

DOB: 18 – 11 – 1980

Phone No: 08060869002

**CIVIL ENGINEERING DEPARTMENT
FACULTY OF ENGINEERING
UNIVERSITY OF NIGERIA, NSUKKA**

CURRICULUM VITAE

ΓΕΝΕΡΑΛ ΙΝΦΟΡΜΑΤΙΟΝ

NAME: OGUAGHAMBA, ONYEDIKACHI ALOYSIUS

ΠΛΑΧΕ ΑΝΔ ΔΑΤΕ ΟΦ ΒΙΡΤΗ: Aba, Abia State on the 18th November, 1980

ΑΓΕ (ΛΑΣΤ ΒΙΡΤΗ ΔΑΨ): 35 Years

NATIONALITY ΑΝΔ ΣΤΑΤΕ ΟΦ ΟΡΙΓΙΝ: Nigerian, Imo State

ΜΑΡΙΤΑΛ ΣΤΑΤΥΣ: Married

ΝΥΜΒΕΡ ΟΦ ΧΗΛΔΡΕΝ:: Two

ΠΡΙΜΑΡΨ, ΣΕΧΟΝΔΑΡΨ ΑΝΔ ΥΝΙΣΕΡΣΙΤΨ ΕΔΥΧΑΤΙΟΝ

- | | |
|--|-------------|
| a) Pioneer Primary School, Ogberuru, Orlu L.G.A, Imo State | 1987 – 1988 |
| b) Abayi Umuocham Primary School, Abayi, Aba, Abia State | 1989 – 1992 |
| c) Ngwa High School, Abayi, Aba, Abia State | 1993 - 1999 |
| d) Federal University of Technology, Owerri, Imo State | 2001 - 2005 |
| e) University of Nigeria, Nsukka, Enugu State | 2008 – 2009 |
| f) Federal University of Technology, Owerri, Imo State | 2011 – 2015 |

ΑΧΑΔΕΜΙΚΗ ΘΥΑΛΙΦΙΧΑΤΙΟΝΣ

- | | |
|---|------|
| a) Senior School Certificate Examination (S.S.C.E/G.C.E) | 1999 |
| b) Bachelor of Engineering Degree (B.Eng – 2nd Class Upper Division) in Structural Engineering of Civil Engineering Department, Federal University of Technology, Owerri, Imo State | 2006 |
| c) Master of Engineering Degree (M.Eng – First Class), in Structural Engineering of Civil Engineering Department University of Nigeria Nsukka, Enugu | 2009 |
| d) Doctor of Philosophy Degree (PhD) in Structural Engineering of Civil Engineering Department, Federal University of Technology, Owerri, Imo State | 2016 |

