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COLLEGE OF POSTGRADUATE STUDIES

2022/2023 PhD Thesis Abstract

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RT: E-payment Systems and Revenue Generation of Selected States in Nigeria
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AB: Globally, the strategy for government to generate revenue in a continuous trend had greatly increased in recent decades following increased adoption of e-payment systems. However, studies have shown that developing economies including Nigeria still experience decline in revenue generation due to inadequate use of e-payment systems. Studies exist on e-payment systems but not many have considered the effect of e-payment systems in increasing revenue generation in Nigeria. The study therefore investigated the effect of e-payment systems on revenue generation (personal income tax, rate, withholding tax, capital gains tax, and penalty) of selected states in Nigeria.

The study employed survey research design. The population consisted of 8,264 staff of internal revenue service of five selected states in Nigeria. A sample size of 400 was determined using Taro Yamane's formula. Random sampling technique was used to select respondents. Validated and structured questionnaire was used to collect data, and the response rate was 95%. The Cronbach's alpha reliability coefficients for the constructs ranged from 0.76 to 0.89. Descriptive and inferential (Multiple Regression) statistics were used to analyse the data at 5% level of significance.

The study revealed that e-payment systems had significant effect on personal income tax ($Adj.R^2 = 0.69$, $F(6, 374) = 141.78$, $p < 0.05$), rate ($Adj.R^2 = 0.79$, $F(6, 374) = 239.31$, $p < 0.05$), withholding tax ($Adj.R^2 = 0.27$, $F(6, 374) = 22.46$, $p < 0.05$), capital gains tax ($Adj.R^2 = 0.75$, $F(6, 374) = 187.44$, $p < 0.05$) and penalty ($Adj.R^2 = 0.61$, $F(6, 374) = 97.86$, $p < 0.05$) of selected states in Nigeria.

The study concluded that e-payment systems improved the revenue generation of the selected states in Nigeria. The study recommended that government should deploy state of the art, user friendly electronic payment systems in their revenue generation processes in order to improve revenue generation.

Keywords: Capital gains tax, Electronic payment systems, Penalty, Personal income tax, Rates, Revenue generation, Withholding Tax

Word Count: 299

Abbreviations: RFN: Researcher's Full Name, RD: Researcher's Department, RS: Researcher's School, RE: Researcher's Email, RAE: Researcher's Alternate Email, RP: Researcher's Phone Contact, RT: Registered Title, MS: Main Supervisor, ME: Main Supervisor's E-mail Address, SP: Main Supervisor's Phone Contact, CS: Co-Supervisor, CE: Co-Supervisor's E-mail Address, CP: Co-Supervisor's Phone Contact, AB: Abstract

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