



# CURRICULUM VITAE

## BIO-DATA

Name: **ENGR AJETUNMOBI, DAVID TUNMISE**

Date & Place of Birth: **AUGUST 10, 1994, OYO STATE**

Gender: **MALE**

State of Origin: **KOGI STATE**

Nationality: **NIGERIAN**

Marital Status: **SINGLE**

Number & Ages of Children: **NIL**

Religion: **CHRISTIANITY**

Contact Address: **Mechatronics Engineering Technology Dept. The Federal Polytechnic, Ilaro, Ogun State, Nigeria**

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Telephone Number: **08130175184**

Last Promotion date: **1<sup>st</sup> January 2021**

Present Position: **LECTURER III**

## INSTITUTIONS ATTENDED

## DATES

University of Ilorin

2011-2016

Airforce Comprehensive School Uyo

2005-2011

Bereton Montessori Primary School

2000-2005

## **ACADEMIC QUALIFICATIONS**

## **DATES**

B.Eng (Mechanical Engineering)

2016

Senior Secondary School Certificate (SSCE)

2011

First School Leaving Certificate

2005

## **PROFESSIONAL QUALIFICATION**

Registered Engineer, Council for the Regulation of Engineering in Nigeria (COREN)

## **WORKING EXPERIENCE**

### **ACADEMIC EXPERIENCE**

#### **Teaching Experience**

Assistant Lecturer                      The Federal Polytechnic, Ilaro, Ogun State                      Jan, 2019 – Jan, 2021.

Lecture III                                      The Federal Polytechnic, Ilaro, Ogun State                      Jan, 2021 – Till Date.

#### **Courses Taught**

MEM 413 Machine Element Design

MEC 312 Engineering Design

MEC 312 Strength of Materials II

MEC 313 Strength of Materials III

MEC 111 Mechanical Engineering Science

MCE 111 Mechanical Workshop Practice

MCE 106 Cooling and Lubrication

MCE 108 Fundamental of Auto-Electric Systems

GEM 101 General Engineering Mathematics

### **Research Interest**

- Production Technology
- Industrial Engineering
- Artificial Intelligence
- Automobile Engineering

### **ADMINISTRATIVE EXPERIENCE**

Class Adviser and Laboratory Coordinator at Mechatronics Department, 2020 till date.

### **RECOMMENDATION**

Member of the Federal Polytechnic Ilaro Research team that; designed and fabricated the Mechanical Ventilator, Mechanical Hand Washing Machine, and Sanitizing Booth11, 8<sup>th</sup> September, 2020.

### **ACADEMIC PUBLICATIONS**

#### **Journal Publications (3)**

Ajetunmobi David Tunmise and Ayanrinde Wole (2021): Development of a Solar Powered Parabolic Trough for Mini Power Generation: International Journal of Scientific and Engineering Research Volume12, Issue 7, pp 1027 – 1031.

Ajetunmobi David Tunmise and Ayanrinde Wole (2020): Exergetic Analysis of an Air Conditioning System Using R-22 and R-600a Refrigerants: International Journal of Scientific and Engineering Research Volume 11, Issue 8, pp 1392 – 1396.

Ajetunmobi David Tunmise and Adeola Ademola (2019): Development of a Pedal Powered Hacksaw: International Journal of Scientific and Engineering Research Vol 10, Issue 6, pp 1410 – 1415.

### **Conference Papers (5)**

Ajetunmobi David Tunmise and Ayanrinde Wole (2021): Design of a Miniature Turbine System Powered by Vapourized Working Fluid: 5<sup>th</sup> National Conference, Academic Staff Union of Polytechnics Zone C, 3<sup>rd</sup> – 6<sup>th</sup> Aug, 2021.

Ajetunmobi David Tunmise and Ayanrinde Wole (2020): Environmental problems Due to Industrial Waste: A case Study of Port-harcourt Blak Soot: 2<sup>nd</sup> International Conference, The Federal Polytechnic Ilaro, 10<sup>th</sup> – 11<sup>th</sup> Nov, 2020.

Ajetunmobi David Tunmise and Ojelabi Elizabeth (2020): Gender Sensitivity in TVET for National Development: 2<sup>nd</sup> International Conference, The Federal Polytechnic Ilaro, 10<sup>th</sup> – 11<sup>th</sup> Nov, 2020.

Ajetunmobi David Tunmise and Adeola Ademola (2019): Investigation of Effects of Feedrate and Depth of Cut on Cutting Forces on Viscoelastic Material: 4<sup>th</sup> National Conference, The Federal Polytechnic Ilaro 2019.

Ajetunmobi David Tunmise and Okeze Ruth (2019): Roles of Women in Technological changes, Research and Development: 1<sup>st</sup> WITED National Conference, The Federal Polytechnic Ilaro, 2019.

**Seminar/Workshop attended:** “EMBEDDED Workshop Training” (March 2019), The Federal Polytechnic Ilaro.

### **COMMUNITY SERVICE**

Construction of culvert at Omupo town, Kwara state, 2015.

### **EXTRA CURRICULAR ACTIVITIES**

Researching, Reading and Volley ball

### **REFEREES**

**Professor Adegun Isaac Kayode**

Mechanical Engineering Department

University of Ilorin

Kwara State

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**Chief Instructor, The Federal Polytechnic Ilaro**

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