ΠΡΟΦΕΣΣΙΟΝΑΛ ΘΥΑΛΙΦΙΧΑΤΙΟΝΣ

- MEMBER**, Nigerian Society of Engineers (MNSE)
- COREN** Registered Engineer

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ΜΑΘΟΡ ΣΤΡΥΧΤΥΡΑΑ ENGINEERING ΠΡΟΘΕΤ ΧΑΡΗΕΑ ΟΥΤ

- Design and Supervision of the Construction of 20000 Capacity Outdoor Auditorium (Hero's Square, Owerri, Imo State)
Client: Imo State Government of Nigeria 2011 -2012
- Design of Hydraulic Structures for the control of Umueze-Ezuala Obizi Gully Erosion in Ezinihitte Mbaise Local Government Area of Imo State for Nigeria Erosion and Watershed Management Project (NEWMAP – World Bank Assisted)
Client: Imo State Government of Nigeria / World Bank 2012 -2015
- Design of Hydraulic Structures for the control of Umueshi Gully Erosion in Ideato South Local Government Area of Imo for Nigeria Erosion and Watershed Management Project (NEWMAP – World Bank Assisted)
Client: Imo State Government of Nigeria / World Bank 2012 -2015
- Design of Hydraulic Structures for the control of Ogberuru-Iyi Uzo Road gully erosion in Orlu Local Government Area of Imo state for Nigeria Erosion and Watershed Management Project (NEWMAP – World Bank Assisted)
Client: Imo State Government of Nigeria / World Bank 2012 -2015
- Design of Hydraulic Structures for the control of Agbaja Ngwo Gully Erosion in Enugu North Local Government Area of Enugu State for Nigeria Erosion and Watershed Management Project (NEWMAP – World Bank Assisted)
Client: Enugu State Government of Nigeria / World Bank 2012 -2013
- Design of Hydraulic Structures for the control of West Moat Ekehuan gully erosion, Egor Local Government Area of Edo State for Nigeria Erosion and Watershed Management Project (NEWMAP – World Bank Assisted)
Client: Edo State Government of Nigeria / World Bank 2012 -2014
- Design of Hydraulic Structures for the control of Erosion At Queen Ede, Ikpoba Hill, Ogbeson Community, Ikpobaokha Local Government Area, Edo State for Nigeria Erosion and Watershed Management Project (NEWMAP – World Bank Assisted)
Client: Edo State Government of Nigeria / World Bank 2012 -2014
- Design of Hydraulic Structures for the control of Auchu Gully Erosion Project, Etsako West L.G.A. of Edo North, Edo State for Nigeria Erosion and Watershed Management Project

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(NEWMAP – World Bank Assisted)

Client: Edo State Government of Nigeria / World Bank 2012 -2014

- Engineering Design and Supervisory Consultant to Four Storey Five Star Hotel Building Located At Plot H-1 Institutional and Secretariat Layout New Owerri, Imo State

Client: Cego Oil And Gas Ltd Hotel Project 2014 -2015

ΠΡΟΦΕΣΣΙΟΝΑΑ ΧΟΝΣΥΛΤΑΝΧΨ ΠΡΑΧΤΙΧΕ

ΧΟΝΣΥΛΤΑΝΤ ΗΕΑΔ, ΣΤΡΥΧΤΥΡΑΑ ΕΝΓΙΝΕΕΡΙΝΓ ΔΕΠΙΑΡΤΜΕΝΤ

LORAJ CONSULTS AND INNOVATIVE CONCEPTS LIMITED

NO. 2A ORLU ROAD, AMAKOHIA, OWERRI, IMO STATE.

NEWMAP/WORLD BANK ASSISTED PROJECTS ON EROSION CONTROL

IN IMO, EDO AND ENUGU STATES 2011 – 2015

ΧΟΝΣΥΛΤΑΝΤ ΣΤΡΥΧΤΥΡΑΑ ΕΝΓΙΝΕΕΡ

THE UDEMBA GROUP LIMITED

SCHWARTZ KRISTOFFEL ENGINEERING SERVICES NIGERIA LIMITED

PLOT 8 VIOLET YOUGH CLOSE VICTORIA ISLAND LAGOS

2014 – 2015

ΣΕΝΙΟΡ ΣΤΡΥΧΤΥΡΑΑ ΧΟΝΣΥΛΤΑΝΤ

KINGSMART NIGERIA LIMITED

PLOT 89 SITE & SERVICES, UMUGUMA, NEW OWERRI, IMO STATE

2011 – 2015

**ΣΤΡΥΧΤΥΡΑΑ ΣΙΤΕ ΣΥΠΕΡϚΙΣΟΡΨ ΕΝΓΙΝΕΕΡ ΦΟΡ ΕΑΣΤΕΡΝ ΝΙΓ
ΕΡΙΑ**

KAMPSAS ENGINEERING LIMITED

CONSULTING ENGINEERS & PROJECT MANAGERS

65, Itire Road, Surulere, Lagos

2012 – 2014

ΕΝΓΙΝΕΕΡΙΝΓ ΠΡΟΦΙΧΙΕΝΧΨ IN THE ΦΟΛΛΟΩΙΝΓ:

