

Survey Study of the Requirement of a Teller Machine within the Ruhuna University Wellamadama Premises for Public Usage

R.M.K.T Rathnayaka* and Leslie Jayasekara**
*Department of Physical Science & Technology, Faculty of Applied Sciences, Sabaragamuwa University of Sri Lanka, Belihuloya.
**Department of Mathematics, Faculty of Science, University of Ruhuna, Matara.

Correspondence: leslie@maths.ruh.ac.lk

From long ago, people have deposited their main requirements such as food, cloths and money after their daily usage, with a view to use these in the future. Step by step with use of money, the concept of banking became popular all over the world, and rapidly improved with the new outcomes of the technology revolution. So that teller and credit card facilities was introduced for the convenience of the public.

As an example, it is clear that many people in the Ruhuna University are also keeping context with the banking sector. Most of these people like to keep their accounts in the government banks rather than the private banks. Considerable number of these people use the teller machines and credit cards. But most of the university people have faced a lot of trouble, due to these teller machines being installed within the urban areas.

About 3500 people come daily in to the university premises for their academic and official work. The goal of this study is to identify the factors of requirement of teller machine within the university premises for the public usage. A questionnaire was prepared and more than 500 people were interviewed within the university area in Wellamadama premises comprising academic staff, non academic staff and internal and external students.

Multiple logistic regression model was applied to determine the predictive effect of the various factors investigated on the requirement of a teller machine within the Ruhuna University Wellamadama premises. The results indicated that of all the factors analysed, only the "job status (academic, non-academic, temporary staff, and student)", "place of living", "having savings account in Bank of Ceylon" were important.