students each of Internal Locus of Control and External Locus of Control group were found. The findings of the study revealed a significant difference in the Mathematics scores of students who were taught using IHP compared to those who used the traditional method. Also, the scores of Mathematics Attitude and Mathematics Anxiety of students taught through Interactive Hypermedia Program was higher than that taught through Traditional method. The scores of Internal Locus of Control group was more than the scores of External Locus of Control group on Mathematics Attitude and Mathematics Achievement. However, the two groups namely Internal Locus of Control and External Locus of Control did not yield significantly different mean gain scores on Mathematics Anxiety. In conclusion, the use of IHP is likely to boost students’ Mathematics test scores and their attitude towards Mathematics.