

Use of ICT among Secondary Schools in the North Central Province of Sri Lanka

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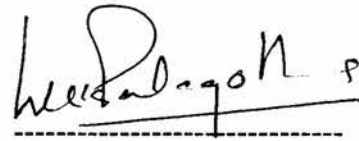
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Declaration

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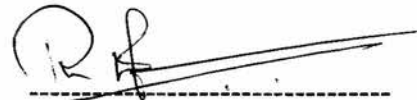
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Abstract

The study investigates diverse individual and organizational factors affecting the effective use of ICT among ICT facilitated secondary schools in the North Central Province of Sri Lanka. In turn it will examine the impact of the use of ICT on individuals' job performances. Empirical data were gathered from a simple random sample of 150 teachers in 30 selected schools using the structured questionnaire methodology.

Overall, the results show considerably low level of ICT integration over 71 percent of respondents of the survey. A fairly notable variation was found in the extent to which respondents use ICT for both information/knowledge creation and dissemination against information/knowledge storage and applications at work. Over one-half of the sample as a whole show low level of ICT competency, which highlights lack training opportunities on task-technology fit. Majority of the sample reveal ICT infrastructure, leadership support, and school planning as major constraints of this scenario. In contrast, respondents' fairly positive attitudes towards ICT has been a positive remark on future developments. Analysis of variance suggested that individuals' age, gender, ICT education, and English language proficiency are significant demographic predictors of ICT use in schools. The research indicate moderate correlation between ICT use and job performance, which suggests the need of realigning all predecessors of the effective use of ICT in managing organizational information/knowledge.

Keywords: Information and Communication Technology, ICT use, Secondary Schools of Sri Lanka

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List of Acronyms and Abbreviations

ANOVA	Analysis of Variance
CRCs	Computer Resource Centers
ICT	Information and Communication Technology
NCP	North Central Province
SEMP	Secondary Education Modernization Project



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