RULE BASED CONTROL SYSTEM TO STUDY THE PERFORMANCE ASPECT OF SCHOOL STUDENTS

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A rule-based control system depends largely on the availability and the performance of the rule base. When there are no experts available at hand to supply knowledge about any problem, rule based control system can be used. In this paper we are the first one to apply rule based control system to study the performance aspect of the school students. By performance aspects of school students we don’t mean a student getting full or good percentage of marks or becoming eligible for a professional course. By performance aspects we mean the students life after the completion of his college education and later his position in society, i.e. his overall
personality like moral integrity, love for the nation etc. The teacher is used as the controller or control actions (i.e. how best a teacher should be, bad and good nature of the teacher is used) to mould a student to possess at least more good qualities than the evil ones, i.e. whether the students presence is advantageous to society or disadvantageous to the society or is it indeterminable. To achieve this the input is taken as the student nature and teacher is taken as the control process and the outputs give the student’s position in society after he is settled in life. The output seems to be heavily dependent on the teacher who is used as the control process. We from this study infer that a devoted teacher with good moral values and understanding of the student’s nature can certainly produce in future responsible citizens in contrast to teachers who have no devotion to work and no interest in the profession who works solely for money can at large produce citizens who can be dangerous to society.