**CURRICULUM VITAE**

1. **BIO DATA**
2. **Name** **AJAYI, ADEBOLA**
3. **Date & Place of Birth 3rd, October 1960, Lagos**
4. **Gender Male**
5. **State of Origin Lagos State.**
6. **Nationality Nigeria**
7. **Marital status Married**
8. **Numbers & Ages of Children 4 & 32, 30, 27 and 25**
9. **Religion Chirstianity**
10. **Contact Address: Department of Food Technology Federal**

**Polytechnic Ilaro, Ogun State**

1. **Email Address:** [**wonderfullink@rocketmail.com**](mailto:wonderfullink@rocketmail.com)
2. **Telephpone Number 08164907970**
3. **Present Position: Principal Lecutere**
4. **INSTITUTIONS ATTENDED WITH DATES**

**Institutions Dates**

* University of Ibadan 1984
* University of Ibadan 1990

1. **ACADEMIC QUALIFICATIONS WITH DATES**

**Qualifications Dates**

* B.Sc Food Technology 1984
* M.Sc Food Technology 1990

1. **PROFESSIONAL MEMBERSHIP**

**Not Applicable**

1. **PROFESSIONAL MEMBERSHIP**

* Integrating Food Science and Engineering Knowledge into the Food Chain Iseki Food Association (Europe)
* Nigerian Institute of Food Science and Technology
* Association of Industrial Microbiology of Nigeria
* Nigerian Society of Microbiology.

1. **WORKING EXPERIENCE**
2. **Academic experience**

**i. Teaching experience**

* Principal Lecturer in the Department of Food Technology, The Federal Polytechnic, Ilaro, Ogun State.

**ii. Courses Taught**

* Fuel Combustion and Steam Generation FST 311
* Food Process Engineering FST 325
* Processing and Equipment Design FST 412

**iii. Reserch Interest**

* **Food Enginering**
* **Food Process Design**
* **Design and Fabricateion of Food Processing Equipment**
* **Legumes Sciences.**

**iv. Academic Leadership Positions**

1. Examinations Officer, Department of Food Technology, Federal Polytechnic, Ilaro, Ogun State, Nigeria. (1996 - 2000)
2. Coordinator: SIWES, Department of Food Technology, Federal Polytechnic, Ilaro, Ogun State, Nigeria. (2000 - 2004)
3. Member, Organizing Committee, School of Applied Science, First Annual Conference Federal Polytechnic, Ilaro, Ogun State, Nigeria. (2008 - 2009)
4. Member of Students’ Project Committee; Food Technology, Federal Polytechnic, Ilaro, Ogun State, Nigeria. (2000 - 2004)
5. Member, Walfare Committee: Department of Food Technology, Federal Polytechnic, Ilaro, Ogun State, Nigeria. (2005 - 2009)
6. Student’s Adviser; Department of Food Technology, Federal Polytechnic, Ilaro, Ogun State, Nigeria. (2010 - 2013)
7. Student’s Adviser (HND) Department of Food Technology, Federal Polytechnic, Ilaro, Ogun State, Nigeria. (2010 - 2013)
8. **Adiministrative Experience**
9. Head of Department, Department of Food Technology, Federal Polytechnic, Ilaro, Ogun State, Nigeria. February, 2014 - April, 2018

**7. Academic Publications:**

**a. JOURNAL PUBLICATIONS WITH DATES**

1. Ajayi, Adebola (2017). Mineral Content of Ocimum gratissimum Leaves (African Basil)

*International Journal of Science and Research Volume 6 Issue 10 pg 1572-1573*

1. Ajayi, Adebola (2017). Proximate Composition and Mineral Content of Ocimum

gratissimum (African Basil) *International Journal of Science and Technology Vol 5 Issue 11 pg 65-67*

1. Ajayi, Adebola (2017). The Impact of Different Drying Method on the Proximate

Composition of Ocimum gratissimum (African Basil) *International Journal of Science and Research Volume 6 Issue 10 pg 1574-1578*

1. Ajayi Adebola and Makanjuola, Olakunle. Moses (2017). Effect of Sprouting Periods on

the Proximate Composition, Functional Properties and Mineral Content of Malted Sorghum Flour. *International Journal of Science and Technology Vol 5 Issue 11 pg 68-71.*

1. Makanjuola, O. Moses and Ajayi, Adebola, (2017). Proximate Composition, Functional

and Sensory Evaluation of Blends of Yam-soy-Plantain Flours for Culinary Purposes. Journal of Global Bioscience Volume 6, Number 10

