# Fiscal Strategy and Yield of Financial System: Legalization Exertion

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***Abstract*—** The exploration focused on fiscal strategy and yield of financial system: Legalization exertion. It was aimed at determining how fiscal strategy has been useful instrument for running a good and effective financial system. The main objective was to determine how the Apex bank thrives to congregate its short and medium-term objectives of monetary enlargement, price constancy as well as swap-over rate steadiness. Consequently, this write-up is devoted to establish how the Apex Bank of Nigeria is performing with regards to attaining the documented goals of the financial strategies. A few macro fiscal variables like loaning charge, expansive funds, price increases etc. was considered in the analysis. Manifold degeneration technique was engaged in this investigation. The entire the indicators used the evaluation were revealed to considerably manipulate gross domestic product, loaning charge, swap price, as well as price increases except money supply which was revealed to be inconsequential at impacting deviation in gross domestic product. The Granger Causality test indicated that swap price in addition to loaning charge were the substantial variables that explicate deviations in the financial system. Hence, it is suggested that loaning charge, loaning charge, swap price, plus price increases should be considered as effective instruments in formulating financial strategies. Even though, the Apex Bank involvement in the control of swap price along with price increases has not been effective and efficient.

***Keywords*—** Financial, Fiscal, Strategy, System, Yield.

## 1. INTRODUCTION

It is established fact that the main fiscal objectives of nations in the globe are fiscal and monetary enlargement, complete engagement, charge steadiness, as well as steadiness in equilibrium of disbursement. The outstanding way of attaining these objectives are monetary and fiscal strategies. Fiscal and financial strategies manipulate financial doings by means of accessible Apex bank objective like currency delivery, interest charges, and exchange charges (Lipsey & Chrystal, 1996). Again, economic strategy deals with outflows or disbursements as well as taxes assessment. It is means to realizing a vigorous plus wealthy financial system as a result of the significant function currency participate in a marketplace as an article of trade. In addition, Hicks, (1937), by means of the IS/LM model demonstrated the connection involving the money market and genuine product market by means of interest charge target of the Apex bank. This divulges the information that although two of the leading monetary policy goals are economic enlargement in addition to complete engagement in service, it does not attain these straight forwardly but circuitously by means of price and swap charge steadiness, in this manner accomplishing monetary and fiscal steadiness. It could cause an economy to be rich, or appalling fiscal strategy could diminish the expansion attained by the genuine segment conveying a thrashing to her inflow thus making it impossible for the government from the central to the local government level to create social assets, infrastructure, security, non-compliance to financial regulations and other essential services (Asuquo, 2013a, Asuquo, Akpan & Effiong, 2014). The dependability for realization of fiscal strategy is burden on the influence, where the Apex bank was enacted with regulation (Ayodeji & Oluwole, 2018, Asuquo & Effiong, 2010). The big question arises – has the Apex bank in Nigeria been successful in realizing its fiscal policy goal?

### *1.1 Statement of the Problem*

An inclination investigation on price increases, swap price, as well as monetary augmentations demonstrate that the apex bank has yielded less than expected. One could disagree that the poor performing is as result of the financial system being a developing one amid exterior upset approaching as of intercontinental deal plus globalization. A further argument is that the malfunction of apex bank in Nigeria is not unusual to her alone but can be linked with the rest of the Apex banks even in advanced countries. It is often argued that the world commerce sequence is in an arrangement plus point in time where unadventurous fiscal strategy is no longer effectual administration (Lorenzo, 2009). Enoch (2016) put forward that the pessimistic overflow upshots as of the economic weight have worked aligned with the accomplishment of the apex bank in realizing her mission subsequent on the ungraceful connection. Consequent upon the revealed difficulties this investigation was aimed at make use of contemporary

econometric techniques of analysis to evaluate if the yielding of the apex bank in Nigeria has been best possible.

## 2. REVIEW OF RELATED LITERATURE

### *2.1 The conceptions of Supply of thin plus large currency*

We need to bear in mind that fiscal strategy is associated with the way the Apex bank's exercise control above currency flowing in the financial system, the interest charge in addition to the supervising of profit-making banks' resources. These resources are indicators of change supply moreover they are separated into thin plus large currency. It classifies currency supply into touchable currency such as coins, notes as well as other currencies. It is known as thin currency since it carryout the means of swap purpose of currency. This also stands for a large perception of currency and it is currency that is not liquid in less than twenty four hours. Its ease of access along with mellowness is constrained to a specified instance condition and for this reason; it is regarded as an elongated era set down of currency.

### *2.2 Currency Supply Decision and magnitude assumption of currency*

Currency Supply Decision and magnitude assumption of currency deal with the supply of money in terms of bottom and multiplier (Jhingan, 2004). Its attributes are that it is accumulation attentive. Its connection among supply is such that the earlier is the pedestal for the growth and development of the afterward. Currency delivering diverges optimistically, disapprovingly by way of its accessibility with the financial foundation (Keith &Peter, 2003). The assumption of order for currency begins with the magnitude speculation of currency predictably for the under listed facts: It demonstrates the correlation of how disparities in the currency accumulation convey regarding fluctuations in the common charge plane; it is feasible to speak about diverse opinions of order for currency collectively by means of the magnitude conjecture of currency, (Keith & Peter, 2003). The magnitude speculations of currency divulge the straight accessible connection among the reserve of currency in exchange in addition to the value of commodities as well as services.

