CURRICULUM VITAE

01. **PERSONAL**

(i)	**NAME:**	VINCENT Olufunke Rebecca
(ii)	**DATE OF BIRTH:**	13th November, 1973
(iii)	**PLACE OF BIRTH:**	Abeokuta
(iv)	**AGE:**	47 years
(v)	**SEX:**	Female
(vi)	**MARITAL STATUS:**	Married
(vii)	**NATIONALITY:**	Nigerian
(viii)	**TOWN AND STATE OF ORIGIN:**	Ipoti, Ekiti State
(ix)	**CONTACT ADDRESS:**	Department of Computer Science, Federal University of Agriculture, P. M. B. 2240, Abeokuta, Ogun State, Nigeria
(x)	**PHONE NUMBER:**	234-7037832842
(xi)	**E-MAIL ADDRESS:**	vincent.rebecca@gmail.com vincentor@funaab.edu.ng
(xii)	**PRESENT POST AND SALARY:**	Professor and CONUASS 07

02. <u>**EDUCATIONAL BACKGROUND**</u>

(A) **EDUCATIONAL INSTITUTIONS ATTENDED (WITH DATES)**

(i)	Federal University of Agriculture, Abeokuta	2005 – 2010
(ii)	Federal University of Agriculture, Abeokuta	2002 – 2005
(iii)	Federal University of Agriculture, Abeokuta	1997 – 2000
(iv)	Federal College of Education, Abeokuta	1993 – 1996
(v)	Premier Grammar School, Abeokuta	1985 – 1991.

(B) **ACADEMIC AND PROFESSIONAL QUALIFICATIONS (WITH DATES)**

(i)	Ph.D. (Computer Science)	-	2010
(ii)	M.Sc. (Computer Science)	-	2005
(iii)	B.Sc. (Hons) Mathematical Sciences (Computer Science Option)	-	2000
(iv)	N. C. E., Integrated Science (Double Major)	-	1996
(v)	Senior School Certificate in Education (S.S.C.E)	-	1991

(C) **PRIZES, HONOURS, SCHOLARSHIP, NATIONAL AND INTERNATIONAL RECOGNITION**

(i) **NATIONAL AND INTERNATIONAL RECOGNITION**
(a)   A Ph.D. Research Fellow of Computational Intelligence Group, Institute of Informatics, Clausthal University of Technology. – 1 year Study and Research fellowship at University of Technology, Clausthal-Zellerfeld, Germany. From 7th June, 2008 to 16th of April, 2009. Supervised by Prof. Dr. Jurgen Dix.
(b) Post-Doctoral Research Fellow, Department of Computer Science and Mechanical Engineering, Faculty of Mathematics, Clausthal University of Technology, Clausthal-Zellerfeld Germany, under the aegies of TWAS-DFG Cooperation Visits Programme for Scientists from Sub-Saharan Africa (2014). From 1st of Oct. to 31st of Dec., 2014.
(c) Google Scholar Award, 2015. Ranking Web of Universities in Cybermetrics Laboratory by Consejo Superior de Investigaciones Cientficas (CSIC), Spain.
(d) Merit Award of the Most Distinguished Member by the Academia in Information Technology Profession (2018).
(e) Reviewer, Journal of Electronic Commerce Research and Application, Elsevier. United Kingdom; Journal of Supercomputing, Springer. Germany; Journal of Electronic Commerce Research, Springer; Germany; Journal of Ambient Intelligence and Humanized Computing, Springer, Germany; Nigerian Journal of Science; The Journal of Computer Science and Its Applications; a Journal of the Nigerian Computer Society; Journal of Mathematical Physics.
(f) Federal Government Scholarship Award for Postgraduate Students (2002/2003 Session).