1. Makanjuola, O. Moses, Adepegba, A. Oluwole, Ajayi. A and Akoja, S. Samuel (2017).

Proximate Composition and Sensory Qualities of Powdered Ogi (Fermented Maize Meal) Fortified with Powdered Unfermented Locust Bean Seeds (Pakia Biglobosa). *Journal of Global Bioscience Volume 6, Number 10 (2017)*

1. Makanjuola Olakunle Moses, Ajayi Adebola, Bolade Mattew Kolawole, and Makanjuola

John Olarenwaju (2013). The proximate Composition and Mineral Contents of Three Plantain Cultivars Harvested at Matured Green level. *International Journal of Innovation in Bio Sciences. Vol 3 (2), 2013 pp23-26*

1. Makanjuola Olakunle Moses, Sanni Hakeem, Adesoji, Ajayi Adebola (2013). Effect of

Blanching and Frozen Storage on Some Selected Minerals and Vitamin C Content for Four Leafy Vegetables Widely Consumed in Ilaro Community, Ogun State Nigeria *Journal of Global Biosciences Vol 2(4), 2013, pp 79-84*

1. Makanjuola, Olakunle Moses, Adepegba, Adetokunbo Olawole, Ajayi, Adebola and

Makanjuola, John Olarewaju, (2013) . Effect of Different Preservation Methods on the Quality attributes of some Tropical Fruit Juice *Advances in Bio-research. Vol4 (4) December, 2013:74-78*

1. Adepegba,Adetokunbo Olawole, Makanjuola, Olakunle Moses and Ajayi, Adebowale.

The Physico-chemical and Bacteriology Studies of Polythene Packaged Water (Pure Water) Sold in Ilaro Metropolist, South West, Nigeria. *International Achieve of Applied Science and Technology AAST: Vol 4 September, 2013 (52-57).*

1. Olalekan, J.A Adebowale, Adebola, A, and Titilayo, A. Ibikunle (2013). Qualities

Assessment of Biscuit for Green Plantain (Musa paradisiacal) and Africa Breadfruit (Treculia africena) Flour. *Journal of Culinary Science and Technology 11:336-345*

**b. Book Chapters/Book Publications**

* Ajayi, A and Makanjuola, O.M (2016). Introduction to Food Microbiology, Published by Wonderfullink Publishers, Abeokuta, Ogun State, Nigeria. ISBN:978 978 9440 20 6 (Contribution chapters 1,2,3,4 & 5, book editing & indexing)
* Ajayi, A and Makanjuola, O.M (2015). Basic Food Process Engineering. Published by Wonderfullink Publishers, Abeokuta, Ogun State Nigeria. ISBN 978 978 9440 20 (Contribution chapters 1,2 & 3, book editing & indexing)

1. **Conference Papers**
2. Ajayi, Adebola (2017) Effect of Processing Methods on the Proximate and Mineral Contents of Ocimum Gratissimum leaf (Sent leaf) Proceeding of the 41st NIFST Conference and Annual General Meeting of Nigeria Institute of Food Science and Technology held on 22nd -25th October, 2017 at International center (ICC), by Radio House Herbert Macurlay way, FCT Abuja.
3. Ajayi, Adebola (2017) Effect of Different Processing Methods on Nutritional Composition of Bitter leaf (Vernonia Amyglading) Proceeding of the 41st NIFST Conference and Annual General Meeting of Nigeria Institute of Food Science and Technology held on 22nd -25th October, 2017 at International center (ICC), by Radio House Herbert Macurlay way, FCT Abuja.
4. Ajayi. A (2016) Proximate Composition of Dehydrated Yam Flour Proceeding of the 40th Conference and Annual General Meeting of Nigeria institute of Food Science and Technology held on 24th – 26th October, 2016 Kano, Kano State, Nigeria pp 458
5. Ajayi A and Makanjuola, O.M (2017). Effect of Particle Size of Maize Flour on

the Quality of Traditional Maize Snack, Kokoro. *World Academy of Science, Engineering and Technology, 19th International Conference on Food Science and Packaging Technologies Kaula, Lumpur, Malaysia. December, 11th – 12th, 2017.*