Dumping the notion of swiftness as offered by the magnitude procedures which make ambiguous the fundamental motives for people claim for supply of currency plus values are indomitable by the cash stability (Jhingan, 2003). It is often asserted that the acceptances for disbursements of goods and services created by companies and disbursements for the payments to employees and factors of production do not harmonize, therefore the need to hold transaction balances and the preventative intention which says that people as a preventative measure hold currency because of unpredicted urgent situations. Mutually family unit and companies hold currency left over to meet unintentional needs. The Preventative reason has an optimistic connection with earnings and pensions consequently could be combined mutually by means of business deal to ensure good standard of living for low income earners and pensioners, who have fixed/stationary and non harmonized income. Another reason for currency claim come up due to the fact that currency is a resource consequently family unit plus companies purchase these resources for expectations and assumption in eagerness of value discrepancy in the upcoming period. Thus, with a rise in interest rate people are stimulated to keep their currency in attachment of mortgage and provisional claim down turns. The overturn is the case when interest charge decreases. Bank Rate is charged on the mortgages the commercial banks obtained from the Apex bank. Throughout spreading out fiscal strategy, the bank charges are stumpy since taking loans from the Apex bank becomes low-priced and economical. The banks in turn integrate; grant low-priced lending to companies and financiers, especially in the area of agriculture; that brings about a multipliers effect in ventures and nationwide revenue. When the strategy has element of price increase, the public treasury bills are sold to citizens. To pay for these treasury bills, the Apex bank might issue draft on itself exchangeable either as a deposit with them or as a currency. Set aside obligation is least amount entitlement for put down currencies preserved. The objectives of this mechanism to guarantee that there is boost in growing as well as engender purpose (Asuquo, 2012a, Abel & Bernanke, 2001, Enoch, 2016, Lipsey & Chrystal, 1996, Keynes, 1936, Asuquo, Uklala, Linus, & Odey, 2020, Asuquo, Tapang, Effiong, Linus, & Uklala, & Duke, 2021, Asuquo, Akpan, & Tapang, 2012, Asuquo, Udoayang, & Enya, 2020).

### *2.3 Eccentric monetary strategy plus lease funding*

The apex bank uses currency supply, interest charge objective to control main outlets of diffusion like interest charge, credit outlet and anticipation outlet. The principal feature of the conservative fiscal strategy is that it is an ordinary epoch where the interest charge is not so small and the values of goods and services are such that companies are optimistic to manufacture. Thus, the financial administrator is not persuaded to loan except leasing, prattle and nattering funding, where assets which are costly are purchased and let out by big financial institutions to small firms at a reasonable rent (Lorenzo, 2009, Asuquo, Udoayang, & Enya, 2020). It trails for that reason that most of the enlightenment

prepared in previous segments of this study epitomizes a high-quality representation of conservative financial strategy and fiscal running. In abnormal times Apex banks openly loan to the private segment or public through the deployment of eccentric monetary contrivances such as acquisition of non-public securities in the unlock market like liability mechanism belonging to monetary establishments. This is frequently known as magnitude slackening. (Lorenzo, 2009, Enoch, 2016, Nonso, 2019, Asuquo, Udoayang, & Enya, 2020).

### *2.4 Pragmatic and Practical Review*

A number of studies focused finding out whether fiscal strategy mechanisms efficiently affect beleaguered monetary constraints. Explorations were carried out on the association flanked by interest rate and ostensible gross domestic goods enlargement. Their outcomes revealed encouraging genuine gross homemade goods and services enlargement. Their results, thus, discard the observation that interest rate is driven by fiscal and monetary enlargement and development in the scrutinized nations (Asuquo, Tapang, Uwah, Dan, & Uklala, 2020, Kang-Soek & Richard, 2018). Sagar and Koli (2019) considered on financial strategy as well as gross domestic goods enlargement in India from 2014 to 2019. Graphic statistics, regression and correlation analyses were all used to arrive on a wrapping up. The preferred fiscal strategy revealed that they all had an inconsequential bang on gross domestic goods enlargement during the study period. Asuquo (2012a) considered on efficiency of fiscal strategy on the enlargement and development of the Nigerian financial system using the OLS econometric technique. The study revealed that the chosen variables influenced the dissimilarity in the nation's gross domestic goods enlargement. It was suggested that there ought to be group effort within the strategies as a result of the government's outflow resolutions. Sulaimanand and Migiro (2014) investigated fiscal strategy as well as monetary expansion applying co-integration, causality test was used on chosen data on financial strategy against the gross domestic goods enlargement. Their result showed that the major variables that impact economic development are swap rate and financial strategy while cash reserve ratio and currency supply were of no consequence in their involvement in influencing fiscal enlargement.

Adigwe, Echekoba and Justus, (2015) using ordinary least square analysis on financial strategy, fiscal growth and development, 1980 to 2010. Their outcome revealed that the Apex bank in Nigeria instruments affect increase in price. Nwokoand and Ihemeje (2016) carried out fiscal strategy on the monetary enlargement. It was exposed that the monetary strategy pointers are inconsequential in influencing gross domestic goods enlargement though normal price was highly considerable. The study suggested that there ought to be improvement of the market for improved working of the monetary scheme to effectively value monetary as suggested by Asuquo (2013b).

