

# BALOGUN MODINAT OMOTAYO

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## 1. Biodata

Name	BALOGUN, Modinat Omotayo
Date and Place of Birth	December 25 <sup>th</sup> , 1958 and Ibadan
Gender	Female
State of Origin	Oyo
Nationality	Nigerian
Marital Status	Married
Numbers and Age of Children	3 and 35yrs, 25yrs & 22yrs
Religion	Christianity
Contact Address	Department of Civil Engineering, The Federal Polytechnic, PMB 50, Ilaro
Email Address	<a href="mailto:mobalogun@yahoo.com">mobalogun@yahoo.com</a> <a href="mailto:modinatbalogun@federalpolyilaro.edu.ng">modinatbalogun@federalpolyilaro.edu.ng</a>
Telephone Number	08035214234/08052848283

## 2. Institution Attended with Dates

The Federal University of Technology Akure	2001 – 2005
University of Wisconsin Stout U.S.A	1984 – 1986
Kaduna Polytechnic, Kaduna	1977 – 1981
Yejide Girls' Grammar School, Ibadan	1972 – 1977
Omolewa Nursery & Primary School	1966 – 1971

## 3. Academic Qualifications with Dates

M.Sc. Vocational Education	1986
B.Sc. Vocational Education	1985
Post Graduate Diploma in Civil Engineering (PGD)	2005
Higher National Diploma in Civil Engineering (HND)	1981
National Diploma in Civil Engineering (ND)	1979
WASC	1977

## 4. Professional Qualifications

Registered Member, COREN

## 5. Membership of Learned Society and Professional Bodies

- Member: American Society of Civil Engineers
- Member: Nigerian Society of Engineers, Ilaro Branch
- Member: Women in Technical Education (WITED)
- Member: Academy for Entrepreneurial Studies, Nigeria

## **6. Working Experience**

### **(a) Academic Experience**

#### **i. Teaching Experience**

- 36 years, 7 months

#### **ii. Courses Taught**

- Highway Engineering
- Construction Technology
- Soil Mechanics
- Science and Properties of Material
- Geology and Soil Mechanics
- Building Construction

#### **iii. Research Project Interest**

- Materials [Concrete, Laterite, sawdust, wood shavings, Palm Kernels, Periwinkle, Rice husk, etc) tests
- Alternative/Unconventional Materials.
- Highway Engineering

#### **iv. Academic Leadership Position**

- Exam Officer
- HND II Project Chairman
- ND II Project Chairman

### **(b) Administrative Experience**

#### **i. Headship of Department**

- Head of Department – Civil engineering Jan 2008 – Dec 2011
- Acting Head of Department – Civil Engineering Feb – March 2003

#### **ii. Membership Of Committees**

- Member, Academic Board
- Chairman Federal Polytechnic Nursery/Primary School, Ilaro Management Board
- Member: The funding of Staff School Established by Federal Government Agencies Committee
- Chairman Department Project Committee
- Chairman Think – Tank WITED Committee
- Chairman Department Re-Accreditation Committee
- Member: the Tertiary Education Reform
- Treasurer Academic Staff Union of Polytechnic CICS
- Treasurer NSE Ilaro Branch
- Member ASUP Honour and Award Committee
- Chairman, School of Engineering Retreat Committee
- Secretary Exhibition Committee
- Chairman Entertainment and Exhibition Committee of School of Engineering 2<sup>nd</sup> Annual Conference
- Member Implementation Committee of workers of the Year Award.

## **7. Services Outside the Federal Polytechnic, Ilaro**

- i. External Assessor The Federal Polytechnic, Ede
- ii. External Assessor Moshood Abiola Polytechnic, Abeokuta

## **8. Scholarship/Fellowship and Prizes**

### **i. Scholarship**

- Technical Teachers Training Programmes (TTTP) for MSC and BSC

### **ii. Prizes**

- NYSC Meritorious Award
- Chancellor's Award USA
- Magna Gum Laude USA

## **9. Academic Publications**

### **a. Journal Publications.**

- Balogun, M. O., Oloyo, R. A and Aderinola O. S [2013]: Effect of Replacing. Fine Aggregate with Laterite on the slump, Density and Compressive Strength of Laterite Concrete. Interaction journal of multi-Disciplinary Studies Vol. 5. No.1.
- Olanrewaju A. J., Balogun M. O. and Akinlolu S. O. [2011]: Suitability of Eggshell Stabilized Lateritic Soil as Sub-grade Material for Road Construction, Journal of Geotechnical Engineering Vol. 16, Bund H, ISSN 10893032, April, United State of America, pp 899 – 908
- Soyemi O. B, Adegbesan, O. O. Soyemi J and Balogun M. O. [2011], The Impact of Information and Communication Technology on the Environment in a Developing Economy. Ilaro Journal of Environmental Research and Development. Pages 187-194
- Ogunfayo, I. K and Balogun M. O. [2010]: Alleviating Poverty through Housing. The use of Laterite Blocks in Construction of Houses. Journal of Women in Technical Education Vol. 6No2, pages 227-232.
- Balogun, M. O. and Ogunfayo I. K [2010]: The use of Laterite as a Substitute for sand in the Manufacture of Building Blocks. Journal of Management and Technology Vol. 2 No.2 pp44-48.
- Balogun, M. O., Ogunfayo I. K. and Akinboboye F.A.O. – Utilization of Wood Shavings in Construction Industry. . Interactions Journals of Multi-Disciplinary Studies.

