



PRICE

PEACE HOUSE
RESEARCH AND INNOVATION
CENTER OF EXCELLENCE

"...not for price, nor reward..."
Isaiah 45:13



PEACE HOUSE
RESEARCH AND INNOVATION
CENTER OF EXCELLENCE
GBOKO BENUE STATE - NIGERIA

CONVOCATION
21ST SEPTEMBER, 2024

CUTTING-EDGE RESEARCHERS

God's Battle Axe

Gbile Akanni

I N S I D E

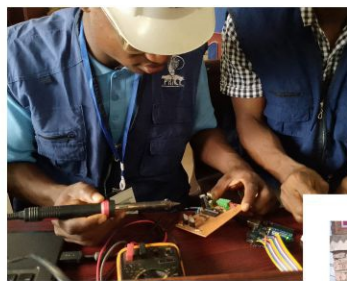
GROW IN GRACE - DENNIS TSEGA | **GOD'S WEAPONS OF WAR** - SEUN OLUFOLAJI | **GO AND PAY YOUR DEBT** - TOPE ADENIYI
TIME TO SEEK THE LORD - GBOLAGADE OLUSEGUN | **TIED** - FOLAKE GBOLAGADE | **THE PRICE I SEE** - EZE T. FRANKSON

Tapping Nigeria's Vast Resources through Project-Based Learning (PBL) and Collaborations - MICHAEL U. ADIKWU
University of Nigeria, Nsukka,

Repositioning the Nigerian education system for Industrialization and Economic Development through Research and Innovation.
PROF. (MRS) PRISCILLA MWUESE UTOO
Benue State University, Makurdi, Nigeria



PHOTO SPEAK



NATIONAL ANTHEM

Arise, O compatriots,
Nigeria's call obey
To serve our fatherland
With love and strength and faith
The labour of our heroes past
Shall never be in vain
To serve with heart and might
One nation bound in freedom,
peace and unity.

Oh God of creation,
direct our noble cause
Guide our leaders right
Help our youth the truth to know
In love and honesty to grow
And live in just and true
Great lofty heights attain
To build a nation where peace
and justice shall reign.

NATIONAL PLEDGE

I pledge to Nigeria my Country
To be faithful, loyal and honest
To serve Nigeria with all my strength
To defend her unity and uphold
her honour and glory
So help me God.



PRICE
PEACE HOUSE
RESEARCH AND INNOVATION
CENTER OF EXCELLENCE

AS A NOMENCLATURE

PRICE ; Peace-House Research and Innovation Centre of Excellence. Isaiah 45:13
I have raised him up in righteousness, and I will direct all his ways; He shall build My city. And let My exiles go free, not for PRICE nor reward, says the LORD of hosts.

AS AN ENTITY

OUR VISION

The vision is that of a Center where individuals in whom Christ is being formed engages Him (Christ) in solving practical and applicable challenges (Exodus 31:1-6, 36:1).

OUR MISSION

Raising disciples of Christ for the workplace: We believe that Cyrus did not happen accidentally, he was raised. Therefore, PRICE is yet a discipleship work but in the context of researches and innovations. To achieve this, the principles of Christ are central to the running of PRICE. This is to extend discipleship frontiers of the Living Seed Team to reach out to those who will only open their doors to us just because the solution to their technological hiccups and challenges are provided for in Christ.

To provide a base where Christ's life and excellent professionalism can be seen in one individual. By this, the present dichotomy which put Christ's life and competence on different plains in the body of Christ will be removed.

To provide a community of believers who can labour together to enthrone Christ without any prejudice of denomination or culture. At PRICE, we thus live and labour together in fellowship that exemplifies the unity of the body of Christ both while at the Centre and beyond.

To exemplify the sacrificial life of Christ in paying the PRICE for all the lives that the Lord will bring to us for discipleship. This is the reason why at PRICE, money is not our driving factor.

OUR OBJECTIVES

We aim to research and develop solution to transform healthcare, Agriculture, Entrepreneurship, Automated Production System, Construction and Education.

We aim to pioneer disruptive technologies that will make life affordable for the masses in the developing nation and bring them to the LORD.

In the process of the two above, we aim to train and empower millions of youths into creative thinking, job creation and entrepreneurial drive yet with a consecration that is not less than that of a Priest (Acts 6:3).

OUR MOTTO

"...not for price, nor reward..."
Isaiah 45:13

OUR EMBLEM



NAME	Emediong Udo
EMAIL	emeblessudoh@gmail.com
INSTITUTION ATTENDED	University Of Uyo, Akwa Ibom State
COURSE STUDIED	Computer Science
DEPARTMENT IN PRICE	ICT, Software Development (Full Stack) / Data Analysis

ONLINE
COURSES &
CERTIFICATIONS

- ◆Udemy - The Complete Flutter Development Bootcamp, Udemy - Python For Data Science And Machine Learning Bootcamp
- ◆Coursera - Python For Data Science, AI and Development, Coursera - A Crash Course in Data Science, MERN Stack Development
- ◆Coursera - Foundations of Project Management, CISCO - Networking Essentials
- ◆CISCO - IOT Essentials, System Hardware Repairs And Maintenance

SKILLS
ACQUIRED

- ◆Leadership and Entrepreneurship
- ◆Project Management
- ◆Computer Networking
- ◆Data Science
- ◆Full-stack Mobile Development

PROJECT WORK IN PRICE

E-Commerce Mobile App for purchase and reading of Peace House Books



In depths of confusion and uncertainty, seeking direction and clarity, He said, "Come unto me and I'll give you rest." Rest? It would be seamless, a simple state of inactivity, or so I thought. But no, it was a call to walk with Him, to seek Him, to inquire for and require Him as my vital need. This would later summarize my experience in PRICE, but first, the struggles. The struggles with time, tasks, and instructions. Unsure how I'll make it to the end, but His grace carries me day by day. Soon, I laugh at the things that once had me in derision. I don't know how I got here, but it's clear God is doing something.

Have I entered into all of God's plans for me in two years? Obviously not. But in two years, He has set the course of my life forever. He teaches me the way and causes me to walk in it. This was my priceless experience in PRICE.

NAME **Johnson Adedayo Sobalaje**

EMAIL sobajohnson455@gmail.com

INSTITUTION ATTENDED University of Ibadan, Ibadan

COURSE STUDIED Industrial and Production Engineering

DEPARTMENT IN PRICE Mechatronics

- ◆ Networking Essentials (CISCO), IoT Fundamentals: Connecting Things (CISCO)
- ◆ Cybersecurity (CISCO), Internet of Things and Embedded Systems (Coursera)
- ◆ Python for Data Science, AI & Developments (Coursera)
- ◆ Interfacing with the Arduino (Coursera), Embedded Machine Learning (Coursera)

ONLINE COURSES & CERTIFICATIONS



- ◆ Computer Aided Design (Autodesk Inventor Professional, Autodesk FUSION 360)
- ◆ Solar Power Design, Installation and Power Management
- ◆ Embedded System Design and Installation, Electronics and Electrical System Troubleshooting
- ◆ Arduino Programming, Python Programming, Internet of Things (IoT)
- ◆ Electronic Circuit Simulation (TinkerCAD, Wokwi...etc),
- ◆ Leadership and Entrepreneur Skills, Effective Communication, Teamwork,
- ◆ Project and Time Management, Problem Analysis, Critical Thinking and System Analysis
- ◆ Metal Works Fabrication (Cutting, Gridding etc.)

SKILLS ACQUIRED



PROJECT WORK IN PRICE

Smart Power Management System

My deep gratitude to God for bringing me this way, if not by His mercy that He ordered my steps to PRICE where He put end to all my inner struggles, I would have been a young man with zeal but in reality, no true understanding and direction. It was in LEDEYO/PRICE experience that the old man died and I received the New Creation Life. Also, it was during my training here in PRICE that the seed of how a child of God ought to live and what to live for, the Kingdom to live for and if need be, to die for, was sown.

Furthermore, discipleship became more practical to me by relating with those hand He has placed over me. God used His words through different arrangements (such as discipleship, sport activities, power management, documentary, book review etc.) in the course of my training to deal with and train my heart. Now, I have a clear understanding that every man He has captured shall live by the new heart He has given to him. I have come to understand that whatever is committed to my hands must be carried out first by and with my heart, that what God is looking for first is my heart-attitude to it; to trust Him for His grace and myself as channel only, to keep it diligently and faithfully as unto Him.

I was able to see and experience what it means to live by faith and not to doubt the integrity of God's words, His promises. Also, I learnt various skills and how they can be applied to solve real life problems. My desire and prayer as I go on: more of Him I want to know and more of Him I want to become as I trust Him for His grace to walk with Him day by day.

CUTTING-EDGE RESEARCHERS

God's Battle Axe
Gbile Akanni

*A Charge to PRICE graduating set 2 of 2024
Gbile Akanni, Peace House, Gboko.*

Introduction

I praise the Lord for another set of God's battle axe are set to take the battle to the gates of the enemy, and they are ready to be launched and shot forth. Your trajectory is being prepared and the range of these projectiles are being set by God as He has also prepared the path for you to walk into all the works He has prepared for you to walk in them. We have come to this convocation with the deep sense of divine responsibility to pray and set you apart for the work unto which He has called you.

God has kept you here in the past two years, in an intensive incubation, as it were in the cave of 'Adullam'. You have been so stretched, as to develop and increase the elasticity of your capacity to conceive, conceptualise, concretise, contextualise and create things out of nothing to solve perennial problems in the community and in the larger society for the kingdom and glory of God.

Our first strategy as it is the priority of heaven is to see you walk out of the human nature (the self-life) which is corrupt through and through, and to have the new creation life, even Christ, living in you. It is Christ living in you, Christ at work in you and Christ flowing through you into all the branches of His work on earth that is the hope, the basis and the rationale of the glory that shall break forth in your lives, and by your hands in all you do henceforth.

We have responded to the Lord in setting up this Research and Innovation centre, to raise ambassadors for Christ, who He can take to the gates and with them rule in the midst of His enemies- be it at the gate of Medicine, Engineering, Power and Energy, Research and Academics or ICT business. We are doing all these, so that the kingdom of our Lord Jesus Christ may be established on the earth, and that through these researches and innovation, you might bring excellence to bear upon the scientific and technological exploits that God has kept in store for those who love Him. It is for you to stand tall at the gates, ruling for Him in the midst of His enemies.

In my charge to the first set, I reflected that...

Great researchers would not leave the pit of their mines or the laboratories of their inventions to get ordinary

appointments. They want to remain in the brain box of things. Their joy is to see the result of their researches bring blessings to men and solve real problems on the earth. Their joy is more valuable to them than their salaries. We send you forth as a missionary into this avenue of kingdom service, not just for money. No one must devalue, despise, demean, disregard and discredit you, as to buy you cheaply off your ground. The kingdom of God must find expression through the things that God has created with clear intentional purposes and we must subdue the earth and make His enemies His footstool even in areas of science, technology and creative arts. For this, have you been raised! This is why you were in PRICE to win the PRIZE for His glory.

And this is still the fulcrum of my charge to you today also. You were brought into PRICE without any price being charged on you, so that you can be focused on winning the Prize... There is a prize, the prize of His high calling, you must run to win. Though worldly goods would be cast at your feet, when the world sees the value you are bringing, their goods is not the prize to win... You are raised for God to do exploits and to set the kingdom of his enemy on fire as the three hundred foxes of Samson did to the field of the Philistines; and as the three hundred men of the Gideon's army dislodged the Midianites in their multitude. You are raised as the young David who with a smooth stone in a catapult brought down the head of Goliath, the giant of Gath and proclaimed victory for the hosts of Israel. You have been trained to use local materials to create innovations through scientific research, to bring verifiable and veritable solutions to human challenges all around us. This is the prize you been raised and launched out to go and bring home to the Kingdom of God.

Hear the word of the Lord concerning you particularly since you came into our hands and for this we have prayed continually for you...

You are my battle axe and weapons of war”,

“Thou art my battle axe and weapons of war: for with thee will I break in pieces the nations, and with thee will I destroy kingdoms; and with thee will I break in pieces the horse and his rider; and with thee will I break in pieces the chariot and his rider; with thee also will I break in pieces man and woman; and with thee will I break in pieces old and young; and with thee will I break in pieces the young man and the maid; I will also break in pieces with thee the shepherd and his flock; and with thee will I break in pieces the husbandman and his yoke of oxen; and with thee will I break in pieces captains and rulers.”
Jeremiah 51:20-23 KJV

“You are my battle axe and weapons of war”, says the Lord... He is the Mighty Warrior, great in battle. Jehovah is His name. What a privilege it is for Him to pick you as His battle axe and with you in His hand, He goes into battle at the gates against His enemies.

I want you to pay very close attention to the tenor of His word to you in this passage. The worker, the warrior and the one who breaks in pieces is the Lord, and you hear Him say repeatedly, “I will break in pieces...”; “I will destroy kingdoms”; “I will break in pieces...”. He is able and abundantly so, to bring down, and throw down, all that has stood for years as mountains and obstacles to His purpose on earth. He has all it takes to execute His counsel, no matter the cost and no matter who is involved. He is the great God and the whole earth is but His mere footstool. Nothing is difficult for Him to do or bring forth.

But what is amazing is this repeated word, “With you, I will...”; “With you, I will...”. And this is why you have been recruited for this intensive training. This is the purpose that has been purposed in God’s heart while you were being formed in your mother’s womb. You were formed to be His weapon of war in this end time. You were being prepared to be His battle axe, and the gates in which He intends to use you to dislodge His enemy has to do with your professional skills.

The enemy has occupied those territories unchallenged for so long, to the extent that we have been made to think it is not for the Church, men and women from Zion to venture. And those who even went in had to veil their identity as if Christ is not the Lord over that space. They seemed to have set up their kingdoms and placed therein principalities who boast night and day, “This has been delivered to my hands and I give to whosoever I will. To have a bite here, you must bow the knee”. Though we are the salt of the earth and the light of the world, we have accepted to be the salt in the ‘sachet’ and the light under the ‘bushel’. It is time to tear the sachets for the salt to be sprinkled into the decaying earth. It is time to break the pitchers and the bushels for your light to shine and dispel the darkness that is engrossing that area of your calling. It is time to go to the gates to take over and recover all the enemy sits upon.

The three men in David’s army broke through the garrison of the Philistines in Bethlehem to fetch the water from the well at great jeopardy to their lives. They came back victorious! Our King is thirsty to receive your



NAME

Onwumelu, Esther Chinyere

EMAIL

onwumeluesther89@gmail.com

INSTITUTION ATTENDED

Nnamdi Azikiwe University, Awka (B.Eng)

COURSE STUDIED

Metallurgical and Materials Engineering

DEPARTMENT IN PRICE

Mechatronics

- ONLINE COURSES & CERTIFICATIONS
- ◆ CISCO Networking Essentials, CISCO Internet of Things (IoT) Fundamentals, Cybersecurity
 - ◆ Python for Data Science, Solar Energy and Electrical System Design, McKinsey Forward Program (Beginner and Advanced)

- SKILLS ACQUIRED
- ◆ Applied Research Works
 - ◆ Computer Aided Designs (CADs): Autodesk Inventor, CFD, Fusion360
 - ◆ Finite Element Analysis: ANSYS
 - ◆ Leadership, Resilience, Solar power management, Team collaboration

PROJECT WORK IN PRICE

Re-engineering a manual water tap to an automated water tap, with a self-charging system



This walk of faith with God while in PRICE, has been nothing short of God's Mercies, Love, Grace, Discipline, Exposure, Provision. I sincerely cannot pay for what this experience here has wrought in my life. I believe it will translate to what men can see, experience, and testify of, just like the testimony of the Pharisees and Scribes about the Disciples, "... they have been with Jesus...". However, much more is an Eternal, Invisible change within which connects me to my Maker that I take away from here. This training has been characterized with much pressing, crushing, demolishing, learning and unlearning, all in my frail little body. But in all these, the grandeur and exceeding greatness of the power of God was showcased, such that His might was demonstrated in a weak, earthen vessel. There is no limit to what He can do through me. He Who led me here, will also lead me on till His purpose is accomplished. Finally, I greatly appreciate all the vessels and the entire team He used while here, to sharpen me. May God bless and reward you all. Amen!



NAME
Oluwatayomi Peter Oni



EMAIL
onioluwatayomip029@gmail.com



INSTITUTION ATTENDED
Federal University of Technology, Akure (FUTA)



COURSE STUDIED
Agricultural Engineering



DEPARTMENT IN PRICE
Mechatronics

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ONLINE COURSES & CERTIFICATIONS
- ◆Networking Essentials, IOT Fundamentals, Introduction to Cybersecurity, Python Essentials (CISCO)
 - ◆Python for Data Science, Ai and development, Solar Energy and Electrical System Design
 - ◆Renewable Energy Technology Fundamentals, Internet of Things and Embedded Systems
 - ◆CAD, CAM and Practical CNC Machining, Arduino Platform and C Programming Interfacing with The Arduino (In progress), 3-Axis Machining with Autodesk Fusion 360 (In progress), (All in Coursera)

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SKILLS ACQUIRED
- ◆Leadership and Entrepreneurial, Hospitality and Managerial, Team Work
 - ◆Project Management, Solar power design, installation, management and Control
 - ◆Metal works and fabrication, Arduino Projects and Programming

PROJECT WORK IN PRICE

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- Designing and Constructing an Efficient Wind Turbine Blade System.
 - Power Management Device

I bless the Lord for bringing me to PRICE. Initially, the two years was too costly for me and I was not going to have space for it. Responding in obedience to my discipler's counsel, the Lord thereafter began to introduce PRICE to me. He called it a quarry site like that of Daniel and his colleagues in the land of Babylon, Joseph in the prison and a further practicality of Lam.3:27.

These two years have actually paid off. The Lord has been faithful all through, showing His faithfulness in every aspect of the training-in the class, in the kitchen, on the field and the rest. He gave me the two legs needed to stand on as His ambassador in this generation, i. e., by making me a Priest and a Professional. The privilege of leadership exposure and entrepreneurship which enlarged and taught me life lessons was not left out. I would forever be grateful to God, the leadership of Peace House and the management of PRICE for the great opportunity. 'You shall see the fruit of the travail of your soul over us and shall be satisfied' is my prayer to the Lord and for all the resource persons the Lord is using for us. Amen.

exploits. He is waiting for you to overthrow and bring forth something fresh to quench His thirsts. God has declared war against His enemies, but you are His battle axe and weapons of war. It is with you, He will break all that must broken and shattered in pieces at the gates.

All we have sought God to do in all your training here is for you to become a vessel in His hand. God does not use anyone who has not come voluntarily and willingly into His hands in concerted discipleship. Only the arrows in His quiver is useful and can be used in the day of battle. Your intentional and intensive discipleship exposure in the past two years is to situate you perpetually in His hand and for you to cease being a truant and a free ranger with potentials wasted. We watched you develop your personal devotions, prayer life and ability to call on the Lord for on-the-spot inspiration in the middle of a laboratory process or project design and construction. It is time to engage and call them forth as take your journey from here.

The development of your research capacity, entrepreneurial exposures and the projects you were challenged with is to train your hands for war and your fingers to fight.

"Blessed be the Lord my Rock, Who trains my hands for war, And my fingers for battle—"Psalms 144:1 NKJV

You were trained to leap over a wall that could have been hurdles unto you and to see living by faith as the way by which the righteous live and overcome the world and its systems. Faith in Christ and in His word will make you overcomers in research and innovations. Faith in Christ and total reliance on the Spirit will open doors into mysteries unto you and you will be head only and not tails, you will be above only and not beneath. We trained you not to be a servant of mammon and its appetite. You learned to live above money and you have seen God meet your personal needs and the corporate needs for your training and your feeding and projects in these two years. This is not to be left as you drive out of this camp. It must become your life-approach to every situation that comes your way.