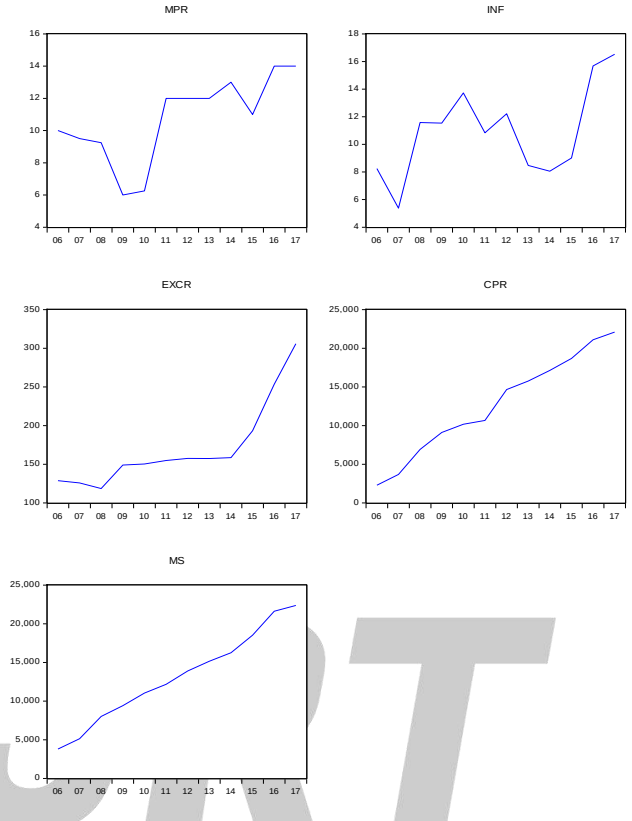


*Fig. 1: Graphic of dynamics of Monetary strategy in Nigeria*

The indicators – financial strategy rate, price increases rate, and currency supply will be used to better understand the dynamics of financial strategy and perhaps throw more light on them. The data span from 2006 through 2017. A careful study of the financial policy rate within this period it can be seen that the Apex bank interest rate fell to its trough within 2009 and 2010. The reason for the fall is related to the global financial crisis that destroyed businesses and investments all over the world.

The Nigerian economy was not left out of the crisis, though it was not as deep as the western world. After this period the MPR has continued to increase steadily until it peaked 2016, after which it has remained steady. From this graph, one can conclude the Apex bank in Nigeria choice of financial strategy target is anti price increases. This explains why the interest rate has experienced higher highs and higher lows within this period. For inflation, there was a fall to its lowest in 2007 after it steadily increased in 2010. A lower low was

experienced from 2010 to 2014 after which it continued to increase till it peaked in 2017. A comparative analysis of MPR and INF shows that the performance of the monetary authority has not been effective. This connotes that the monetary policy rate does not really explain the variations in inflation. The data on exchange rate shows that there has been a persistent increase against our naira which is characterized by a higher high and higher low trend from 2007 to 2017.

Though the central bank pumps in hundreds of millions of dollars into the foreign exchange market to preserve the value of the naira, the currency has continued to suffer from the hands of the dollar.

It is glaring that the monetary authority given the inadequate structure of the economy that is weak and fragile, cannot manage the naira effectively. Currency Supply (Ms) and Credit to Private Sector when looked individual one can identify a steady increase within the period. However, when both variables are individually divided by the gross domestic product (GDP) they become financial deepening variables.

## 3. RESEARCH METHODOLOGY

### *3.1 Research design*

This study employed the regression method of analyzing using secondary data which were collected Apex annual reports of 1984 to 2019.The regression result from the analysis formed the basis for final conclusion made.

### *3.2 Model Specification*

GDP = F (LR, EXR, INF, MS)

The econometric form is

$$LGDP = \beta_0 + \beta_1 LR + \beta_2 LnEXR\, \beta_3\, LnINF + \beta_4 LnMS + Ut \ldots\ldots\ldots (1)$$

Where LnGDP is the natural log of the real GDP, $\beta_0$- constant term, LR - lending rate, LnEXR - exchange rate, LnINF- inflation, LnMS- money supply, $U_t$ is the stochastic error term. $B_1$, to $B_4$ are the coefficients.

### *3.3 Estimation Techniques*

***3.3.1 Unit root test:*** The data used if they are non-stationary.

Thus, before conducting our VECM analysis, we test for stationary making use of some unit root test. This enables the researcher to make estimates that are void of spurious regression

The ADF regression is given as

$$\Delta y_t = \propto_0 + \propto_{1 y_{t-1}} + \sum_{t=1}^{n} \propto \Delta y_{t-1} + ut \ldots\ldots\ldots\ldots\ldots (4)$$

$$\Delta y_t = \propto_0 + \propto_{1 y_{t-1}} + \beta t + \sum_{t=1}^{n} \propto \Delta y_{t-1} + ut \ldots\ldots\ldots\ldots\ldots (4^1)$$

While equation (4) is an ADF regression model with a drift, equation ($4^1$) is an ADF regression model with a drift and linear time trend. A critical assumption of ADF is its parametric method of taking care of taking care of serial correlation in the error term.

### *3.3.2 Co-Integration Test:*

It shows if there is a long run relationship among the variables. Vector Error Correction Model: The study employed this technique in studying the implementation of policies in Nigeria.

Variance Decomposition: Variance decompositions are embedded on granger test.

### *3.4 Sources and measurement of Data*

Annual time's series for the period 1984 through 2019 are used for the estimation of the models specified above. The data series were gotten from Apex bank in Nigeria Statistical Bulletin.