- ΑΥΤΟΧΑΔ – ΣΟΦΤΩΑΡΕ ΦΟΡ ΔΕΣΙΓΝ ΑΝΔ ΣΤΡΥΧΤΥΡΑΑ ΔΕΤΑΙΛΙΝΓ
- ΟΡΙΟΝ 16 –ΔΕΣΙΓΝ ΣΟΦΤΩΑΡΕ ΦΟΡ ΔΕΣΙΓΝ ΑΝΔ ΣΤΡΥΧΤΥΡΑΑ ΔΕΤΑΙΛΙΝΓ
- Χ – ΣΗΑΡΠ ΠΡΟΓΡΑΜΜΙΝΓ ΛΑΝΓΥΑΓΕ ΦΟΡ ΣΤΡΥΧΤΥΡΑΑ ΔΕΣΙΓΝ ΑΠΠΙΛΙΧΑΤΙΟΝ

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- ΕΞΕΛΕΚ ΜΙΚΡΟΣΟΦΤ ΑΠΠΛΙΧΑΤΙΟΝ ΦΟΡ ΣΤΡΥΧΤΥΡΑΛ ΔΕΣΙΓΝ, ΧΑΛΧΥΛΑΤΙΟΝ ΑΝΔ ΠΡΟΘΕΧΤ ΧΟΣΤΙΝΓ
- ΠΟΩΕΡ ΠΟΙΝΤ ΑΝΔ ΩΟΡΑ ΜΙΚΡΟΣΟΦΤ ΑΠΠΛΙΧΑΤΙΟΝ ΦΟΡ ΔΕΣΙΓΝ ΠΡΕΣΕΝΤΑΤΙΟΝ

ΑΧΑΔΕΜΙΚΑ ΡΕΣΕΑΡΧΗ ΩΟΡΚ ΧΑΡΡΙΕΔ ΟΥΤ

Ezeh J. C., Ibearugbulem, M.O., Ettu, L. O. & Oguaghamba, O. A.: Analysis of Buckling and Postbuckling Loads of Isotropic Rectangular Plates, *Doctoral Degree (PhD) Thesis in Civil Engineering, Federal University of Technology, Owerri 2015*, unpublished.

Okafor, F. O. and O. Oguaghamba: Dynamics of Orthotropic Plates with Galerkin's Method: A Case Study of Reinforced Concrete Slab, *Master Degree Thesis in Civil Engineering, University of Nigeria Nsukka, Enugu, 2009*, unpublished.

Ezeh, J. C. and O. Oguaghamba: Design of Flexible Pavement for Federal University of Technology, Owerri – From Back Gate into the Campus, *Bachelor Degree Project in Civil Engineering, Federal University of Technology, Owerri 2005*, unpublished.

ΩΟΥΡΝΑΛ ΠΥΒΛΙΧΑΤΙΟΝΣ

1. Ezeh, J. C., Ibearugbulem, M. O., Ettu, L. O., & Oguaghamba, O. A. (2015). Work principle method for elastic buckling and postbuckling behaviour of all edges simply supported thin rectangular plate. *Elixir Civil Engineering International Journal*(88), 36132 - 36136.
2. Ibearugbulem, M. O., Ezeh, J. C., Ettu, L. O., & Oguaghamba, O. A. (2015). Buckling and postbuckling strength of CSCS thin rectangular plate. *International Journal of Innovative Research & Development*, 4(11), 206 - 212.
3. Oguaghamba, O. A., Ezeh, J. C., Ibearugbulem, M. O., & Ettu, L. O. (2015). Buckling and postbuckling loads characteristics of all edges clamped thin rectangular plate. *The International Journal of Engineering And Science (IJES)*, 4(11), 55 - 61.
4. Oguaghamba, O. A., Ibearugbulem, M. O., & Mbachu, V. C. (2015). Yield stress of CCSS thin rectangular plate in postbuckling load regimes. *International Journal of Science and Research (IJSR)*, 4(11), 629 - 634.
5. Ezeh, J. C., Ibearugbulem, M. Owus, H. E. Opara, and O. A. Oguaghamba: "Characteristic Orthogonal Polynomials Application To Galerkin Indirect Variational Method For Simply Supported Plate Under In Plane Loading," *International Journal of Research in Engineering and Technology*; Volume: 03 Issue: 04 Apr, 2014, pp. 720 -725.