Look at the testimony of another battle axe in God's hands and from there, do take your bearing:

"It is God who arms me with strength, And makes my way perfect. He makes my feet like the feet of deer, And sets me on my high places. He teaches my hands to make war, So that my arms can bend a bow of bronze. You have also given me the shield of Your salvation; Your right hand has held me up, Your gentleness has made me great. You enlarged

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my path under me, So my feet did not slip. I have pursued my enemies and overtaken them; Neither did I turn back again till they were destroyed. I have wounded them, So that they could not rise; They have fallen under my feet. For You have armed me with strength for the battle; You have subdued under me those who rose up against me. You have also given me the necks of my enemies, So that I destroyed those who hated me.” Psalms 18:32-40 NKJV

Let me put the issues as bullet points for you. I know this will be your own testimonies as well in times to come. It is Him at work in you that is the secret of all the exploits you will record as you take your journey into life from here.

The preparation, equipping and training

- 1 It is God who arms me with strength, And makes my way perfect.
- 1 He makes my feet like the feet of deer, And sets me on my high places.
- 1 He teaches my hands to make war, So that my arms can bend a bow of bronze.
- 1 You have also given me the shield of Your salvation; Your right hand has held me up, Your gentleness has made me great.
- 1 You enlarged my path under me, So my feet did not slip.

The Pursuit and Result

- 1 I have pursued my enemies and overtaken them; Neither did I turn back again till they were destroyed.
- 1 I have wounded them, So that they could not rise; They have fallen under my feet.
- 1 For You have armed me with strength for the battle;
- 1 You have subdued under me those who rose up against me.
- 1 You have also given me the necks of my enemies, So that I destroyed those who hated me.”

So shall it be unto each one of you. Through the Lord God, our Father, you shall do valiantly in Jesus name. You are a man or a woman commissioned unto a divine assignment. You cannot be distracted with the civilian affairs all around you. Keep a single eye on the Lord and on your assignment. Your consignment is commensurate with your assignment and your allocation will meet you at the location of your posting. Blow His trumpet everywhere you go. Charge the everlasting doors, ancient gates to lift up their heads as the King of glory comes in riding on your back. Lift up prayer uproars against the gates...

“Lift up your heads, O you gates! And be lifted up, you everlasting doors! And the King of glory shall come in. Who is this King of glory?
The Lord strong and mighty, The Lord mighty in battle.
Lift up your heads, O you gates! Lift up, you everlasting doors! And the King of glory shall come in. Who is this King of glory?
The Lord of hosts, He is the King of glory. Selah”
Psalms 24:7-10 NKJV

Finally,

Keep on your knees at His feet long enough regularly, so you can stand strong and long on feet. Keep the fire burning, pack out burnt ashes, to keep your fire fresh. Keep a single eye on your goals, so your entire body will be full of light, having no part dark. Keep your spirit fervent, gaining fresh momentum every step of the way. Keep in fellowship with the PRICE family as you are growing to be a brand of His soldiers in the coming days, taking positions in different parts on the planet Earth. Keep your ears attuned to the final trumpet if He comes before we see you again. Plan to meet up with us in the air. God bless you.



NAME
Kwarpo Retyit Silas

EMAIL
retyitpaul60@gmail.com 07060952405,09043340201

INSTITUTION ATTENDED
Plateau State University, Bokokos

COURSE STUDIED
Pure and Applied Chemistry

DEPARTMENT IN PRICE
Information Communication Technology (ICT)

◆Python for Data Science

◆Networking Essentials Skills: LAN configuration, Wireless router setup, Network security, Cisco device networking

◆IoT Fundamentals: Connecting Things Skills: IoT prototyping with sensors, actuators, and micro-controllers; Python, C++, Cisco Pi_App, Raspberry Pi

◆Leadership development, Entrepreneurship skills, Project management, Teamwork,

◆Software Development (Fullstack web Development)

PROJECT WORK IN PRICE

School Management System



My journey in PRICE has been one of discovery and transformation. I came seeking direction, but God showed me that my real need was transformation. Through challenges, He revealed my flaws, reminding me that this is my place of refinement. My prayer became, "Lord, transform my life."

PRICE also exposed me to Christians excelling in their fields, teaching me that true excellence comes from letting Christ live through you. I'm grateful for the gift of discipleship, and while I'm still on the journey, I know my life has changed for the better.



NAME
Kayode Joel kehinde

EMAIL
oluwakayodekehinde@gmail.com

INSTITUTION ATTENDED
Obafemi Awolowo University, Ile-Ife

COURSE STUDIED
Pure And Applied Chemistry

DEPARTMENT IN PRICE
Mechatronics

- ◆IoT Fundamentals: Connecting Things, Networking Essentials (Cisco)
- ◆Python for Data Science, AI & Development (Coursera).
- ◆Solar Energy and Electrical System Design (Coursera).
- ◆Introduction to the Internet of Things and Embedded Systems (Coursera)
- ◆Introduction to Web Development with HTML, CSS, JavaScript (Coursera)
- ◆Project Initiation: Starting a Successful Project Mckinsey Forward program (Coursera)

ONLINE COURSES & CERTIFICATIONS



- ◆Solar power design, installation and management, - Metal work fabrication (cutting, welding, grinding and drilling), Plumbing,
- ◆Computer aided design with Autodesk inventor
- ◆Circuit design, soldering and de-soldering of PCBs, Testing and debugging of circuits
- ◆Introduction to Web design (HTML & CSS), Python programming, Computer networking,
- ◆Leadership development, Entrepreneurship skills, Project management, Teamwork,

SKILLS ACQUIRED



PROJECT WORK IN PRICE



Production of Oxygen and Hydrogen through electrolysis for sustainable energy generation



Before 2022, I was a mess to myself. LEDEYO came to give me a living hope. "Come and I will give you those things that you will need in your journey" were the words with which He invited me to the table He had prepared in PRICE (Luke 14:15-24). First He restored unto me the right mind and drew me closer to Himself. He gave me a time and space to practise and prove His word (Communion, faith, New creation).

Then by various practical and professional exposures began to train my head and my hands. Using everyone around me (Resource persons and fellow interns), every teaching, and every circumstance, He began to expose every faults and cracks in me to focus His molding hands on them so as to form me into a balanced usable vessel unto honor. Finally, He opened my

eyes to that one thing that is needful for me to pursue and keep pursuing (i.e. Jesus and His Knowledge). Ebenezer. May His name be praised. And to all that the Lord has used; thank you for yielding to the Lord.

Grow in Grace

DENNIS TSEGA

When I set my heart to exhort you on this forum, I immediately sensed an inclination to admonish you to focus more deliberately on your growth in the grace of our Lord and Saviour Jesus Christ.

Simon Peter concluded his second epistle with the following words, inter alia:

But the day of the Lord will come as a thief in the night, in which the heavens will pass away with a great noise, and the elements will melt with fervent heat; both the earth and the works that are in it will be burned up. Therefore, since all these things will be dissolved, what manner of persons ought you to be in holy conduct and godliness, looking for and hastening the coming of the day of God, because of which the heavens will be dissolved, being on fire, and the elements will melt with fervent heat? Nevertheless we, according to His promise, look for new heavens and a new earth in which righteousness dwells. Therefore, beloved, looking forward to these things, be diligent to be found by Him in peace, without spot and blameless;

You, therefore, beloved, since you know this beforehand, beware lest you also fall from your own steadfastness, being led away with the error of the wicked; but grow in the grace and knowledge of our Lord and Savior Jesus Christ. To Him be the glory both now and forever. Amen. 2Pe 3:10-14, 17-18 NKJV

Our growth in the grace and knowledge of our Lord Jesus Christ is what secures our faith in Him. His grace deepens the roots of our experience of His life and guarantees the progressive fulfilment of all that He has purposed for our lives to accomplish for His Kingdom upon the Earth.

Generally speaking, grace is the capacity to do good. Particularly, the grace of our Lord Jesus is the supernatural equipping and enabling that God has made available to us through the working of the life of Christ Jesus in us.

It is by the grace of our Lord Jesus that we are redeemed from sin, self, the lusts of this world and the

oppression of Satan. His grace is what guarantees our daily victorious living over all temptations, trials and persecutions. His grace enables us to have a daily communion with the Father that is rich and fulfilling. His grace initiates the joy of salvation in our hearts and keeps us rejoicing in Him all the days of our lives. It is by His grace that we can serve Him acceptably and fruitfully. It is by His grace that we can walk into all the works that He has willed for us to accomplish in this life. By the same grace we are kept by the power of God until we enter into the glorious inheritance He has kept for us in Heaven.

The grace of our Lord Jesus is inseparably linked to His Personal life. It is the capacity of His life that is the grace that was witnessed upon Him as a man. We can operate in the same grace when He lives His life in us. It is the daily manifestation of His life in and through us that reveals His grace upon our lives. Therefore, the only way to cultivate the grace of our Lord Jesus in us is by growing His life in us. The seed of His grace is planted in you in the day He is born in you. As you nurture His life in you, His grace grows in you. The aspects of the life of Christ that you accept and cultivate in you are the aspects of His grace that are formed in your life. After receiving the Lord Jesus to be born of God, you have to devote yourself to the pursuit of becoming like Him. You ought to make this the primary ambition of your life. Begin by praying to accept His yoke of discipleship upon you (Mat 11:28-30). You will confirm His yoke upon your life by remaining attached to Him in your heart, insisting on taking your bearing and counsel from Him before every word you utter and every action you take. In other words, you must stay committed to following Him all the days of your life. Though following Jesus is a choice you will have to make at a definite point in your life, you must keep reaffirming your decision to follow Him all the time, through all the days of your life. In every given situation and circumstance, you can only follow Him if you consciously choose to deny your own self. What self prefers may vary from one situation or circumstance to another but it is always different from what Jesus desires. This is the lifelong conflict that every disciple of Jesus must keep facing and overcoming. At one time you may be faced with the conflict of your self-will that is uncomfortable with the will of Christ. At another, it may be your self-importance, self-esteem or ego that feels threatened. At yet another, the justifiable claims of your rights and privileges may be on the line; and so forth.

To learn from Christ and follow Him, we have to know Him. This demands that we spend time with Him to deliberately be with Him and listen to Him. We achieve this by the habit of a regular, diligent and prayerful study of the Word of God (the Holy Bible) and by an unbroken communion with Him in prayer. The Word of God is His principal means to reveal Jesus to us, thus enabling us to know Him, to follow Him and to become like Him. In this regard, the Holy Scripture says:
But we all, with unveiled face, beholding as in a mirror the glory of the Lord, are being transformed into the same image from glory to glory, just as by the Spirit of the Lord. 2Co 3:18 NKJV
The Holy Bible is like a spiritual 'screen' on which God flashes every aspect of the life of Jesus for our hearts to 'see' Him and know Him. Each time we read a portion of it and prayerfully meditate on it, the Holy Spirit helps us to understand some aspect of the image of Christ by painting a vivid picture of it for our hearts to see it. Its revelation dawns on us as though we were actually looking at that aspect of Christ "as in a mirror."
Your principal motive for studying the Holy Bible should always be in the quest for your own life to be changed and become more like Jesus. Therefore, each time the Spirit of God helps you to discover an aspect of Christ's life that is lacking in yours to the same degree as His, you should consider it a precious opportunity to ask the Holy Spirit to help you to also grow it in your own life. The growth itself is formed in your life as you continually yield to the leading of the Spirit to respond like Jesus when faced with similar practical situations, rather than choosing to please self or some other.
We must continue in this exercise of learning the life of Christ and putting it to practice, until we become entirely like Him in all our ways. This should be the target objective of our growth in the grace that is in Christ Jesus. As it is written:



NAME

Wang Dachung Bot

E MAIL

wangabot@gmail.com, wangabot@yahoo.com

INSTITUTION ATTENDED

University of Mkar, Mkar, Benue State

COURSE STUDIED

Mathematics

DEPARTMENT IN PRICE

Information and Communication Technology

ONLINE COURSES & CERTIFICATIONS

- ◆Python for Data Science, AI & Development (Coursera)
- ◆Mobile Software Development (Dart and Flutter)

SKILLS ACQUIRED

- ◆IoT/Arduino Skills
- ◆Data Analysis Skills
- ◆AMobile Software Development / Data Science
- ◆Leadership and Entrepreneurship, Project and Product Management,
- ◆Risk and Safety Management, Risk Assessment Tool, Critical Thinking,
- ◆Research Methodology, Reading, Studying and Writing Skills

PROJECT WORK IN PRICE



E-Commerce Mobile Application for the Purchase and Reading of Peace House Books.





I was almost thinking that I didn't have a testimony for coming to PRICE because I had an expectation of having similar experiences as all my mates who were fully on the camp—somewhere I tagged the Quarry Site. But God quickly rebuked me. If there's anyone who should have a testimony from these two years, it should be me. I quickly returned to my conviction for coming to PRICE, and it opened my eyes to see that God knew I was going to go through the toughest phase of my life yet, and the grace I needed was obtained through my time at PRICE. Lamentations 3 was a chapter I received as a conviction two years ago. In this chapter, Jeremiah describes his personal pain but also expresses hope in God's mercy and faithfulness. God knows I've lamented, and each time He came with sufficient grace for me to endure this phase. I am certain I would have given up if God hadn't led me through this path. All the love I needed, He provided through my mates. All the guidance I needed, He provided through the discipleship I received at PRICE. Even the hope for tomorrow, He gave me by showing me how to constantly die to self and totally depend on Him alone.

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NAME

Osaro Asemota



EMAIL

asemotaosaro3@gmail.com



INSTITUTION ATTENDED

University of Benin



COURSE STUDIED

Biochemistry



DEPARTMENT IN PRICE

Bioscience

ONLINE
COURSES &
CERTIFICATIONS

- ◆ Networking Essentials(CISCO), Connecting Things (IoT)(CISCO), Writing in Sciences(Stanford University), Dna Decoded (Mcmaster University), Python for Data Science, AI AND Development(IBM),
- ◆ Learning How to Learn
- ◆ Biochemical Principles of Energy Metabolism (Korea Advanced Institute of Science and Technology (Kaist)),
- ◆ Genomic Technologies(John Hopkins University), Industrial Bioprocess Development (Technical University Of Denmark(Dtu)),
- ◆ Immunology:Adaptive Immune System(Imperial College), Understanding Medical Research (Yale University), Inspiring and Motivating Individuals(University of Michigan),
- ◆ Data Science(Ibm), Natural Attenuation Of Groundwater Contaminants: (Rice University),
- ◆ Genes And The Human Condition (University Of Maryland, College Park),
- ◆ Foundation of Cyber Security(Google), Networking And Cloud Computing(Microsoft),
- ◆ Computers And Operating Systems And Security (Microsoft).

SKILLS
AQUIRED

- ◆ Leadership and Entrepreneurship, Project and Product Management,
- ◆ Risk and Safety Management, Risk Assessment Tool, Critical Thinking,
- ◆ Research Methodology, Reading, Studying and Writing Skills
- ◆ Manuscript Writing and Publication, Data Analysis.

PROJECT WORK IN PRICE



The Effect of Rice Husk and Wood Ash on The Quality and Quantity of Biogas and Biofertilizer Production

I am one, born out of due season. God's mercy located me in His vision and unstoppable move at this set time. I am a chosen vessel at this set time brought to the set place for the set purpose of bringing revival to the nations. I am included by mercy. God lead me here(PRICE) to give me the correct life that will carry him to the nations and also to correct all the omissions and damages caused to my spirit, soul and body by the old man. Now I am whole, healed and complete to carry him to the gate.

Till we all come in the unity of the faith, and of the knowledge of the Son of God, unto a perfect man, unto the measure of the stature of the fulness of Christ: That we henceforth be no more children, tossed to and fro, and carried about with every wind of doctrine, by the sleight of men, and cunning craftiness, whereby they lie in wait to deceive; But speaking the truth in love, may grow up into him in all things, which is the head, even Christ: Eph 4:13-15 KJV

In your growth in grace, God wants you to grow up into Christ in all things. He wants you to fully resemble Christ in every measure of your character and service.

After new birth, your conformity to the image and likeness of Christ begins with how you think, in your mind. Your mentality must experience a change in any aspect of your life before there can be a genuine change that is consistent with your words and deeds. You seek to share the same view point with Jesus on all life-related questions such as what to live for, who to please and what defines success in life. Otherwise, you cannot be like Him, neither can you follow Him.

The Scriptures appropriately enjoin us all as follows:

And do not be conformed to this world, but be transformed by the renewing of your mind, that you may prove what is that good and acceptable and perfect will of God. Rom 12:2 NKJV

Let this mind be in you which was also in Christ Jesus, who, being in the form of God, did not consider it robbery to be equal with God, but made Himself of no reputation, taking the form of a bondservant, and coming in the likeness of men. And being found in appearance as a man, He humbled Himself and became obedient to the point of death, even the death of the cross. Php 2:5-8 NKJV

As long as you still agree with the worldview of any aspect of life, you will find it difficult to follow Jesus in that aspect of your life. You will also be unable to overcome its worldly temptations. It is important that your mind be renewed before your transformation to become like Christ can commence in earnest.

Your mind is the 'hard disk' of your life on which your 'documents' and decision making 'programs' are stored. It is from its memory that you pick the relevant material to process your decision making.

Before Christ's life replaced self in you, you "walked according to the course of this world, according to the prince of the power of the air, the spirit who now works in the sons of disobedience" (Eph 2:2). From inception, the data bank of your mind was set according to the course of this world. The life principles stored on your mind were in conformity with the logic of worldly reasoning and carnal lusts. This was quite appropriate then because you were under the control of the prince of darkness, living in rebellion against God. Now that you have been delivered from the power of darkness and are translated into the Kingdom of the Prince of Light, the Lord Jesus (in Whom you have obtained redemption and the forgiveness of sins) the worldly programmed mind is not only inappropriate and unprofitable to you but also extremely dangerous to your new life. Every worldly mindset constitutes a powerful 'virus' that can crash your new life of faith in Christ.

Therefore, you must embark on the urgent but progressive work of prayerfully uninstalling every worldly principle that still lingers on your mind and installing that of Christ in their place. In the case of extreme corruption of your worldly mindset, you may need to 'reformat' your corrupted mind altogether.

You may need to plead with the Holy Spirit to help you to 'backup' your uncorrupted personal documents and proceed to reformat your mind. Thereafter, you can prayerfully and diligently proceed to install the principles of Christ's life to replace those that were worldly, as you continue to grow in the knowledge of Him through His Word.

The principal key that unlocks your successful cultivation of the mind of Christ is to "let this mind be in you which was also in Christ Jesus". Each time you discover a new principle or some new dimension of an already discovered principle, it is important that you deliberately choose it at the expense of all other principles by which you were operating in darkness. The word 'let' means 'allow'. The mind of Christ will not automatically become yours simply because you know it and want it. You will need to deliberately allow it to take root in your heart.

You are required to allow every setting of the mind of Christ into your heart at two levels. The first level is to pray and ask the Lord to help you to replace your old mentality with the newly discovered mentality of Christ. The second is to continue to watch and pray in order to stay vigilant so as to always apply the relevant principle of Christ's life at every opportunity. It is as you continue to apply a principle of the mind of Christ that it sinks deeper and firmer roots into your heart. Soon, it will become your normal way of thought and deed.

The objective is for the mind of Christ to become your mind. Unless you mind what Jesus minds, it is impossible for you to respond to a given situation as He would. You will rather be bothered about what does not bother Jesus and ignore what is weighty in His Own estimation. And since two cannot walk together except they be agreed, you shall thus be rendered unable to bear the life and grace of our Lord Jesus and to follow Him.

You can freely overcome this conflict and consistently follow Jesus. The Holy Bible shows us how:

For those who live according to the flesh set their minds on the things of the flesh, but those who live according to the Spirit, the things of the Spirit. For to be carnally minded is death, but to be spiritually minded is life and peace. Rom 8:5-6 NKJV

The flesh is our human nature, our natural personality. It was born to serve self and is firmly committed to its mission. Its interest is focused on providing self with all the cares and pleasures of this world. The flesh makes no room for us to please God. However, the Holy Bible warns us:

Do not love the world or the things in the world. If anyone loves the world, the love of the Father is not in him. For all that is in the world—the lust of the flesh, the lust of the eyes, and the pride of life—is not of the Father but is of the world. And the world is passing away, and the lust of it; but he who does the will of God abides forever. 1Jn 2:15-17 NKJV

On the other hand, the interest of the Spirit of God is set on leading us to follow Jesus, to become like Him, so that we can always please God.

