NATIONAL OPEN UNIVERSITY OF NIGERIA
Academic Profile Information for Vivian Ogochukwu Nwaocha

Personal Information	

Profile information
(Maximum 250 word)

Vivian Ogochukwu Nwaocha is a Senior Lecturer and currently the Head of the Department of Computer Science at the National Open University of Nigeria. She holds a PhD in Computer Science, MSc. in Computer Science, PGD in Computer Engineering and a B.Eng. in Metallurgical and Materials Engineering. She joined the National Open University of Nigeria in 2008, and has served in various capacities within the institution. Vivian coordinates postgraduate programmes in Cyber Security and is a Research Team Leader for Cyber Security at the Africa Centre of Excellence on Technology Enhanced Learning. She has equally coordinated and facilitated several capacity building initiatives on different aspects of Information and Communications Technology at the Digital Bridge Institute and the Enugu State University of Science and Technology.

Her research interests are information security and intelligent systems. She equally has a keen interest in inclusive distance learning through assistive technologies. A good number of research papers authored by Vivian have been published in various local and international journals. She has equally written a number of books which are accessible online. Vivian has participated in several community development and leadership projects in Nigeria and beyond. She currently serves as the Faculty Representative for Oracle Academy as well as Editor and Reviewer for various international journals and has chaired a number of sessions in conferences. She is a member of Computer Professionals Registration Council of Nigeria, Nigeria Computer Society, Prolearn Academy, elearning Europe and several international professional and scientific association.

Title *(e.g., Professor, Dr., Mr.)*	Dr.
Name	Vivian Ogochukwu Nwaocha
Position *(e.g., Lecturer I)*	Senior Lecturer
Date of Appointment	5th February, 2018
E-mail address *(e.g.,yy@noun.edu.ng)*	onwaocha@noun.edu.ng
Official phone	+234 7033157862
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Personal Webpage	
Useful links *(e.g., ResearchGate, Academia.edu, LinkedIn)*	http://www.nounacademics.net/content/dr-vivian-ogochukwu-nwaocha https://ng.linkedin.com/in/vivian-ogochukwu-nwaocha-78190b13
Faculty Details	
Faculty	Sciences
Department	Computer Science
Unit	

Office location *(e.g., Abuja HQ, Senate Building Room 2.1)*	Abuja Headquarters
Responsibilities	- Coordination of programmes in computer and liformation technology - Coordination and facilitation of courses - Coordination and supervision of projects - Preparation and supervision of assignments and examination questions - Research and publication - Course material development

Educational Background

- PhD Computer Science
- MSc Computer Science
- PGD Computer Engineering
- BEng Met and Mats Engineering
- Senior Secondary School Certificate

Research Areas

- Inclusive distance learning through assistive technologies
- Gamified mobile learning
- Mobile adhoc network and ioT security
- Intelligent systems

Publications (APA Format)

- **Nwaocha, V. O. (2014).** *Incorporating ICTs in Schools for Effective Education: Challenges and Prospects*: ICTs and the Millennium Development Goals. Springer, **pp. 127-137.**

- **Nwaocha, V. O.** (2017). Upgrading the Performance of Anomaly-Based Intrusion Detection Systems. Proceedings of the Faculty of Sciences Annual Seminar held at the National Open University of Nigeria, from June, 2017.

- **Nwaocha, V. O.** (2013) Mobile Learning: Potential Enabler of Open and Distance Learning in Sub-Saharan Africa. PCF - Commonwealth of Learning. Proceedings of the 7th Pan-Commonwealth forum on Open Learning (PCF7), Abuja, Nigeria, 2-6 December, 2013. Retrieved from: http://oasis.col.org/handle/11599/1944

- **Nwaocha, V. O.** (2012). Building a Viable Solution for Curbing Identity Fraud. Proceedings of the 4th International Conference on ICT for Africa, Makarere University, Kampala, Ugamda 21 – 24, March, 2012

- **Nwaocha, V. O.** (2012). Promoting Biotechnology Education in Nigeria: A Virtual Laboratory approach. Proceedings of the 25th Annual Conference of the Biotechnology Society of Nigeria, Abuja, Nigeria.

- **Nwaocha, V. O.** (2011). Building a Secure Web Banking Platform. Proceedings of the International Conference on ICT for Africa, Covenant University, Ota, Ogun State, Nigeria, from 23-26 Mach, 2011.

- **Nwaocha, V. O.** (2010) *SMS-Based Mobile Learning System: A Veritable Tool for English Language Education in Rural Nigeria* Proceedings of IPID Postgraduate Strand at ICTD, London, 13 December 2010. Retrieved from: kau.diva-portal.org/smash/get/diva2:425814/FULLTEXT01

- **Nwaocha, V. O. and Inyiama H.C.** (*2010*). *"Boosting Students Knowledge by Incorporating an Affective Knowledge into Intelligent Tutoring Systems"*. *Proceedings of the* World Conference on Educational Multimedia, Hypermedia and Telecommunication **(ED-MEDIA-2010), Canada.** Retrieved from:

https://www.learntechlib.org/primary/p/35225

- **Nwaocha, V.O. and Inyiama H.C.** (*2010). "Facilitating Intelligent Tutoring Systems Development by Teachers". Proceedings of the* International Conference on Information Technology and Teacher Education. **(SITE) San Diego, California.** Retrieved from: https://www.learntechlib.org/p/33712/

- **Nwaocha, V. O.** (2008). *Using Internet Technologies to Combat Corruption in Public Trust'. Proceedings of the* 22nd National Conference on Sustainable National Development (ENCITDEV-2008).