(ii) **COLLABORATIONS IN AND OUTSIDE NIGERIA**
(a) Computational Intelligence Group, Institute of Informatics, Clausthal University of Technology, Germany.
(iii) **PATIENT**   - Nil
(iv) **INNOVATIONS**

03. **WORK EXPERIENCE**

(A) **WORK EXPERIENCE IN THE UNIVERSITY SYSTEM**

(i) Reader, Department of Computer Science, Federal University of Agriculture, Abeokuta (1st October, 2017 – Till Date)
(ii) Senior Lecturer
Department of Computer Science, Federal University of Agriculture, Abeokuta
(1st October, 2014 – 31st of Sept., 2017)
(iii) Lecturer I
Department of Computer Science, Federal University of Agriculture, Abeokuta
(1st October, 2011 – Sept., 2014).
(iv) Lecturer II
Department of Computer Science, Federal University of Agriculture, Abeokuta
(1st October, 2008 – Sept., 2011).
(v) Assistant Lecturer
Department of Mathematical Sciences, Federal University of Agriculture, Abeokuta
(5th May, 2005 – Sept., 2008)

(vi)   System Analyst II
       Department of Mathematical Sciences, Federal University of Agriculture, Abeokuta, Nigeria
       (9th October, 2002 - April, 2005).
(vii) Youth Service
       Dept. of Mathematical Sciences, Federal University of Agriculture, Abeokuta
       (August, 2000 – July 2001)
(viii) Industrial Attachment
       Computer Centre, Federal University of Agriculture, Abeokuta (Oct. –Dec., 1998).

(B)   **WORK EXPERIENCE OUTSIDE THE UNIVERSITY**

(i)   Senior Lecturer (On Sabbatical),
       Department of Computer Science, Chrisland University, Abeokuta
       (8th of January, 2018 – 23rd of June, 2019).
(ii)   Post-Doctoral Research Fellow,
       Department of Computer Science and Mechanical Engineering, Faculty of Mathematics,
       Clausthal University of Technology, Clausthal-Zellerfeld, Germany.
       (1st of Oct. to 31st of Dec., 2014).
(iii) Research Fellow,
       Computational Intelligence Group, Institute of Informatics, Clausthal University of
       Technology, Clausthal-Zellerfeld, Germany.
       (7th of June, 2008 to 16th of April, 2009).
(iv)   Class Teacher,
       Devine International Nusery and Primary School, Elega, Abeokuta, Ogun State
       Oct., 1996- April, 1997).

(C)   **STUDENTS SUPERVISION**

S/N	Student Type	Number of Student
1	Undergraduate	75
2	Postgraduate Diploma (PGD	21
3	Master in Information Communication and technology (MICT)	12
4	Master of Science (M.Sc.)	7
5	P.hD.	1

(D)   COURSES TAUGHT RECENTLY

(i)   2016/2017 Session

S/No	COURSES TAUGHT		UNITS	NO. OF STUDENTS	CONTACT HOURS	NO. OF LECTURERS
	CODE	DESCRIPTION				
1	CSC 211	Computer Programming	3	2,200	3	8
2	CSC 251	Numerical Analysis I	2	320	2	1
3	CSC 427	Artificial Intelligence	3	85	3	2
4	CSC 424	Mini and Micro Computers	3	85	3	2
5	CSC 328	Computer Applications	3	70	3	4
6	CSC 207	Finite Automata	3	80	3	1
6	CSC 811	Advanced Operating System	3	25	3	1
7	CSC 801	Application of Computer in Research	3	440	5	7
8	CSC 816	Web-Based Systems and Agent-Based Software Engineering	3	25	3	2
9	CSC 701	Fundamentals of Computer Science	3	60	3	1
10	CSC 726	System Analysis and Design	3	30	3	1
11	CST 808	Operating System	3	23	3	1
12	CST 811	Information Technology Systems	3	23	3	1

(ii)   2017/2018 Session

S/No	COURSES TAUGHT		UNITS	NO. OF STUDENTS	CONTACT HOURS	NO. OF LECTURERS
	CODE	DESCRIPTION				
1	CSC 201	Computer Programming	3	130	3	2
2	CSC 205	Operating System I	2	8	2	1
3	CSC 251	Numerical Computaions	3	10	3	1
4	CSC 424	Operating Systems I	3	9	3	1
5	CSC 436	Computer Applications	3	80	3	1
6	CSC 206	Computer Applications	3	130	3	1
7	CSC 302	Object-Oriented Programming	3	8	3	1