What you set your mind on will determine your choices in life. Persuade your mind to follow Jesus in order to live a life that pleases God rather follow the flesh to serve self.

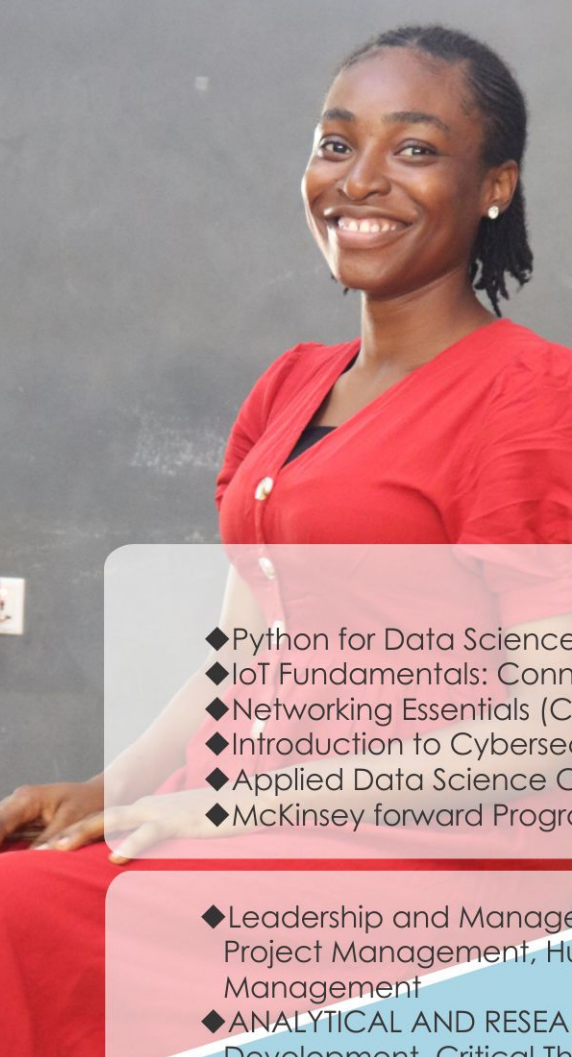
The exciting part is that, once you yield your mind to the Spirit, you will automatically escape minding the flesh, as it is written:

I say then: Walk in the Spirit, and you shall not fulfil the lust of the flesh. For the flesh lusts against the Spirit, and the Spirit against the flesh; and these are contrary to one another, so that you do not do the things that you wish. But if you are led by the Spirit, you are not under the law. Gal 5:16-18 NKJV

Therefore, yield yourself consistently to God. Resist the devil and he is bound to flee from you. As you therefore have received Christ Jesus the Lord, so walk in Him, rooted and built up in Him and established in the faith, as you have been taught, abounding in it with thanksgiving.

Live in the Spirit by staying connected to Him in your spirit at all times. And whenever His leading clicks in your heart, promptly obey it. You will thus be walking in the Spirit. Each time you are walking in the Spirit, you are following Jesus.

So shall the grace of our Lord Jesus abound upon you and grow to maturity in your life.



NAME

Chimdinma Glory Aronu

EMAIL

aronuchimdinma@gmail.com 08174379300, 09125583317

INSTITUTION ATTENDED

Benue State Polytechnic Ugbokolo

COURSE STUDIED

B.Sc in Biochemistry; M.Sc Nutritional Biochemistry

DEPARTMENT IN PRICE

Biosciences

ONLINE COURSES & CERTIFICATIONS

- ◆Python for Data Science, AI and Development (IBM) Cousera
- ◆IoT Fundamentals: Connecting Things (CISCO)
- ◆Networking Essentials (CISCO)
- ◆Introduction to Cybersecurity (CISCO Badge)
- ◆Applied Data Science Course (World Quant University)
- ◆McKinsey forward Program (On-going)

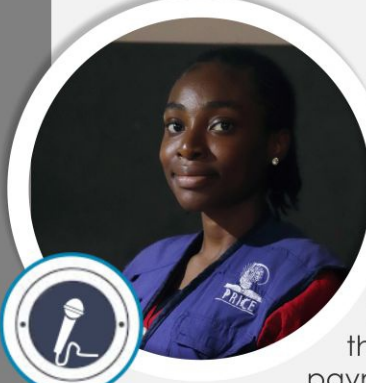
SKILLS ACQUIRED

- ◆Leadership and Management: Leadership and Entrepreneurial Skills, Project Management, Human Relations and Management, Health and Safety Management
- ◆ANALYTICAL AND RESEARCH SKILLS: Data Analysis, Research Design and Development, Critical Thinking and Problem Solving, Scientific writing
- ◆TECHNICAL SKILLS: Python programming for Data Science, IoT and Networking Fundamentals such as LAN Configuration, Wireless router setup, Network security, Cisco device networking, IoT prototyping with sensors, actuators, C++, Cybersecurity basics, Applied data science techniques
- ◆COMMUNICATION AND INTERPERSONAL SKILLS: Effective Communication (written and verbal), Team collaboration, Adaptability and Resilience

PROJECT WORK IN PRICE



The Effect of Rice Husk and Wood Ash on The Quality and Quantity of Biogas and Biofertilizer Production



My journey in PRICE has been trans-formative, showcasing how intentional and deliberate God has been in my life. He chose me for a divine assignment, calling me to be with Him and molding me into a vessel ready for His use through a comprehensive process involving my head, hand, and heart. Every event, activity, and relationship here has been instrumental in shaping who I am and forming a strong foundation for my future. I am deeply grateful to God and to the men and women who embraced this vision from its inception. I pray that the testament of my life brings them immense joy and fulfillment, beyond any payment, and that above all, God finds the greatest pleasure in my life as I strive to fulfill His purposes.

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NAME

Ifiok Andikan Ikpinyang

EMAIL

ifiok.ikpinyang@gmail.com
08123351874, 08069192784

INSTITUTION ATTENDED

University of Port Harcourt, Nigeria (First degree)
University of Benin, Nigeria (Second degree)

COURSE STUDIED

Animal & Environmental Biology, Physiology and Ecotoxicology

DEPARTMENT IN PRICE

Bioscience

ONLINE COURSES & CERTIFICATIONS

- ◆ CISCO: Networking Essentials
- ◆ CISCO: Introduction to IoT
- ◆ Python for Data Science, AI and Development
- ◆ Google Project Management
- ◆ Solar Energy Systems Overview
- ◆ Introduction to Web Development
- ◆ Introduction to R Programming for Data Science (On going)
- ◆ Programming for Everybody (Getting Started with Python) (On going)

SKILLS ACQUIRED

- ◆ Leadership Development
- ◆ Project Management
- ◆ Versatility
- ◆ People Management, Problem identification, Problem analysis, Problem solving

PROJECT WORK IN PRICE


The Effect of Rice Husk and Wood Ash on The Quality and Quantity of Biogas and Biofertilizer Production



I sincerely thank God for bringing me to PRICE. Coming to PRICE as I have come to understand now, was God leading me into His purpose for my life as captured in this scripture; "However, for this reason, I obtained mercy, that in me first, Jesus Christ might show all long-suffering, as a pattern to those who are going to believe on Him for everlasting life." (1 Timothy 1:16)

Through the various engagements in PRICE, God has trained my heart, head and hands. I am no more a procrastinator or someone that draws back or shrinks when faced with a difficult task. I have learnt not to be discouraged when faced with a difficult situation, to be a team player, and to be concerned about others. I have also learnt to give my best at any given task and not to be lazy, to prioritize, and to be time conscious. Managing my time to do assigned duties and personal work and still give room for rest and games is no longer a big deal. My once narrow heart has been enlarged to accommodate people from different background and peculiarities. I have also learnt to trust God for my needs.

Career wise, my knowledge base has broadened. With all of these, I am still a work in progress and I believe that God who has begun this good work in me will bring completion to the glory and praise of His name, Amen.



God's Weapons of War:

Breaking New Frontiers in the 21st Century

SEUN OLUFOLAJI

You have a unique calling as pioneers, changemakers, and warriors equipped for battle in both the spiritual and the physical realms. You are God's battle axe, His weapons of war, chosen to break new frontiers in a world that is evolving at an unprecedented pace.

Jer 51:20-23 "Thou art my battle axe and weapons of war: for with thee will I break in pieces the nations, and with thee will I destroy kingdoms; (21) And with thee will I break in pieces the horse and his rider; and with thee will I break in pieces the chariot and his rider; (22) With thee also will I break in pieces man and woman; and with thee will I break in pieces old and young; and with thee will I break in pieces the young man and the maid; (23) I will also break in pieces with thee the shepherd and his flock; and with thee will I break in pieces the husbandman and his yoke of oxen; and with thee will I break in pieces captains and rulers."

The miracles you've witnessed among those God has placed over you as guides and tutors were not for display, nor were they for personal gain. They were demonstrations of God's power meant to inspire and equip you for the challenges ahead. Be it the miracles of divine provision, or divine inspiration it was for a purpose. You've been shown what it means to walk on water like Peter, to defy the impossible, and to forge ahead with faith. God did this to prepare you to be His instruments, breaking into nations and kingdoms, and creating new paths where none exist.

What we've sought to instill in you was not merely knowledge, but an ability to learn, to innovate, and to confront the complex challenges of this generation. All the time in the world will not be enough to learn everything there is to learn, however, if you learn how to learn, then you can acquire any relevant knowledge for any need that may arise, you could teach yourself anything. The knowledge you've gained here is only a foundation—a stepping stone towards even greater accomplishments. More than that, you've gained access to the throne room, where true wisdom flows, allowing you to receive answers that this world has yet to see.

Your journey has been holistic, combining discipline with training across diverse fields. Whether in spiritual warfare or the technological landscapes of the 21st century, you have been equipped to thrive. You are well-rounded and prepared to conquer any domain you enter.

So remember, you cannot afford to settle for less. The world will try to make you feel small, but do not let the “chickens” you encounter convince you that you are not the “eagle” you were born to be. You were made to soar! No situation should appear impossible to you, for you have been trained with the motto “Nothing is Impossible.” You are God’s instrument, and He is always with you in this battle.

Innovators, Leaders, and Changemakers of a New Era

As you step forward into this rapidly evolving world, you find yourself at the intersection of technology, faith, and purpose. The Fourth Industrial Revolution is upon us, with AI, robotics, biotechnology, and renewable energy transforming industries in ways we’ve never seen before. You have the power, the skills, and the divine mandate to shape this transformation, not merely as participants, but as leaders who will drive innovation.

The world is crying out for solutions in critical areas: energy, transportation, agriculture, healthcare, education, and beyond. You are equipped to provide those solutions. Whether it is through cyber physical systems (CPS) and AI that revolutionizes food systems or mechatronics that makes healthcare accessible to all, your mission is clear. You have been given the tools—now it’s time to use them.

We must however emphasize something crucial: the solutions to these problems will not always come from the usual places. Yes, technology, data, and artificial intelligence will play critical roles, but equally important are creativity, compassion, and collaboration. The world is not just in need of smart people; it needs people who are driven by compassion and are seeking solutions to the problems facing the communities in which they are.

Let us also not forget that these are not just technical challenges; they are moral imperatives. The responsibility lies with you to ensure that the systems and technologies you create are not only innovative but just and ethical. You are God’s battle axe in this realm too, called to confront the abuse of technology. With the unprecedented pace of social media and artificial intelligence, there is a need to develop systems that rightfully combat the wrong usage of these discoveries.

Collaboration and Purpose: Driving Meaningful Change

The problems we face, whether spiritual or societal, are too vast to be tackled alone. Collaboration is key. Just as you stand as spiritual warriors alongside fellow believers, you must also collaborate with your brethren across disciplines to solve the world’s most pressing challenges. You must also note that none of the solutions we created came from working in isolation—they came from collaboration, multidisciplinary teamwork, and an unrelenting drive to push the boundaries of what’s possible. We encourage you to do the same. Whatever field you find yourself in—whether it’s bioengineering, robotics, IT, or any other area—work with people who share your passion, your curiosity, and your commitment to making a difference. Work together and thus allow your faith and innovation to meet at the center of solutions that benefit mankind. Even God in the creation of man said “let us make man...”.

Pursue, Overtake, and Recover All

Your journey ahead will not be easy. There will be obstacles, moments of doubt, and times when the path seems unclear. But remember, you were made for such a time as this. God is with you, and His command is clear: pursue, overtake, and recover all. The enemy may seem far ahead, but you are called to run, not walk.

The skills you’ve honed during your time here are just the foundation. The real challenge lies in applying those skills in the unpredictable, dynamic environments of the real world. You will face resistance and obstacles. There will be moments when the path forward is unclear. But it is in those moments that you will grow the most. Solving complex problems isn’t just about having the right answers—it’s about how you approach challenges, adapt when things don’t go as planned, and persevere when the solution seems far out of reach.

We must also note that there is an enemy that will contest your taking over as God’s battle axes. What the Lord has chosen you for and where He will place you isn’t a friendly environment, it’s the battlefield and the enemy has gone ahead to occupy the space and fill the land with error but amidst hostilities that may surround you is God’s firm declaration towards you.



NAME

Daniel Muiyiwa Adefisoye

E MAIL

adefisoyed@gmail.com 08101170847, 09021408330

INSTITUTION ATTENDED

University of Ibadan

COURSE STUDIED

Teacher Education and Mathematics

DEPARTMENT IN PRICE

Information and Communication Technology (ICT)

ONLINE COURSES & CERTIFICATIONS

- ◆Python Programming, Modeling, NLP, Image Recognition, Data Analysis, NumPy, SciPy
- ◆R Programming, SIR and SEIR Modeling, Model Calibration, Differential Equation Modelling, Statistical Analysis of Epidemiological Data, Interpretation of Model Output
- ◆IoT, CAD Circuit Design, Networking, Backend Programming, Arduino and Raspberry Pi Simulation.
- ◆LAN configuration, Wireless router setup, Network security, Cisco device networking
- ◆IoT prototyping with sensors, actuators, and micro-controllers; Python, C++, Cisco Pi_App, Raspberry Pi
- ◆Flutter fundamentals, UI design, Navigation, Firebase Authentication, Firestore, State Management with Flutter Provider

SKILLS ACQUIRED

- ◆MBA-structured Leadership and Entrepreneurial skills
- ◆Computer-Aided Design and Simulation (Electronics: Fritzing)
- ◆Software and Hardware Development (Mobile App Dev: Flutter, Next.js, Firebase, Supabase)
- ◆Solar Panel Design for Power Generation and Management

PROJECT WORK IN PRICE



E-commerce Christian Literature BookApp/Infrastructure: Flutter (Provider State Management), Next.js



My journey at PRICE has been transformative, aligning with the scripture that says, "Unless the Lord builds the house, the builders labor in vain" (Psalm 127:1). PRICE has corrected my foundation, providing structure and direction to my life. I arrived with an empty vessel, and now it has been abundantly filled. I am now equipped to positively impact my generation.

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Achufusi, Chinenye Emelda



EMAIL
chimelda7@gmail.com 08137992926, 09123269269



INSTITUTION ATTENDED

University of Nigeria Nsukka



COURSE STUDIED

Microbiology



DEPARTMENT IN PRICE

Information and Communication Technology

**ONLINE
COURSES &
CERTIFICATIONS**



- ◆ Introduction to Animation and Post Production (Del-York Academy)
- ◆ Script Writing (TAFTA)
- ◆ IoT Fundamentals (CISCO)
- ◆ Networking Essentials (CISCO) (Ongoing)
- ◆ Introduction to Cybersecurity (CISCO)
- ◆ Introduction to Data Analytics
- ◆ Solar Energy Basics (Ongoing)
- ◆ Python for Data Science, AI and Development
- ◆ McKinsey Forward Program (McKinsey)

**SKILLS
AQUIRED**



- ◆ Leadership and Entrepreneurship
- ◆ 2D Character Creation and Design
- ◆ 2D Character Rigging, Installation & Maintenance of Solar Farm.
- ◆ Basics of Sound Design
- ◆ Frontend Design(html, css)
- ◆ Communication Skills
- ◆ Team Work/ Research Paper Writing/ Multi-tasking
- ◆ Project Management

PROJECT WORK IN PRICE



- **ANIMATING CONTENT- 2D ANIMATION (The New Creation Story)**
- **The Effect of Rice Husk and WoodAsh on The Quality and Quantity of Biogas and Biofertilizer Production.**

Great is the Lord and greatly to be praised!

My coming to PRICE was divinely ordered. I thought I was coming for Research, Innovations and Inventions but was amazed to realize how so narrow that was in comparison to what God kept for me here. I thank God for the mercies He is showing me. I've not seen it all neither do I claim to have come to the knowledge of all He has kept in store for me but one thing I know; my heavenly Father will lead me into all that He has kept in store for me and will cause all the 'puzzle tiles' to fit.

It pleased the Lord to avail His servants here to nurture and see to it that I become what the Lord wants me to be. This amazes me and has rendered me a debtor for life. It makes me wonder why I should think of being miserly in giving myself to the Lord and His righteous cause.

As for me, Chinenye Emelda, I am not the same... Nay! I cannot be the same again. PRICE has become a Reference point for my life.

Jeremiah 1:18-19; NIV "Today I have made you a fortified city, an iron pillar and a bronze wall to stand against the whole land—against the kings of Judah, its officials, its priests and the people of the land. 19 They will fight against you but will not overcome you, for I am with you and will rescue you," declares the Lord.

There will surely be a raging from the kingdom of darkness, there will be vain imaginations from the heart of men, the Kings of the earth will set themselves together and the rulers against you as the Lord anointed, but you must never lose your ground to fear, death threat, corruption or compromise of any kind, nor turn your back against the storms. Remember that we told you, we have learnt to see challenges as an exciting part of the process. Something we look forward to and are glad to overcome. It's not a strange thing happening to you, our Lord and Commander doesn't promise a safe zone but He promised safety in an unsafe environment.

A Call to Action: Excellence in All Things

In everything you do, let excellence be your guiding principle. Strive for it in your spiritual journey and your professional endeavors. Whether you are leading a team, developing new technologies, or mentoring others, let your standard of excellence distinguish you as a true leader. Your exit from this place should never be a license to throw away all you have learned about discipline and diligence, you are just entering into the phase where you need it more than ever. The world is watching, and you are called to be the light that shines in the darkness, illuminating not only this nation but the entire globe.

Keep your eyes on the bigger picture. Technology and innovation are tools, but they are not the end goal. Always ask yourself: how does this solution serve humanity and thus fulfill God's purpose? How does it uplift others and contribute to a more just, equitable world? These questions should guide you as you walk in both spiritual power and technical brilliance.

Watch and Pray

We have made you know by example and by the training structure that where you will be standing as God's battle axe requires an essential component beyond your skills, a functional and progressive relationship with God is the key. Your experiential knowledge of God will go a long way to determine the profit you will make with God's investment in you. The scriptures make this clear by saying "but the people that do know their God shall be strong, and do exploits." Dan. 11:32b;

The divine exploits you will accomplish will be in direct proportion to your knowledge of God. This is why you need to earnestly watch and pray, ensuring that your connection with God remains intact and never disconnected

While your breaking grounds for God will come with the responsibility of labouring on the battlefield and at the gates, you must take heed to your personal communion with and consecration to God. The counsel of the Lord in the house of Mary and Martha of Bethany is that "one thing is needful" If you choose it, it will save you from endless activities that will have no weight in God's purpose. Release the grace of God that has been poured into you, and you will stand long in your experience as God's weapon of warfare. "And Jesus answered and said unto her, Martha, Martha, thou art careful and troubled about many things: But one thing is needful: and Mary hath chosen that good part, which shall not be taken away from her." Luke 10:41-42; Please watch and pray lest you lose hold of this one good thing.