### *4. Empirical Results*

The results from the estimation of the models

*Table 4.1: Unit Root Result*

| | Order of Integration | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Variable | Levels | 1st Diff | 2nd Diff | | Level | 1st D | 2nd D | |
| LnGDP | 0.28 | -4.39** | - | I(1) | 0.28 | -4.37** | - | I(1) |
| LR | -4.34** | - | - | I(0) | -3.20 | -6.46*** | - | I(1) |
| LnEXR | -2.94 | -5.32*** | - | I(1) | -2.94 | -5.37*** | - | I(1) |
| LnINF | -3.199 | -2.57 | -4.82** | I(2) | -2.85 | -5.85*** | - | I(1) |
| LnMS | -1.22 | -3.93 | -4.48** | I(2) | -0.26 | -3.99 | -6.83*** | I(2) |

From the table all the variables are not stationary at levels for both tests except for lending rate. For the ADF result LnGDP and LnEXCR were stationary after taking their first difference while LnINF and LnMS were stationary after taking their second difference.

*Table 4.2: Johanson Co-Integration Result*

| Panel A (Trace) | | | | |
|---|---|---|---|---|
| Hypothesized | | Trace | 0.05 | |
| | Eigenvalue | Statistic | Critical Value | Prob.** |
| None * | 0.902469 | 137.6472 | 69.81889 | 0.0000 |
| At most 1 * | 0.611250 | 67.81982 | 47.85613 | 0.0002 |
| At most 2 * | 0.578532 | 39.47522 | 29.79707 | 0.0028 |
| At most 3 | 0.304994 | 13.55488 | 15.49471 | 0.0960 |
| At most 4 | 0.084234 | 2.639833 | 3.841466 | 0.1042 |
| Trace test indicates 3 co-integrating equation(s) at the 0.05 level | | | | |

LR is non-stationary at levels it means a long run relationship among them. From Panel A which is the Trace test shows three co-integrating equations since their Trace statistics are greater than their 0.05 per cent critical value.

| Panel B Unrestricted | | | | |
|---|---|---|---|---|
| Hypothesized | | Max-Eigen | 0.05 | |
| No. of CE(s) | Eigenvalue | Statistic | Critical Value | Prob.** |
| None * | 0.902469 | 69.82740 | 33.87687 | 0.0000 |
| At most 1 * | 0.611250 | 28.34460 | 27.58434 | 0.0399 |
| At most 2 * | 0.578532 | 25.92035 | 21.13162 | 0.0098 |
| At most 3 | 0.304994 | 10.91504 | 14.26460 | 0.1585 |
| At most 4 | 0.084234 | 2.639833 | 3.841466 | 0.1042 |
| Max-eigen value test indicates 3 co-integrating equation(s) at the 0.05 level | | | | |

Panel B which is the Eigen tests also shows that three variables are co-integrated.

*Table 4.3: Estimates of Co-Integrating Vector*

| Variables | Coeff. | s.e | t.stat | Prob. |
|---|---|---|---|---|
| Constant | 2.378 | - | - | - |
| LR | -0.317 | 0.037 | -8.653 | 0.004*** |
| LnEXR | 2.102 | 0.264 | 7.936 | 0.033** |
| LnINF | 2.678 | 0.333 | 8.033 | 0.042** |
| LnMS | -1.495 | 0.141 | -10.585 | 0.013** |
| Source: Authors' Computation, 2021 | | | | |

Table 4.3 which is the normalized co-integrating vector shows the long run relationship. Table shows percent level except, lending rate which is significant at 1 per cent. The table also reveals that lending MS are negatively related, thus a per cent increase in lending rate and money supply reduces gross domestic by 0.317 and 1.495 per cent respectively. For exchange rate and inflation, a percentage increase on both variables increases gross domestic product by 2.102 and 2.678 percent respectively.

*Table 4.4: Short Run Estimates*

| Variables | **Coeff.** | **s.e** | **t.stat** | **Prob.** |
|---|---|---|---|---|
| Constant | 0.044 | 0.047 | 0.932 | 0.050** |
| ΔLR | -0.027 | 0.011 | -2.381 | 0.005*** |
| ΔLnEXR | 0.132 | 0.055 | 2.376 | 0.023** |
| ΔLnINF | 0.108 | 0.038 | 2.848 | 0.013** |
| ΔLnMS | -0.112 | 0.177 | -0.632 | 0.280 |
| ECM | -0.043 | 0.022 | -1.932 | 0.011** |
| $R^2$ = 0.742, $R^2$adj = 0.584,<br>F stat =4.70***, Serial LM Test = 30.397 (0.209), White Heteroskedastical Test = 326.586 (0.542) | | | | |
| Source: Authors' Computation, 2021 | | | | |

The table above is the short-run estimate for gross domestic product. All the variables were relevant with a priori expectation except for money supply. Lending rate and money supply were discovered to be negative influencers of the gross domestic variable while exchange rate and inflation were positive influencers. The ECM which is the term for error correction is negative meeting its a priori expectation and significant at 5 per cent. The adjusted R squared is 0.584 which is caused by the independent. F stat is 4.70 which is greater than 0.01 critical value of 4.02 which means that the independent variables are jointly significant. Serial LM test which is a test for autocorrelation has a Prob. Value of 0.209 which is insignificant shows the absence of autocorrelation.

