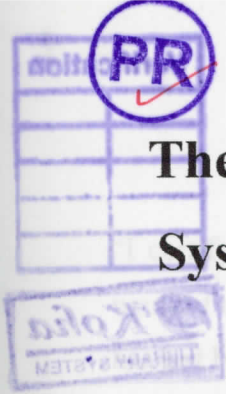


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The Efficacy of the Management Information System on Performance of Tea Estates of the Regional Plantation Companies (RPC)



Signature of the Candidate

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W. M. G. K. B. Weerasinghe

RJT/MBA/2014(A)/16

Date



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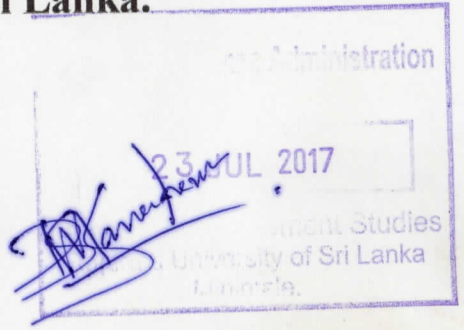
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ABSTRACT

The use of the management information systems has become necessary for any organization to improve efficiency, productivity, and improve performance in general. Although some of the Regional Plantation Companies have invested huge amount of money on introducing Management information Systems to their estates no proper study has been conducted to find out effect of Management Information Systems on the estate performance. The main objective of this study is to find out the efficacy of Management information systems success factors; Technology (System Quality, Information quality, Service Quality) organization (Top Management Support, User Training and Staff Support) people (Computer Self-Efficacy, and User Experience) on tea estate performance of Regional Plantation Companies in both Badulla and Nuwaraeliya district.

Primary data were collected through a self-developed structured questionnaire. Secondary data were collected through text books, journals, periodicals, and magazines. The Judgment sampling method was adopted to select 100 estate superintendents covering 10 Regional Plantation Companies who have converted their management information systems from manual to computer based information systems. Five-point Likert Scale Questionnaire was distributed among the sample selected.

The data obtained using questionnaires were entered in the SPSS 20.0 package for the purpose of statistical analysis. Descriptive statistic, Reliability test, Kaiser Meyer Were performed to analysis the collected data. Relationship between independent and dependent variable were tested by using correlation analysis test and Multiple Regression Analysis.

The test results indicated that there is positive correlation between technology, organization and people factor on estate performance. Findings of this study will be useful for the decision makers of the Regional Plantation Companies to identify the issues related to information systems and find solution to improve the systems by aligning Information technology strategy with business strategy, using data mining techniques to improve business intelligence and using data warehousing technique to aid business decision making. Regional Plantation Companies should develop strong information develop team to facilitate Manager and Staff to using the Information systems and training has to be provided in regular basis improve the skills and ability of both manager and Staff to use the system effectively.

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