(iii) **2018/2019 Session** (Courses taught at Chrisland University and FUNAAB)

S/No	COURSES TAUGHT AT UNDERGRADUATE LEVEL		UNITS	NO. OF STUDENTS	CONTACT HOURS	NO. OF LECTURERS
	CODE	DESCRIPTION				
1	CSC 101	Introduction to Problem Solving	2	520	3	3
2	CSC 221	Introduction to Computer	3	2,200	3	5
3	CSC 319	Operating Systems	3	75	3	1
4	CSC 431	Logic Programming	3	80	3	3
5	CSC 446	Data Communications and Computer Networks	3	80	3	1
6	CSC 702	Operating System	3	22	3	1
7	CSC 705	Concept of Programming Language	3	20	3	1
8	CST 811	Managemnt Information Science	3	6	3	1
9	CSC 809	Current Topic in Computer Science	3	19	3	1
10.	CSC 816	Web Based and Agent Based Software Engineering	3	21	3	2

(E). TEACHING/ADMINISTRATIVE/PROFESSIONAL EXPERIENCES

(i) Coordinator, CSC 201 (A University Course) 2009- 2012
(ii) Secretary, Department of Computer Science 2009- 2012
(iii) Examination Officer, Part Time Programme 2011- 2015
(iv) Level Adviser to 300 level students 2005/2006 session
(v) Level Adviser to 200 level students 2007/2008 session
(vi) Adviser, National Association of Computer Science Students (NACOSS)
FUNAAB Chapter 2005- Till Date
(vii) Departmental Coordinator, Part-Time Programme 2011- 2015
(viii) Level Adviser to 200 level students 2012/2013 Session
(ix) Level Adviser to 300 level students 2013/2014 Session
(x) Departmental Postgraduate Programme Coordinator 2015- Till Date
(xi) Member, COLNAS Environment Sanitation Committee 2006- 2012
(xii) Chairman, COLNAS Environment Sanitation Committee 2012- 2013
(xiii) Chairman, COLPHYS Environment Sanitation Committee 2014- 2015
(xiv) Coordinator, CSC 801 2015- 2017.
(xv) Ag., Head of Department, Computer Science Science, Chrisland University between 8th of January, 2018 and 23rd of June, 2019.
(xvi) Chairman/ Director, Information Communication Technology (ICT), Chrisland University, Between 15th of February and 23rd of June, 2019.
(xvii) Fellow, Nigeria Computer Society, 26th of November 2020.

(F)   UNIVERSITY EXTENSION ACTIVITIES

(i)   Member, Technical Committee (LOC), 4th AMU-PAMO Symposium on Training and Research at University of Agriculture, Abeokuta (April 2004).
(ii)   Member, COLNAS Sanitation Committee (2008- 2014).
(iii)   Interpreter, Rock Foundation Church, Abeokuta, Ogun State, Nigeria (2003- Till Date)
(iv)   Member, Royal Partners Unit, Rock Foundation Church, Abeokuta, Ogun State, Nigeria (2009- Till Date)
(v)   Member, Ifesowapo Community of Obantoko, Abeokuta, Ogun State, Nigeria (2012–Till Date)
(vi)   Matron, Zion African Church, Olowo-Town, Orile-Ilugun, Odeda Local Government, Ogun State, Nigeria (2012- Till Date)
(vii)   Staff Adviser, Ekiti State Student Association, FUNAAB Chapter, Ogun State, Nigeria (2011- Till Date).
(viii) Chairman, International Conference Committee, Nigeria Computer Society, Ogun State Chapter, Nigeria (2011- 2014)
(ix)   LOC member, Applied Information Technology Conference. From 2015 – till date
(x)   LOC Chairman, iSteams Conferences, Held at Chrisland University, Abeokuta in April, 2019.
(xi)   External Examiner for Postgraduate research, Backcock University, Ilisan-Remo, Ogun State.
(xii)   External Examiner for Postgraduate reasearch, Department of Computer Science and Engineering, Obafemi Awolowo University, Ile-ife, Osun State (Since 2017 – Till date).
(xiii) Congregation Representative on Senate for a period of two (2) years from 31st of July, 2019- till Date.