- **Nwaocha, V. O. and Inyiama, H.C. (2008). "***Open and Distance Learning: A Successful Implementation in Nigeria". Proceedings of the* **2nd International Conference on Open and Distance Learning for Sustainable Development (ACDE).**

Professional activities (if applicable)

- *Served as co-chair at the International Conference on Information Technology and Teacher Education. (SITE) San Diego, California (2010)*
- *Served as co-chair at the* ICT for Development Conference (ICT4D, 2010), at the Roya Holloway, University of London.
- *Member, Computer Professionals Registration Council of Nigeria,*
- *Member, Nigeria Computer Society*
- Member Association for the Advancement of Computing in Education
- Member British Educational Research Association
- *Member elearning Europe*

Conferences attended (with Title of paper presented)

- Participated in the Pan-Commonwealth Forum on Open Learning (PCF7) held in Abuja, Nigeria from 2–6 December 2013. **Paper**: Nwaocha, V. O. (2013) Mobile Learning: Potential Enabler of Open and Distance Learning in Sub-Saharan Africa.

- Participated in the International Conference on ICT for Africa, at the Makarere University, Kampala, Ugamda   21 – 24, March, 2012. **Paper**: **Nwaocha, V. O.** (2012). Building a Viable Solution for Curbing Identity Fraud. Proceedings of the 4th International Conference on ICT for Africa, Makarere University, Kampala, Uganda, 21 – 24, March, 2012

- Participated in the 25th Annual Conference of the Biotechnology Society of Nigeria, Abuja, Nigeria. **Paper**: **Nwaocha, V. O**. (2012). Promoting Biotechnology Education in Nigeria: A Virtual Laboratory approach. Proceedings of the 25th Annual Conference of the Biotechnology Society of Nigeria, Abuja, Nigeria.

- Participated in the International Conference on ICT for Africa, Covenant University, Ota, Ogun State, Nigeria. **Paper: Nwaocha, V. O**. (2011). Building a Secure Web Banking Platform. Proceedings of the International Conference on ICT for Africa, Covenant University, Ota, Ogun State, Nigeria, from 23-26 Mach, 2011.

- Participated in the ICT for Development Conference at the Royal Holloway, University of London. **Paper: Nwaocha, V. O**. (2010) *SMS-Based Mobile Learning System: A Veritable Tool for English Language Education in Rural Nigeria* Proceedings of IPID Postgraduate Strand at ICTD,   London, 13 December 2010. Retrieved from: kau.diva-portal.org/smash/get/diva2:425814/FULLTEXT01

- *Participated in the* World Conference on Educational Multimedia, Hypermedia and Telecommunication **(ED-MEDIA-2010), Canada. Paper: Nwaocha, V. O. and Inyiama H.C.** (*2010). "Boosting Students Knowledge by Incorporating an Affective Knowledge into Intelligent Tutoring Systems". Proceedings of the* World Conference on Educational Multimedia, Hypermedia and Telecommunication **(ED-MEDIA-2010), Canada.** Retrieved from: https://www.learntechlib.org/primary/p/35225

- *Participated in the* International Conference on Information Technology and Teacher Education. **(SITE) San Diego, California. Nwaocha, V.O. and Inyiama H.C.** (*2010). "Facilitating Intelligent Tutoring Systems Development by Teachers". Proceedings of the* International Conference on Information Technology and Teacher Education. **(SITE) San Diego, California.** Retrieved from: https://www.learntechlib.org/p/33712/

- *Participated in the* 22nd National Conference on Sustainable National Development (ENCITDEV-2008). **Paper: Nwaocha, V. O.** (2008). *Using Internet Technologies to Combat Corruption in Public Trust'. Proceedings of the* 22nd National Conference on Sustainable National Development (ENCITDEV-2008).

- *Participated in the* **2nd International Conference on Open and Distance Learning for Sustainable Development (ACDE). Paper: Nwaocha, V. O. and Inyiama, H.C. (2008). "***Open and Distance Learning: A Successful Implementation in Nigeria". Proceedings of the* **2nd International Conference on Open and Distance Learning for Sustainable Development (ACDE).**

Grants and Awards

- Scholarship award for the International Conference of the Nigerian Computer Society
- on Managing Global Challenges   July, 2009
- Scholarship award for the Instructional and Educational Technologies Conference of Africa (IETCA) Scholarship award in Accra, Ghana   August, 2009
- SPARC Europe Award for Outstanding Achievements in Scholarly Communication
- 2010.
- eLearning Africa Scholarship programme at eLearning Africa Conference in Lusaka, Zambia   May, 2010
- UNESCO Scholarship award for the ICT for Development Conference at the Royal Holloway, University of London.   December, 2010
- eLearning Africa Scholarship programme at eLearning Africa Conference in Cotonou, Benin Republic,   May, 2012
- NOUN I-Learn Award for Achievements in Facilitating and Training on the NOUN-Portal.   2014.
- 2nd Position Academic Award in Research/Publication of the Year - 2017.