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

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The enrollment rate in the schools is very impressive but the number of students who remain there till the end is not so impressive. It gives a dismal picture of the whole effort taken by the parents, teachers, government and even the students whose life and future is at stake. The rate of school dropouts in rural areas remains a challenge to the educationists and social thinkers and of course the government machinery that should be accountable and finally responsible for the welfare of each section of the social fabric. In this paper, we study the causes, especially the emotional or inter-personal relationship that often forms a major breeding ground for the problems to crop up and that causes the students to leave the school.

To achieve this, we construct a new model called Modified FCM (MFCM). As the data under analysis is an unsupervised one, we felt only FCMs can give us the hidden pattern of the situation and with help of the Modified FCM we will be able to analyze the causes for the dropouts in schools. We suggest that the whole set up of school environment by which we include the syllabus and examination pattern, the teachers' incentive and parents' motivation are the areas to concentrate on achieving zero dropouts in schools.