04.   SPECIAL ASSIGNMENTS/COMMUNITY SERVICE

(i)   Interpreter, Rock Foundation Church, Abeokuta, Ogun State, Nigeria (2004- Till Date)
(ii)   Ifesowapo II Community coordinator, Ibadan Electricity Distribution Company (IEDC) Plc, Obantoko, Abeokuta, Ogun State, Nigeria (2013 – Till Date)
(iii)   Matron, Zion African Church, Olowo-Town, Orile-Ilugun, Odeda Local Government, Ogun State, Nigeria (2012- Till Date)
(iv)   Rock Foundation Church Leader of Singles, Idi-aba, Abeokuta, Ogun State, Nigeria (2011- Till Date).
(v)   National Treasurer, Academia in Information Technology Profession (AITP) form 2017- Till Date).
(vi)   Ag. Head, Department of Computer Science, Chrisland University, Abeokuta between 8th of Jan., 2018 and 23rd of June, 2019.
(vii)   Local Organising Chairman of the 9th annual Information Technology (IT) Development Programme organized (2018) by Nigeria Computer Society, Ogun State Chapter held at Chrisland University, Owode, Abeokuta. Date: 22nd to 23rd of November, 2018.
(viii) Local Organising Chairman of the 15th isteams Conference held at Chrisland University, Owode, Abeokuta. Date:Teusday, 16th to 18th of April, 2019.
(ix)   Represented the Vice Chancellor of Chrisland University at the Crawford University 10th Convocation held at the Campus, Igbesa, Ogun State.(12th of Dec., 2018).
(x)   Chairman/Ag. Director of Information Communication and Technology (ICT) unit between 15th of January – 23rd of June, 2019.

TRAINING PROGRAMME ATTENDED WITH DATES

(i)   2005 - 4th AMU-PAMO Symposium on Training and Research held at University of Agriculture, Abeokuta between 5th and 10th April, 2005.

(ii)   2007 - A Research-Oriented Course in Cryptography and Encryption Algorithms held at National Mathematical Centre, Abuja, and May 2007.

(iii)   2010 - DNA Fingerprinting for Authentic Judgment, Immigration, Crime and Industrial Quality Control and National Development. A Week Workshop organized by Genetic Research Group, Institute of Food Security, Environmental Resource and Agricultural Research, Federal University of Agriculture, Abeokuta held at Biotechnology Centre, FUNAAB between 26th and 30th July, 2010.

(iv)   2011 - Executive Training Registration Programme for Information Technology Practitioners held in Akure, Nigeria and Organised by Computer Professional Registration Council of Nigeria. (Nov., 2011)

(v)   2011 - Training the Trainer Program organized by National Information Development Agency, NITDA in collaboration with the University of Agriculture, Abeokuta, Ogun State (9th – 13th May, 2011).

(vi)   2012 - IT Professional Assembly on Information Technology and National Transformation held at Nicon Luxury Hotel, Abuja, between 6th and 8th June 2012.

(vii)   2014 - Write-Shop for European Commission Funding Opportunities by Directorate of Grants Management held at Postgraduate School Auditorium, Federal University of Agriculture Abeokuta, Nigeria between 8th and 9th April, 2014.

(viii) 2017 - A Workshop on Cloud Computing and Cyber Security, Held in Baze University, Abuja, 22- 25th of April, 2017.

(ix)   2018 - A Workshop on Cyber Security and Intelligent Sysatems, Hed in Base University, Abuja, 24-26 April, 2018.

(x)   2019 - A Skill-Gap Workshop in Information Technology (Hands-On), Theme: Innovative and Distructive Technologies (Data Science, BlockChain Technology, and Cybersecurity) held at Old National Stadium, Lagos, 9th – 11th , Oct., 2019.

(xi)   2019 - White-Shop on Teaching skills held at Chrisland University in 16th of February, 2019.

