

CURRICULUM VITAE

ADDRESS: Aircraft Maintenance Engineering
(AME) School, Nigerian College of Aviation Tech.
(NCAT) Zaria, Kaduna State.

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USMAN YAKUBU

CAREER OBJECTIVE: To use my education and experience to provide qualitative and professional skills that will facilitate the accomplishment of my organizational goals.

PERSONAL DATA

SEX:	Male
DATE OF BIRTH:	12 th February, 1976
STATE OF ORIGIN:	Kogi
L.G.A:	Okene
NATIONALITY:	Nigerian
MARITAL STATUS:	Married
RELIGION:	Islam

EDUCATION

INSTITUTION

1. Shettima Primary School Gusau
2. Ebira Muslim Comm. College Okengwe
3. Division of Agricultural Colleges, A.B.U.
(1997 - 1998)
4. Ahmadu Bello University, Zaria.
(1998 - 2004)
5. Ahmadu Bello University, Zaria.
(2009 - 2010)
6. Ahmadu Bello University, Zaria.
(2016 - 2021)
7. Ahmadu Bello University, Zaria.
(2021 - Date)

QUALIFICATION OBTAINED

First School Leaving Certificate
Senior Secondary School Certificate
National Diploma Agric. Engineering

B.Eng. Metallurgical Engineering.
(Second Class honors)
Post Graduate Diploma in Computer
Science
M.Sc Metallurgical & Material Eng'g.

Ph.D Metallurgical & Material Eng'g.
(In-view)

ADDITIONAL EDUCATION/QUALIFICATIONS

1. Aso Computer Academy, Zaria: Diploma in AutoCAD - 2004
2. CTI computer institute, Zaria: Certificate in Data processing - 2005
3. MCAN Computer School, Ibadan: Diploma in Computer Maintenance & Repairs - 2006
4. A.B.U. CISCO Networking Academy, Zaria: CCNA I & II, May - September, 2008
5. Laptop Computer Hardware Eng'g & Maintenance in Aso Computers Enterprises, 2010

6. Data Analysis with SPSS in Aso Computers Enterprises Zaria - 2015
7. Basic Aviation Planning, Operation and Management Certificate - 2016
8. TRAINAIR PLUS Training Instructor Course (TPP/TIC1) - 2017
9. Training Instructor Course (TPP/TIC2) - 2017
10. Advanced Aviation Planning, Operation and Management Certificate - 2018
11. Human Factor in Aircraft Maintenance Engineering - 2019

PROFESSIONAL MEMBERSHIP

- Council for the Regulation of Engineering in Nigeria (COREN) - R.33,911
- Corporate Member, Nigerian Society of Engineers (NSE) - 37065

COMPUTER SKILLS:

AutoCAD, SolidWorks - 3D Modeling, Matlab Programming, System Hardware and Software Engineering, Computer Networking, Geographical Information System (GIS), Statistical Package for Social Sciences (SPSS), Design Expert, Minitab, Python Programming, Visual Basic Programming, Web Engineering Application & Hosting, Microsoft Word, MS Excel, MS Access, MS Power Point, MS Publisher, Corel Draw, Adobe PageMaker, etc.

WORK EXPERIENCE

Instructor III: Nigerian College of Aviation Technology (NCAT) Zaria. 2015 - Till Date

Responsibilities:

Lecture NCAT - AME HND students on the following courses

- Computer Aided Design and Manufacturing (CAD/CAM) - AMEAP 315
- Computer Programming using Matlab Programming - COM 311
- Statistical Methods in Engineering - MTH 431
- Conducting/supervising practical classes on Computer Designs and Manufacturing Software using AutoCAD and Solidworks.
- Supervision of HND student project and ND students.

Part-time lecturer (Resource person): Nigerian Institute of Transport Technology (NITT) Zaria

2014 - Till Date

Responsibilities:

- Lecturing Post- graduate Diploma Students on Transport Engineering - PGDTL - 514
- Conducting and Marking Examination Scripts

Director & IT Consultant: ASO Computers Enterprises, Zaria. 2006 - 2021

Responsibilities:

- CAD Instructor for the Institute (AutoCAD and SolidWorks-3D Modeling)
- Training of Engineers in Cooperate Organisations (NCAT, UMYU-Katsina, CADD)
- Consultant on Web Design and Hosting
- Instructor on Matlab programming and SPSS package
- Design and Modeling of Students Projects (Undergraduate, Master and Ph.D)
- Instructor on Computer Engineering and Repairs (A⁺ Engineering)
- Instructor on Computer Graphic Applications (Corel Draw, PageMaker, Ms Publisher etc)
- Instructor on Python programming
- Instructor on Database Administration

Project Supervisor: Ganden Seydi Engineering Services Ltd 2002 - 2005

Responsibilities:

- Co - supervision of Road Construction Projects
- Design of Project Models
- Co - supervision of borehole construction projects in UDUS Sokoto State.

