Abstract

To supplement the traditional teaching, in the last few years a steady growth of ICT applications and IT courseware development has taken place in India. Only a few studies have evaluated acceptance of such new technologies among teachers. An attempt is made to understand the attitude of mathematics teachers towards IT as an instructional tool in the State Schools of Kerala (India), using the Technology Acceptance Model (TAM) framework. Results suggested that TAM being a robust model can be effectively used in this context too and a good fit for the proposed model for the data was found. The sample consisted of only the high school mathematics teachers, who seem to agree about the usefulness of computers in teaching mathematics, but were found not very conversant in using these as teaching tools. This factor leads to the finding of the study showing Teachers’ Perceived Ease of Use having significant impact on their perception about Usefulness and Attitude towards use of IT in teaching.

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