*Table 4.5: Decomposition of Short Run Variance*

| Independent | | | | | | |
|---|---|---|---|---|---|---|
| | ΔLnGDP | ΔLR | ΔLnEXR | ΔLnINF | ΔLnMS | ECT |
| Dependent Variables | $\chi^2$ - Prob. | | | | | P.value |
| ΔLnGDP | - | 13.947*** | 5.765* | 9.400*** | 1.357 | -0.043** |
| ΔLR | 1.263 | - | 1.037 | 4.993* | 0.209 | -0.901 |
| ΔLnEXR | 0.093 | 0.022 | - | 7.090** | 0.861 | -0.105* |
| ΔLnINF | 4.697* | 6.217** | 3.705812 | - | 1.322 | -0.376* |
| ΔLnMS | 3.802 | 2.389 | 10.684** | 2.088 | - | 0.019** |
| Source: Authors' Computation, 2021 | | | | | | |

The above presents the granger causality test result based on the VAR/VEC analysis. This test which is a short-run analysis will add more weight to the shreds of evidence produced by the VECM short-run analysis in table 4.4 and also help one to know the direction of causality. The table shows that three out of the variables significantly granger causes gross domestic product. It also shows that only inflation granger causes lending rate and exchange rate with no feedback exchange rate but for lending rate. Inflation is granger caused by gross domestic product and lending rate with feedback for both variables.

Only exchange rate granger causes money supply with no feedback. The above therefore shows that there are uni and bi-directional granger causality in the VECM model.

*Table 4.6: Variance Decomposition for LnGDP*

| Period | S.E. | LnGDP | LnEXR | LR | LnINF | LnMS |
|---|---|---|---|---|---|---|
| **1** | 0.0753 | 100.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| **2** | 0.135 | 92.354 | 0.283 | 7.269 | 0.042 | 0.049 |
| **3** | 0.1826 | 92.069 | 0.611 | 6.592 | 0.563 | 0.162 |
| **4** | 0.242 | 77.570 | 4.870 | 15.673 | 1.183 | 0.702 |
| **5** | 0.3165 | 64.937 | 6.868 | 25.531 | 1.397 | 1.264 |
| **6** | 0.399 | 54.733 | 7.939 | 33.911 | 1.762 | 1.653 |
| **7** | 0.488 | 47.330 | 8.826 | 40.044 | 1.999 | 1.799 |
| **8** | 0.5790 | 42.769 | 9.061 | 44.128 | 2.142 | 1.898 |
| **9** | 0.6697 | 39.857 | 9.228 | 46.683 | 2.218 | 2.011 |
| **10** | 0.7643 | 37.314 | 9.411 | 48.896 | 2.259 | 2.117 |
| Source: Authors' Computation, 2021 | | | | | | |

Table 4.6 presents the Cholesky variance decomposition for gross domestic product.

It suggests that the forecast error variance of the gross domestic product is caused by 100 per cent of its own innovations in the first year. In the second period, the variance caused by its LnGDP's own innovation fell to 92.354 per cent because of shocks from other variables.

After 10 - period variance from own innovation fell to 37.31 per cent and 62.68 per cent variations were jointly caused by the independent variables.

*Table 4.7: Variance Decomposition for LnEXR*

| Period | S.E. | LnGDP | LnEXR | LR | LnINF | LnMS |
|---|---|---|---|---|---|---|
| **1** | 0.269 | 0.991 | 99.008 | 0.000 | 0.000 | 0.000 |
| **2** | 0.338 | 3.568 | 91.150 | 5.215 | 0.0445 | 0.020 |
| **3** | 0.464 | 10.671 | 69.780 | 17.072 | 2.409 | 0.063 |
| **4** | 0.606 | 12.824 | 59.209 | 24.536 | 3.082 | 0.346 |
| **5** | 0.683 | 14.454 | 54.799 | 26.690 | 3.486 | 0.568 |
| **6** | 0.735 | 15.114 | 54.386 | 26.151 | 3.697 | 0.649 |
| **7** | 0.798 | 15.365 | 53.546 | 26.742 | 3.722 | 0.625 |
| **8** | 0.859 | 15.435 | 52.950 | 27.347 | 3.673 | 0.593 |
| **9** | 0.910 | 15.529 | 52.588 | 27.615 | 3.687 | 0.579 |
| **10** | 0.961 | 15.630 | 52.108 | 27.945 | 3.739 | 0.575 |
| Source: Authors Computation, 2021 | | | | | | |

Table 4.7 is the forecast error variance for exchange rate. In the first period, 99 per cent shocks came from exchange rate while about 1 per cent from gross domestic product. In the tenth period, 52.1 per cent variations are from exchange rate, while the remaining shocks were majorly from gross domestic product and lending rate.

*Table 4.8: Variance Decomposition for LnINF*

| Period | S.E. | LnGDP | LnEXR | LR | LnINF | LnMS |
|---|---|---|---|---|---|---|
| **1** | 0.487 | 6.548 | 43.962 | 30.519 | 18.969 | 0.000 |
| **2** | 0.644 | 3.8874 | 49.337 | 27.459 | 15.9255 | 3.388 |
| **3** | 0.689 | 5.389 | 43.594 | 28.804 | 16.066 | 6.145 |
| **4** | 0.804 | 9.687 | 32.519 | 39.915 | 12.280 | 5.605 |
| **5** | 0.840 | 11.771 | 32.901 | 38.217 | 11.704 | 5.404 |
| **6** | 0.876 | 13.725 | 33.950 | 36.140 | 11.099 | 5.084 |
| **7** | 0.908 | 15.731 | 33.892 | 34.615 | 10.872 | 4.887 |
| **8** | 0.938 | 16.668 | 34.661 | 32.578 | 11.204 | 4.886 |
| **9** | 0.968 | 17.778 | 35.026 | 30.854 | 11.349 | 4.990 |
| **10** | 0.999 | 19.346 | 34.569 | 29.802 | 11.302 | 4.978 |
| Source: Authors Computation, 2021 | | | | | | |

Table 4.8 shows that 81.03 variations in the innovations of price increases are caused by independent variables while only 18.969 variations are self-innovated during the first period. In a tenth period variation from inflations, self-innovation fell to 11.302 per cent while variations from the independent variables increased to 88.698 per cent. Most of the shocks that influenced changes in inflation came from macro indicators.