Run, for the Time is Now

"I must work the works of him that sent me, while it is day: the night cometh, when no man can work." John 9:4; There is a glory of the youth and it is in their strength, this therefore is your day, this moment is your life. The night is coming when no man can work so make the most of your today while you still have it. Run, and do not look back. The Lord has spoken: it's time to take back everything that has been stolen. It's time to break down every barrier and gate that keeps Him from the lives He has paid for with His own blood.

The baton has been passed to you. Those who came before you have sown in tears, and it is now your time to reap the harvest and thus bring them joy. Run through the land, break into nations, destroy what the enemy has planted, and bring the light of God into every sphere of life. The time is now. The world is waiting for your contribution, and I do not doubt that it will be great.

Go forth, pursue, overtake, and recover all. The future is yours to shape, and you were made for such a time as this. SELAH!

IT IS TIME TO SEEK THE LORD....

Hos 10¹²

GBOLAGADE OLUSEGUN

Sow to yourselves in righteousness, reap in mercy, break up your fallow ground; for it is time to seek the LORD, till he come and rain righteousness upon you.. Hos 10¹²

Each time God is set to move in a generation to perpetuate His plan and make His counsel to come to pass; He will awake the heart of men to turn to Him. At every point the Lord wants to visit His people, He will raise His prophet and servant to prepare the lives of men for the coming wonders, revival and outpouring of His rain. Likewise, I perceived that we are at the brink of the great outburst which the Lord has promised the fathers and elders, and has also brought us into by His mercy. The Lord who has made room for us in the land and has brought us under an open heaven has deliberately included us. This is quite amazing that the covenant keeping God is set to set us ablaze for the global revival and perform His word of prophecy in our day.

For us to step into all these, we must seek the Lord while he may be found and while He is near (Isa 55:6). we must seek Him diligently, earnestly and consistently. We must seek Him only. This is not the time to seek Gilgal, Bethel or any location of past experiences. It is the Lord we must seek in order to live to see the wonders ahead of us. For thus saith the Lord, unto the house of Israel, seek ye me and ye shall live. But seek not Bethel. Nor enter into Gilgal and pass not to Beersheba; for Gilgal shall surely go into captivity; and Beersheba come to nought (Amos 5:4,5) with this great warning and caution, we must prepare to seek the Lord at this moment.

SOW TO YOURSELVES IN RIGHTEOUSNESS... REAP IN MERCY

This is an important condition to fulfil in order to qualify to seek the Lord. Righteousness must be our pursuit and we must sow for ourselves according to the righteousness, uprightness and right standing with God.

We are in a generation where righteousness is becoming obsolete and old school. Where evil doing, malpractice, fraud, corruption, falsehood, hypocrisy, disobedience and deception are becoming acceptable. Even the Church of God has become contaminated and affected by this syndrome.

But Nevertheless the foundation of God stands sure having this seal the Lord knows them that are His.... 2Tim 2¹⁹.

We must pursue righteousness as a lifestyle in order for us to access the presence of the Lord to seek him at



NAME	Abah John Marcillinus
EMAIL	broabahmarcillinus@gmail.com
INSTITUTION ATTENDED	Benue State Polytechnic Ugbokolo
COURSE STUDIED	Electrical/Electronic Engineering (Power & Machine Option)
DEPARTMENT IN PRICE	Mechatronics Engineering

ONLINE COURSES & CERTIFICATIONS

- ◆ Inter-personal communication for engineering leader (Coursera)
- ◆ CISCO Networking essentials.
- ◆ CISCO IOT.
- ◆ Python for data science. (Coursera)
- ◆ Arduino UNO workshop 2018, a step by step how to guide. (udemy)
- ◆ Arduino UNO Bootcamp for Beginner complete course (Udemy)
- ◆ Autodesk Revit mass modeling from zero to complex shapes (Udemy) ongoing



- ◆ Leadership and Entrepreneurship
- ◆ Prompt Engineering
- ◆ Arduino Microcontroller Developer, Embedded system (Automation & Intelligent system).
- ◆ Design, Fabrication, Installation & Maintenance of Solar Farm.
- ◆ Knowledge of coding ("C" "C++" & PYTHON)
- ◆ Electronics Troubleshooting, Soldering and Reworking
- ◆ Metal work fabrication (welding, Cutting, Grinding & Drilling).

SKILLS ACQUIRED



PROJECT WORK IN PRICE SMART POWER MANAGEMENT SYSTEM (FOR REAL-TIME MONITORING & CONTROL)



Words will fail me to express what the LORD has done for me in PRICE, thank you Jesus! I am grateful to God for discipleship, my discipler, his wife and Peace House leadership who gave me this scholarship by God's mercy not merit.

One critical statement spoken to me in PRICE was "**Don't come to PRICE to look for what is in your backyard**". This was my drive that make me to discover that only "**one thing**" is important in life, (Psalm 27:4, Luke 10:41-42) and this one thing is Christ and Him crucified -the new creation man. This is the purpose of my living, the goal am pursuing, am living for him and daily dying to self. Moreover, I used to be a lone ranger before coming to PRICE; but now, I am happy to be a member of a big family, that is PRICE.

Besides, prior to my coming to PRICE, I was lagging behind in my academics; but today am happy that God has made me a seasoned technologist; strong in problem-solving, effective communication (data driving), team work, adaptability & willingness to continuously learn.

Finally, I am grateful to God and to Peace House Leadership, the management of PRICE, all the resource persons and my fellow interns through whom God worked to shape and sharpen my life on the course of these two years. I am indebted, even as I believe that by the grace of God, this investment in my life will not be in vain.



this crucial time of our lives.

The word of God is sure and factual as the psalmist ask the Lord a great question concerning access to His presence to seek Him , "Lord; who shall abide in thy tabernacle, who shall dwell in thy holy hill?"

The Lord Almighty God answered, "He that walketh uprightly and worketh righteousness and speaketh the truth in his heart" (PS 15¹⁻²).

To seek the Lord we must make up our mind to pursue righteousness. We must do the right thing at the right time. Have a right standing with or before God; Have no unconfessed sin in our heart nor compromising with the truth the Lord has entrusted into our hands. We must be a man of faith like Abraham who believed God and was counted to him as righteousness (Gen 15¹⁶)

We must cry like David, to the Lord, "Lead me O Lord, in thy righteousness Ps 5⁸; Love for righteousness and hatred for iniquity must capture our hearts (Heb)

Righteousness must be preached in the congregation of the people of God and we must not refrained our lips from righteousness Ps 40⁹

Our Mouth, speech, word, and utterance must show forth the righteousness of God (Ps 21¹⁵) No falsehood, falsification of documents, nor fraud of any kind must be found in us. If we will be qualified to seek the Lord for the coming rain and revival upon the earth.

Beloved, this is the time to examine ourselves, if any dust of unrighteousness has clung to our heart.

Are there riches, wealth, position , properties or certificates acquired in an unjust manner? This is the time to repent and restitute for "Riches profited not in the day of wrath, but righteousness delivers from death " Prov 11:4,6 and " Better is a little with righteousness, than great revenue without right" Prov 16:8.

" He that follows after righteousness and mercy funds life, righteousness and honour "

It is after we have sown in righteousness that we can reap according to mercy and loving kindness of God.

It is a man that has obtained mercy that can seek the Lord acceptably.

Righteousness and mercy of God are ingredients to posses in order to seek the Lord at the right time.

BREAK UP YOUR FALLOW GROUND

To seek the Lord at the right time, The uncultivated, untitled and unplowed ground of our hearts must be plowed and broken. Every hardness of heart,unbelief, doubt, double mind, stubbornness, self will and the activities of the human nature that harden the heart of men and make it unyielding must be dealt with. All malice, envy, evil speaking, guile, and the rest must be laid aside (1 Pet 2:1). In order to have a desire for the sincere milk of the word of God 1 Pet 2:1,2

For the Lord to turn unto us as we seek Him in this moment we must be a man that is poor and of a contrite spirit and tremble at His Word Isa 66:2

A man who is humble and of a broken or wounded spirit, who trembles at His word and reveres His command Isa 66:2.

This is the time to present our hearts to the Lord. Every wayside heart as well as the stony and thorny heart must be presented to the Lord for His visitation in order for the livingseed to find a good heart to grow in its thirty, sixty and hundred fold.

Beloved how is your heart, rigid, stubborn, self willed, trickish, deceptive, harden or full of unbelieve, lust , immorality and love for the world?

This is the time to turn to the Lord for help, for it is time to seek the Lord.

Failure to yield to the Lord and this clarion call at this moment may make the heaven and the church to push us aside and seek for hope elsewhere.

" And it came to pass, when Samuel was old, that he made his sons judges over Israel. Now the name of his first born was Joel and the name of his second, Abiah, they were judges in Beersheba and his sons walked not in his ways, but turned aside after lucre and took bribes and perverted judgment .

Then all the elders of Israel gathered themselves together; and came to Samuel unto Ramah, and said unto him, behold thou art old, and thy sons walk not in thy ways, now make us a king, to judge us like all the

nations” (1 Sam 8:1-5).

This is a fearful terrifying situation for an elder and leader that has labour for revival but his son walked not in his way.

If we will not jeopardize and waste the labour of our elders and leaders who are already passing the baton to us; we must break up our uncultivated heart to deal with love for gains, or what we should get for ourselves or dishonesty gains of any kind.

Every bribe to pervert justice must be opened up, confessed and restituted.

My Meditation and Prayer

Lord, help me walk in the ways of the fathers; to walk with God and build altars as the fathers did; To walk in the way of obedience, righteousness, holiness, purity of life, living by faith, raising disciples, giving myself to prayer and the Word of God as the fathers did and labour with the faithful spirit

Lord, give me the grace not to turn aside after lucre, personal interest or gain. Love of money or tendency to possess, abuse or extort the brethren must not be found in me.

Let love for what I can get for myself die in me completely. Raising disciples must be for the Lord and not for myself. Quench every hunger and thirst for dishonest gain. Help me to labour for you and your purpose, deliver me from actions that will make the world and the church to seek for a king instead of the King of kings. In Jesus Name.

Time to Seek The Lord

Seeking the Lord is time bound. There is a time that God is near and a time that He can be found. The Lord declare: I love them that love me, they that seek me early shall find me. Proverbs 8:17.

It must be registered in our heart that God reveals Himself to those who seek Him early and diligently in the morning of each day in the quiet time and personal time alone with God and early in the morning of our lives, now that we are young. This is the time to seek the Lord by reading, studying, hearing, meditating and preaching His Word by life. A time to give ourselves to prayer, seeking His counsel, enquiring of Him and from Him. This is the time to seek the Lord by seeking His face Ps 27:8; His strength 1 Chron 16:11, Ps 105:4; His Word Is 34:16; His commandment for our life 1 Chro 28:8, Mal 2:7; His kingdom and His righteousness Mat 6:33. This is the time to Set our affection and seek those things above Col 3:1-2 and seek His presence more than ever before. Ps 27:4

When We Seek The Lord

The covenant keeping God will never abandon those who seek Him diligently, earnestly and wholeheartedly. He is a rewarder of those who diligently seek Him. We must seek the Lord consistently until He come and rain righteousness upon you.

When we seek the Lord, we will experience the visitation of God, He give us both the latter and the former rain.

The Lord has promised that He will not allow the house of Israel to seek Him in vain Is 45:19

When we seek the Lord, our testimony will end with praise (Ps 22:26), we will experience the joy of the Lord and receive His blessing (Ps 119:2)

Beloved graduands, all the investment of God upon your life for the past two years is to prepare you for the great outburst you are stepping into in the market place. You must not set aside all the principles, precept and pattern that have been shown to you on this mount.

You must arise from here sanctified; for the Lord will do wonders in your life in the days ahead.

All the labour of our elders, leaders and resource persons will produce the desired result in your life.

As you leave the centre for greater exploit and step into the purpose the Lord has purposed for your life, you must know that this is the time to seek the Lord.

MEET PRICE

SETTWO

We are **Kings, born at a good time, and the Lord is with us.**

Our **God is powerful**, and **His counsel** for our lives will stand.

God has honored us with the crown of glory, and **He dwells among us.**

God has brought us together in Christ, with hope that **this army will advance as one man.**

A united front, showcasing Christ alone.

We pray that each day, **our wealth which is in the cross will increase by one**, as we die daily.

Who is this our God, who has **birthed us in Royalty?**

He is our support.

The **wealth we have in Him is the source of our Joy.**

God has indeed brought us Joy. Really, **He is worthy of our praise.**

Let's thank Him who has **drawn us out of the water**, and buried the Egyptians behind us.

Thus has **the Lord vindicated us**, and He shall set us in High places.

NOT FOR PRICE, NOR REWARD.



THE AFRICAN BLACK BERRY FRUIT



And God said, “See, I have given you every herb that yields seed which is on the face of all the earth, and every tree whose fruit yields seed; to you it shall be for food. GEN 1:29 NKJV

The African black berry fruit(Dinya in ‘hausa’) is one of such fruit that comes with so much packed nutrient .This unique fruit grows on trees across Africa, boasting a tart and tangy flavor with a chocolate after taste. It is encased in a velvety black pod, hiding a juicy pulp with seed in them. While not as widely known, the African Black Berry is a hidden gem, enjoyed by locals and has potential as a superfruit due to its vitamin and antioxidant content.

The following are the health benefit of eating the african black berry fruit.

- n High in Vitamin C: Studies suggest the African Black Berry is a good source of vitamin C, which is essential for immune function, collagen production, and wound healing.
- n Antioxidant : the presence of antioxidants in the fruit helps to combat free radicals in the body, potentially reducing the risk of chronic diseases.
- n Support digestive system: The high fiber content in the fruit could potentially aid digestion and gut health, thereby supporting bowel movement.
- n Blood Sugar Regulation: help regulate blood sugar levels. This could be helpful for people with diabetes or pre diabetes.
- n Immune System Support: The potential vitamin C content and antioxidant properties could contribute to a stronger immune system,
- n Weight Management: The high fiber content in the fruit could potentially promote feelings of fullness and support weight management efforts.

In conclusion i employ you to try it out, also eat varieties of fruit and vegetables that are available in their seasons. They pack a vitamin punch at peak ripeness, supporting your health. Plus, you save money and enjoy the delicious bounty nature offers throughout the year. Thank you and God bless you.



The world is really a great place to be; But see I am TIED, restricted and not free to explore as I would love to. Just as the colt tied here, this is the outcry and frustration of several young people that have been confronted with the demand of discipleship. Why can't I be like my contemporaries? What is wrong with worldly music, fashion, friends and movies? It sounds more exciting than christian music. What is wrong with dressing in spaghetti and bikinis and any other outfit I am just comfortable with? At least the models wear that! What! What!! What!!! Why! Why!! Why!!! Endless questions.

My beloved young ones, it is a privilege to be tied by the Master. The Master is not a wicked slavemaster who just loves to deny people of their rights and make life difficult for them. (Lam. 3: 33, 36). When He says be tied, it is for a purpose. It is to prevent you from several evils that your free ranging will expose you to. Such exposures will prevent you from being able to carry the King in the Day of Glory. I want you to know that only the Lord's bondmen have their backs free with no man or nothing sitting on them to control or ride their lives. Just like this tied ass had no man that sat on it. Your free ranging friends, relatives, contemporaries and the shiny public figures or so called "celebrities", on the mass or social media, who have refused to be tied by the Lord are not actually free but in reality they are tied down by several other things and many things are on top of them, riding them. If you move closer to hear the story of many or dig into their secret lives, you will see tales of woes of being tied to and ridden by addiction to drugs, sex, fame, pornography, cultism, food, debts, covetousness, lack of contentment, blackmail, etc. (1 John. 2:15-17 Msg). They look attractive outside but they are whited sepulchre who are full of dead men's bones inside (Matt. 23: 27). This is why the word 'celebrity' is in quotation marks because a man who is not living a worthy and exemplary principled life is not worthy of being celebrated but rather to be pitied above all men.

What does it mean to be TIED by the Lord? It is to be like this colt who was tied at the place where two roads meet and no man has ridden on it. It is to allow the Lord to dictate my life for me. It is to come under the authority of His word, it is to come under His supervision and guidance. It is to be wholly devoted to Him and committed to God's cause. The tied ass does not determine his food and diet again. The Master decides his taste and appetite, his freedom is limited to the extent of space allowed by the rope on his neck. He is contented within the circle and the sphere the Master has carved out for him. He is not looking for anything that the Master is not ready to offer him. It is willingly and joyfully abiding by the Master. It is at the Master's disposal. It is tied where two roads meet. Where does the the two roads meet? AT THE CROSS. The cross is where the horizontal cross the vertical. The tied life has chosen the CROSS above the

WORLD as his life, content and pursuit. It is Christ and Christ alone. He does not look at things from the context of is it good or bad?, but is it Christ? What about this music? This dressing? This movie? This business? This desire? This friendships, relationship or courtship? It is not about is it good, accepted, hailed or in vogue ? But is it CHRIST? Christ is his life. (Col. 3: 1-4 Msg, Gal. 6: 14, 17). This is what frees him from being ridden by anyone else. This being tied by the Lord is not a forceful one, but God is looking for willing volunteers, those who are constrained by His love alone to live for Him (Ps. 110: 3, 2 Cor. 5:14, 15). I can illustrate this by the story of the Hebrew slave in Exodus 21: 1-6. He was free to go out in the seventh year being the Sabbath year as a free man to go and live his life on his own. But he vowed himself freely and willingly to his master out of love " I LOVE MY MASTER", "I WILL NOT GO OUT FREE" Not out of compulsion but willingly he became the bondservant of his Master for life, his ears are bored to show his identity that he belongs only to his Master and it is only His voice he will hear and His interest he will seek. How the Lord longs for young people in their youths who will be voluntarily sold out to Him and His cause.

If you will do this, you will not be the first, many young people have done so before you. Phillips daughters were living with their evangelist father in Caesarea. A city that is a military headquarter where there is so much temptation of money, friendship, sense of importance, sex, for the young girls from the Roman soldiers but they kept themselves pure, they chose to be tied. They were virgins and they prophesied (Acts. 21: 8-9). What a boost to the work of God in their father's hands!! Ruth, Daniel, Joseph, Timothy are examples of young people who voluntarily chose to be tied when there were no prying eyes to monitor them. They loved Him and chose God as their highest Treasure. Dinah loosed her rope and she paid dearly for it. King Solomon jumped over the fence and several things began to ride him including strange women and their gods.

Beloved of God what is your stake on this? You have to decide who sits on you and rides your life now that you are young because you cannot have two masters (Matt. 6: 22-24). The Lord is still advertising the yoke to you today. It is in bending your neck to His yoke that you will truly find true rest for your souls (Matt. 11: 29). The Lord has come to you early in life. Come to the Master now and yield your all to Him. He is committed to make something great out of your life and ride you in His day of Glory. I am praying that you will be in the company of the overcomers. If God's intention of making you His Battle-axe and Weapon of war will be realized then allow Him to tie you and sit on you so that you can represent Him well. He will not commit Himself to free rangers. The Lord is committed to you but He needs your commitment as well. Be tied for the Master, for He is set to ride on your back to high places and palaces.

Jer.51.20 - Thou art my battle axe and weapons of war: for with thee will I break in pieces the nations, and with thee will I destroy kingdoms;

1 Peter: 2:5 "Ye also, as LIVELY STONES, are built a spiritual house , an holy priesthood, to offer up spiritual sacrifices, acceptable to God by Jesus Christ. (KJV).

Present yourselves as building stones for the construction of a sanctuary vibrant with life, in which you will serve as holy priests offering Christ approved lives up to God.

Song:

*Ride on my back, ride on my back
Jesus Christ You are my Lord
I am Your colt, I am TIED to Your will,
I am Yours, ride on my back.*

EACH DAY HAS ITS DOSE (A POEM)

Are you trusting God to cure you of some ailments?