(xii)   2019 - A Workshop on Scalable Multi-Throng and Allied Research using Advance Research Techniques (SMART-2019), Held at Chrisland University, Abeokuta, Ogun State, Nigeria. Date: 16th – 18th, April, 2019.

06.   COMMENDATIONS

(i)   A commendation letter from God Television (GOD TV) Hamburg, Germany for outstanding support (2008).

(ii)   A commendation letter by the Federal University of Agriculture Abeokuta (FUNAAB) Registrar for vigilance, patient and commitment to duties during the conduct of the First Semester Examination of the 2016/2017 Academic Session.

(iii)   A commendation from the Council of Chrisland University, Abeokuta for the immense contributions as the Ag. Head of Department for the full accreditation of Computer Science Programme in the maiden NUC accreditation of the Univesity (Nov., 2018).

(iv)   An appreciation letter by the Vice Chancellor of Chrisland University for wonderful Contributions during my Sabbatical years. The Contributions are stated as follows: (i) The success recorded in getting Computer Science Programme approved by NUC in Oct/Nov. 2018 Accreditation; Organising the Nigeria Computer Science Programme for higher

Institution in Nigeria; Organisating the iSteams Conference in April, 2019; Setting up a Computer Laboratory for the University; Great input in the plan to establish Cyber Security and Software Engineering Programmes; Pioneer Coordinator of Staff Serminar in Chrisland University.

07. **MEMBERSHIP OF PROFESSIONAL BODIES**

(i)   Member, Nigerian Computer Society (NCS) -   06706
(ii)   Member, Computer Professional Registration Council of Nigeria (CPN) -   003475
(iii). Member, International Federation for Information Processing (IFIP)
(iv).   Professional member, Nigerian Women in Information Technology (NIWIIT) - 368/2014.
(v).   Member, Academia in Information Technology - 00012. (June, 2014- Till Date)
(vi).   Member, IEEE International – 93210277.
(vii)   Member, Association of Computer Machninery (ACM) – 7600379.

08. **RESEARCH INTEREST OR COMMISSIONED PROJECTS**

(A)   **Areas of Research Interest**
        Artificial Intelligence, Bio-Informatics, Business Intelligent Systems, Image Processing and Data Science.

(B)   **Project In Progress**
        Analysis of COVID-19 and it Variants using Artificial Intelligent Techniques (In Progress).

09. **PUBLICATIONS**

(A)   **DISSERTATIONS AND PROJECTS**

(1)   **Vincent, O. R**. (1996). A Systemic Construction and Implementation of Mobile Electronic Kettle Appliance, National Certificate in Education (NCE), Federal College of Education, Osiele, Abeokuta.

(2)   **Vincent, O. R.** (2000). Numerical Solutions to Initial Value Problem of First Order Differential Equations using Runge-Kutta-Felberge, Undergraduate Project, University of Agriculture, Abeokuta, Ogun State, Nigeria.

(3)   **Vincent, O. R.** (2005). An Improved Algorithm for Transform-Based Image Compression, M. Sc. Dissertation, University of Agriculture, Abeokuta, Ogun State, Nigeria.

(4)   **Vincent, O. R**. (2010). A Mobile Agent-Based Architecture for Improving E-Payment System, Ph.D. Thesis, University of Agriculture, Abeokuta, Ogun State, Nigeria .

(B)   **JOURNAL ARTICLES IN PRINT**

(1)   Folorunso, Ogunde, O. A. and **Vincent, O. R**. (2005): Knowledge Management In Business Process Redesign: An Information Visualization Approach. *Journal of Applied Computer Science. 13*(2); 39-52. Published by Technical University Press, Lodz, Poland. http://it.p.lodz.pl/course/view.php?id=12&lang=en.

(2)   **Vincent, O. R.,** Folorunso, O. and Agboola, A. A. A. (2006): A Modified Algorithm of Image Compression. *The Journal of Computer Science And Its Applications*. 13(1); 42-48. Published by The Nigeria Computer Society. Available at http://www.ajol.info/index.php/jcsia/issue/view/10083.