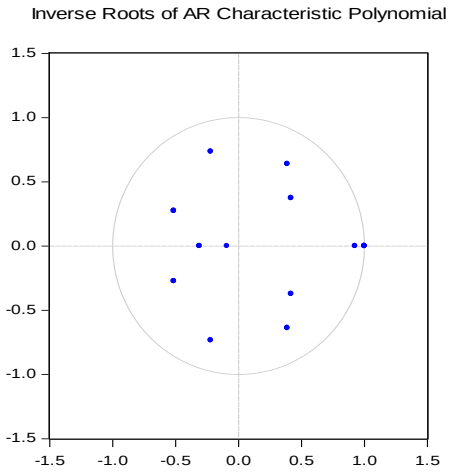


*Fig 4.1: Control Test*

In order to ascertain if the VEC result is valid, we run a stability test via the inverse roots of AR is system-by-system model while the alternative states that the inverse roots lie inside.

### *4.2 Discussion of Findings*

#### *4.2.1 What are the dynamics of monetary policy in Nigeria?*

Fiscal and financial strategies in Nigeria have elongated springing from swap price focusing to economic focusing. At the moment the Apex bank in Nigeria realizes her objectives and aspirations through circumlocutory concentration on a number of financial and economic indicators/measures as diffusion mechanisms. The Apex bank in Nigeria formulates strategies on short and medium term aims and purposes through focusing on micro- economic indicators. The Apex bank in Nigeria is facades mainly with two strategy constraints; price increases as well as yield. The fixing of the interest charge is reliant on their reaction to either of the constraints. If the reaction to price increases is strapping, then interest charge is situated at soaring point and if the reaction to yield in the interest charge is fixed stumpy then both would be drag to equilibrium point. From the graphic representations and charts, one could see that from 2010 there has been a increase in the Apex bank's financial strategy. These disclose the reality that a great deal of burden has been positioned on price constancy. This demonstrates why financial deepening is low, savings and capital configuration are insufficient, monetary insertion and endorsement of entrepreneur's strength of mind has declined over the years.

The Apex bank has also embattled swap price over the study phase. The chart of swap price shows a rise against naira even with their monthly interference. The persistence depreciation of the naira is structurally predisposed as the economy is still a single direction financial structure relying on oil proceeds for a huge break apart of its foreign earnings. Though they continued to control hovering structure the certified swap price underestimates the naira. A more visible value of the naira could be established in the corresponding market. The swap price strategy of the Apex bank in Nigeria which has enhanced manifold and compound swap charge as result of corruption, looting, financial reporting system and non compliance to accounting standards by businesses and professional accountants not making use of information technology in performing their line of works and professional practices; has dissuade and hindered the ventures in the manufacturing sector and invasion of overseas swap over plus reserves/ventures in small scale businesses into the country. The short-run estimates of causality assessments would provide one a high-quality channel to making a conclusion. The short-run estimates show that monetary strategy variables significantly affect economic growth and development. To add more credibility to the result, the causality check was engaged. It seconds the same results for monetary policy variables on gross domestic product. Only lending rate was discovered to significantly impact price increases as a financial strategy as swap charge and currency supply were inconsequential. Finally, no monetary strategy mechanisms were found to impact variations in swap price. Only inflation is the variable that causes significant variations in swap price. From the tests, we wrapped up that financial strategy has considerable effect in cycle with results similar previous investigations. Long-run estimates are on tables 4.3, 4.6 to 4.8. From the estimate of co-integration estimates as obtainable on 4.3 demonstrates relevant with the signs meeting their a-priori expectations except for money supply. Looking at 4.7 it was revealed that swap price as a financial strategy variable has a larger involvement to its discrepancy when compared to other financial strategy variables in the 10th phase. This implies that a preceding swap price assessment of the Apex bank in Nigeria influences the present swap price value. Finally, 4.8 showed that inflation after its 10th period is largely influenced by financial strategy. About 70 per cent deviations in price increases were established to be inclined by shocks from pointers in the investigation. It has a long-run shock effect on the economy (Ayodeji & Oluwole, 2018, Ufoeze, Odimgbe, & Ezeabalisi, 2018, Asuquo, 2012a, 2012b, 2012c & 2012d, Asuquo & Arzizeh, 2012, Asuquo & Udoayang, 2020, Asuquo, Dan, & Effiong, 2020, Asuquo, 2013c, Asuquo & Akpan, 2012, Asuquo, Dada, & Onyeogaziri, 2018).

