

CURRICULUM VITAE

of

(ONAH, Hyginus Nwankwo (B.Engr, M.Engr, Ph.D., MNSE)



PERSONAL DATA

NAME: Hyginus Nwankwo Onah
DATE & PLACE OF BIRTH: 4th May, 1959 at Orba in Udenu L.G.A of Enugu State
MARITAL STATUES: Married with children
ADDRESS: Department of Civil Engineering University of Nigeria, Nsukka
E-MAIL: hyginus.onah@unn.edu.ng
PHONE NUMBER: 08063391007

ACADEMIC QUALIFICATIONS:

- a) Ph.D. in Structural Mechanics (1994) at Conservatoire National des Arts et Metierrs Paris, France
- b) M.Engr. in Civil Engineering Materials and Structures (1989) at Institute National des Sciences Appliques Lyon, France
- c) B.Engr. in Civil Engineering (1983) with Second class (Hons) Upper Division at University of Nigeria Nsukka.
- d) WASC with Division one Distinction (1977).

POSTGRADUATE EXPERIENCE

Acquire Working Experience both in Nigeria and Abroad (France, Italy)

1996 – Date Lecturer in Civil Engineering Department University of Nigeria, Nsukka.

- i. Teaching structures, materials, engineering mathematics and computer methods in engineering for postgraduate and undergraduate students.
- ii. Served in the various capacities of Department and University Committees.

2001 – 2003

Consultant to Federal Government of Nigeria in building class room blocks for Universal Basic Education (UBE)

- i. Supervision of construction of class blocks with office, store and V.I.P. toilet. In Local Government in Enugu State.

1994 – 1995

Consultant to BECCHIS Osiride at Torino, Italy

- i. Supervision and Training of Technicians/Engineers at FAIT Motor Manufacturing Company/BECCHIS Osiride Group of PIAFEL Italy
- ii. In charge of Testing and Quality Control of the production of damping materials for car parts.

1991 – 1994

Activities as Researcher/Engineer

- i. Worked as laboratory engineer for teaching of practical's in Acoustics, vibrations and materials for the undergraduate Engineers at ISMCM Paris, France
- ii. Six months research trip to Department of Engineering University of Manchester England where I participated in research activity involving analysis and design of damping materials to control vibration.
- iii. Ph.D. research activity in Structural Mechanics at CNAM Paris, France

1989 – 1991

Worked as Analyst Engineer with RENAULT Motor Manufacturing Company, Rueil-Malmaison Paris, France.

Involved in Analysis and preparation of Engineering Design where I developed computer software for the design of car bodies to control vibrations.

1984 – 1987

Worked with Interkel (Nig.) Limited Lagos

As site Engineer for the construction of office and Residential houses in and around Lagos Metropolitan

1983 – 1984

Worked with Upper Benue Rivers Basin Development Authority Yola (Nigeria)

As assistant engineer (NYSC) for the construction of Kura Dam at Kura near Wukari for Agricultural irrigation

PROFESSIONAL QUALIFICATION:

- i.** Member Nigerian Society of Engineers (MNSE)
- ii.** Certificate of French Language proficiency June 1987
- iii.** Certificate of Auto-CAD 2000

PUBLICATION:

1. **Ike, Charles Chinwuba and Onah Hyginus (2008):** Analytical Solution of Hydrodynamic Pressure on concrete gravity dams. *Proceeding of International conference on sustainable development*. Vol.3 No5.
2. **Ike, Charles Chinwuba and Onah, Hyginus (2009):** Classical Analysis of the Periods of Free Vibration on Multistorey Framed Buildings. *International Journal of Civil Engineering Vol 1. No. 1*
3. **Ike, Charles Chinwuba and Onah, Hyginus (2009):** A simplified Analytical Solution for dynamic stresses in slabs of concrete faced Rockfill (CFR) Dams. *Proceeding of third International Conference on Scientific and industrial studies*. Vol 3 No 3
4. **Ike, Charles Chinwuba, Onah, Hyginus, and Nwoji, C.U. (2009):** A simplifc energy method for the natural frequency of radial pulsation of cylindrical water reservoirs. *Proceeding of International conference on scientific and industrial studies*. Vol 3 No 4
5. **H.N. Onah (2012):** Different element methods in engineering practice. *Nigerian Journal of Technology*. Vol. 31, No 3, pp 288-292

CONFERENCES:

1. **Ike, Charles Chinwuba and Onah Hyginus (2008):** Analytical Solution of Hydrodynamic Pressure on concrete gravity dams. Presented at the second international conference on Sustainable Development held at the Niger Hall CEC, University of Nigeria, Nsukka 5-8 August, 2008.

2. **Ike, Charles Chinwuba and Onah, Hyginus (2009):** Classical Analysis of the Periods of Free Vibration on Multistorey Framed Buildings. Presented at the third International Conference on Development Studies held at the Faculty of Engineering Board Room, University of Benin, Nigeria.
3. **Ike, Charles Chinwuba and Onah, Hyginus (2009):** Classical Analysis of the Periods of Free Vibration on Multistorey Framed Buildings. Presented at the third International Conference on Development Studies held at the Faculty of Engineering Board Room, University of Benin, Nigeria.