(3)   Folorunso, O., **Vincent O. R.** and Dansu, B. M. (2007): Image-Edge Detection: A Knowledge Management Technique in Visual Scene Analysis. *Information Management and Computer Security*. 15(1); 23-32. Published by Emerald Group Publishing Limited, UK. Available at http:// http://www.emeraldinsight.com/journals.htm.

(4)   Sam-Wobo, S.O., Mafiana, C.F., Onashoga, S.A., **Vincent, O. R.** (2007): MONRATE: A descriptive tool for calculation and prediction of re-infection of Ascaris lumbricoides (Ascaridida: Ascarididae), *Revista de Biologia Tropical*, 55 (3-4), pp. 755-760. Published by Universidad de Costa Rica, Costa Rica. Available at https://www.scielo.sa.cr/scielo.php?pid=S0034-77442007000300001&script=sci.

(5)   **Vincent O. R.** and Folorunso O. (2008): On The Concept of using Thresholding for Experimental properties of the Discrete Wavelets Transform & Noise Reduction using Thresholding. *The Journal of Computer Science and Its Applications*. 15(2); 121-130. Published by the Nigeria Computer Society. Published by Nigeria Computer Society, Nigeria. Available at http://www.ajol.info/index.php/jcsia/issue/view/10083.

(6)   **Vincent, O. R.,** Folorunso O**.** and Akinde A. D. (2009): On Consolidation   Model in E-Bill Presentment and Payment. *Information Management and Computer Security*. 17(3); 234-247. Published by Emerald Group Publishing Limited, UK. Available at http://www.emeraldinsight.com/journals.htm.

(7)   **Vincent, O. R.,** Folorunso, O. and Akinde, A. D. (2009): Agent-based Advert Placement System for Broadcasting Stations**,** *Issues in Informing Science and Information Technology*, 6, 395-404. Published by Informing Science Institute, USA. Available at https://www.informingscience.org/Journals/IISIT/.

(8)   Folorunso, O**., Vincent, O. R**., Ogunde A. O. and Agboola B. A.   (2010): Knowledge Sharing Adoption Model Based on Artificial Neural Networks. *International Journal of E-Adoption*. 2(4); 1-14. Published by Information Resource Management Association, USA Available at http://www. http://www.igi-global.com/viewtitlesample.aspx?id=50301.

(9)   **Vincent, O. R**., Folorunso, O. and Akinde, A. D. (2010): Improving e-payment security using Elliptic Curve Cryptosystem. *Journal of Electronic Commerce Research***.** 10(1); 27-41, Published by Springer Science, Germany. Available online at http://www.portal.acm.org/citation.cfm?id=1773559.1773568.

(10)   Folorunso, O., Ogunde, O. A., **Vincent, O. R** and Salako, O. (2010): Data Mining for Business Intelligence in Distribution Chain Analytics. *International Journals of the Computer, the Internet and Management.* 18(1); 15-26. Published by Assumption University Thailand Available online at: http://www.ijcim.th.org/.

(11)   Folorunso, O., **Vincent, O. R.**, & Ogunde, O. A. and Oni O. A. (2010): PIFA: Designing a Personalized Information Filtering Algorithm for Knowledge Management Systems. *Journal "Annals. Computer Science Series.* 8(2); 145-159. Published by "Tibiscus" University of Timisoara, Romania. Available online at http://www.docstoc.com/docs/75227368/IJACSA_Volume2No3.

(12)   Folorunso, O**., Vincent, O. R.** and Salako, O. (2010): An Exploratory Study of Critical Factors Affecting the Efficiency of Sorting Techniques (Shell, Heap and Treap). *Journal "Annals. Computer Science Series.* 8(1); 163-172. Published by "Tibiscus" University of Timisoara, Romania. Available online at http://www.doaj.org/doaj?func=abstract&id=552432.

(13)   Folorunso, O., **Vincent, O. R.,** Adekoya, A.F., and Ogunde, O.A. (2010): Diffusion of Innovation in Social Networking Sites among University Students, *International Journal of Computer Science and Security,* 4(3); 361-372**.** Published by CSC press Kuala Lumpur, Malaysia. Available online at. http://www.scribd.com/.