Possibly pride, anger, envy or even covetousness?

I tell you what, God is the Good Physician,
He knows the exact cure for every ailment,
And each day will come with its proper dose.

A certain day, an insulting younger brother came by,

So disrespectful he was and you wondered 'how come?'

Oh dear one! Do not forget,

The Physician sent a daily dose through him,

Do well to take your medication to get cured of pride.

Another day, a stubborn child you encountered,

His 'unyieldingness' tempted you to burst in anger,

How could you not have known?!

The doses are not in capsules, but humans and circumstances.

Do well to take your medication to get cured of anger.

In your bid to get at something, you journeyed round.

So stressful was your journey and some ill-fellows you met.

Little did you know, oh you soon forgot!

That the Great Physician makes no mistakes in prescription.

Do well to take your medication to get cured of being irritated.

"Why are unpleasant events taking place in my life?

Why all these stress, insults, trampling and annoyances?"

You wondered aloud...but wait a moment!

God's surgical blade, though sharp and piercing, works wonders!

Trust His ways, the Great Physician will heal you!

Achufusi, C.E.

The Hand I Cannot Explain

While in gloomy world,
Where ignorant, confusion and fear dominate
When I was still in darkness; my eyes and heart veiled,
When the pathway to life and purpose yet to be found,
Oh, great and blessed be His hand on His Cyrus.
Far and unknown in the nooks I was,
You stretched forth your hands to the mortal man
To the Faithful and Merciful; great be His faithfulness.

Mercifully, he located the scattered heart and brought it forth for His brooding.
While he seems to be alone and far from noisy world;
My heart He will not let go;
His piercing words to the longing soul He will not withdraw.
His everlasting arms are ever spread to the weary souls,
Invisible, mysterious and righteous is the hand on His Cyrus,
This I cannot explain; rather blessed be His name.

How can a new man truly live if not by the new heart He has given to him?
Insist my heart on the course You have chosen and renew my mind in line to that which you have ordained.
While storms may arise on the way to possess the land; make my feet firm and in motion.
For in no time storms shall be stilled and noise fades away.
Whether the rage may be against my soul or His course;
Your grace I must not forfeit.
For His commitments He will not withhold

Burning and flaming shall be the tails of the foxes He has ignited.
Wide and fiery shall be His fire in the camp of His enemies.
Swift and flinty shall be the foxes that carry it.
While the kingdoms and their rulers may seem to be advancing;
His army must not relent till Christ and His banner cover the land.

Though clayey and gentile you may be in the manner of Cyrus,
No matter how thick your veil or dark your heart may be,
Wide and open is His hand towards you,
Don't be ignorant of His finished work,
Blessed be His gracious and merciful hand towards you;
This I say, humbly receive.

Above all, dear brothers and sisters;
Never think He has forgotten you,
No matter how far you may be in the nooks; surely His Cyrus He will not let go until he fulfills His purpose. Storm will always come, enemy must rage;
But remain in Him and the assurance of His promises must be your anchor.

Johnson Adedayo SOBALAJE
Set 2; Mechatronics

CONSOLE.LOG STRATEGY

As a software developer, I faced a significant challenge during my final year project at PRICE. Working on a Next.js project, I encountered frustrating errors that seemed impossible to trace. Days of reviewing code and consulting colleagues yielded no results until I discovered the console.log strategy.

For those unfamiliar, the "console.log" function is a commonly used tool in programming. By inserting console.log statements throughout my code, I could examine the output and pinpoint where issues were occurring. This debugging technique allowed me to identify the error that my eyes had originally missed.

By implementing this "CONSOLE.LOG STRATEGY," I was able to resolve an issue that had stumped me for days. This experience taught me a valuable lesson extending beyond coding. Our lives, like code, are expected to produce results. Our prayers should be answered, and our relationship with God should transform us. However, when expected outcomes don't materialize, we fall short of God's expectations.

The world eagerly awaits our manifestation (Romans 8:19), so why not apply the console.log strategy to our lives? Allow God's Word to guide you in examining each aspect of your life that may be producing "errors." This may be hidden from you and others, but it cannot be hidden from His mirror.

When you have unresolved issues before God, your life cannot produce the expected results He has ordained. Are you content with unfruitfulness? Why continue your journey carrying an error that hinders your progress?

Can you humble yourself and say, "Lord, search through me; if there is any error, please reveal it" (Psalm 139:23-24)? The error might be minor yet impactful. Like my coding experience, you might not see it yourself, but you know something's amiss when results are lacking.

The console.log strategy of God's Word has the power to expose errors and guide you to address them through repentance if only you submit to it. As 2 Chronicles 7:14 (NKJV) states, "If My people who are called by My name will humble themselves, and pray and seek My face, and turn from their wicked ways, then I will hear from heaven, and will forgive their sin and heal their land."

God's Word serves as an effective console.log strategy, revealing our errors so we can repent. Hebrews 4:12 reminds us that it is "living and powerful, and sharper than any two-edged sword." Console.log your life through His word daily, and let it guide you to a more fruitful path.

Your Brother,
Daniel Muiyiwa Adefisoye,
IT Department,
(PRICE SET 2)

The PRICE that I See

EZET. FRANKSON

"Arise, shine; for thy light is come, and the glory of the LORD is risen upon thee. For, behold, the darkness shall cover the earth, and gross darkness the people: but the LORD shall arise upon thee, and his glory shall be seen upon thee. And the Gentiles shall come to thy light, and kings to the brightness of thy rising. (Isa 60:1-3).

The above scripture is one of the many sure words of prophecies which have continued to resonate in our hearts concerning what God is declaring and doing in this day of His power. As I look at PRICE, I cannot but conclude that this is more than just a research and innovation centre. I am strongly persuaded that it is one of God's strategies for the fulfillment of the above declaration.

There is something in the heart of God for the nations for which He has called PRICE into existence. There is something for the kings (leaders) of nations for which God had decided to set up PRICE. It appears to me as if God was seeking for a scheme with which to receive and transport His scientific and technological answers to the desperate needs of the nations at this time and when he could not find one (because of the thick, and seemingly overwhelming darkness that has overtaken everywhere), he decided to initiate PRICE. What I seek to share in this piece is the picture of PRICE that I perceive is in the heart of God; the PRICE with which God will establish His will in the world of science and technology.

As I look at where we are today, I realized that several portions of that scripture had already been fulfilled. Has darkness covered the earth? Yes, it has. Has darkness advanced to an overwhelming proportion? Obviously yes. Has God, on His own part, risen to come upon us and to reveal His glory over us? Yes! He has! This season of open heaven is a declaration of God's rising to show forth His glory upon us and in the midst of the nations. However, we are yet to see the nations running to come to us. Are the kings of the earth seeking for us? Are the scientific and technological world looking towards our direction? Are the industries beginning to queue after themselves to receive help from us? We see not these things yet. But, is it incredible for these things to happen? Certainly not! How do I know? It has happened before and I am persuaded that it shall come to pass again. God has demonstrated what He is seeking to accomplish with PRICE in time past.

"And when the queen of Sheba heard of the fame of Solomon, she came to prove Solomon with hard questions at Jerusalem... And Solomon told her all her questions: and there was nothing hid from Solomon which he told her not. And when the queen of Sheba had seen the wisdom of Solomon, and the house that he had built, And the meat of his table, and the sitting of his servants, and the attendance of his ministers, and their apparel; his cupbearers also, and their apparel; and his ascent by which he went up into the house of the LORD; there was no more spirit in her. And she said to the king, It was a true report which I heard in mine own land of thine acts, and of thy wisdom: Howbeit I believed not their words, until I came, and mine eyes had seen it: and, behold, the one half of the greatness of thy wisdom was not told me: for thou exceedest the fame that I heard. (2 Chron 9:1-6)

This is the picture of PRICE I see: a PRICE that will serve as the seat of God's wisdom and intellectual properties for the nations; a PRICE that will answer to the many questions (needs) begging for answers(solutions) across the globe; a PRICE that will create the much needed enabling (spiritual and physical) environment for young lives to come and sit down, to collect the Light-life together with the wisdom of God for the scientific and technological spaces where He would have them stand to exercise influence for Him in the nations; a PRICE that will set the agenda for the scientific and technological community locked up in the body of Christ; a PRICE that will redefine research and innovation for the world; a PRICE that will dictate the direction of the science and tech world in the coming years if the Lord tarries; a PRICE that will actually become a pattern (model) for research and innovation institutes across the globe; a PRICE that will not be anything less than what is in the heart of God for the nations.

Can these things happen? Can it be so with us? Why not? It happened with Solomon, a man of like passion, yet, a greater than Solomon is here: Christ in us, the hope of glory. Christ in us remains the hope of all these things. He is the same yesterday, today and forever. Now, how can these things be? How will what God is speaking about translate to a reality? "...the LORD shall arise upon thee, and his glory shall be seen upon thee..." This is the premise. All these and even much more shall come to pass, only as we seek the Lord and as we allow Him to rise upon our lives with His glory appearing over us as individuals and as stakeholders in pursuit of this vision.

Nations will come, but not when they see nothing in us yet. The princes and the queens of the present world would come, but only as they see the brightness of the glory of God emanating from PRICE. May the nations of the earth not come to us and see less than the above. May the kings of the nations not come to PRICE and not receive answers to all their questions. May PRICE not fall short of the expectations of God. Amen!



Go and Pay YOUR DEBT

T O P E A D E N I Y I

A certain woman of the wife of a prophet was in debt in 2 Kings 4 and was troubled about how her children would not be taken as prisoners. Her condition worsened because she had nothing to pay the debt. It looked like the only collateral for the debt was her sons, which meant her life. If you take her sons, you have taken her life. She went to Elisha the man of God which was the right thing to do; thank God she didn't go to borrow from another person to pay the former creditor to become a serial debtor. She went to enquire of the LORD. The answer of the man of God was amazing: what do you have in your house?

As PRICE graduates, please be reminded that there are lots of debts to be paid in this world. The indebtedness represents the various problems in humanity that we are raised to resolve. We are God's planned solutions to heal the aching world. The aches in the world seem to be growing – sinful pleasures, poverty, hatred, oppression of iniquities, indecency, corruption, and all forms of ungodliness in the street and sacred places, and sometimes it may look impossible to redeem. The level of the debt can be intimidating and scary when we remember one prophet has died without paying the debt, and one may be afraid and quietly give up – this will be considered as committing suicide.

Thank God, the answer was actually not far from the woman. Maybe if the late prophet had also been helped to see and own the jar of Oil, he might have not died a debtor. The response of the woman taught a few lessons as we go:

One, we must always run to God by prayer in the face of challenges, no matter how little or massive. No other means can help us other than Jesus the LORD. You have learnt in PRICE to always depend on God, and you

Unlike other learning institutions, we didn't just gain 'paper- knowledge' in PRICE, we learnt skills. PRICE is hands-on. As a matter of fact We learnt to do things we could not before. We learnt and cooked new foods, some, we discovered. We lived the missionary life; to abound and to abase. We have learnt to look up to God and to trust Him for every of our need. We learnt to lead a balanced life, we saw that practically from the lives of our Resource persons. We are no longer the same persons we used to be.

Our diligence was tested in the kitchen. This New Life we carry was tested on the football field. We 'rubbed on' ourselves. Our edges and spikes clashed against themselves. All these brought us to points of learning again what Jesus would do. Lessons came on the field, in the hostel, even in the bathrooms! As we interacted with ourselves, there was always something to learn. The Lord bonded us together.

These two years, we enjoyed God's protection and provision of 100% scholarship: free tuition, accommodation, feeding, learning resources, WiFi, power, water etc. We freely received everything in God's mercy.

We have harvested where we cast not labour. We have no option than to do likewise. We have become debtors.

Narrow were we; we were so limited in life and thinking. But we came and saw the largeness and the unlimitedness in Christ, here in this bush. Our capacities were built. Time will fail to say of all the threshing that went on in our lives in this quarry site. The labour over our lives here was day and night (even midnights some of the times). We are no longer the same.

To all our Resource Persons who sat over us and brooded us as a hen brooded over her chicks, you saw us with our sharp, rough edges. You knew our high points and our low moments. You perceived from afar the counsel of God over our lives and held on to it. You kept travelling, doing all you could to birth the PRICE vision in us. You broke down kingdom principles into bits that we can chew and now we have come to the point of owning this vision for ourselves. Your lives were open for us to access. You shared with us your successes and didn't also hide from us areas you got it wrong. You embraced us and drew us to yourselves. We are debtors. May you all see the travail of your souls and rejoice.

May the Lord reward you all.

Our deep appreciation goes to our parent institution, Calvary Arrows College, for embracing us and allowing us access to human and material resources. May the Lord keep enlarging your coasts. And to the entire Bethany Resort Community for your encouragement, payers and resources. The fellowship we have enjoyed here, is second to none. May the Lord bless you all richly. To the Bethany Medical Centre, we are really grateful for taking us in and believing in us. You gave us access to your facilities and equipment. May the Lord reward you all. And to all those who silently laboured behind the scene, on their knees and with their resources crying out for God's counsel to stand over our lives, may the Lord reward your silent labours..

Now we take a bow not off the stage but from this Cave of Adullam to the professional space where we shall carry this New Creation life. By the mercies of God we fear not. We have no fear of being sent anywhere for we have learnt the Principle of the Vacuum Flask. We shall keep heat within and still be part of our environment.

We have no fear by the mercies of God of keeping our fire for we have learnt the Law of the Burnt Offering in Leviticus 6, we shall remove the ash of previous success and put in the wood of God's Word morning by morning.

By the mercies of God, we shall not be lost in the crowd for we are that army of locust that devours whatever that is before it. The sufficiency is not of us but of Christ. The Lord has declared concerning us that we are the answer to the cry of many generations. We are His battle axes. The labour of our fathers shall not be in vain. By God's mercy, we shall be true to this cause. It is our earnest prayer to be and to remain all that PRICE stands for.

Thank you and God bless you.

The Graduating Set 2024.

(Nine males, four females)

Valedictory Speech



On the 18th of September 2022, the thirteen of us reported here for a journey that would span two full years. Nine males and four females. The stories and the testimonies of our coming were unique and peculiar to each person; unique prospects, unique personal ambitions and more so, God's bait for drawing each of us was unique. We were set for an adventure not knowing what it would bring but this precious adventure has become a strong reference point for each of our lives.

The very day we came, God started to confront us with the issue of the Daniels. He is recruiting and our required surrender unto Him for that purpose. The very next day during the morning devotion, He posed a question before us: What seek ye? We all had what we were seeking but then, from that very day, He began to spell out before us that He is the only One we must seek; every other thing is secondary. How were we to know? For some of us, it was about pursuing research and inventions. But how were we to pursue those without the pursuit of the Researcher and the Inventor Himself?

To set the perspective for our journey, on the day of our Matriculation being the 28th of September 2022, the Word of the Lord came to us from Jeremiah 51 : "Thou art my battle axe and weapons of war: for with thee will I break in pieces the nations, and with thee will I destroy kingdoms; And With thee will I break in pieces the horse and his rider; With thee..." With who exactly? With men and women uncut, unqualified, with individual struggles, having sharp edges and 'rough backs'? How could that be? We knew not. But it pleased the Lord to say to us: You are my battle axes. The Lord charged us to seek to gain the exposure of Him, first and foremost. And to keep focus, faith and fire.

The Training here in PRICE has been likened to the training of the U.S Navy Seals. At the end of two years. Each of us is expected to survive ANYWHERE God places us. PRICE is a training of the heart, the head and the hands. Spiritually, we were nurtured. We say again, we were nurtured. We were exposed to the Word of God...Nay! We were bombarded with the Word of God! How were we to be rid of mindsets and ideologies that have kept us bound for years? How were we to launch into the great plans God has for us? Nothing less than a bombardment will suffice. We had Morning Devotions, weekly Floor Groups, Bible Studies, Book Reviews, JEGRUN meetings, Discipleship classes, Seminars, Variety Nights. Even our Variety Night was another point to gain exposure to Church History, the lives of men and women who have run this race and whose life story has left a mark in history. We had the opportunity of relating closely with our onsite resource persons too. We have learnt the life of faith and also the blessedness of possessing nothing but God. We were really nurtured.

Mentally and physically we were stretched. Hardwork is key in PRICE. Such statements like "Tiredness is of the mind", "Keep pushing" are statements we will not forget. And really, we have come to learn and see for ourselves that there's nothing we are set to do that we can't achieve, it's all of the mind. Our lives are a proof of that. We had the privilege of being assigned roles and taking responsibilities for roles that we were not used to, not in this capacity. And again, our lives are proofs that hard work does not kill.

We have renowned professionals as resource persons. The professional exposure we received here in PRICE is similar to none in any of our learning institutes here in this country, we dare say. We first of all, touched the Christ life in our resource persons and saw for ourselves that the life of Christ is not at loggerheads with academic or professional excellence. As a matter of fact, the life of Christ is all excellent and the New Creation Life can be carried to the professional space. We really got the head training in PRICE.

The Multidisciplinary approach of PRICE has made us realize again that there's nothing we cannot do through Christ that strengthens us. Some of us have come to learn to do things that were different from our background of study. Say, someone with a physical science background being a software developer, some persons have come to learn circuit designs. We gained exposure from field trips and excursions too.

have proven this over and over. This is a lifestyle you must not graduate from.

In response to the woman's cry, Elisha responded - what do you have in the house, and she answered nothing except a pot of Oil. This is lesson 2, Elisha didn't create a new solution. He did not bring a newly developed innovation to solve this grave problem. The answer lies in what is in the house. The answer the world is waiting for is actually located in our house (our lives, the evacuated temple where God dwells). The woman has almost forgotten that she had a small pot of Oil which is why she said ... nothing.....emm..., except a small jar of Oil. Yes that is it, said the Man of God. That is what you need. Borrow more vessels and fill them with the Oil. That jar of Oil is the key to paying all your debt

Beloved friend, we must not be overwhelmed by challenges in the world, its tyranny and complicated corruption; the solution is the Oil in you. Whether in government, in the market, classroom, laboratory, or factory, the solution is in the Oil. The Oil is the Life of Jesus you have received, the Oil is galvanized with all the concerted training you have received at PRICE for over 24 months. All the dealings of the LORD to produce Christ's life and character in you refer to the Oil. All the discipline and capacity development you have been baptized into make the Jar carrying the Oil to be strong to preserve the content. Your discipleship, your victory above self, your sacrificial lifestyle, your diligence to love first and serve others ahead of you; this is the Oil you have received... it is adequate and has the power to multiply to pay all the debt we ever owe.

So, as we go let us:

1. Recognise that all that we need is inside this Oil – Christ in me: the life and wisdom of God.
2. All problems and indebtedness of life shall be paid through this Oil.
3. Fear not the rage of creditors and indebtedness. There is Oil in the house.
4. Go borrow other vessels with you and pour the Oil.
5. Go and pay your debt. Go forth and deliver the world from the shackles of hopelessness and helplessness.

As we depart, you will always need to shut in with God as we have learnt; You will always work with other vessels carrying the Oil, do not separate from them; Be confident in what God has given you and launch without fear because the Oil is adequate to pay all debts. The Oil in you will lubricate (make awkward things become seamless), it will soothe (heal all corruption and pain) and it will cause you to shine (bringing credit to the LORD through great performance). The world is waiting for your manifestation, for you're the one carrying the Desire of the nation; don't make this precious Oil of no effect. Don't let creditors take our inheritance into slavery again because we cover the Oil, because we neglect the Oil, or because we think there is another asset somewhere to pay the debt. There is no other asset that has ever helped anyone including the late prophet. Only the Oil is sufficient to pay the debt. Go and pay your debt.

Arise and Shine for your Master.