## 5. CONCLUSION

Pragmatically, accomplishment of financial and fiscal system in the current era commenced with the deregulation of the financial system as anticipated in SAP, the Apex bank in Nigeria was given additional independence in guiding and supervising the fiscal and monetary segment, the globe experienced sequence of fluctuations in oil prices and eventually, it degenerated to the years of a worldwide monetary and fiscal depression and condensation. The survey engaged numerous verifications to reach the advantageous wrapping up. The study revealed that financial and fiscal strategy is essential and critical. Nevertheless, the investigation has also made known that price increases in the nation has been unrelenting every year. The worth system makes great reliant on monthly oil delivery which makes a bigger split of the country's overseas set

aside. Conversely, the overseas set aside has also experienced incessant decrease. Consequently, as the currency is persistently devalued, businesses also experienced enlarge costs of production leading to lean capital structure done creatively by businesses to ensure that the costs are moved/transfer to end users and goal of earning management is attained (Asuquo & Ejabu, 2018, Asuquo, 2011, Udoayang, Akpanuko & Asuquo, 2009, Asuquo, & Arzizeh, 2012, Asuquo, 2012b, Asuquo, Fadenipo, Ogbeche, & Ahonkhai, 2017). It could be deduced that the variation disintegration of price increases are deviation from swap price as well as loaning charge. Consequently, it could be argued that swap price steadiness overlay price steadiness, hence the malfunction of the Apex bank in Nigeria in price steadiness is resultant from her malfunction in swap price strategy (Asuquo, 2012c & 2012d).

## 6. RECOMMENDATIONS

Established on the outcomes, it was suggested that: The Apex Bank in the country ought to augment the quantity and percentage of currency supply to the real gross national goods and services. This will stimulate monetary and fiscal intensification and spiraling, discourage credit portioning as well as lease-hunting actions, and develop monetary and fiscal enclosure, lastly making the monetary and fiscal structure to be energetic. The financial system must be branch out and the reliant of the nation on prime overseas trading/petroleum export ought to be discouraged. The mechanized segment must not be crammed full with manufacturing internally rather people should be persuaded to participate positively with their overseas corresponding persons. The Apex bank's existing swap price strategy should act as the resolution to the swap price as well as price increases problem in the nation. The economic situation demands that there ought to be a synergy and harmonization of macro-fiscal strategies among strategy developers and administrators. In the course of onward regulation, the strategy goals will mutually put together resolutions at the same time as considering the judgment of the other persons. This will rally round them to bring about further victory in realizing macro- fiscal goals and purposes in the nation (Asuquo & Akpan, 2012, Asuquo, Tapang, Uwah, Dan, & Uklala, 2020).

## 7. REFERENCES


[1] Abel, A., Bernanke, B. (2001). Macroeconomics, (4th ed.). New York: Addison Wesley.

[2] Adigwe, K, Echekoba, F. & Onyeabga, B.C, (2015). Monetary Policy and Economic Growth in Nigeria: IOSR Journal of Business and Management 17, (2) 110-120

[3] Asuquo, A, (2012a). Accounting for the Impact of Monetary Policy on Nigerian Economic Growth. Empirical Assessment.International Journal of Innovative Research and Development. 2278 – 0211.

[4] Asuquo, A. I., Akpan, A. U., & Effiong, C. (2014). Accounting for influence of execution of financial conventions on revenue utilization in Local Government Areas Nigeria's experience of level of voluntary compliance. European Journal of Accounting, Auditing and Finance Research, 2(5), 1-18.

[5] Asuquo, A. I. (2013a). Revenue base and social assets creation in Local Government Areas in Cross River State-Nigeria: A virile tool for overcoming exclusion and strengthening inclusion for sustainable development in third world. IOSR Journal of Social Sciences and Humanity, 7(3), 59-66.

[6] Asuquo, A. I., Udoayang, J. O. & Enya, E. F. (2020). Chartering funding and returns on assets of Guarantee Currency Stores. European Journal of Management and Marketing Studies, 5(2), 160-174.

[7] Asuquo, A. I. & Udoayang, J. O. (March, 2020). Effect of Accounting Practices on trade and Information technology in Calabar Metropolis. International Journal of Recent Technology and Engineering, 8(6), 1572-1577.

[8] Asuquo, A. I., Dan, N. O., & Effiong, G. T. (2020). Impact of information technology on accounting line of works. International Journal of Recent Technology and Engineering, 9(2), 1572-1577.

[9] Asuquo, A. I. (2013b). Analysis of financial accounting standards and their effects on financial reporting and practices of modern business organizations in Nigeria.European Journal of Business and Management, 5(4), 60-68.

[10] Asuquo, A. I., Dada, E. T. & Onyeogaziri, U. R. (2018).The effect sustainability reporting on corporate performance of selected quoted brewery firms in Nigeria. International Journal of Business & Law Research, 6(3): 1-10 July-September.

[11] Asuquo, A. I. &Akpan, A. U. (2012). Professional ethics as instruments for Effective and efficient financial management in the Nigerian public sectors: A scientific approach. International Journal of Advance Innovations Thoughts and Ideas, 1(6): 5-10.

[12] Asuquo, A. I., Uklala, A. P., Linus, M. U., & Odey, I. O. (2020). Synergy of banks' amalgamation and loaning by small agro-based firms: Evidence from Nigeria, International Journal of Management, 11(12), 1111-1118.

[13] Asuquo, A. I., Tapang, A. T., Effiong, G. T., Linus, M. U., & Uklala, A. P., & Duke, S. B. (2021). Remuneration reforms and welfare of employees in public school: Experience from Nigeria. Research in World Economy, 12(2, Special issue), 113-122.

[14] Asuquo, A. I., Akpan, A. U. & Tapang, A. T. (2012). Nigerian pension reforms and management: New strategies for rewarding past intellectuals towards sustainable development in the third world. USA, Global Journal of Management and Business, 12 (13) 11-18.