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6. Ezeh, J. C., Ibearugbulem, M. Owus, H. E. Opara, and O. A. Oguaghamba: “Galerkin’s Indirect Variational Method In Elastic Stability Analysis Of All Edges Clamped Thin Rectangular Flat Plates,” *International Journal of Research in Engineering and Technology*, Volume: 03 Issue: 04 Apr, 2014, pp. 674 -679.
 7. Okafor, F. O. and O. Oguaghamba: “Optimization of Flexural Strength of Palm Nut Fiber Reinforced Mortar (PFRM) Using Scheffe’s Second Order Polynomial,” *The Heartland Engineer*; Vol. 5, No. 1 September, 2010, pp. 43 – 52.
 8. Okafor, F. O. and O. Oguaghamba: “Procedure for Optimization Using Scheffe’s Models,” *The Journal of Engineering Science and Application (JESA)*, Vol. 7, No. 1 June, 2009, pp. 36 – 47.
 9. Okafor, F. O. and O. Oguaghamba: “Effects of Flexural Rigidity of Reinforcement Bars on the Fundamental Natural Frequency of Reinforced Concrete Slabs,” *Nigerian Journal of Technology*; Vol. 28 No. 2, September, 2009, pp. 48 – 57.
 10. Ibearugbulem, O. M., Oguaghamba, O. A., Njoku, K. O., and Nwaokeorie, M. (2014, September). Using Line Continuum to Explain Work Principle Method for Structural Continuum Analysis. *International Journal of Innovative Research and Development*, 3(9), 365 - 370.
 11. Osadebe, N. N., Nwokike, V. C., & Oguaghamba, O. A. (2016, July). Stability analysis of SSSS thin rectangular plate using multi –degrees of freedom Taylor Maclaurin’s series in Galerkin’s variational method. *Nigerian Journal of Technology (NIJOTECH)*, 35(No. 3).
- **ACADEMIC PEER REVIEWER OF THE NIGERIAN JOURNAL OF TECHNOLOGY (NIJOTECH)**

2016 – TILL DATE

ΕΜΠΛΟΥΣΜΕΝΤ/ΠΡΟΦΕΣΣΙΟΝΑΛ ΕΞΠΕΡΙΕΝΧΕ ΙΝ ΗΙΗ ΙΝΣΤΙΤΥΤΙΟΝΣ

- Lecturer II, Civil Engineering Department
University of Nigeria, Nsukka, Enugu State 2016 – Till date
- Lecturer II, Civil Engineering Department
Imo State University, Owerri, Imo State 2012 – 2016
- Lecturer II, Civil Engineering Department
Imo State University, Owerri, Imo State 2012 – 2016
- Assistant Lecturer, Civil Engineering Department
Imo State University, Owerri, Imo State 2010 – 2012
- Assistant Lecturer, Civil Engineering Department
Federal Polytechnic Idah, Kogi State. 2006 – 2007

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**ΑΔΜΙΝΙΣΤΡΑΤΙCΕ ΕΞΠΕΡΙΕΝCΕ ΑΝΔ ΑΠΠΟΙΝΤΜΕΝΤ ΑΤ ΙΜΟ ΣΤΑΤΕ ΥΝΙCΕΡCΙ
ΤΨ**

