STUDY OF THE INTER-RELATION BETWEEN HIV/AIDS PATIENTS AND THEIR SOCIO-ECONOMIC CONDITIONS USING FUZZY MATRIX

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In this paper we study the relation between the HIV/AIDS patients and their socio-economic conditions of over 200 patients using Fuzzy Matrix. Nearly 200 patients who were patients from a hospital were interviewed. In the interview their social, economic and educational conditions was also noted. So this paper studies the relation between them. We see that out of 200 patients, nearly 180 were daily wage labourers and only one was a graduate and that all others were drop-outs from school, only 5 – 6% of them had completed their schooling and most of them were only from rural areas. Thus it was surprising and has forced us to analyse the following:
1. Why people from rural areas with poor economic and educational background, who were essentially migrant workers were victims of AIDS/HIV?

2. Are we not in a position to get the real data from the city and people of sound economic and educational background? Does this suggest that there are no victims of HIV/AIDS from this society?

From our study several conclusions about the inter-relations are derived using Fuzzy Matrix.