Personal TESTIMONY

I BECAME A GUINEA PIG FOR PRICE BATTLE AXES

(JER. 51:20-23)

There was no PRICE building, hostels, dining and not even offices that year. There was not even a sign board standing, to point to an existing land, where PRICE was going to be, in the beginning of 2019, when I came to Bethany Resort, Gboko, Benue State, in Nigeria. Yet, there was a looming and illuminating vision, in the hearts of elders, there were strategic plannings, discussions and intercessions that were quietly going on among the elders and few individuals. Strategies were being born, and thoughts about certain individuals who would become the building foundation rocks of PRICE, were being searched and scrutinized. Prayers were going on, confirming and testing everything and every detail to proof if they origin was the will of God.

My story, first and for all, is to the glory of God, Who granted me a privilege to be a guinea pig for PRICE Battle Axes, though still a work in progress. I came to Nigeria specifically for an exposure to a practical training of ICT and to further dig help to the Information Technology which I was studying at the University of South Africa (UNISA), my home country. Though I had was doing well with several modules in the course, and I even had distinctions, but when it comes to practicality of most of them, especially programming, I could not do a thing. Following this, coming to Nigeria was the best solution to the help I needed to make my ICT knowledge useful and practical as I was told that ICT at Calvary Arrows is growing and students were already writing software applications. I had nothing to do with PRICE, neither did I know anything about it, because in the first place, it was non-existent as at that time. In the pipeline of all this, God knew His own agenda and what He was preparing me for. Before enrolling for this course, I had taken Management Assistant Diploma, which is an Administration training. I had wanted to further it to a Degree level, but God insisted that I must do ICT. In the process, He told me that I must follow general courses because the young people He was going to use me to affect, would be pursuing diverse kind of courses in the area of technology. He told me that I would be assisting students in higher institutions. Little did I know it was going to be graduates who are seeking for practical training like me. Lastly, I never knew that the ICT center and buildings I saw in my visions, were going to be in Nigeria, neither did I know that what He was showing me before, about raising an army of youth that would be shot into nations and governments was a global vision. However, our God who sees our end from the very beginning; He, being God, had known everything (Rom 8:28).

This is how I became a guinea pig. In my previous years of coming to Nigeria, I had always stayed in the Chalets or at Bro. Gbile Akanni's home, where everything was served to us with preference of South Africans. This time, it was different. I was coming for a training that was not just about programming. It was going to be an all inclusive training that would touch every dimension of my life, including: my appetite, conveniences - like where to sleep, when to sleep, and wake up, relationships, and especially as a foreigner. This was not an easy training. It was full of cultural and emotional shocks, and diversity expressions and experiences. However, God used my personal convictions of my missionary calling to keep me going. My placement at Calvary Arrows College assisted me greatly, because of the passion I have for youth; I was exposed to more training in working with the young people through my participation in Bible Studies, Discipleship classes and Prayers. Staying with them in the hostel, also brought me closer to practical one-on-one relationship with them. All this intensive exposure and training took 2 years and some months, before the actual training for PRICE began. When I had some discussions with Bro. Seun about my encounters and confrontations with God, it became clear that all the visions and prophecies I received were referring to PRICE, JEGRUN and all youth work involvement. This became even more understandable why I needed to go through the two years of training, just like PRICE interns, And like them indeed, I also had to engage on a workable project, that introduced Calvary Arrows Online Applications Platform.

Kindly, bear with me as I bring you the details of my training, to practically confirm my statement on having become a guinea pig for PRICE Battle Axes.

In this training, I was brought under Bro. Seun Olufolaji, who is the ICT expert at Calvary Arrows, even up to now. I was compelled to leave Brother Gbile's home and to come into Bethany Resort. I was also not going to stay in the chalets, because according to Bro Gbile, it was necessary for me to stay close to him. I spent my first three months with his neighbour, Mrs Mfon, who was working at Bethany Medial Center at the time, then, I later moved into Calvary Arrows College Girls Hostel. Daily, I would resume my classes at Cyber Lab around 7am and retire around midnight. This was not much of a surprise to me as a programmer, but under Bro Seun as a trainer, I had to learn to stretch beyond that, which helped me greatly for my future endeavors and as a future trainee. It brought me

demand for skilled labour in the different sectors.

Evidenced based Policy formulation- Formulated policies are based on data driven insights obtained from research. They are reviewed and aimed at driving innovation through research and development for the benefits to be reaped by the populace.

Talent development and Human capital- Research driven education fosters a skilled workforce that are equipped with critical thinking and problem solving skills essential for industrial growth. On the other hand research oriented graduates are also better equipped to compete in the global market.

Technological advancement- Research can develop indigenous technologies that are locally relevant reducing reliance on imports and boosting self sufficiency, additional value can also be added to the existing products.

Knowledge transfer and commercialization- Collaboration between institutions and industries facilitates knowledge transfer and commercialization of technology. This can be housed in technology transfer offices to bridge the gap between research and the market.

Economic diversification- Through research emerging sectors with high growth potentials can be identified fostering economic diversification. Value additional to already existing product can raise its competitiveness in the market. Innovative products can also penetrate the global market thereby increasing foreign exchange.

Conclusion: The Nigerian education system has an immersed potential for driving industrialization. By comprehensive implementation of the educational reforms, Nigeria will certainly be creating a robust educational system that fuels research and innovation not only meeting the demands of industries but driving industrialization and ultimately resulting to sustainable economic growth and national development.

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1. Overhaul of curriculum: There is a glaring need for a total overhaul of the working document which is the curricula at all levels. This is expected to be comprehensively done to become industry relevant by meeting the needs of the industrial sector. It is aimed at developing practical skills via hands on learning, critical thinking, problem solving and innovation. This shall produce graduates that possess skills relevant in the job market, better placed to compete in the global market and can attract foreign investment.

The curricula review should place emphasis on Sciences, Technology, Engineering and Mathematics (STEM) in order to foster innovation and technological advancement. In addition it will require integration of entrepreneurship and vocational training into mainstream education to align with identified industry needs. The integration of business and entrepreneurship education can prepare students to create and manage enterprises successfully.

Closely link to this is development of entrepreneurship courses and incubation centres located within the Institutions for nurturing students entrepreneurial skills and offering of support for start ups.

2. Research and development Investment (increase funding, research infrastructure and collaborations) To support cutting edge researches, modernized laboratories and research facilities should be put in place as well as establishment of collaborations between industry, academia and the government for knowledge transfer and commercialization. The break throughs in the different fields will certainly drive economic growth of the state and nation at large. Grants and funding opportunities can be established specifically for research project that has potential for industry application and solving our local needs.

3. Skilled workforce development- To create a hand full of skilled work force, the technical and vocational training apprenticeship must be developed and made available through collaboration with industries apprenticeship programs and on the job trainings. Life long learning opportunities should be promoted in order to adapt to evolving technological demands. Continuous training of teachers must be invested in, and equipped with modern teaching methods and technology for implementation. The learning experience shall be greatly enhanced with motivated and well trained teachers.

4. Leveraging on Technology- Incorporation of Information Communication Technology (ICT) as well as utilization of digital tools and platforms shall enhance learning experiences and make education more accessible with improved efficiency. Students equipping with digital skills should be commenced at an early stage of learning. Internet connectivity and digital infrastructure must be robustly invested in. Additionally, online and blended learning should be explored to enhance accessibility and flexibility.

5. Governance/policies- the Government must create an enabling environment by developing and reviewing policies to incentivize research and innovations. Government could establish performance based funding system where Institutions are rewarded based on research output, innovation and industry partnership. In addition, the formulated policies must be seen to be conducive for the industries, universities and government partnership for sustainable development. Policies should also be put in place to protect intellectual properties and to create supportive environment for start ups and entrepreneurs to thrive. Companies investing in Research & Development and innovation hubs should have tax incentives.

6. Collaboration/Partnership- partnership and collaborations must be encouraged between Universities, Research Institutions, and Industries. This shall include conduct of joint researches, internships and knowledge exchange programmes in order to bridge the gap between academic knowledge and industry demands.

7. Monitoring and Evaluation- Mechanisms to monitor and evaluate impact of the educational reforms on industrialization and economic development should be established. This would encourage feed back, review and continuous improvement on the policies and initiative in the systems.

8. Quality Assurance- To ensure that the graduate possesses relevant knowledge and skills, quality assurance mechanisms must be put in place in higher education. The target should be to meet international standards. Achieving accreditation ensures graduates are competitive globally. To keep pace with technological advancement and industry trends the curricular must be reviewed regularly.

9. Public Awareness and Advocacy- Awareness about the relevance of research and innovation in driving economic growth must be raised with the public. Stakeholders engagement with parents, communities and policy makers is very crucial and can be achieved through seminars, workshops and media campaigns.

Measurable effect/impact of Research and innovation

Job creation- employment opportunities arises from research based enterprises and such activities also create

to an understanding that: 'we do not count hours in God's work, but we work to accomplish His expectations'.

Bro. Seun began our journey by introducing me to two brothers he had trained in programming and ICT generally. He told them what I needed to start as start. He would personally take rounds in between days to check my progress, and direct me on the new steps to take or materials to go through. His watch word 'progress report' has become my own these days, whenever he came, he would say, "Sister Nontle, progress report!!" The process of the training was a very intense one, with discouragement and failure at time, but thorough it all I was able to sail through because of God's Grace for the journey, the convictions and the burden for the young. I remember one time, when I had to submit a project assignment back to my University (UNISA), but discovered that, I could not build any reasonable thing. I gave up that project and told Bro. Seun that I was not going to submit. He asked me the reason. I told him that I could not build the project, with the syntaxes I knew, and the brothers that helped me with other projects were not around and would not be around for some time. He, insisted that I must do the project. He told me that even he, himself, did not have to know which syntaxes to use, before building a project. He told me that once I had the knowledge of the concept and principles of programming, I could build anything.

As brief as that discussion was, it shot adrenalin into my system, showing me the opposite of what I was thinking. Prior to this discussion, of which, I was thinking that I had wasted almost a year, but could not build a thing. I thought that I had wasted all the resources and the efforts made by the elders to help me. However, he kept telling me that I had made good progress. I never saw the point he was making at that moment, until I went back to the cyber lab to apply what he was saying. When I got to the Lab, the Holy Spirit took over to guide me from where he stopped on the issue of knowing the concepts and principles of programming, and I worked successfully on the assignment. And guess what? That assignment gave me more percentage than the ones I did before. Again, I witnessed the practically impact of allowing the New Creation Man's operation even in projects.

At another time, I had just returned from my examinations with my South African University in Lagos. I was so discouraged and devastated, due to my experience during the examinations. I was asking God, why He insisted that I do ICT if He was going to allow me to fail. I remember that when I was praying for the examinations there, God gave me Jer. 29:1- but emphasizing vs 5-7: "...build your houses and settle down,...seek the peace and prosperity of the city to which I have carried you into exile. Pray to the Lord for it, because if it prospers, you too will prosper." (NIV). I was confused, until again He brought me to a level of decision making concerning my continuation to stay in Nigeria. At first, it was not making sense, I did not understand what all He was telling me had to do with my discouragement by my experience in that UNISA exams. Bro Seun kept telling me that I had made a good progress, even though, I was not seeing it. As a continuation, I informed him that I was not going to practice Java Programming again, because I have finished with it. I told him I was going to take PHP as the next programming language, he agreed. As I sat down to follow tutorial videos like I was doing with Java Programming, he came and told me that, I would not learn this language like that, telling me that, I had passed that stage. He then, gave me a project on creating a simple website for Calvary Arrows College Parents to access their results, he told me that, that project will be the way I would learn PHP according to my progress.

I was startled, because I had never created any website before; even though I had a theoretical background because I had done principles of web development in my home University before. I took up the challenge to work on that project. Although I could not meet the school's deadline, the project became my relief and encouragement to understand that in reality I had not wasted my time. I saw that all the principles of programming I was applying were the principles I learnt from Java training I learnt that whole year. The Holy Spirit had also counseled me, that I had not wasted time and resources. He made me realize that, it was actually a year of laying foundations for my programming career and that it was not yet a building stage. I was now happy and ready to grow further. Bro Gbile also came along after listening to my progress and asked Bro Seun to help me register online with Institutions for certificates in the line of my practical progress. I started with EDX, UDEMY, UoPeople and Coursera. The website project I was doing for Calvary Arrows challenged me to work more on Web Development. I thought I was done with the project, especially since it was no more a demand by Calvary Arrows, but Bro Seun challenged me to press on with the project up to the point of hosting the website online. It was another long journey of learning and discovery for me.

My final challenge came toward the end of 2020 and beginning of 2021, which was the end of my two years journey. I was given a real project to work on this time around. I was to develop an Online Application Web Form, transforming Calvary Arrows College paper application to Online application. It took me almost four months to work on it. It was not just another journey of learning, but also another opportunity to prove that my two year exposure was not wasted.

In September, 2021, PRICE was born and by God's Grace I became one of the foundational staff. It was then that I actually discovered that all along, God was preparing me as a Battle Axe for PRICE and rest of youth work. As I have been relating with each set of interns, my own 2-year exposure has become my undeniable reference of every counsel and training I share with them. I have seen these principles working on me, and I am now, seeing them working on them too. God is still working on me but I am privileged to have a heart that enables me to be patient and hopeful concerning each one of them God has borrowed us. God is not just raising anointed army, but battle axes whom He has possessed and by whose lives and hands, He will establish His counsel in the world of Science and Technology in this last days. Of course I am not the only one applying these principles on them, but I am not telling my colleagues story yet, but my high point is on emphasizing that these principles had to work on me first before my life is used. Indeed Jer 50:20- about what God will do through us as His battle axe, has become my story, and testimony.

Author: **Nontle Gama - September 2024**

**A SPEECH DELIVERED AT THE GRADUATION AND COMMISSIONING CEREMONY
OF SET TWO OF PEACE HOUSE RESEARCH AND INNOVATION
CENTRE OF EXCELLENCE (PRICE)
ON SATURDAY 21ST SEPTEMBER 2024**

BY HIS ROYAL MAJESTY, BEGHA U TIV, ORCHIVIRIGH,
**PROF. JAMES ORTESE IORZUA AYATSE (CFR),
TOR TIV V, GBOKO, BENUE STATE.**

TITLE: BUILDING VIBRANT YOUTH TOWARD NATIONAL
DEVELOPMENT THROUGH RESEARCH AND INNOVATION

The Coordinator and Board of Elders of Peace House Team,
All The Ministers of God present,
All The Vice Chancellors present,
All The Men and Women of the Academia present,
All The Directors of Peace House Institutes,
The Graduating Set of PRICE,
Distinguished Brethren, Ladies and Gentlemen,

As Chairman of the State Traditional Council, the Royal Father of the day and the Chief Host of this great occasion I wish to welcome you all to Benue State, a land blessed with rich human, cultural and natural resources, popularly known as “The Food Basket of the Nation”.

Let me begin by giving thanks and glory to God Almighty for giving us life and the privilege to witness this day, for what He is doing in our time in Tiv land, in Nigeria as a nation and in the world at large through Peace House. This Centre of Excellence for Research and Innovation established in Gboko, Benue State is one of several such developments God has brought to us through Peace House.

These technological skills for creativity and productivity that are coupled with life formation offered in PRICE constitute an inestimable equipping of our youth for wealth creation that is inexhaustible. This training is a comprehensive and pragmatic form of life empowerment.

Statistics have revealed that the population of the world is approximately 7.95 billion in which the total number of youth between ages 18 and 35 is approximately 40% of the global population, which comes to about 3 billion. Nigeria being the largest country in Africa with an approximate population of 229,152,207 (Nigeria Population, Worldometer 2024) has an estimate of 70% (160.4million) of the populace to be under 30 years of age.

This indisputable figure of the approximate number of youth in Nigeria, makes it imperative for us to see the need to build vibrant youth through Research and Innovation for national development. They are the life blood of our nation's future.

Building generally requires diligence, discipline, determination and consistency as well as material and human resources to arrive at a desired result. As a nation, to build vibrant youth toward national development, all the Stakeholders such as Government, Traditional, Religious, Academic, Professional and Family Institutions must collaborate in a deliberate way to achieve this goal.

Nigeria as a developing nation needs even more diligence, determination and consistency in the development of our youth than can be seen in some developed nations of the world. China and India for example have set the pace in the development of their youth in research and innovation through diligence, determination and consistency which has placed them ahead of others in the global field and ranking.

In order to achieve this pertinent goal toward our national development, the government must provide an enabling environment of peace and tranquillity required for the building of vibrant youth. Insecurity, terrorism, violence, vandalism and poor electricity supply must be dealt with. Whatever has been the reason behind incessant strike actions in all our tertiary institutions must be properly addressed and policies that are youth-centred must be formulated.

Our educational curriculum must be practical and result oriented. This must be reflected right from primary school level through to tertiary levels. With the fallen standard of education in our nation today, we are faced

**REPOSITIONING THE NIGERIAN EDUCATION YSTEM FOR INDUSTRIALIZATION
AND ECONOMIC DEVELOPMENT THROUGH RESEARCH AND INNOVATION**

By Professor (Mrs) Priscilla Mwuese Utoo
(FMCPh, MPA, PGDFP, MB, BCh)
Dean, Faculty of Clinical Sciences
College of Health Sciences,
Benue State University, Makurdi, Nigeria
putoo@bsum.edu.ng

Preamble: I sincerely appreciate the lord God Almighty, Our Daddy Bro. Gbile Akani, and the organising committee of this ceremony, I say a big congratulations to the graduands on this occasion after several months of brooding over in the place of research and innovation under God. I also deeply appreciate the efforts of the management for identifying a gap in our educational system and for been deliberate and intentional in bridging it for the good of our people. I pray that many young people will take advantage of this opportunity to maximally explore it and reap the wholistic benefits thereof.

The Topic of this Lecture ‘Repositioning the Nigerian education system for industrialization and economic development through Research and innovation’ is quite apt considering our current socio-economic status and technological needs as a nation.

The Process of receiving or giving systematic instruction is referred to as education. It usually highlights the forming and regulations of principles and character in order to prepare and be fit for any business by systematic instructions. It is a key ingredient for economic, political, social and technological development of any nation. Education has the capacity to improve quality of human life with associated benefits for individual and the society at large.

Situation analysis with gaps and challenges identification of the Nigerian educational system

Currently, the Nigerian educational system is regarded as quantitative rather than qualitative in orientation. In the public institutions particularly the degree obtained is rated low globally, the collapse in the system is visible across all the levels of primary, secondary and tertiary education. The writing and reading skills have grossly degenerated with low knowledge of critical thinking and problem solving among Nigerian University graduates. The system is more examination concious than acquisition of knowledge and skills. The situation is compounded by the national exponential growth rate of 3.2% as reported by the National population commission. This is said to be at the verge of experiencing population explosion. If nothing is done about the situation it has the tendency of translating to unemployment and poverty with its attendant consequences.

Some of the following factors are identified to be responsible for the prevailing situation:

Inadequate infrastructure- Many schools are overcrowded with dilapidated and insufficient essential facilities for teaching and learning. This makes the environment very unconducive, and with limited practical facilities, learning becomes more abstract and theoretical; for instance where we have technical colleges with no functional workshop poses a great challenge to skill full learning.

Poor teacher remuneration- Insufficient funding for the educational sector with irregular payment of staff allowances usually impact negatively on motivation and job satisfaction. This ultimately have negative resultant effect on quality of education as teachers engage more seriously in other businesses other than teaching and research.

High level of corruption and examination malpractice- This is seen to be promoted by Parents, Students and Teachers beyond the government ability to cub the incidence. This practice has the potential of producing poor quality graduates that are ultimately unemployable in the society.

Poor governance and funding of education. - This has the potential of affecting the quality of education particularly at the primary school level where there is crucial need to pay attention to the foundation.

Strategies for repositioning the educational system

innovation and reform to improve student learning, prepare students for the real world, and channel their creativity to enrich the state and nation.

At a time when the world is changing at a pace greater than schools can catch up with, PBL provides students the opportunity to understand mathematics and science by modeling problems, applying science principles, and using engineering methods to design technologies. This way students engage in collaboration, critical thinking, problem-solving, and creativity rather than memorize subjects to pass exams.

