



## **CURRICULUM VITAE**

### **PERSONAL DATA**

**Name:** Engr. Fayoriju Michael Foluso

**Date of Birth:** 29th Sept, 1946

**Place of Birth:** Owo, Ondo State

**Marital Status:** Married

**Nationality:** Nigerian

**Current Office Address:** WADAMTS Polytechnic, Itaolloorun, Idanre,  
Ondo State, Nigeria

**Phone Number:** 08075128840 or 08148662693

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### **(B) EDUCATIONAL BACKGROUND WITH DATES**

- Cranfield Institute of Technology Cranfield, England - 1986
- Le Chesnoy France - 1982
  
- University of Ife, Ile-Ife - 1970-1974
- A/Level (London) - 1970
- GCE (London) - 1969
- Ibadan Technical College Ibadan - 1966-1967
- Imade College, Owo - 1960-1964
- St Francis Pry School, Owo - 1949-1957

### **(C) QUALIFICATION WITH DATES**

- M.Sc in Crop Processing and Storage - 1986

- Certificate in Machinery - 1982
- B.Sc (Hons) in Agric Engineering - 1974
- G.C.E London A/Level - 1970
- G.C.E London O/Level - 1969
- Diploma in Mechanical Engineering - 1967
- West African School Certificate (WAEC) - 1964
- Primary School Leaving Certificate - 1957

**(D) SCHOLARSHIP/ FELLOWSHIPS/ HONOURS**

1. University of Ife, Marketing Board 1972 – 1974
2. French Government Fellowship 1982
3. British Council Fellowship 1985 – 1986

**(E) WORKING EXPERIENCE**

1. January 1968 - September, 1970 – Nigerian Railway Corporation, Tools Room Ebute Metta, Lagos  
 I was a Tool Technician, Working on the following machines:  
 Lathe machine; Milling machine; Shaping machine; Grinding machine; Drilling machine; (Various types); Sheet metal Fabrication and inspection of maintenance of workshop instruments.
2. July 1974 – August, 1975: Kwara Food Production Company, Ilorin – As a Food Processing Engineering in Training. The following Duties were carried out by me.
  - Planning Farm stead for rice and maize production at Obo – Ile Farm Plantation.

- Selection and maintenance of Food Processing machines
  - Selection and maintenance of Food Storage Equipment
  - Packaging of the processes products (Rice and Maize)
3. 1975 – 1976: Agricultural Engineer Grad. II  
Federal Department of Agriculture  
Federal Soil Conservation School, Jos.  
Taught Basic Soil Mechanics, Fluid mechanic and Hydraulic  
Conductor field demonstrations and Inspection on Soil and Water Conservation
4. National Seed Service, Moore Plantation Ibadan – Seed Production and processing Engineer:- At Ikenne Farm Plantation, I was in charge of the production and processing of rice, maize pop corn and sorghum. I also helped to select, maintain, processing and storage equipment. I also supervised the general repair and maintenance of farm machinery
5. 1976 – 1980: Ondo State Ministry of Agriculture and Natural Resources.  
Agricultural Engineer Grade I
- I set up the Agricultural Engineering Centre at Owo, for Owo and Akoko Local Government Areas:
  - I was the Zonal Agric. Engineer for Ekiti Zone in charge of the following:
    - Mechanization Operations.
    - Repair and maintenance of the Zonal Agricultural Equipment.
    - Processing, Storage and packaging of grains at the Ado-Ekiti.
    - Processing Centre for the State.
    - Repair and maintenance of the processing equipment.

- I was in charge of over 500 staff, maintaining discipline and order throughout the Zone.

6. 1979 – 1980: Sole Coordinator of Ondo State Polytechnic, Owo.

### **TEACHING EXPERIENCE**

1. Owo High School Owo 1965  
Taught Mathematics, Physics and Chemistry
2. Ondo State Polytechnic, Owo 1980 - 1996  
Taught both National Diploma and Higher National Diploma Students of Mechanical Engineering. Also, National Diploma Students of Food Science and Technology and Agricultural Engineering Technology.

### **3. NATIONAL DIPLOMA AGRICULTURAL ENGINEERING**

#### **COURSES TAUGHT:**

- |         |   |             |
|---------|---|-------------|
| AE 111: | Introduction to Agriculture and Agric Engineering | 1990 - 1996 |
| ME 115: | Applied Mechanics                                 | 1980 - 1987 |
| ME 113: | Workshop Tech. & Practice 1                       | 1988 - 1990 |
| AE 122: | Tractor Driving and Operations                    | 1989 - 1990 |
| AE 211: | Basic Soil Mechanics                              | 1990 - 1991 |
| AE 212: | Soil and Water Conversation,                      | 1986/87,    |
|         | 1987-88   |             |
| AE 213: | Appropriate Technology                            | 1990- 1991  |
| AE 221: | Farm Structures                                   | 1989/87,    |
|         | 1989/90   |             |
| AE 222: | Irrigation and Drainage Technology                | 1989/87,    |
|         | 1988/89   |             |
| AE 223: | Farm Power  | 1989 – 1990 |

AE 224	Farm Mechanization and Machinery	1986/87, 1987/88
AE 226:	Crop Processing and Storage	1986/87, 1995/96