(14)   **Vincent, O. R.**, Folorunso, O., Akinwale, A. T. and Akinde, A. D. (2010): Transaction Flow in Card Payment Systems Using Mobile Agents, *Interdisciplinary Journal of Information, Knowledge, and Management,* 5, 153-166. Published by Informing Sience Institute, USA. Available at https://www.informingscience.org/Journals/IJIKM/IndexedIn.

(15)   **Vincent, O. R.** and Agbola O. E. (2012): A Conceptual Trust Model for managing E-Commerce Environment. *Journal of Computer Science and it's Applications.* 19(1); 17-23. Published by Nigeria Computer Society. Available online at http://www.ajol.info/index.php/jcsia/article/view/80005.

(16)   **Vincent, O. R.,** Olayiwola, O. E. and Kosemani O. O. (2014): Estimating Traffic Intensity at Toll Gates Using Queueing Networks**.** *International Journal of Advanced Computer Science and Applications*. 5(4); *130-138.* Published by the Science and Information Oganisation (SAI), Japan. Available at www.ijpg.org/index.php/IJACSci.

(17)   **Vincent, O. R**. Ojo O. E. and Lawal O. M. (2015): Deductive Modification of S-Box in AES Algorithm for Image Steganography, *The Journal of Computer Science and its Applications*. 22(2); 28-37. Published by Nigeria Computer Society. Available online at http://www.ajol.info/index.php/jcsia/article/view/80005.

(18)   Ojesanmi, O. A., **Vincent, O. R**., Popoola O. R. and Dawodu G. A. (2015): Location Management Model Using Multi-Step intelligent Paging in GSM, *International Journal of Innovation and Applied Studies*, 10(1), 357-365. Published by Indexcompenicus, Indian. http://www.ijias.issr-journals.org/aims.php.

(19)   Abdulrahim A. K., Folorunso O. and **Vincent O. R.** (2016): A Normative Multi-Agent Model for Dynamic E-Voting using Event Calculus Ontology, *Journal of Nigerian Association of Mathematical Physics*. 38; 185-190. Published by Nigerian Association of Mathematical Physics. Available at https://www.ajol.info/index.php/jonamp.

20   **Vincent O. R.** and Lawal O. M. (2016): A Modified Cryptography Scheme with Key-Agreement Authentication Protocol for E-Transaction using Parallelized Pollard's Rho Algorithm, *Journal of Nigerian Association of Mathematical Physics.* 37; 131-138. Published by Nigerian Association of Mathematical Physics. Available at https://www.ajol.info/index.php/jonamp.

(21)   **Vincent O. R.** (2016): An Agent-Based Neuro-Fuzzy Model for Stock Market Volatility, *Journal of Nigerian Association of Mathematical Physics.* 37; 139-146. Published by Nigerian Association of Mathematical Physics. Available at https://www.ajol.info/index.php/jonamp.

(22)   **Vincent, O. R.**, Makinde, A. S. and Ojo O. E. (2017): The Convergence of No-Reference and Full-Reference in Objective Image Quality Assessment, *Journal of Nigerian Association of Mathematical Physics Transactions*. 3(8); 115-122. Published by Nigerian Association of Mathematical Physics. Available at https://www.ajol.info/index.php/jonamp.

(23)   **Vincent, O. R.**, Makinde, S. A., Owoade and Akinwale, A. T. (2017): An Ontology-Based Analytic Hierarchy Process for Enhancing Selection of Product Preferences, *Journal of Natural Sciences, Engineering and Technology.* 16(1), 1-18. Published Federal University of Agriculture, Abeokuta. Available at https://journal.unaab.edu.ng/index.php/JNSET.

(24)   ***Vincent**, O. R., Makinde, S. A., Akinwale, A. T. (2017): A Cognitive Buying Decision-Making Process in B2B E-Commerce using Analytic-MLP, *Electronic Commerce Research and Applications*, 25, 59-69. Published by Elsevier, UK. Available at https://www.sciencedirect.com/science/article/pii/S1567422317300583.