1. Makanjuola, O.M and Ajayi, A (2017) Proximate Composition of Five Species of Land Snails is Commonly Found in Ilaro Yewa Community, Ogun state. Repositioning Nigerian Technological Education in the 21st Century
2. Makanjuola, O.M and Ajayi (2017). Proximate, Functional and Sensory Evaluation of some Brands of Instant Noodles in Nigeria. *World Academy of Science, Engineering and Technology, 19th International Conference in Food Science and Packaging Technologies. Kuala Lumpur, Malaysia. December 11th-12th, 2017*
3. Ajayi, A, Aiyeleye, F.B, Makanjuola, O.M and Adebowale, O.J (2015) Effect of Drying Methods on the Proximate Composition Mineral Contents and Functional Properties of Plantain Flour. 29th Efffot International Conference Proceedings, held on 10-12 November, 2015 Athens, Greece.
4. Ajayi, A, Aiyeleye, F.B and Adebowale, O.J (2015) Effect of Dehydration Methods on the Proximate and Functional Properties of Tomato Powder 29th Effost International Conference Proceedings: Held on 10-12 November, 2015 Athens, Greece pp 822-824.
5. Makanjuola, O.M, Ajayi, A and Noah, A. A (2016) Physico-chemical Analysis of Borehole Water Around Cement Factories in Nigeria Proceeding of the 40th Conference and Annual General Meeting of Nigerian Institute of Food Science and Technology held on 24th – 26th October, 2016, Kano stat, Nigeria pp 29-30
6. Makanjuola, O.M, Adebowale, O.J, Ajayi, A and Noah A.A (2014) Physical Proximate Composition and Sensory Properties of Biscuit prepared from wheat-Defatted Coconut Flour Blends. Books of Extended Abstract of the 38th Nigerian Institute of Food Science and Technology Annual Conference and General Meeting, Lagos 2014 pg 74-75
7. Makanjuola, O.M, Ajayi, A, Osinfade, B.G Noah, A.A, Komolafe, O.A. Book of Abstract, 3rd National Conference, Theme: Science and Technology. The Catalyst for Political Stability and Economic Development of a Nation held at ASUP building (East Campus). The Federal Polytechnic Ilaro,

**d. Unpublished Project & Dissertation**

1. Physico-chemical and Organoleptic Properties of Fufu Cassava Varieties
2. Effect of Pre-treatment on the Proximate Composition and Functional Properties of Plantain (*Musa parasidica*) Flour
3. Effect of Drying on the Proximate and Functional Composition of Cocoyam Flour
4. Production and Proximate Composition of peanut Butter
5. Evaluation and Nutritional Characteristics of Cocoyam Flour.

**e. Major Reserach Undertaken**

1. Improving the Traditional Methods and Quality of Fufu Production in Ilaro, Yewa South Local Government, Ogun State.
2. Evaluation of the Nutritional Composition and Sensory Qualities of Powdered Ogi (Fermented Maize Meal) Fortified with Unfermented Locust Bean (Parkia Biglobosa)
3. Assessment of the Nutritional and Sensory Qualities of Ogi (Fermented Maize Meal) Fortified with Powdered Whey Protein
4. Effect of Chemical Preservation on the Shelf Life of Bottled Tomato paste
5. Effect of Salting on the Proximate Composition of African Locust Beans.
6. Production of Ethanol from Cassava Peel Waste (CPW) Using Malted Rice (*Oryza sativa*) Enzyme.
7. Effect of Storage Conditions on the Physical and Chemical Characteristics of Plantain During Ripening
8. Design and Construction of a Fruit Sorter
9. Design and Construction of an oven
10. production and characterization of banana bread
11. **Extra curricular Acvities**

* Reading Novel, Traveling, Sports and Counseling

1. **REFEREES**
2. Mr. Oduyomi, A Oduwobi,

Department of Science Laboratory Tehnology,

Federal Polytechnic, Ilaro, Ogun State, Nigeria.

+2348057513219

+2348033615103

1. Prof. Ogugau Charles Aworh,

Department of Food Technology,

Universit of Ibadan, Ibadan Oyo State, Nigeria,

+234803309860

1. Prof, Oladele Osibajo

Department of Chemistry,

University of Ibadan, Ibadan Oyo State, Nigeria,

+2348033013378

**THE FEDERAL POLYTECHNIC, ILARO (PROFILE)**

1. **Name:**  **AJAYI, Adebola**
2. School: Pure and Applied Sciences
3. **Department:** Food Technology
4. **Research Interest** Food Process Enginering
5. **Teaching Areas** Fuel Combustion and Steam Generation (FST 311),

Food process Engineering (FST 325)

Processing and Equipment Design (412)

1. **Journal Publication (11)**
2. Ajayi, Adebola (2017). Mineral Content of Ocimum gratissimum Leaves (African Basil)

*International Journal of Science and Research Volume 6 Issue 10 pg 1572-1573*

1. Ajayi, Adebola (2017). Proximate Composition and Mineral Content of Ocimum

gratissimum (African Basil) *International Journal of Science and Technology Vol 5 Issue 11 pg 65-67*

