



**SOKOTO STATE UNIVERSITY - NIGERIA**

7th Global Research Conference on  
**AFRICAN DEVELOPMENT  
POLICIES & STRATEGIES**

**THEME:**  
**Strategies for Achieving  
Development Policies in Africa:  
Multi-disciplinary Assessment**

**ABSTRACT &  
PROCEEDINGS**

..... WEDNESDAY 26TH - THURSDAY 27TH JANUARY, 2022 .....



## **7TH GLOBAL RESEARCH CONFERENCE ON AFRICAN DEVELOPMENT POLICIES AND STRATEGIES**

### **THEME**

Strategies for Achieving Development Policies in Africa: Multi-disciplinary Assessment

**DATE:** 26th - 27th January, 2022

**TIME:** 10:00 am

### **CHIEF HOST**

**Prof. Sani Muhammad Dangoggo**  
Vice Chancellor,  
Sokoto State University

### **LEAD SPEAKER**

**Asso. Prof. Chukwuemeka J. Diji**  
Research, Innovations, Consultancy & Extension  
Kampala International University

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## **7TH GLOBAL RESEARCH CONFERENCE ON AFRICAN DEVELOPMENT POLICIES AND STRATEGIES**

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### **CONFERENCE PROGRAMME**

#### **DAY ONE – Wednesday 26th January, 2022**

##### **OPENING SESSION/PLENARY**

Conference Registration	- 8:00am – 9:00am
Opening Prayer/Welcoming Remark	- 9:00am – 9:15am
Institutional Brief/Chairman's Opening Remark	- 9:15am – 9:30am
Research Training	- 9:30am – 12noon
Launch Break/Group Photograph	- 12noon – 1:00pm
Plenary Session	- 1:00pm – 4:00pm
Policy Review Session	- 4:00pm – 5:00pm

#### **DAY TWO – Thursday 27th January, 2022**

##### **OPENING SESSION/PLENARY**

Conference Registration	- 8:00am – 9:00am
Opening Prayer/Welcoming Remark	- 9:00am – 9:15am
Institutional Brief/Chairman's Opening Remark	- 9:15am – 9:30am
Research Training	- 9:30am – 12noon
Launch Break/Group Photograph	- 12noon – 1:00pm
Plenary Session	- 1:00pm – 4:00pm
Policy Review Session	- 4:00pm – 5:00pm



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**Professor Havindra Kumar**  
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# Conference Abstracts

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## The Relationship between Teachers' Leadership Style and Students' Academic Performance (Achievement): A Case Study of Yerwa Government Girls Secondary School Maiduguri Borno State

<sup>1</sup>Ibrahim Major Bukar, <sup>2</sup>Saidu Ali Dawa, <sup>3</sup>Ibrahim Aluba Shani & <sup>4</sup>Mr. Ojo. Oluwasesan Adebuseyi

<sup>1&2</sup>Department of Physics

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<sup>1,2,3&4</sup>Umar Ibn Ibrahim El-kanemi College of Education, Science and Technology,  
Bama, Borno State

### Abstract

The study was carried out on the relationship between teachers' leadership style and students' academic performance in government secondary schools in Maiduguri, Borno State, the researchers looked deep into the concept of leadership style and how it affects them positively or negatively. The way manner teachers behave is what is termed as leadership style. Under this leadership style, four major types were discussed namely; altercative autocratic, benevolent-autocratic, Laissez-Faire and democratic twenty (20) items questionnaire for the research were designed and the data obtained was analyzed based on simple frequency distribution and percentage. A total number of one hundred (100) students were randomly sampled for the study comprising one hundred (100) female students. The twenty (20) items questionnaire was administered to obtain data on the four (4) teacher's leadership style. There are five (5) different questionnaires making a total of fifty (50) questionnaire were administered. The result of the study should show that the leadership style of a teacher seriously affects the academic performance of the students both. Positively and negatively the result further showed that democratic leadership style of teachers has profile impact and enhances student's academic performance or achievement while the other types of leadership style affect the student's academic performance negatively.

**Keywords:** *Leadership style, Autocratic, Benevolent autocratic, Laissez-Faire, Democratic*

## Indispensability of the Engineering Education in Economy and National Development

**Babagana Ali Dapshima**

*School of Technical Education.*

*Umar Ibn Ibrahim El-kanemi College of Education Science and Technology,*

*P.M.B 16, Bama Borno State.*

### Abstract

Scientists investigate that which already is; Engineers create that which never has been". Engineering is an application of science to the common purpose of life. Engineers turn dreams into reality. This article examines engineering education as an economic development of global society and how these themes can impact on a country economic growth. This article clarified the argument that engineering education changes global environment and how it increasingly depends on a country's ability to understand the role of human capital. The article further describes the importance uses of engineering education and knowledge of technology in appropriate ways for development of a country.

