THE ADOPTION OF E-BUSINESS PRACTICES
AMONG SME's IN UZBEKSITAN

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ABSTRACT (ENGLISH)

These researches explore adoption of e-business practice in Uzbekistan and as well SME’s attitude toward e-business. Methods of research use quantitative related on questionnaires, where 150 respondents that we provide questionnaires only 132 respondents give feedback and data analysis based on it. Research paper developed is framework where main independent variables (Organizational context, technological context, environmental context) and dependent variable (Adoption of e-business). Finding shows relationship between independent variable to dependent variable.

The study revealed that organizational context, technological context, environmental context with adoption of e-business. However, the findings are only applicable on e-business practice in Uzbekistan understudy. It is beneficial for future research to examine the relationship between organizational context, technological context, and environmental context during adoption of e-business in other country and industries.

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1.1. Background of the Study

The Internet and related technologies and applications have changed the way doing business, people work, and how information systems support business process, decision making, and competitive advantage (O'Brien & Marakas 2008). The last two decades have observed an enormous and explosive growth in the use of internet technologies especially the World Wide Web for business purposes. E-Business has not only reshaped the existing businesses but also created tremendous opportunities for new businesses (Muhammad G. K., Shah B. 2007). Most of the organizations in the developing countries are conducting business conventionally, yet in the recent past the trend has been changed and they are now doing business via Internet (Davenport, 2000; Travica, 2002). Business organizations, regardless of their size, have applied internet technological tools in a wide range of their business activities including advertising, online delivery of goods and services etc via online business (Ang et al., 2003). Both public and private sector organizations are spending heavily on digitization in the hope of getting a competitive edge in the market. E-business, e-Commerce and e-marketing have been promoted as the savior of the business world and a catalyst to twenty-first century performance in global marketplace (Fillis, Johansson, Wagner., 2003).

As well as with these facts Tookey D.L. (2002), is the Economic & Environmental Officer at the Organization for Security and Cooperation in Europe (OSCE) Centre in Tashkent, Uzbekistan
The contents of the thesis is for internal user only
References


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Lei Chi (2005), Competitive Dynamics in Electronic Networks - Achieving Competitiveness through Interorganizational Systems, Doctoral dissertation, University of Kentucky. Lexington, Kentucky


http://www.arraydev.com/commerce/jibc/


Regional Consultative Meeting on Initiatives for E-Commerce Capacity building of Small and Medium Enterprises, Seoul, Republic of Korea


Other Supportive Information Sources

Business Informational portal www.uzreport.com


UZINFOCOM (2008), Statistics regarding to business web-page registration,