As more schools begin adopting PBL to foster the development of 21st-century skills, teachers will need to be retrained and equipped to change their role and mindset from delivering teacher-centered instruction to a student-centered learning application.

The mixing of education, trade, entrepreneurship, business, science, design, mathematics, engineering, and technology is the hallmark of the Project-Based Learning concept. It not only fosters learning but also produces economic gains that bring development to the state.

For the Nigerian research and educational system to reverse from the current and begin to be at par with those of other advanced countries, where production is usually the target, a whole lot of policies need to change. This issue of policy change is my research statement. We need to move from the present system of teaching to Project-Based Learning. We need to mingle more with the people of advanced nations through postdoctoral research systems. There is no single race on the surface of the earth that owns knowledge. Knowledge is best incubated, hatched, and nurtured when many people from different backgrounds work together. That again leads to the emphasis on the postdoctoral system. Getting money to start this is very easy because Government can decide to fix just a billion Naira in a trusted bank account. The proceeds can be used to start the postdoctoral system. That is what was done in countries like Germany. This money can easily be gotten from organisations such as the Tertiary Education Trust Fund (TETFund). After all, TETFund gives two to three billion Naira to some Federal Universities yearly.

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with greater challenge of harnessing the vast majority of our youth to productive use in research and development. Examples abound among our graduates today who were not able to conduct simple research as part of their final year project all because of poor funding which has resulted in poor laboratories as well as apathy of the youth to learning and creativity. All efforts must be geared towards equipping our laboratories in all fields of Science and Technology.

Our educational policies must also encourage the establishment of both public and private research institutes that can train and build youth ready to turn innovative ideas into reality, research and development into production and distribution.

There should be a political dimension as the government introduces strategies to stimulate the creativity of young people. This dimension includes the political will, dialoguing and awareness. Skills acquisition programmes for the youths must be focused upon through workshops, training, exposure to new technology and sound education should be highly encouraged. Scholarship and sponsorship should be given to the youth with prowess and great acumen for research, innovation and creativity.

While calling on Government and other Institutions to focus on building vibrant youth for national development through research and innovation, our youth to recognise their position as the future of the nation, the next generation of leaders and the change makers and shapers of the world at large. With this insight and understanding by every youth, they must seek and submit themselves to mentoring initiatives of their leaders, internship programmes, guidance and discipleship that will enable their potentials to break forth. Every youth must arise with great passion to these initiatives and responsibilities required for their building.

To build vibrant youth for national development through research and innovation, youth innovation programmes should be promoted from childhood, right from the Primary School to the Tertiary Institution. Students should be evaluated and rewarded based on their skills, innovation and creativity. The awards of excellence through handwork, pottery work and creative idea in the Primary Schools should be revived and reformed. The government and the industry should create synergy and collaboration that can stimulate and motivate young inventors, investors, entrepreneurs and in our business community.

I want to use this medium to thank the Federal Government of Nigeria for creating Incubation Centres through the Ministry of Science, Technology and Innovation in different parts of the country. This initiative is highly commendable. In order to achieve the vision of building our youth through research and innovation, these incubation centres must become vibrant, effective and product driven. This will provide the youth the opportunity to develop their innovative and business ideas, enhancing their entrepreneurial capability and obtaining access to a wide range of resources and networks.

As a nation, it is imperative to note that it is the building of vibrant youth through research and innovation that will lead to the building of vibrant nation that will bring impetus towards our national development.

As I conclude this speech, I will advise the Federal Government of Nigeria to consider doing the following:

- (i) Encourage the establishment of private research and innovation centres like Peace House Research and Innovation Centre of Excellence (PRICE) by guaranteeing sound infrastructure such as electricity, communication networks and funding institutions for research and innovation work.
- (ii) Establish a strong national framework for research and innovation that provides the necessary support needed for building our youth in this crucial area for national development.
- (iii) Enforce the intellectual property right with the availability of patenting service for the young researchers and inventors.
- (iv) Encourage and promote young innovators by implementing policies that support local production through subsidies, tax breaks and reduction of import duties on items directly related to research and innovation.

Finally, I wish to appreciate the leadership of Peace House for deeming it fit to establish a research and innovation centre of this calibre in Tiv land. To the graduating set, I encourage you to utilise the wealth of experiences and knowledge acquired from this centre to become vibrant youth that will bring meaningful development to our nation and the world at large through research and innovation. To all the participants in this occasion, building vibrant youth for national development must begin from our various families, our family values must support creative and innovative ideas that impact positively on the society. Charity begins at home, therefore, for us to achieve the building of vibrant youth of great vision, creativity and innovation for national development; every family must focus on the training, discipline, education, inculcation of family virtues and overall capacity development of the youth in its domain.

May the grace of our Lord and Saviour Jesus Christ be with you all.

God bless the Federal Republic of Nigeria,

God bless Benue State, the Food Basket of the Nation, and

God bless Peace House.

Tapping Nigeria's Vast Resources through Project-Based Learning (PBL) and Collaborations

Michael U. Adikwu

Department of Pharmaceutics, Faculty of Pharmaceutical Sciences,
University of Nigeria, Nsukka, Nigeria

1. Introduction

In the presentation of this paper, I will be taking the Nigerian system as a whole. I will be dealing with education and technology education in particular from primary school to university level. I will also paint the picture of Nigeria that I have seen and also deal with that structure, the way I have seen it.

The rate of change outside the educational system has outpaced the rate of change within it (Olutimehin, 2023). As a result, what students are learning has become obsolete, and inapplicable, in the real world. Today's science education teachers face the challenge of teaching science subjects and preparing students for a career in science education in a world that has changed. There is a need for a concept that opens the educational system to make contributions to the outside world and also receive feedback to improve.

Mathematics and science are the foundation of engineering and technology. No nation will advance technologically if its science education is not up to date. Students who study sciences in secondary schools will end up being our future civil engineers, electrical engineers, mechanical engineers, medical personnel, science teachers, scientists, pharmacists, nurses, architects, urban planners, economists, computer programmers, and more.

According to Uwaifo (2009), "a country is said to have a setback in engineering education when the products from its engineering institutions cannot produce capital goods such as tractors, lathe machines, electrical and electronic devices, drilling machines, cars, iron and steel, train and other earth moving equipment as well as being unable to provide engineering skills and expertise to undertake the exploitation of her natural resources." The problem facing effective technology development can be summed up as the challenges facing science education. When the foundation is faulty, engineering cannot transform problems into technologies.

To repair the foundation, I am proposing the implementation of Project-Based Learning (PBL) in science education sectors in Nigerian schools ranging from secondary schools to universities. Hmelo-Silver (2004), stated that beyond students learning 21st-century skills (critical thinking, communication, collaboration, and creativity), "PBL fosters deeper learning and relevance by allowing students to learn in a real-world context."

Rather than encourage individualism, PBL utilizes collaboration among students by grouping them into teams. The students are required to design and carry out projects that seek to solve problems that are related to helping achieve the Sustainable Development Goals (SDGs). Through PBL, students can deepen their understanding by manipulating mathematics and science principles to analyze and understand real-life problems.

2. My Experience

I have in the past worked in a multidisciplinary environment as I was the National Project Coordinator of a World Bank-assisted Project at the Federal Ministry of Education in Abuja, here in Nigeria. From my work there, I have developed a theory that no problem on earth does not have a solution. I also developed another theory that why many things are not working in Nigeria is because Nigerians put money on top of work and as such the worker can pick the money and leave the work while in other parts of the world, the money is hidden under the work and that automatically means that without completing the work, the money cannot be reached. The major problem with Nigerian scientists is the lack of persistence. Many do research for promotion and do not even care if the research is commercializable or not.

In Nigeria today, people name a myriad of problems ranging from insecurity to religious diversity to corruption. Those are no problems. The major problem is the inability and unwillingness to face these problems head-on and get solutions to them. Different political parties are not a problem. The problem is the

targeted at solving very difficult national problems such as the power problem in many parts of Africa. Such experienced fellows are gotten and given fairly large sums of money and they in turn can hire junior fellows. They are given a period of two to five years in the host country and by the time they leave, the problem is either completely solved or a clear road map on how to solve the problem is presented.

iii.) Building of Local Capacity: There are lots of pieces of equipment scattered all over Africa that no one or just a few can use. In many advanced countries, certain pieces of equipment are only bought on demand by postdoctoral fellows. While they are using them, they simultaneously train local researchers on how to use them. By the time they leave the country, local capacity is already built on how to use these pieces of equipment.

iv.) Identification of Local Problems and Roadmap Development

Some post-doctoral fellowships at the senior level may be just to identify key national problems and to define roadmaps for them. They could help also to make a curriculum suitable for addressing such national problems through research. For instance, many nations build their curriculum on what they have a comparative advantage in or what is abundant in their environment. A good example is Latin America where countries in the region build their curriculum around the Amazonia (the Amazon Forest) from where they derive their livelihood. If Africa had learned to do this around petroleum products, ground nuts, cocoa, palm oil, groundnut, various solid minerals, etc., we would not be where we are today.

v.) Internationalization of the Research System

The African education and research environment is too homogeneous and albeit local. This is a far cry from what happens elsewhere. Postdoctoral systems bring in highly talented individuals from various parts of the world. Many of them, if given favorable conditions may continue to stay and be integrated into the African research system. That is a key way to reverse the trend of falling standards in research and education.

vi. Economic gains

Many postdoctoral fellows end up making discoveries and inventions all of which belong to the host institution and as such to the host country. This brings in many economic gains to the country which may continue for decades, if not centuries, in terms of finance as well as job creation.

vii. Building a Culture of Research

There is a common saying that the easiest way to feed to satisfaction when one has lost appetite is to eat with others. The culture of research that is being gradually lost in some African institutions can be regained through the introduction of the postdoctoral system. Many Africans go for studies that involve research nowadays because they have no job. Most others do research studies on a part-time basis. When they see people from other lands who do nothing else apart from research, they too will be encouraged to take up research.

viii.) Production of High-Level Manpower for the System

Most trainings that are geared towards building high-level manpower are usually ad hoc in nature. They are usually for a short period or are done outside Africa. What this means is that the people are not adequately trained or when they return home from foreign institutions, they do not meet proper working environment. This does not allow them to grow on the same platform as their counterparts elsewhere. It is often a common phenomenon that an American and a Japanese share a Nobel Prize for work done in different laboratories. This is because they have been to each other's laboratories and when they return, the research environment is not very different. A student of mine went for post-doctoral research where he used skin and ocular constructs to test his drugs. When he returned home, these were not available and he had to return to whole animal studies which are not only expensive but sometimes unethical.

ix). Scholarly Exchange of Staff

Most postdoctoral students, on completion, will normally invite their hosts to their institutions back home even for a short period of stay. These exchanges can lead to collaborations that can bring further internationalization of the local institutions. A former student of mine who is now a Dean brings his hosts from Germany and USA where he went to carry out postdoctoral studies and they come to teach without any pay. All he does is that his University here in Africa arranges for accommodation.

Conclusion

We have the power to determine how the future will turn out. The only way we can predict the future is by creating it. To create the future we want, we have to invest in key activities that will create the kind of future that we want. This paper has highlighted and made a case for PBL methodology as a means for educational

responsibility to help in training the children. The problems come when the father goes to work, the mother goes to work and the child is left in the hands of nannies or housemaids. Today, we have students with deformed characters. As such, we should start with a programme in value reorientation for our youths [VARPY]. The necessary syllabus for it can be gotten from experienced guidance and counselling staff and other educational psychologists of our universities and make it part of our General Studies (GST) programmes. You should note that every child can only be helped by parents, religious groups, and the school they attend. Where these three fail, the child is gone or finished! Where the other two have failed (parents and religious groups), we as educational instructors must not fail. Universities were established to solve human problems, particularly theological ones. We must not deviate from that. Initially, they were established to solve the problem of religious belief systems but today, those universities that have ranked well in global rankings are only contributing economically to their countries, where they are situated in advanced countries. They are not doing much about the behaviour of their students. The issue of religion has been left backstage. “The meaning of life is to give it a meaning” -Proverb!

9. Challenge Your Limits

This is something being left backstage in our system. Education is not measured by reading and writing but by the application of the knowledge acquired. According to Winston Churchill - the price of greatness is responsibility. Do not limit your challenge, instead challenge your limit. Go beyond the limit and set higher rules than what people already know. The only limit that exists are those in your head and mind. Most limits in your head are just illustrious. If you want anything badly, there is no limit to what you can achieve. As such, stop limiting your potential. Absorptive capacity affects the ability of a person, organization, or individual to recognize new pieces of information (such as new science, or new technology). Assimilate it and apply it. Difficulties and obstacles are those things you imagine when you take your eyes off your goal. The greater the obstacle the more joy and happiness and glory in overcoming it. Being challenged in life is unavoidable but being defeated is optional. If you run into a wall do not turn around and give up, figure out how to climb it, go through it, or walk around it. Worry never accomplishes anything. When you have a problem, it is better to concentrate on the solution to that problem not the problem itself.

10. Nigeria is Too Disintegrated in All Fronts

I do not want to use the word diverse because that is too weak. There is strength in unity. Let me borrow the word diverse for a few minutes. We are diverse from each other, from history, from the land, from the resources. we are too disintegrated to be put together. Not even superglue can glue us together. There is no Ministry that cannot achieve more if it joins another Ministry. If, therefore, five Ministries come together, they will become explosive in performance. Ministries can decide to come together and contribute money to carry out research in chosen area. What happens currently is that a ministry may decide to give out money for research but usually the money will be given to a known person. With that, there is no demand for result! The money is forgotten on the long run.

11. Improving the Standard of Research: The Case for Postdoctoral Fellowship Foundation

The Postdoctoral System Can Change the Fortune of the Research System in Africa in various ways.

i). Knowledge Inflow: No system can develop when there is no originality of ideas. Having original ideas is always not easy among many academics even in advanced countries. This has led to academic fraud whereby people copy PhD thesis with generational gaps or one carried out in a different institution. In many Nigerian institutions, many higher-degree students wait for a year or more for their supervisors to assign topics to them. Some become frustrated and abandon their studies denying the academic system of very brilliant minds.

In a system with a postdoctoral structure meant to attract people from all over the world, this is not the case. Most people supervising postdoctoral fellowships in other lands receive thousands of research proposals from all over the world every year and may accept none, or just one or two of them depending on the availability of space. Such research proposals become a library of knowledge that is readily assigned to higher-degree students from the local environment.

ii). Solution to National Problems: Many postdoctoral fellowship programs have both junior and senior arms for fresh PhD graduates and experienced researchers respectively. Senior research fellowships are

inability and unwillingness to set up the criteria for peaceful coexistence. Ethnic and tribal differences are not a problem. The real problem is the inability and unwillingness to set up what keeps a society in harmony. Nothing is a problem as far as the earth is concerned. The word “problem” is the language of men. When God made man, He said, “Be fruitful and multiply and replenish the earth and subdue it and have dominion over the fish of the sea, and over the fowl of the air and over everything that moves upon the earth.” That means that the Creator envisages that all we call problems today will exist but they are there to be solved to keep man happy on earth. That is why the word “subdue” was used in the first place along with “dominion.” Once a person solves a problem on earth, it is only fitting into God’s desire and the person becomes very happy. Imagine an earth without problems. Will people be happy to live on such an earth?

3. The State of Science Education in Nigeria

Science education, based on the principles of technical and vocational education, plays a critical role in lifting people out of poverty and enabling them to live a better life. Most science teachers are not well-grounded on how to apply science principles and methodology to solve real-life problems outside the classroom. Without the application of science, society will stagnate and problems will not be solved.

The goals of science education in Nigeria are to cultivate inquiry, knowing, and rational minds for the conduct of a good life and democracy and to produce scientists for national development (FRN, 2004). Ofo (1999), stated that the quality of education in any nation depends largely on the quality of its teachers and the status of any people depends on the quality of their education. A teacher can only transfer what he or she knows to the student.

The present educational system places more emphasis on grades and preparing students to pass examinations and gain admission into the University. While in the University, the student is not taught about what is happening in the real world, but they are only interested in giving the students certificates that have no bearing on the happenings in the real world. This emphasis enables students to memorize their subjects to pass their exams and not to learn to apply.

Interacting with science teachers shows that since they are knowledgeable about science and mathematics, they lack the skills and expertise to apply science and mathematics to solve real-world problems. Remember that education begins with the teacher. Science teachers need to be retrained and equipped to champion Project-Based Learning (PBL), understand how mathematical modelling and science principles can be applied to solve real-world problems and develop it into technology that can be used and marketed.

4. A Case for Project-Based Learning in Science Education

John Dewey is recognized as one of the early proponents of PBL through his idea of “learning by doing”. Dewey (1897), enumerated his view that “the teacher is not in the school to impose certain ideas or to form certain habits in the child, but is there as a member of the community to select the influences which shall affect the child and to assist him in properly responding to these.”

Unlike the traditional way of instruction where the teacher delivers a well-prepared lesson note that informs and delivers knowledge to students, PBL integrates knowledge, practice, and application. Students learn the knowledge and the curriculum in the classroom but also apply what they have learned to solve real-world problems and produce technology that can be marketable and used as a result.

Project-based learning is a student-centered teaching method that enables students to learn by actively engaging in solving real-world problems. Students get to work in groups on a project over an extended period - from a term to a session. They apply what they are taught in the classroom to solve problems. They demonstrate their knowledge of Science Technology Engineering and Mathematics (STEM) and skills by creating technologies that can be used.

PBL empowers students to research, investigate, experiment, validate their hypotheses, and then develop technology that people can use. Students working as a team select an SDG-related problem, then use mathematical modeling to formulate equations, scientific principles, and methodology to understand the problem, design, and system thinking to understand how the problem impacts humans and develop prototypes, and then use engineering to develop the technology that can be used.

Benjamin Franklin (Brainy Quotes) described how students learn in a Project-Based scenario this way:

“Tell me and I forget.

Teach me and I remember.

Involve me and I learn.”

Parmley (2022), in an online article, discussed how the American educator Edgar Dale, developed what he called the Cone of Experience or Learning, which describes and visualizes Dale’s views on the teaching methodologies available to teachers and how effective different forms of instruction are at imparting knowledge. It comes with percentages that indicate the retention rates of each mode of instruction. The Cone can be divided into three parts:

1. Verbal Reception: Learners can retain 10 %-30 % of knowledge
2. Demonstrative Reception: Learners can retain 30 %-50 % of knowledge received.
3. Participation: According to Dale, this is the most effective form of knowledge acquisition. This is where there is learners transition from passive to active. Learners can retain 70 %-90 % of the knowledge received.

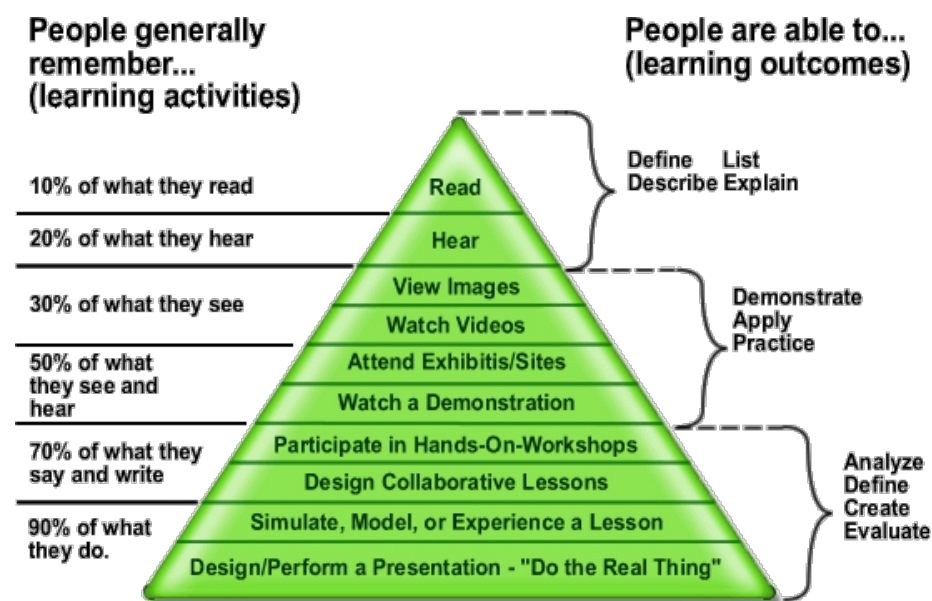


Figure 1: Cone of Learning example from Wikipedia

PBL is a participation-based methodology. As a result, students can recall what they have learned many years after. After being taught, “The Law of Conservation of Energy in Physics and Mixed Farming in Agriculture, I went home and applied the principles to convert sound energy to mechanical and electric energy and also built a garden at home to test how mixed farming works responsibly. The knowledge remained with me” states a student.