**Keywords:** *Development, Economy, Education, Engineering, Indispensability, National.*

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## Boiefficacy of *Balanite Egyptiaca* Leaves Extract (Powder) against Infestation of *Callosobruchus Maculatus* of Stored Cowpea (*Vigna Anguiculata*)

**Aishatu Mustapha**

*Department of Biological Sciences*

*Umar Ibn Ibrahim El-Kanemi College of Education Science and Technology*

*Bama, Borno State*

### Abstract

Biopesticides were recently considered the most environmentally friendly, lesser cost and effective alternative to synthetic pesticides. The aim of this study is to investigate and unfold the insecticidal potentialities of *balanite egyptiatica* leaves powder against *callosobruchus maculatus* infestation of stored cowpea, *vigna unguiculata*. Acetone leaves extraction was made according to standardized procedure of National Agency for Food and Drug Administration and Control NAFDAC. The extraction of the powder was carried out at the following grams of Acetone, (0.5, 1.0, 1.5, and 2.0g). The mortality rate of the pest was determined at all the percentages. The finding indicated that *balanite egyptiatica* leaves powder is toxic on *callosobruchus maculates* even at 0.5% concentration against 10g of cowpea, However, its more toxic at 2.0% concentration against 10g of cowpea under the same ambient condition. The study suggests that Acetone extraction *balanite egyptiatica* leaves powder could be used in cowpea, *vigna unguiculata* storage for pest control.

**Keywords:** *Boiefficacy, Balanite Egyptiaca, Leaves Extract, Infestation, Callosobruchus Maculatus, Stored Cowpea*

## Personnel Management Practice and Lecturers' Job Involvement Effectiveness in Tertiary Institutions in North-East Zone of Nigeria for Development Policies and Strategies

**Dr. Grema Ali Dapshima**

*Department of Educational Foundation, School of Education  
Umar Ibn Ibrahim El-Kanemi College of Education, Science and Technology,  
Bama. Borno State. Nigeria*

### Abstract

The study investigated personnel management practice and lecturers' job involvement effectiveness in Tertiary Institutions in North-East Zone of Nigeria for achieving development policies and strategies. A research question and null hypothesis was tested. A correlation survey research design was employed for the study, covering population of 3,001 (i.e., 376 administrators and 2,625 lecturers). The sample size of the study was 497 (i.e., 202 administrators and 295 lecturers) using multistage, stratified, purposive and simple random sampling techniques to select the sample. The instruments used were Questionnaire developed by the researcher titled: Personnel Management Practice Effectiveness Questionnaire (PMPEQ) and Lecturers' Job Involvement Questionnaire (LJIQ) for administrators and lecturers. The reliability of the research instruments was determined using Cronbach Alpha. The Cronbach Alpha reliability coefficient of the instruments was 0.90 and 0.88 respectively. The data collected through questionnaire were analyzed using Mean, Standard Deviation and Pearson Product Moment Correlation Coefficient (PPMC). The study revealed that personnel management practice effectiveness was moderately effective in Colleges of Education in North-East Zone of Nigeria, with a Grand Mean of 3.20. Also, there was a significant moderate positive relationship between personnel management practice effectiveness and lecturers' job involvement in Colleges of Education in North-East Zone of Nigeria ( $r = 0.50, p < 0.05$ ). Based on these findings, it was recommended, among other things, that government should monitor the activities of the Colleges of Education to improve personnel management practice effectiveness and lecturers' job involvement in Colleges of Education in North-East Zone of Nigeria for the smooth running of the tertiary institutions for achieving development policies and strategies.

**Keywords:** *Personnel, Management, Practice, Effectiveness, Administrators and Job Involvement.*

## Identification and Control of Fungal Pathogens Responsible for the Deterioration of Stored Onions in Maiduguri Borno State

**Alhaji Abdulsalam Ahmed**

*Department of Integrated Science*

*Umar Ibn Ibrahim El-Kanemi College of Education Science and Technology Bama*

### Abstract

Survey of fungal pathogens responsible for the deterioration of stored onions was conducted in Maiduguri Borno State. The study was aimed at testing some indigenous plant materials to control the diseases. Three (3) organisms were isolated and identified as follows: 1) *Aspergillums niger*, *Aspergillus, flavus* and *Botrytis aclada*. The pathogenicity test indicated that all these three (3) organisms were pathogenic on stored onions; however, *A Niger* was the most devastating with highest mean rot diameters of 29.00mm and *Botrytis aclada* with mean rot of 23.10mm. The highest incidence of the diseases was recorded in Muna Market (68%), Gamboru Market (43%). *A niger* was predominant followed by *Botrytis aclada* in Muna Market of the three (3) indigenous plants tested on the organisms, Neem seed extract was highly significant, followed by mahogany bark extract. And Bitter leaf extract was least significant. It is therefore recommended that plant materials are cheaper and ecologically friendly compared to the pesticides which are highly toxic and ecologically unfriendly.

