

# CURRICULUM VITAE

## 01. PERSONAL

- (i) Name in Full: NKESHITA Fidelis Chukwumah
- (ii) Date of Birth: 12<sup>th</sup> January, 1977
- (iii) Place of Birth: Kano
- (iv) Age: 44 years
- (v) Sex: Male
- (vi) Marital Status: Single
- (vii) Nationality: Nigerian
- (viii) Town and State of Origin: Asaba/ Delta state
- (ix) Contact Address: Dept. of Civil Engineering, College of Engineering,  
Federal University of Agriculture, Abeokuta
- (x) Phone Number: 08061362244, 08024540031
- (xi) E-mail Address: [chufid@yahoo.com](mailto:chufid@yahoo.com), [nkeshitafc@funaab.edu.ng](mailto:nkeshitafc@funaab.edu.ng)
- (xii) Present Post and Salary: Lecturer II / N1,678,709.52
- (xiii) Post on Promotion: Lecturer I

## 02. EDUCATIONAL BACKGROUND

- (i) Educational Institutions Attended with dates
  - a. University of Ibadan. 2014 - 2016
  - b. Ahmadu Bello University, Zaria 1998 – 2004
  - c. National Water Resources Institute, Mando, Kaduna 1995 - 1997
  - d. Capital School, Kaduna 1991 - 1993
- (ii) Academic and Professional Qualifications with dates
  - a. M.Sc. Civil Engineering (Public Health and Environmental Engineering) 2016
  - b. B.Eng. (Water Resources and Environmental Engineering) 2004
  - c. N.D. Civil Engineering 1997

## 03. WORK EXPERIENCE

### Present Employment

Federal University of Agriculture, Abeokuta  
Lecturer II (Water Resources and Environmental Engineering) September 27<sup>th</sup>, 2017 till date.

### Professional

Technologist, Federal University of Agriculture, Abeokuta 2010 - 2017  
Field Engineer, Pacific Consultants, Uyo 2007 – 2010

### Teaching Work Load

#### (i) Contact Time (Hour)

S/no	Course	Units	2017/2018		2018/2019		2019/2020	
			No. of students	Point	No. of students	Point	No. of students	Point
1.	Engineers in society (CVE 201)	1	212	1	214	1	252	1
2.	Strength of materials (CVE 202)	2			352	1		

3.	Hydraulics (CVE 304)						145	1.5
4.	Civil Engineering Drawing (CVE 324)	2	38	2	32	1		
5.	Civil Engineering practice (CVE 403)	2	40	1	38	1	32	1
6.	Embankment dam Engineering (CVE 513)	3	12	1.5	7	1.5	14	1.5
7.	Waste Management Engineering (CVE 516)						67	1.5
	Total Points			5.5		5.5		6.5
	Cumulative for 3 years	17.5						

**Average = 5.83**

### Teaching Work Load

#### (ii) Class Size

S/no	Course	Units	2017/2018		2018/2019		2019/2020	
			No. of students	Point	No. of students	Point	No. of students	Point
1.	Engineers in society (CVE 201)	1	212	2	214	2	252	2
2.	Strength of materials (CVE 202)	2			352	2		
3.	Hydraulics (CVE 304)						145	1
4.	Civil Engineering Drawing (CVE 324)	2	38	0.5	32	0.5		
5.	Civil Engineering practice (CVE 403)	2	40	0.5	38	0.5	32	0.5
6.	Embankment dam Engineering (CVE 513)	3	12	0.5	7	0.5	14	0.5
7.	Waste Management Engineering (CVE 516)						67	1
	Total Points			3.5		5.5		5
	Cumulative for 3 years	14						

**Average = 4.67**

#### 04. SPECIAL ASSIGNMENTS/COMMUNITY SERVICE

- i. Member, College Committee on Examination Results (COCER) (2019 till date)
- ii. Secretary, Academic Board, Department of Civil Engineering (2018 till date)
- iii. College Representative (Engineering), Time Table and Examination Committee (TIMTEC) (2018 till date)
- iv. Member, COLENG College Board, FUNAAB (2017 till date)
- v. Youth Coordinator, VLBC Abundant Life Chapel, Kotopo, Abeokuta, Ogun State (2021).

