SCHOOL ENVIRONMENT: A CAUSE FOR INCREASE IN SCHOOL DROPOUTS – FUZZY ANALYSIS

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In this paper we study the school environment, which is one of the causes of increase in school dropouts using fuzzy analysis in general and Modified Fuzzy Cognitive Maps (MFCM) in particular.

This paper has four sections. Section one is introductory in nature; introducing all essential basics and data to make this paper a self contained one. The new fuzzy MFCM model is introduced in section two of this paper. In section three analysis of the problem using FCM and MFCM model is carried out. Further in this section we have compared the two models.

The final section contains conclusions based on our study. A few important observations are mentioned below:

a. Discrimination in school must be avoided and the students should be made to feel school as their second home.
b. Parents should take special steps to protect the children from unhealthy media, gadgets, friendship and provide an environment for learning.

c. Special care must be provided for poor children so that they can continue their education with ease so that parents do not feel the burden of educating them.