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PROGRAMME

and

ABSTRACTS

Formulation a Model for the Performance of Diploma Students in an Affiliated University College, Sri Lanka

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Higher education in Sri Lanka plays a major role. Therefore, it is imperative to study the socio-economic background of the students by analyzing factors such as the education level of their parents, income level of parents and the level of subject interest of the students for higher studies. Objective of this research is to formulate a model of students' performance comprising most significant factors related to their socio-economic background in a diploma course offered by an affiliated university college in Sri Lanka (currently Wayamba University of Sri Lanka). The method used in this research is the survey technique. Hence, it was designed a suitable questionnaire and selected a group of students in the above academic institute and conducted a survey. Then, it was analyzed the collected data through a questionnaire and the available data in the exam department of the institute such as their units results for three batches of students and A/L aggregate marks using statistical methods with the purpose of obtaining a model for the performance. In that analysis, some significant independent variables were identified and these variables were screen out until the level of formulation statistically fit for the data. Finally, it can conclude that obtaining such a model is significant in the higher education sector. Further, this study can be applied for any other programme of higher studies in the academic sector to get a clear understanding of most critical factors that are affected for the level of performance of students.

Key words: Socio-economic factors, Higher education, Performance, Model, Statistically fit