Project-Based Learning transforms the role of the science teacher from being an instructor to a coach. Here are some benefits of incorporating PBL into the school program:

1. It enhances students’ assimilation of subjects.
 2. Trains the mind, heart, and hands.
 3. Increases students’ motivation and engagement.
 4. Ensures no student is left out in the learning process.
 5. Increases development of the 4 C’s of 21st Century Learning (Critical Thinking, Collaboration, Communication and Creativity).
 6. Students gain a greater depth of understanding of science and a broader knowledge base.
- PBL requires students to apply and experience lessons from several disciplines and apply them to solve real-life problems. Odell (2020), revealed that studies have found that student outcomes in the learning of facts and basic skills are equal to or better than outcomes achieved using more traditional classroom instruction. When PBL was implemented, students experienced increases in long-term retention of content, showed equal or better performance on high-stakes tests, improved problem-solving and collaboration skills, and improved students’ attitudes toward learning.

1. Learning in the 21st Century

According to the World Economic Forum’s (2015) report, the gap between the skills people learn and the skills people need is becoming more obvious, as traditional learning falls short of equipping students with the knowledge they need to thrive.

PBL is an innovative way to help students develop competence and character. These are some of the skills that are critical components of the 21st-century skill framework but not a core focus in our school system. Incorporating PBL into the school system equips students to navigate their way and thrive in the real world outside the school system.

Here are some of the 21st Century Skills that students will develop while engaged in PBL activities.

1. Problem Solving:

of the University of Abuja while I was Vice-Chancellor there, to the Airforce Institute of Technology (APIT), Kaduna and we were told how they were producing drones. The other time, I was in a Steyr Company, Bauchi, where tractors were been produced for agriculture. One thing we should note is that almost every crop can do well in Nigeria. We need to focus on our agricultural students well so that when they graduate, they know exactly why they went to read agriculture.

6. Let Us Work Together and Change the Narratives About Nigeria

As I mentioned above, in Nigeria, money is put on top of every work, so you can carry the money and leave the work. It is time to hide money below work so that the work must be done before one can reach the money. All we need is attitudinal change.

Why will our ministers of defense not be collaborating with our departments of metallurgy and departments of mechanical engineering to make arms for them? Why should our defense ministry not be collaborating with the Ministry of Solid Minerals to set up research in our universities? if such researches are set up everywhere, good results will come from them if such researchers ‘eat’ the money, they could be sent to jail. There should be serious monitoring of such money if given. Some people will give money based on who they know or those who belong to their religious groups. It is better to give money to people in other areas who are not related to one by religion or tribe so that the monitoring can be better. The money too can be given piecemeal to ensure that the desired results are obtained. The monitoring must be vigorous. In those days, I got a grant of sixteen thousand Dollars in two tranches from the International Foundation for Science (IFS), Stockholm, Sweden, and I was monitored very closely. The research I did with it won the Nigerian Prize for Science.

Why should we have the Ministry of Power and our universities are not collaborating with them to solve Nigeria’s power problem? When I was the National Coordinator of the World Bank-assisted project, I visited “NEPA” and some of the staff there told me they approached some universities to even help them teach pro bono, and the staff in those universities refused saying that, they were only coming to take their chances and show off their big cars. As such the “NEPA” people went to set up their power institute. Do not tell me they are called the Power Holding Company of Nigeria [PHCN]. All these changes of names without adequate change in performance are useless. Someone will want to ask me, where will you get the money for all these? What happens to your annual budgets? Ministries and universities have annual budgets. The problem is not even the lack of money. The problem is the tendency to pilfer! Another person may want to ask, “What if we do not have the know-how?” That is why we are talking about post-doctoral research foundation! Where they are not here, send your people to them. Let them get the knowledge and return to change their country. I was informed, that Singapore did something like that! Today there is a Ministry of Petroleum Resources and University of Petroleum Resources and even a Petroleum Training Institute yet refineries are repaired by people hired from outside Nigeria. Apart from these, other universities even offer petroleum engineering as courses or programmes of studies, and yet people keep complaining of turn-around maintenance that takes years. There is a Nigerian National Petroleum Corporation [NNPC] and a Petroleum Trust Development Fellowship [PTDF] yet there is no pilot petroleum unit where people can learn on the job.

Uneducated and non-engineers are accused every day of scamming refineries that distill petroleum for sale and other uses in the Niger Delta. If non-educated people can refine petroleum using make-shift refineries, why not copy from them and enlarge such make-shift refineries? Remember, there are various ways of killing a rat. You must not use the refinery developed by the white man.

7. Let Us Ask a Question About Private Universities

What do you think was in the minds of those who operate private universities? Is it to solve a national problem or to make money or to make a name that will last after they are gone? Universities should be set up for a critical need and the people should be trained to focus on that area to make a difference and be known for that.

8. Value Reorientation for Our Youths

A very serious consideration is the behavior of our students these days. All universities should make it a

that will strengthen scientific, productive research in Nigeria. Various ministries in Nigeria need to collaborate either economically or otherwise. Higher educational institutions particularly the Universities, Polytechnics, and Colleges of Education need to collaborate among themselves. Where research parks are not available, they need to be set up in one town or the other. These can start with setting up pilot production units in our institutions depending on which area a particular institution is endowed in. For example, many universities and polytechnics are situated in towns that are rich in mineral resources. There should be pilot production units in various areas where solid minerals can be harvested and used. For example, pilot production units can be set up in arms manufacturing, handset production, manufacturing of industries materials, drug production, and so on. Thus, various ministries and institutions need to come together. Ministries need to come together for cost sharing but the benefits will be mutual. With these, resources can be pooled together to fund research and such pilot production units. It should be noted that during the era of the colonial masters in Nigeria, they never sponsored research and development in Nigeria laboratories but went back to their parent industries back home to carry out their research. This left wide gaps in our schools and industries. These gaps need to be rapidly filled up. For this to be successful, there is a need for massive collaboration. For instance, Departments of metallurgical, mechanical and electrical engineering need to collaborate to fabricate spare parts from solid minerals.

There should be massive reverse engineering practices in our higher institutions. Reverse engineering is what many countries are using to bridge the gap between them and advanced countries. As the National Project Coordinator of a World Bank-assisted Project, we established a Centre of Excellence on Solid Minerals Research and Development at Kaduna Polytechnic, in Kaduna, Nigeria. That Centre is doing well and other Faculties of Engineering need to collaborate with them. They have been recognized as the World Class Centre of Excellence on Solid Minerals Research and Development by the World Body that regulates solid minerals research and development and given ISO 90002. All Pharmacy Faculties should have pilot production units in drug manufacturing. With that, the students will have a Project-Based Learning (PBL) experience. All Faculties of Law have what is called Moot Court and that helps them to produce good lawyers.

5. The Era of “I Am in Charge” Should Be Over

We should start looking at our polytechnics, colleges of education, mono-technics, and secondary schools, particularly technical colleges, and see how to reform their curriculum for better performance. Ministers from various ministries need to talk to each other to see what they can do together. Remember, “if you are willing and obedient, you will eat the fruit of the land”.

There should be synergy between the academics and industry. All universities, polytechnics, and colleges of education should have some people from the industries in their areas teaching and educating the students. The PBL experience is easier with people from the industry teaching in these institutions. Apart from the transfer of knowledge from the industry to those in the academics and students, any discovery can easily be manufactured by the industry.

Consultancy units in our schools need to be strengthened by registering them with the Corporate Affairs Commission (CAC). They should be able to bid for jobs from within and outside the country. While at the World Bank Institute in 2008, we were informed that a university in the US made 32 billion dollars as a gain in one year. The consultancy units should operate differently or autonomously on their own without their staff being on the universities’ payroll.

We should begin to work tirelessly until we start postdoctoral research foundation whereby academics who are fresh doctorate degree graduates can be attracted from overseas into our University and research systems for knowledge inflow. That will also help to internationalize our universities, polytechnics, and colleges of education. I will discuss that more at the end of this paper.

Nigeria has all it takes to be number 1 in the world. If you have a problem, our university researchers should focus on it until it is solved. Today there is a problem of insecurity, our Department of Engineering should focus on gun production and drone production. A few years ago, I led my staff of the Faculty of Engineering

2. Critical Thinking
3. Creativity
4. Collaboration
5. Communication
6. Digital Literacy
7. Entrepreneurial Skills
8. Social and Emotional Intelligence

PBL takes the focus of education from the classroom to the real-world context. As students embark on hands-on projects, they develop relevant skills that will stay with them for life.

2. Student-Centered Science Education

In Teacher-Centered Learning (TCL) methodology, teachers use classroom management to regulate student participation in learning. In Student-centered Learning (SCL) methodology, however, students are empowered to actively participate in their learning. While TCL is management-based, SCL is leadership-based. In TCL, a teacher utilizes control as a tool to foster instruction or delivery of knowledge, but in SCL the teacher influences the students to learn.

In TCL, teachers use carrots and sticks to motivate students to pay attention in the classroom. All that matters is the delivery of the knowledge in the lesson note. The teacher hardly cares whether the student assimilates or not. The teacher has a fixed time to deliver the lesson and complete the lesson planned for the term. In SCL, however, the teacher uses vision to inspire students to take control of learning.

While the teacher has all the power in TCL, in SCL he or she shares that power with the students. The goal of SCL is to engage students so they can be emotionally, physically, mentally, and spiritually invested in the learning process. When students are fully invested in learning, they learn more and develop the self-confidence to do their best in examinations and avoid malpractices.

Olorukoka (2007), observed that teaching sciences are still teacher-centered and curriculum-demonstrated. PBL, however, refocuses science education on the student, not the curriculum or teacher. This enables the students to be internally driven, creative, empathic, enterprising, and resilient. No curriculum can impart students with these, but must be acquired through experience.

In PBL, science teachers play the role of facilitator, mentor, and coach, where they work with students to frame problems, develop models, plan, facilitate discussions, guide them with knowledge, create the right experience, assess scenarios, and give feedback and corrections.

PBL is student-centered. It focuses on skills and practices that empower the student to learn and enable lifelong learning and problem-solving ability. It enhances students’ interdependency, curiosity, decision-making, leadership and creativity. The interests of students drive their education. TCL discourages collaboration and curiosity, which are essential skills required to succeed.

3. Science Education to Solve Sustainable Development Goals Problem (SDGs)

The Sustainable Development Goals (SDGs) are a collection of independent, yet interconnected, goals in support of the United Nations 2030 Agenda for Sustainable Development.

The goals, created with twenty-first-century skills in mind, weave STEM (Science, Technology, Engineering, and Mathematics) disciplines throughout and aim to end poverty, take care of waste and sanitation challenges, create new forms of food production, develop sustainable energy sources, bring innovation to healthcare, provide quality and equitable educational opportunities, to take right climate actions and protect the planet to ensure that, by 2030, everyone on earth has the opportunity to enjoy prosperous and fulfilling lives.

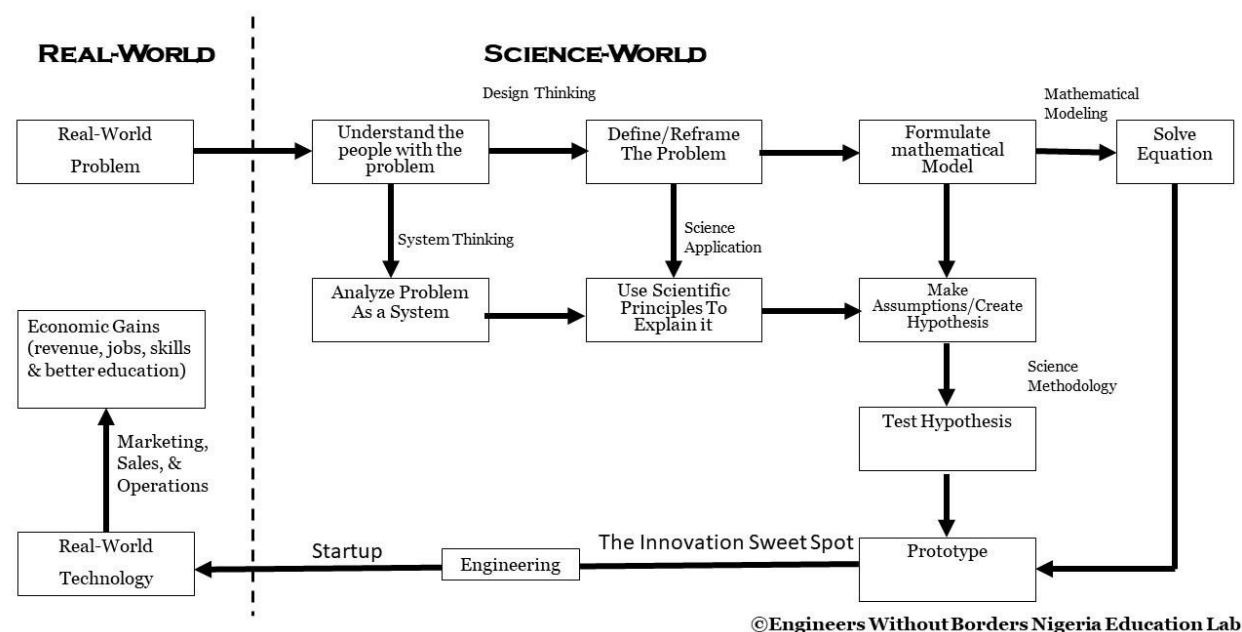
Students will be grouped into teams to tackle challenges in SDG-related areas such as:

- i. Health
- ii. Waste & Sanitation
- iii. Education
- iv. Food
- v. Water
- vi. Energy
- vii. Security
- viii. Transportation

Teachers will serve as mentors to students in each team. Team members will each be given responsibilities and it will serve as extracurricular activities in schools. The projects can either be term-based or session-based. By getting involved in solving problems, students will be trained to be global citizens.

4. Project-Based Learning Model

PROJECT-BASED LEARNING (PBL) FOR SCIENCE EDUCATION MODEL



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Figure 2: EWB Nigeria Education Lab

- i. **Design Thinking:** It's an innovative process for problem-solving that is human-centered. It is based on how humans affected by the problem think, feel, and behave. It is a way to design solutions for humans. Students will learn to empathize and develop prototypes.
- ii. **System Thinking:** It is a way of making sense of a problem by looking at it in terms of wholes and relationships rather than splitting it into its parts. It is a way to synthesize a problem to understand its effect and impact. Students will learn system analysis and optimization.
- iii. **Mathematical Modelling:** This is the representation of a real-world scenario using mathematical equations. It is the process of creating a mathematical representation of a real-world problem to make predictions or provide insight. Equations are created from problems and then the equations are used both to help understand the problem and also to discover new features (variables) of the problem. It is a way to simulate the problem.
- iv. **Science Application and Methodology:** This is using scientific laws to explain problems and manipulate them to produce solutions. Using scientific laws and principles to understand a problem and predict a solution will deepen learning. When students continually practice science methodology, it will become part of their lives. They will learn to observe, develop hypotheses, test the hypothesis, and make conclusions based on facts or data.
- v. **Engineering:** This is the process of applying scientific principles and mathematical modeling to create a technology that people can use. It is the creative application of science, mathematical methods, empirical evidence to innovation, and design to produce technology that is useful, feasible, viable, and desirable.
- vi. **The Innovation Sweet Spot:** This is a connection where a particular solution or technology is feasible, viable, and desirable. A technology that meets this criterion can then be processed in the incubator and accelerator and transformed into a business.
- vii. **Startup:** Startups are ventures with a validated business hypothesis and business model that is effective and working. The startups will pass through an incubator that will help them validate their business model and make it scalable.
- viii. **Economic Gains:** These are the gains that will result from the implementation of these concepts in terms of revenues, jobs, advancement of the education system, and the education of the total person. Students who go through this PBL concept will be prepared for the world outside the school system. They will understand what it takes to work and run a business.

1. PBL as a Form of Igbo Apprentice System

The purpose of the Igbo Apprentice System according to Agozino (2007), is "to spur economic growth and stability, and sustainable livelihood by financing and investing in human resources through vocational training." It is an economic training system that is based on practice and experience where a trainee works with an expert to learn the inner workings of a trade before getting into the trade. Trainees work for 6-7 years to gain mastery of the trade.

Trainees end up learning the business model of their masters, developing skills such as book keeping and sales. Human relationships, inventory control, accounting, technical, and managerial skills. These skills equip the trainers to succeed in business. It is said that the system has produced more millionaires than any other system in the world. A Forbes Africa report (2017), showed that Nnewi has more naira billionaires per capita than anywhere else in the country, and that is attributed to the Igbo Apprentice System.

In many cases, those who choose to enter the Apprentice system hardly continue with school. They see what is taught in school as a waste. Those who go through the system end up as business owners and employers while those who go through the school system end up as job seekers.

PBL will provide similar but more advanced economic training to Secondary School students. From JSS1, a student will be exposed to PBL. Each year the student will be part of a project and get to understand how economic and business systems work while learning science, mathematics, and engineering. PBL will equip students to be enterprising, innovative, and productive.

We can mix trade, entrepreneurship, education, and business through PBL. Students learn the following skills:

- a. Product and Design
- b. Data Analysis
- c. Web Application Design
- d. Marketing
- e. Collaboration
- f. Research

2. Scaling Technology to Business

What will happen to the solutions or technologies that student teams eventually develop? Will they end up in the project graveyard like those of the final year students of undergraduates or will the good ones be developed into products and either sold to businesses or transformed into businesses? These are questions that have to be answered. The solution will be for the government to build an incubator.

Business incubators are a springboard for early-stage businesses and startups to provide specialized tools needed for new businesses, and startups, to grow and innovate. The goal is that while still educating students, the government should build an ecosystem of businesses that generate revenue and employ graduates.

If all the schools in Nigeria participate in the PBL program, the government will average over 1000 new solutions in a year. Out of these, the government can select the very viable ones and pass them through the incubator system. In 5 years, Nigeria will become a hub for startup entrepreneurs and educational innovation. To achieve this, the government can partner with various national and international organizations and individuals to deliver on this.

3. The Vast Richness in Nigeria

Nigeria has a vast number of rich materials and environments. While I was coordinating a World Bank-assisted Project in Nigeria, I was informed that Nigeria has over 289 solid minerals. While I interacted with some people from the Ministry of Solid Minerals, I was informed that the number was even higher. Various other countries in Africa such as Congo, Ghana, South Africa, and a host of other countries have a variety of rich deposits of solid minerals and other resources but none is as massive as those of Nigeria. Unfortunately, we do not have positive thinkers in Nigeria. Nigeria is a country where a child studies agriculture but hates everything about farming. No part of Nigeria is not fertile for one thing or the other. Yes, Nigeria is fertile for everything. One crop or the other can be grown in any part of the country. Brazil has depended on the Amazonia (the Amazon forest) for its resources. In Nigeria, we have thick temperate forests that are rich in various fauna and flora that can be harvested for all forms of things that can make the existence on earth palatable; be it drugs or food.

4. My Statements of Fact

- a. There is a Need to Collaborate

My statements of fact will therefore be largely policy issues based on the establishment of units and facilities