**b. Books Chapters/Book Publications**

- Balogun, M. O. (2009): Introduction to Properties of Construction Materials: Ibadan. Marvel books Publishers.

**c. Conference Papers**

- Olaoye J. O. Sekoni, R. T. and Balogun, M. O. [2018]: Properties of Sugarcane peel ash modified mud brick : 1<sup>st</sup> International Conference, Federal Polytechnic, Ilaro.
- Balogun M. O. Soyemi O. B. and Aikulola O. A. [2012]: Assessment of Structural Properties of concrete Beam using Rice Husk Ash (RHA) as a Partial Replacement of Cement. 2<sup>nd</sup> National Conference of the School of Engineering, The Federal Polytechnic, Ilaro.
- Awolola, Olagoke, S. A. and Balogun M. O. [2010]: The Effect of Environmental Layout on Degree – days. The Nigeria Society of Engineers International Engineering Conference and Annual General meeting at Abuja.
- Sadiq, M. K, Ogunfayo, I. K. and Balogun, M. O. [2009]: Quality Management in the production of stable and durable infrastructure in the Built Environment. 2<sup>nd</sup> Annual Conference of the School of Engineering Studies. The Federal Polytechnic, Ilaro.
- Ogunfayo, I. K. and Balogun, M. O. [2009]: Alleviating Poverty through Housing: the use of Lateritic Blocks in Construction of Houses: 5<sup>th</sup> National Conference of Women in Technical Education and Employment (WITED) at Auchi Polytechnic.
- Balogun, M. O. and Sadiq, M. K. and Ogunfayo, I. K. [2008]: Environmental Degradation: “Natural and Artificial Causes”: 1<sup>st</sup> National Conference of school of Environmental Studies.
- Soyemi O. B, Adegbesan O. O, Soyemi, J and Balogun M. O. [2008]: The Impact of ICT on the Environment in a developing Economy. 1<sup>st</sup> National Conference of School of Environmental Studies.
- Sadiq, M. K., Balogun, M. O. and Ogunfayo, I. K. [2008]: The Legislative Aspect of Environmental Degradation. 1<sup>st</sup> National Conference of School of Environmental Studies.
- Sadiq, M. K. Balogun, M. O. and Ogunfayo, I. K. [2008]: Effect of Construction and Allied Activities on the Environmental Studies.
- Sadiq, M. K., Ogunfayo, I. K. and Balogun, M. O. [2007]: Effective Realization of the Objectives of Degree Awarding Status of the Polytechnic System through Human Capital Development. 3<sup>rd</sup> ASUP National Conference. The Federal Polytechnic, Ilaro, Nigeria, as a case study. 3<sup>rd</sup> ASUP National Conference.

- Balogun, M. O. and Ogunfayo, I. K. [2007]: Wood waste Utilization in Construction Industry: 2<sup>nd</sup> ASUP National Conference, The Federal Polytechnic, Ilaro.
- Sadiq, M. K and Balogun, M. O. [2006]: Developing Entrepreneurship in Polytechnic Graduates through Structured Programmes Instruction. 1<sup>st</sup> National Conference of ASUP Federal Polytechnic, Ilaro.
- Ogunfayo, I. K. and Balogun, M. O. [2006]: The economic viability of Fan Palm Tree Trick (Borassus Acthiopun) As a Construction Material in Nigeria: A case Study of Ogun State. 1<sup>st</sup> National Conference of ASUP Federal Polytechnic, Ilaro.
- Balogun, M. O. [2000]: Effect of Aggregate variation of Laterized concrete. 1<sup>st</sup> Annual Conference of Schools of Applied Science, Engineering and Environmental Studies.

**d. Unpublished Dissertation and Thesis**

- Balogun, M. O. [2005]: A study of Laterite a substitute of Sand in Concrete.
- Sadiq, M. K. and Balogun, M. O: Introduction to concrete materials and Mix Design.
- Sadiq M. K., Ogunfayo, I. K and Balogun M. O. Essentials of Concrete Practice.
- Balogun, M. O. [1986]: Identifying Reasons why Female Students drop out of Secondary Schools in Oyo State.
- Balogun, M. O. [1981]: Design and Detailing of an under path at Kaduna Polytechnic Western Gate, Kaduna.

**10. Community Service**

- Member: The Apostolic Leslie Assembly Ilaro Building Committee
- Patron: The Apostolic Students Fellowship of Nigeria, Ilaro Chapter
- Patron: The Apostolic Church Choir, Leslie Assembly Ilaro.

**11. Extra Curricular Activities**

- Travelling
- Reading
- In door Games

## Referees

1. Engr. O. A. Osore  
Department of Mechanical Engineering,  
The Federal Polytechnic, Ilaro. Nigeria
  
2. Engr. F. A. O. Akinboboye  
Dean School of Engineering  
Department of Civil Engineering,  
The Federal Polytechnic, Ilaro. Nigeria