NYSC: Army Barracks Grammar School, Iwo Road, Ibadan March, 2005- Feb. 2006

Responsibilities:

- Teaching of Physics and Mathematics
- Conduction of Physics Lab Practicals for SS3 Students
- School Road Safety Officer

Part - Time Computer Instructor: Amazing Grace Computers, Ibadan June - Dec., 2005

Responsibilities:

- Lecturing of General Computer Applications (Ms Word, Ms- Excel, Ms-Access, Power Pt, Corel Draw, Ms-Publisher etc)

OTHER EXPERIENCES

- **Vice Chairman**, The Nigerian Society of Engineers (NSE) Zaria Branch: 2019 - 2021
- **Financial Secretary**, The Nigerian Society of Engineers (NSE) Zaria Branch: Sept, 2017 - Aug. 2019
- **Publicity Secretary**, The Nigerian Society of Engineers (NSE) Zaria Branch: Jan, 2014 - Aug. 2017
- **Cadet-in-chief (C - in - C)**, NYSC/Federal Road Safety Club, Oyo State: 2005-2006.

PROJECTS/DESIGNS

- Potential of Neem (*Azadirachta indica*) Seed Oil as Quenchant for Precipitation Hardening of Al-Si-Mg/Locust Bean Waste Ash Particulate Composite. (M.Sc Project)
- Automated Student Record System and Data Mining. A case of Aso Computers Ent. Zaria (Post Graduate Diploma Project in Computer Science)
- Investigation of Some Mechanical Properties of Manual Metal Arc Weldments of Mild Steel. (Undergraduate Final Year Project)
- Design and Fabrication of a Manually Operated Grinding Machine. (Final Year National Diploma Project)

PUBLICATIONS

- Y. Usman, E.T. Dauda, M. Abdulwahab and R.M. Dodo (2020). Effect of Mechanical Properties and Wear behaviour on locust bean waste ash (LBWA) Particle Reinforced Aluminium Alloy (A356 Alloy) Composites. FUDMA Journal of Sciences (FJS). ISSN Online: 2616-1370, ISSN Print: 2645-2944. Vol. 4 No 1, March, 2020 pp. 416-421.
- Y. Usman, E.T. Dauda, M. Abdulwahab and R.M. Dodo (2020). Wear behaviour and impact energy of thermally treated Al-Si-Mg/10 wt% locust bean waste ash (LBWA) particle reinforced composite. International Journal of Science ELSEVIER.

OTHER PROJECTS/RESOURCE PARTICIPATION

- Development of Ahmadu Bello University Geographical Information System (ABUGIS) 2014
- Design and Hosting of Nigerian Society of Engineers - Zaria Branch Website May, 2013
- Staff training of Ibrahim Shehu Shema Center for Renewable Energy, Umaru Musa Yar'adua University, Katsina

July 2014

- Staff training of Nigerian College of Aviation Technology (NCAT) Zaria on CAD Modeling And Simulation
November 2014.
- Staff training of Center for Automotive Design and Development, Zaria on CAD Modeling and Simulation
June 2015
- Network Extension to all Staff Offices in the Department of Industrial Design, Ahmadu Bello University Zaria
October 2009
- Repair, Installation and Networking of 18 No Systems in The Library of The Department of Industrial Design, A.B.U Zaria
November 2009

CONFERENCES/WORKSHOPS

1. **Participant**, Council for the Regulation of Engineering in Nigerian (COREN) Assembly. (2016)
2. **Resource Person**, Nigerian Society of Engineers (NSE) Zaria Branch, Workshop on Matlab Programming and Ms excel (20th - 24th June, 2016)
3. **Participant**, Mandatory Training Workshop for Nigerian Society of Engineers (NSE) Corporate Registration Candidates (August 2015).
4. **Resource Person**, Nigerian Society of Engineers (NSE) Zaria Branch, Workshop on AutoCAD 2D & 3D (6th - 10th February, 2019)

HONOURS AND AWARD

December 2015: Merit Award Certificate by Nigerian Society of Engineers, Zaria Branch for serving as **Publicity Secretary** from January 2014 - December 2015.

December 2017: Merit Award Certificate by Nigerian Society of Engineers, Zaria Branch for serving as **Publicity Secretary** from January 2016 - August 2017.

December 2019: Merit Award Certificate by Nigerian Society of Engineers, Zaria Branch for serving as **Financial Secretary** from September 2017 - August 2019.

1st February, 2006 State Commendation letter From National Youth Service Corps (NYSC), Oyo State for distinguished service to the state.

2004, Certificate of Merit for Serving as President, National Association of Ebara Students (NAES), A.B.U. Zaria.

2002, Certificate of Merit for Serving as Vice President, Nigeria Universities Engineering Students Association (NUESA), A.B.U. Zaria.

2001, Certificate of merit for Serving as Financial Secretary, Nigeria Metallurgical students Association (NIMTESA), A.B.U. Zaria.

REFEREES

1. Prof. A. K. Oyinlola

Metallurgical Engineering Department, Ahmadu Bello University Zaria (08036670772)

2. Engr. Dr. M. A. Sambo

Former Director, Physical and Municipal Services (Estate) Department, Ahmadu Bello University Zaria. (08033494584)

3. Engr. Nasiru Gungura

Training Manager, Nigerian College of Aviation Tech. (NCAT), Zaria. (08037012913)