University Central Examination Committee Member	2013 – till date
Faculty of Engineering Journal Committee Member	2012 – till date
Association of Civil Engineering Students, ACENS Officer	2014 – till date
Civil Engineering Department Examination Officer	2014 – till date
100 and 400 Levels Civil Engineering Students Course Adviser	2014 – till date

**ΑΔΜΙΝΙΣΤΡΑΤΙCΕ ΕΞΠΕΡΙΕΝCΕ ΑΝΔ ΑΠΠΟΙΝΤΜΕΝΤ ΑΤ ΥΝΙCΕΡCΙΤΨ ΝΙΓΕΡΙΑ
ΝCΥΚΚΑ**

Civil Engineering Department NUC Accreditation Committee Member	2016 – till date
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ΜΕΡΙΤΟΡΙΟΥC ΕΝΓΙΝΕΕΡΙΝΓ ΑΩΑΡΑ ΩΟΝ

- 2007 Best Corps Member Meritorious Award, Association of Civil Engineering Students, ACENS, Federal Polytechnic Idah, Kogi State. 2007
- 2011/2012 Lecturer of the Year Award, Nigerian Universities Engineering Students Association NUESA, Imo State University, Owerri, Imo State. 2012
- 2012/2013 Most Intelligent Lecturer in Engineering Meritorious Award, Society of Mechanical Engineering Students, Imo State University, Owerri, Imo State. 2013
- 2012/2013 Most Dedicated Lecturer in Engineering Meritorious Award, Agricultural Engineering Students' Association, Imo State University, Owerri, Imo State. 2013

ΝΑΜΕC ΑΝΔ ΑΔΔΡΕCCΕC ΟΦ ΡΕΦΕΡΕΕC

- 1) **Engr. Dr. J. C. Ezeh,**
Head, Civil Engineering Department,
School of Engineering and Engineering Technology,
Federal University of Technology, Owerri, Imo State, Nigeria
- 2) **Engr. Dr. O. M. Ibearugbulem**
Civil Engineering Department,
School of Engineering and Engineering Technology,
Federal University of Technology, Owerri, Imo State, Nigeria
- 3) **Engr. Prof. F. O. Okafor,**
Head, Civil Engineering Department
Faculty of Engineering,
University of Nigeria, Nsukka, Enugu State, Nigeria

**CIVIL ENGINEERING DEPARTMENT
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UNIVERSITY OF NIGERIA, NSUKKA**

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Biography

Oguaghamba Onyedikachi Aloysius is a lecturer in the Department of Civil Engineering, University of Nigeria, Nsukka, where he is a member of the Structural Engineering group. He completed his PhD in November 2015 in Structural Engineering of the Civil Engineering Department on topic titled “Buckling and Post Buckling Analysis of Isotropic Rectangular Thin Plates” at Federal University of Technology, Owerri. He received his M.Eng degree from the University of Nigeria, Nsukka in 2009. Originally from Federal University of Technology, Owerri, he obtained his undergraduate degree in 2006. He worked as an engineer with Liz Construction Company from 2006 to 2009, Vast International from 2008 to 2009, etc. He has authored or co-authored more than eleven journal papers on reliability, sensitivity, and optimization analysis applied to civil engineering problems. His teaching experience started in 2006 at Federal Polytechnic, Idah; as an assistant lecturer during his one year mandatory NYSC program. In 2010, he joined Imo State University, Owerri as an assistant lecturer and later was promoted to Lecturer II in 2012. He joined University of Nigeria, Nsukka in 2016 after six year sojourn at the Imo state university. Engr Dr. Oguaghamba Onyedikachi has received several teaching awards, and he is the recipient of a best-lecturer award 2013 from NUESA, Imo State University, Owerri. He is a registered Professional Engineer with Council for the Regulation of Engineering in Nigeria and a member of Nigeria Society of Engineers and numerous scholarly committees. He is the consultant head of structural department for Loraj Consult and Innovations Limited. Engr Dr. Oguaghamba Onyedikachi is happily married with two kids.