**Keywords:** *Aspergillums niger, Aspergillus flavus, Botrylics aclada, Ecological pesticides, Toxic*



## Skill Acquisition: A Panacea to Youth Unemployment in Nigeria

**Vincent C. Onah, PhD**

*Department of Political Science  
University of Nigeria, Nsukka*

### Abstract

One of the main issues in development discourse today is the persistent problem of youth unemployment. The task of overcoming this pandemic has occupied policy agenda of governments across space and time. Nigeria is one of the nations that have waged war against youth unemployment. Sadly, successive youth empowerment intervention schemes such as N-power, among others, have not been successful in terms of solving youth unemployment in Nigeria. Using a mix-method of data collection and analysis and relying on the theory of postcolonial state, the paper explained why successive youth employment strategies have not been successful. The paper takes a position that entrepreneurship via skill acquisition is the best alternative in resolving youth unemployment and engendering economic and technological development in Nigeria. It recommends among others, government honest and genuine investment on human capital as one of the right steps towards actualizing this noble national goal.

**Keywords:** *Skill acquisition, Youth unemployment, Entrepreneurship, Technological, Nigeria*

## The Economic Impacts of COVID-19 on the Nigerian Development: An Emergent Theme in Narrative Structure

<sup>1</sup>Frank Ifeanyichukwu Amiriheobu, <sup>2</sup>Onum, James Okoh,  
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<sup>3&4</sup>*Department of Music Education, School of Arts and Social Sciences*

*Federal College of Education (Technical), P.M.B 11, Omoku, Onelga, Rivers State, Nigeria*

### Abstract

The study aims at identifying the economic impacts of COVID-19 on the Nigeria development in the recent time. COVID-19, as a cankerworm has positioned as major menace that is plaguing the economic cum political strata of world nations, thus, has malicious effects which assert pervasive, albeit, negative influences on the Nigerian development. It's presence in the Nigerian society resulted to an unconditional nationwide lockdown; unprecedented shutting of seaports, railways, airports and borders; and restriction of social, religious and personal activities. It thereafter, asserts and effectuates hardship, pain, suffering, hunger, sickness and death of the people and threatens the existence of the Nigerian state. This decadence has maliciously and heinously increased the level of corruption, nepotism, favouratism and tribalism, that for long have positioned as the greatest enemy of the Nigerian state; thus, is envisaged through the unpatriotic activities of greedy and sleazy administrators that are charged with the responsibilities of allocating palliatives and monetary obligations to the most vulnerable and thereafter, contain the noble pandemic and ameliorate pain and suffering in the Nigerian society. The gargantuan effects of these copious activities are an increase in theft, armed robbery, pick pocketing, shop breaking, kidnapping, and total breakdown of law and order. With Discourse Theory and Analytical Methodology, the study interrogates the negative impacts of COVID-19 on the Nigeria economy in the 21<sup>st</sup> century. Amongst the major recommendations, the study suggests that cognitive measures should be employed by governments at all level towards developing the Nigerian state even in the midst of COVID-19 pandemic.

**Keywords:** *Economic, COVID-19, Nigerian Development, Emergent Theme, Narrative*

## Undergraduate Students' Perceptions of the Use of Moodle Learning Management System in Usmanu Danfodoyo University, Sokoto

<sup>1</sup>Nura Bawa <sup>2</sup>Hafsat Yusuf Imam and <sup>3</sup>Aishatu Jibril Bello

*Department of Curriculum Studies and Educational Technology,*

*Faculty of Education and Extension Services, Usmanu Danfodiyo University, Sokoto.*

### Abstract

This study investigated the undergraduate students' perceptions of the use of Moodle learning management system in Usmanu Danfodoyo University, Sokoto. The study adopted descriptive survey design. The population of the study include all the undergraduate students from the University. Target population include all the 9200 students from the Faculty of Education and Extension Services. A sample of 370 students was selected as guided by the Research Advisors (2006) model for determination of sample size. A researchers' structured instrument titled "Questionnaire Measuring Students' Perception of the Use of Moodle for Learning" (QMSPUML) was used for data collection. To ascertain the reliability of the instrument, a pilot study was conducted and an index of 0.89 was obtained. Results from the study revealed that the undergraduate students had positive perceptions of the utilization of Moodle LMS. It was also found that some of the problems associated with the use of the platform for learning include inconsistency of power supply, technical and psychological issues. The study concluded that since the students perceived the LMS positively, it is crucial for the University to improve its ICT capacity and make available to students all necessary supports and facilities they need to excel academically.

**Keywords:** *Moodle; LMS; Perception; Learning*