- vi. Officiating Minister, VLBC Abundant Life Chapel, Kotopo, Abeokuta, Ogun State (2021).
- 05. TRAINING PROGRAMME ATTENDED** (with dates)
- i. A Three-Day Academic Retreat on University Ethics, Pedagogy and Examination Matters, 21<sup>st</sup> – 23<sup>rd</sup> June, 2021.
  - ii. Issues of Irregularity in University approved Examination Results. 3<sup>rd</sup> October, 2019.
  - iii. Research Grant Sourcing and Proposal Writing organized by the Federal University of Agriculture, Abeokuta, Nigeria. October, 2018.
- 06. COMMENDATION**
- i. Commended on the repairs of FUNAAB-Camp road by the Vice Chancellor, FUNAAB, 2014.
- 07. MEMBERSHIP OF PROFESSIONAL BODIES**
- (i) Registered member, Council for the Regulation of Engineering In Nigeria (COREN) **R.32843**
  - (ii) Corporate Member, Nigerian Society of Engineers, MNSE (Environment Division) **No. 29409**
- 08. RESEARCH INTEREST OR COMMISSIONED PROJECTS**
- (i) **Completed**
    1. Decadal Trend Analysis of Temperature In South-South Region Of Nigeria (2005 - 2015).
    2. The assessment of water, sanitation, and hygiene (WASH) in public secondary schools in Ijebu Ode, Ogun state. South-west Nigeria.
    3. A Comparative Assessment of the Ogun and Oshun Rivers South-western Nigeria for Irrigation Purpose.
    4. Rainfall Forecasting For Odeda, South-western Nigeria Using an ARIMA Time Series Model.
  - (ii) **In progress**
    1. Treatment of textile wastewater using *Limnocharis Flavia* on horizontal sub-surface flow constructed wetlands.
    2. Application of response surface methods using palm kernel sourced biochar for abattoir wastewater treatment.
    3. Application of Box-Benkhen design of experiments for the action of biochar from palm kernel shells for the treatment of wastewater from paint industry.
    4. Development of a microbial fuel for wastewater treatment using locally produced electrode materials.
    5. Multivariate statistical analysis of groundwater quality in Obafemi-Owode, Ogun, Nigeria.
    6. Trend Analysis of Mean Monthly Temperature for Abeokuta, Nigeria.
- 09. PUBLICATIONS**
- i. **Nkeshita, F.C. (2016).** An Assessment of Water Quality using Water Quality Index and GIS in Odeda, South-western Nigeria. University of Ibadan. M.Sc. Dissertation (69 pages).
  - ii. **Nkeshita, F.C. (2004).** Assessment of Sanitary Services in a semi-urban Town: A Case-study of Samaru, Zaria. Ahmadu Bello University, Zaria. B.Eng project (88 pages) .
- Journal Articles in Print:**
1. **Nkeshita, F.C.** Gbadewole, O., Adekunle, A.A. & Alayaki, F.M. (2021): "Heavy Metal Pollution and Ecological Risk Assessment of Sludge Deposits from Selected Wastewater Treatment Plants in Lagos, Nigeria. *Journal Of Science Technology And Education*. 9 (2): 293-299. Published by Faculty of Technology Education, Abubakar Tafawa Balewa University Bauchi. Available online at <http://www.atbuftejoste.com/index.php/joste/article/view/1306>.
  2. **Nkeshita, F.C.,** Adekunle, A.A. & Abegunrin, A. (2021): Prediction of Indoor Total Volatile Organic Compound in a University Hostel Using a Neural Network Model. *Nigerian Journal of Technology*. 40 (2): 186-190. Published by Faculty of Engineering, University of Nigeria, Nsukka Available online at <https://www.nijotech.com/index.php/nijotech/article/view/2482>.

- <sup>F3</sup>. **Nkeshita, F.C.**, Adekunle, A.A., Onaneye, R.B., Yusuf, O. (2020): Removal of Pollutants From Abattoir Wastewater Using A Pilot-Scale Bamboo Constructed Wetland System. *Environmental Engineering-Inženjerstvo okoliša*, 7 (2): 70-74, Published by the Faculty of Geotechnical Engineering, University of Zagreb, Croatia. Available online at <https://hrcak.srce.hr/247262> (Non-scopus).
- <sup>F4</sup>. Adekunle, A.A., Badejo, A.A., Opafola, O.T., Bada, B.S. & **Nkeshita, F.C.** (2017): “Estimation of Water Requirements of Selected Field Crops in South-West and South-East Nigeria.” *Journal of Agriculture and Sustainability*. 10 (2); 172–186, Published by Infinity Press. Available online at <http://infinitypress.info/index.php/jas/article/view/1578> (Non-scopus).
5. **Nkeshita, F.C.**, Oronti, B., Adekunle, A.A. & Badejo, A. A. (2016): “Microbial Fuel Cell Technology: Prospects for wastewater treatment and tackling electricity challenges in Nigeria.” *LAUTECH Journal of Engineering and Technology*. 10 (2); 53-57, Published by Faculty of Engineering and Technology, Ladoke Akintola University of Technology, Ogbomosho, Nigeria. Available online at <https://laujet.com/index.php/laujet/article/view/31>.
6. **Nkeshita, F.C.**, Adekunle, A. & Badejo, A (2016): “Ground water quality assessment using water quality Index in some parts of Odeda, South-western Nigeria. “*LAUTECH Journal of Engineering and Technology*”. 10 (2); 64-72. Published by Faculty of Engineering and Technology, Ladoke Akintola University of Technology, Ogbomosho, Nigeria. Available online at <https://laujet.com/index.php/laujet/article/view/37>.