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Composition of Ocimum gratissimum (African Basil) *International Journal of Science and Research Volume 6 Issue 10 pg 1574-1578*

1. Ajayi Adebola and Makanjuola, Olakunle. Moses (2017). Effect of Sprouting Periods on

the Proximate Composition, Functional Properties and Mineral Content of Malted Sorghum Flour. *International Journal of Science and Technology Vol 5 Issue 11 pg 68-71.*

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and Sensory Evaluation of Blends of Yam-soy-Plantain Flours for Culinary Purposes. Journal of Global Bioscience Volume 6, Number 10

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1. Makanjuola Olakunle Moses, Ajayi Adebola, Bolade Mattew Kolawole, and Makanjuola

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1. Makanjuola, Olakunle Moses, Adepegba, Adetokunbo Olawole, Ajayi, Adebola and

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1. **Conferences Attended**
2. Ajayi, Adebola (2017) Effect of Processing Methods on the Proximate and Mineral Contents of Ocimum Gratissimum leaf (Sent leaf) Proceeding of the 41st NIFST Conference and Annual General Meeting of Nigeria Institute of Food Science and Technology held on 22nd -25th October, 2017 at International center (ICC), by Radio House Herbert Macurlay way, FCT Abuja.
3. Ajayi, Adebola (2017) Effect of Different Processing Methods on Nutritional Composition of Bitter leaf (Vernonia Amyglading) Proceeding of the 41st NIFST Conference and Annual General Meeting of Nigeria Institute of Food Science and Technology held on 22nd -25th October, 2017 at International center (ICC), by Radio House Herbert Macurlay way, FCT Abuja.
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the Quality of Traditional Maize Snack, Kokoro. *World Academy of Science, Engineering and Technology, 19th International Conference on Food Science and Packaging Technologies Kaula, Lumpur, Malaysia. December, 11th – 12th, 2017.*

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2. Makanjuola, O.M and Ajayi (2017). Proximate, Functional and Sensory Evaluation of some Brands of Instant Noodles in Nigeria. *World Academy of Science, Engineering and Technology, 19th International Conference in Food Science and Packaging Technologies. Kuala Lumpur, Malaysia. December 11th-12th, 2017*
3. Ajayi, A, Aiyeleye, F.B, Makanjuola, O.M and Adebowale, O.J (2015) Effect of Drying Methods on the Proximate Composition Mineral Contents and Functional Properties of Plantain Flour. 29th Efffot International Conference Proceedings, held on 10-12 November, 2015 Athens, Greece.
4. Ajayi, A, Aiyeleye, F.B and Adebowale, O.J (2015) Effect of Dehydration Methods on the Proximate and Functional Properties of Tomato Powder 29th Effost International Conference Proceedings: Held on 10-12 November, 2015 Athens, Greece pp 822-824.
5. Makanjuola, O.M, Ajayi, A and Noah, A. A (2016) Physico-chemical Analysis of Borehole Water Around Cement Factories in Nigeria Proceeding of the 40th Conference and Annual General Meeting of Nigerian Institute of Food Science and Technology held on 24th – 26th October, 2016, Kano stat, Nigeria pp 29-30
6. Makanjuola, O.M, Adebowale, O.J, Ajayi, A and Noah A.A (2014) Physical Proximate Composition and Sensory Properties of Biscuit prepared from wheat-Defatted Coconut Flour Blends. Books of Extended Abstract of the 38th Nigerian Institute of Food Science and Technology Annual Conference and General Meeting, Lagos 2014 pg 74-75
7. Makanjuola, O.M, Ajayi, A, Osinfade, B.G Noah, A.A, Komolafe, O.A. Book of Abstract, 3rd National Conference, Theme: Science and Technology. The Catalyst for Political Stability and Economic Development of a Nation held at ASUP building (East Campus). The Federal Polytechnic Ilaro,

**Summary of Profile**

**Mr. Adebola Ajayi, Food Technologist with focus on Food Eniginering. He had his undergraduate degree in Food Technology from the University of Ibadan, Ibadan in 1984 and Masters in Food Technology in the same University in 1990. Over the years he has been engaged in meaningful research and teaching. He has conducted researches in Food Engineering with special interest in Food Dehydration, Rheology and Fluid Mechanics. He has mentored a good number of students both at the National and Higher National Diploma levels. He is a Senior lecturer in the Department of Food Technology, Federal Polytechnic, Ilaro in Ogun State.**