STUDY OF PROBLEMS FACED BY SCHOOL DROPOUTS USING APPLIED FUZZY ANALYSIS

W.B.Vasantha Kandasamy
Department of Mathematics
Indian Institute of Technology Madras
Chennai - 600036

T. Pathinathan and Mary John
Department of Mathematics
Loyola College
Chennai - 600034

The rate of school dropouts in rural India is only in the steady increase. The major reasons attributed for this are globalisation, industrialization, modernization and above all commercialisation of school education. The schools and school education in Tamil Nadu have become centres of investments of black money and a place of easy earning. Majority of individuals become rich overnight by establishing a school. These schools in urban areas are mainly for rich and people shun building schools in rural areas for these schools with their fee structure cannot survive in rural areas. Thus private schools in rural areas are rare and the government schools in rural areas function with least number of teachers. The government does not take steps to educate the rural poor, for rural poor are expected to work for the rural landowners. Thus the dropouts in rural areas are very high, that too among the poor. This is established using the fuzzy relational equations and neural networks. Several suggestions are derived as solution of the FRE.