



15th

INTERNATIONAL
CONFERENCE ON
BUSINESS
MANAGEMENT



**SUSTAINABILITY
THROUGH GOING GREEN:
OPPORTUNITIES AND
CHALLENGES FOR BUSINESS**

6th December 2018
Galadari Hotel | Colombo, Sri Lanka

BOOK OF ABSTRACTS

Faculty of Management Studies and Commerce
University of Sri Jayewardenepura
Nugegoda, Sri Lanka



Critical Success Factors Affecting E-Procurement Adoption in Public Sector Organizations in Sri Lanka

Premathilaka, K.M.,
National Savings Bank
Colombo, Sri Lanka
madushanisjb@gmail.com

Fernando, R.L.S.,
Department of Public Administration,
University of Sri Jayewardenepura, Sri Lanka
rlsf@sjp.ac.lk

Abstract

E-procurement is one of the ICT applications utilized in both public and private sector organizations. Many countries all over the world benefited through the government procurement using electronic means as it enables the government to offer more convenient and widespread accessible government services in an efficient, cost-effective and participatory manner. The main purpose of the study are to identify the most significant factors which affect on public sector e-Procurement adoption in Sri Lanka; to identify the level of using electronic methods in procurement function of those organizations and to identify the barriers in adopting e-Procurement in those organizations. The data was collected through a structured questionnaire and interviews were conducted with officers who involved in the procurement function of selected public-sector organizations. The population of the study comprises of the national level public sector entities; Ministries, Departments, Statutory Boards and Public Companies. The sample of 114 officers was selected as key informants based on stratified random sampling method. Both qualitative and quantitative methods were utilized in this study. Quantitative research approach was utilized to identify the determinants of successful e-procurement adoption and the level of e-Procurement usage. The qualitative approach was employed to identify issues in e-Procurement adoption. It was found that Relative Advantage, Compatibility, Complexity, Top Management Support, Employee Knowledge and skills and Supplier Readiness are statistically significantly (at $p < 0.01$) affecting e-Procurement adoption. Those variables altogether explain 66.2% of variance in e-Procurement adoption in the public sector organizations in Sri Lanka. Among them, Top Management Support and Relative Advantage can have 70.2% and 60.2% impact on successful e-Procurement adoption. Weak procurement guidelines, Weak Legal framework and ICT infrastructure, and Lack of IT knowledge and experience of employees are the present barriers to e-Procurement adoption in national level public sector organizations in Sri Lanka. Policy recommendations for the e-Procurement adoption are proposed in the paper.

Keywords: e-Procurement, e-Procurement adoption, Critical success factors, National level public sector organizations