

STUDIES ON FEMALE INFANTICIDE PROBLEM USING NEURAL NETWORKS BAM- MODEL

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The cause of female infanticide cannot be attributed to a particular reason. It is mainly governed by an individual feeling. Thus the very data related to the cause of female infanticide is an unsupervised one. Thus we are justified in adopting fuzzy theory in general and Bidirectional associative memories in particular. The authors try to establish a link between various attributes and its effect on different sections of the society by applying it to BAM model. A matrix is formed on different scales in accordance to the opinion of different experts and this matrix serves as the constant synaptic connection matrix M .

The various cause of female infanticide is placed in the field F_x and the various sections of the society are taken as the field F_y . Based on the first experts opinion the synaptic connection matrix M is taken on the scale of -5 to 5 . According to the first expert, the number of children do not have a great impact on the various sections of the society but the number of female children is a stigma in all societies and in case of poorer sections it is mainly poverty which forces them to kill female infants. This is also true in case of most backward classes people living in villages.

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Disease does not play any role but negligence of any treatment is clear in case of female children. Likewise several experts opinions were taken and the analysis was carried out. The main conclusions are women should be given education in par with men and the law should be so strong that people should fear to practice female infanticide in any form. Constitutional amendments must be made to protect the child. The very idea of a female child is a burden should be wiped from the minds of one and all.

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