## **NATIONAL DIPLOMA IN MECHANICAL ENGINEERING**

### **COURSES TAUGHT:**

ME 101:	Applied Mechanics 1,	1980/81 – 1981/82
ME 102:	Thermodynamics 1	1980/1981 – 1989/90
ME 104:	Workshop I,	1980/81– 1983
ME 106:	Applied Mechanics III,	1980/81 – 1982/83
ME 201:	Applied Mechanics III,	1980/81 – 1982/83
ME 202:	Applied Thermodynamics II	1980/82/83– 1989/90
ME 205;	Material Technology, 1980/81 –	1982/83 – 1988/89
ME 206:	Applied Thermodynamics II,	1980/81– 1989/90
ME 208	Applied thermodynamics II,	1980/81 – 1989/90
ME 210:	Automatic Engineering and Prime Movers I,	1980/81 – 1982/83
ME 211:	Air Condition and Refrigeration	1986/87 – 1990/91

## **NATIONAL DIPLOMA IN FOOD SCIENCE AND TECHNOLOGY**

### **COURSES TAUGHT**

AE 126:	Principles of Food Engineering I	1990/91
AE 129:	Principles of Food Engineering II	1990/91

## **HIGHER NATIONAL DIPLOMA IN MECHANICAL ENGINEERING**

### **COURSES TAUGHT:**

ME 303:	Auto Technology I	1981/82
ME 205:	Materials Technology	1981/82
ME 316:	Production Processes	1981/82
ME 410:	Refrigerator and Air Conditioning I&II	1982/83
ME 412:	Sewage and Waste Disposal	1982/83

### **SOME OF THE COMPLETED PROJECTS SUPERVISED BY ME:**

- Design & Construction of a cassava tuber harvester 1986/87
- Design and Construction of a cowpea shelter 1986/87
- Design and Construction of a Solar Dryer 1988/89,  
1989/90
- Use of cashew seed as a good substitute for melon seed 1989/90
- Design and Construction of a decorticating melon 1982/ 83

### **RESEARCH INTEREST**

1. The Utilization of Agricultural and Food Processing Wastes Containing Carbohydrates. (TDRI, 1985/86) London.
2. Carried out the efficient use of fuel in natural convection systems with (T.D.R.I 1985/86) London.
3. Post harvest Technology on the feasibility study of fruit juice extraction plant (1985/86), Silsoe, England.

4. Post Harvest Technology on Minor Oil Crop Extraction and Processing (1985/86), Silsoe, England.
5. Moisture migration in grain stores (1985/86) Silsoe England.
6. Evaporative cooling as a means of extending the storage life of perishable commodities in tropical environment (T.D.R.I 1985/86), London.

### **THESIS/ DISSERTATION**

1. Fayoriju, M.F. “Design of low cost cool stores for perishable crops”  
M.Sc. Dissertation, C.I.T. England 1986.
2. Fayoriju M.F “Design and Fabrication of a Melon Decorticating Machine”  
Fourth Year Project Report, University of Ife, 1974.

### **PUBLICATIONS**

#### **PUBLISHED ARTICLES IN LEARNED JOURNALS:**

3. Fayoriju, M.F. (1989). Determination of the Respiration Rate of Fruits (Tomatoes) Which are stored at certain temperature to forecast their storage life. Research and Technical Journal, Ondo State Polytechnic, Owo.
4. Site and Store Selection, Design and Maintenance for Pest Control and Literature Review. Research and Technical Journal. Ondo State, Polytechnic, Owo.
5. Evaluation for Quality Selection and Assessment between Mature Green (Mg) Tomatoes and Green Orange (GO) Tomatoes kept in a Low Cost Comparative Cooler.
6. Evaluation and Objective Method for Rapid Quality Assessment of Tomato Fruits (*Lycopersicon lycopersicon*). Journal of Food and Agriculture Science and Technology Education Ltd, Ikeja, Lagos, Nigeria.

7. Forecasting Fruit Storage Life by the Application of a Computer Techniques.

### **MONOGRAPHS**

1. Seed and Grain Drying, Needs Today and Tomorrow. Appropriate Technology for Rural Agricultural Development.
2. Simple Design of Poultry Dairy Livestock Housing in the Tropics.

### **PAPERS AND REPORTS**

1. Paper submitted on career talk for Secondary Schools on behalf of Obafemi Awolowo University Alumni Association, (Owo – Branch)
2. Harvesting, Post Harvest Technology in Nigeria: Paper presented at the 3rd Regional Workshop on Rural Development, Organized by: The Programmes for Development in Africa of the International Centre for Development of Jos, Nigerian from 13th – 17th August, 1991.

### **REFEREES**

- |  |   |
|--|---|
| <b>1. Prof. (Engr) J.B Adeyeri</b><br>Ondo State University,<br>Ado – Ekiti,<br>Ekiti State. | <b>3. Dr. O. Awani,</b><br>Permanent Secretary<br>Ministry of Commerce and<br>Industry<br>Akure,<br>Ondo State. |
| <b>2. Prof. D. O. Adene</b><br>University of Ibadan,<br>Ibadan,                              |   |