(ii) **Journal Articles Accepted for Publication:**

7. **Nkeshita, F.C.**, Adekunle, A.A., Owosho, S.S. and Adewale, A.A. Forecasting Daily Confirmed Cases of Covid-19 in Nigeria as a Public Health Tool Using an ARIMA Model. *Premier Journal of Engineering and Applied Sciences*. Published the Nigerian Society of Engineers, Ibadan Branch. (Letter of Acceptance dated August 22, 2021).
8. Adekunle, A. A. and **Nkeshita, F. C.** Decadal Trend Analysis of Temperature in South-South Region of Nigeria (2005 – 2015). *Journal of Science, Technology, Mathematics and Education (JOSTMED)*. Published by the Department of Science Education, School of Science and Science Education. Federal University of Technology, Minna, Nigeria (Letter of Acceptance dated August 6, 2021).
9. Adekunle, A.A., **Nkeshita, F.C.**, Owosho, S.S. and Igba, U.T. Modeling Indoor formaldehyde Exposure In A University Hostel Building Using Artificial Neural Networks. *Journal of Civil Engineering*. Published by the Nigerian Institution of Civil Engineers (NICE). (Letter of Acceptance dated August 3, 2021).
- <sup>F10</sup>. **Nkeshita, F.C.**, Adekunle, A. A. , and Adebayo, A. Chemical Analysis of Water Sourced From Odo Ona River, Ibadan, South-western Nigeria. *Journal of Engineering Studies and Research*. Published by the Engineering Faculty, University of Bacau, Romania. (Letter of Acceptance dated April 12, 2021) (Non-scopus).
- <sup>F11</sup>. Adekunle A.A., **Nkeshita, F.C.** and Akinsanya, A.: Influence of Leachates On Geotechnical and Geochemical Properties of Termite Mound Soils. *Environmental Engineering-Inženjerstvo okoliša*. Published by the Faculty of Geotechnical Engineering, University of Zagreb, Croatia. (Letter of Acceptance dated November 6, 2020) (Non-scopus).

**Conference Proceedings**

12. **Nkeshita, F.C.**, Adie, D.B., Adekunle, A.A., Igba, T., and Owosho, S.S. (2021): Monthly Rainfall Forecast for Jos Metropolis, Nigeria Using A SARIMA Method. *Proceedings Of The 3rd International Conference On Engineering Innovations As A Catalyst For Rapid Economic Growth Tagged COLENG 2021, Federal University Of Agriculture, Abeokuta, Nigeria*. S.O. Ismaila and Dairo, O.U. (Eds.) 505-515. Published by the College of Engineering, Federal University Of Agriculture, Abeokuta, Nigeria.

13. **Nkeshita, F.C.**, Adekunle, A.A, Adewale, A.A., Shobola O. M, and Talabi S. O. (2021): Evaluation of Heavy Metal Pollution and Ecological Risk Indices of an Urban Highway: A Case Study of Abeokuta-Ibadan Road. *Proceedings Of The 3rd International Conference On Engineering Innovations As A Catalyst For Rapid Economic Growth Tagged COLENG 2021, Federal University Of Agriculture, Abeokuta, Nigeria*. S.O. Ismaila and Dairo, O.U. (Eds.) 516-523. Published by the College of Engineering, Federal University Of Agriculture, Abeokuta, Nigeria.
14. Owosho, S.S., **Nkeshita, F.C**, Adekunle, A.A., and Igba, U.T., (2021): Rainfall Forecasting For Abeokuta, South-western Nigeria Using Artificial Neural Networks. *Proceedings Of The 3rd International Conference On Engineering Innovations As A Catalyst For Rapid Economic Growth Tagged COLENG 2021, Federal University Of Agriculture, Abeokuta, Nigeria*. S.O. Ismaila and Dairo, O.U. (Eds.) 241-244. Published by the College of Engineering, Federal University Of Agriculture, Abeokuta, Nigeria.

(Note: F= Foreign)

**11. INFORMATION ON FELLOWSHIP, MASTER’S PROJECTS AND PH.D. THESIS SUPERVISED:**

**12. EXTRA CURRICULA ACTIVITIES**

Reading, Chess, Scrabble and Motivational Talk

**13. REFEREES**

Engr. Prof. J.K. Adewumi,  
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1<sup>st</sup> September, 2021

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**Signature**

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**Date**