[15] Asuquo, A. I. (2013c). The efficiency of stock markets in the pricing of financial assets: An analysis of the Nigerian stock market (2001- 2010). International Journal of Management. 30 (4) 396-403.

[16] Asuquo, A. I. (2011). Impact of creative accounting and earnings management on modern financial reporting. The Nigerian Academic Forum, 20(1): 1-6.www.globalacademicgroup.com(online).

[17] Asuquo, A. I. & Ejabu, F. E. Effects of thin capitalization and International Law on performance of multinational companies in Nigeria. Journal of Accounting and Financial Management.2018; 4(2): 47-58.

[18] Asuquo, A. I. (2012b). Empirical analysis of the impact of information technology on forensic accounting practice in Cross River State-Nigeria. International Journal of Scientific and Technology Research, 1 (7): 25-33.

[19] Asuquo, A. I. (2012c). Impact analysis of interest rate on net assets of multinational business in Nigeria. Research Journal of Finance and Accounting, RJFA@iiste.orgg, 3(7): 64-70.

[20] Asuquo, A. I. (2012d). Inflation accounting and control through monetary policy measures in Nigeria: Multi-regression analysis (1973-2010). IOSR Journal of Business and Management, 1(2): 53-62 (May-June).

[21] Asuquo, A. I., & Arzizeh, T. T. (2012). An empirical analysis of foreign exchange rate risk exposure and the performance of Nigerian companies: 2002-2011. International Journal of Current Research and Review, 4(23): 1-8.

[22] Asuquo, A. I. & Akpan, A. U. (2012). Professional ethics as instruments for effective and efficient financial management in the Nigerian public sectors: A scientific approach. International Journal of Advance Innovations Thoughts and Ideas, 1(6): 5-10.

[23] Asuquo, A. I., Fadenipo, A. A., Ogbeche, L. O. &Ahonkhai, O.E. (2017). Effect of inflation accounting on business income measurement of quoted manufacturing companies in Nigeria. Imperial Journal of Interdisciplinary Research, 3(1):1886-1894.

[24] Asuquo, A. I., Tapang, A. T., Uwah, U. E., Dan, N. O., &Uklala, A. P. (2020). Accounting implications of micro-fiscal measures and quality of real gross national goods and services: Empirical evidence from Nigeria. Research in World Economy, 11(6), 155-163.

[25] Asuquo, A. I. & Effiong, S. A. (2010). Reporting the financial effects of price- level changes in globalized economy, Nigeria. International Journal of Management Science, 2(3): 6–77.

[26] Ayodeji. A, & Oluwole. A, (2018). Impact of Monetary Policy on Economic Growth in Nigeria. Open Access Library Journal,1(1),12-23

[27] Dickey, D. & Fuller, A, (1979) Distribution of the Estimators for Autoregressive Time Series with Unit Root. Journal of American Statistical Association. 74:427-431.

[28] Engle, R. F, (1982) Autoregressive Conditional Heteroscedasticity with Estimates of the Variance of United Kingdom Inflation. Econometrica, 50, 987-1007.

[29] Enoch. U. I, (2016). Monetary and Fiscal Policies Interaction and their effects on Price and Output in Nigeria. An M.sc Thesis, University of Lagos, Nigeria.

[30] Hicks, J, (1937). Mr Keynes and the Classic: A suggested interpretation. Econometrics. 5(2): 147-59.

[31] Jhingan, M. L, (2003). Macroeconomic Theory, Delhi: Vrinder Publications Ltd.

[32] Johansen, S., (1988). Statistical Analysis of Cointegration Vector. Journal of Economic Dynamics and Control 12(2-3), 231–254.

[33] Kang-Song, L & Richard, W. (2018). Reconsidering Monetary Policy: Ecological Economics 146 26–34.

[34] Keith, B & Peter, H. (2003). Monetary Economics: New York: Palgrave Macmillan,

[35] Lipsey, R.& Chrystal A. (1995). An Introduction to Positive Economics, London: Oxford University Press,

[36] Lorenzo, B.S. (2009). Conventional and Unconventional Monetary Policy. Keynote Lecture at the International Centre for Monetary and Banking Studies (ICMB), Geneva.

[37] Nonso, O. (2019). Unconventional Monetary Policy. Business Day.

[38] Nwoko, N, & Ihemeje, J. (2016). The Impact of Monetary Policy on the Economic Growth of

Nigeria. African Research Review. 10(3): 2070-0083

[39] Onwuteaka, I., Okoye, P., &Molokwu, I.M, (2019) Effect of Monetary Policy on Economic Growth in Nigeria.International Journal of Trend in Scientific Research and Development 3(3), 2456 – 6470.

[40] Sagar, S & Koli, L (2019). A study of Monetary Policy and its impact on GDP Performance: With Reference to the Indian Economy. Easy Chair Preprint, 2237.

[41] Sulaiman, L.& Migiro, S, (2014). The Nexus between Monetary Policy and Economic Growth in Nigeria: A Causality Test, 3(2)

[42] Udoayang, J. O., Akpanuko, E. E., &Asuquo, A. I. (2009). Multinational transfer pricing and international taxation: What, why, how and reporting challenges. African Research Review, 3(5.):165-181.

[43] Ufoeze, O, Odimgbe, S, Ezeabilisi, N & Alajekwu, U, (2018). Effect of Monetary Policy on Economic Growth in Nigeria: An Empirical Investigation 2393 – 1795.