(25)   ***Vincent, O. R.**, Makinde, A. S., Salako O. S. and Oluwafemi O. D. (2018): A Self-Adaptive *K-Means* Classifier For Business Incentive In A Fashion Design Environment, *Journal of Applied Computing and Informatics*. 14(1), 88-97.Published by Elsevier, Netherland at http://www.sciencedirect.com/science/article/pii/S2210832717300315.

(26)   *Mustapha, A.M., Arogundade, O.T., Vincent, O.R. (2018): Towards a compliance requirement management for SMSEs: a model and architecture, *Journal of E-Business and Management*, 16, 155–185. Published by Springer, Germany. Available at https://doi.org/10.1007/s10257-017-0354-y.

(27)   ***Vincent, O. R.** and Lawal O. M. (2018): A Key Agreement Authentication Protocol Using an Improved Parallel Pollard Rho for Electronic Payment System, *Journal of Supercomputing*, 74(5), 1973–1993. Published by Springer, Germany. Available at https://link.springer.com/article/10.1007/s11227-017-2204-6.

(28)   ***Vincent, O. R**., Okediran, T. M., Abayomi-Alli, A. A. and Adeniran, O. J. (2020): An Identity-Based Elliptic Curve Cryptography for Mobile Payment Security, *Journal of SN Computer Science*, 1:112, 1-12. Published by Springer, Germany. https://doi.org/10.1007/s42979-020-00122-1.

(29)   *Deji-Olarerin, A., Folorunso, O., **Vincent, O. R.** and Olayiwola, O. M. (2019): Stock Price Trend Prediction Using Support Vector Machine and Coral Reef Optimisation Algorithm,

Journal of Natural Sciences, Engineering and Technology, 18(1), 68-87. Published Federal University of Agriculture, Abeokuta. Available at https://journal.unaab.edu.ng/index.php/JNSET.

(30)   *Makinde, A. S., **Vincent, O. R.**, Acheme, D. I. and Akinwale, A. T. (2020): A Genetic-Based Data Mining Model for Customer Relationship Management in B2B eCommerce, *The Journal of Computer Science And Its Applications,* 27(1), 1-13. Published by Nigeria Computer Society. Available online at http://www.ajol.info/index.php/jcsia/article/view/80005.

(31)   ***Vincent, O. R.** (2020): An Algorithm Analysis of Transactions in E-Payment System using Mobile Agents, *Journal of Natural Sciences, Engineering and Technology*, 19(1&2), 1-21. Published Federal University of Agriculture, Abeokuta. Available at https://journal.unaab.edu.ng/index.php/JNSET.

(32)   Odun-Ayo, I., Adebiyi, M., Okesola, O., & Vincent, O. (2021). Cloud middleware and services-a systematic mapping review. *Bulletin of Electrical Engineering and Informatics*, *10*(5), 2696-2706.

(33)   Kolebaje, O. T., Vincent, O. R., Vincent, U. E. and McClintock, P. V. E. (2021), Nonlinear growth and mathematical modelling of COVID-19 in some African countries with the Atangana-Baleanu fractional derivative, Journal of Communications in Nonlinear Science and Numerical Simulation, In press.

(34)   Babalola Y, Vincent, O. R., Sodiya, A. s and Adeniran O. J. (2021) A Cognitive Rail Track Breakage Detection System using Artificial Neural Network, Journal of Applied Computer Science. In Press.

 (C)   **EDITED CONFERENCE PROCEEDING**

(32)   **Vincent, O. R.** Dansu, B. M. and Folorunso, O. (2006): Performance Evaluation of Critical Factors Affecting Technology Adoption in Legislative Process: **Proceedings of the Second International Conference on Science and National Development**,   **Eromosele and Popoola, T. O. S.** (Eds.), 62-70. Published by COLNAS, UNAAB.

(33)   **V**incent, O. R. (2007): Optimization of Network Bandwidth Using Image Compression: **Proceedings of the National Conference on Advanced Data Computing Communications and Security,** Nilesh K. M. (Ed.), *163-167, Kadi, India.*

(34)   **Vincent, O. R.** and Akinde, A. D. (2007): Building Mechanisms of Trust in Securing Electronic Payment System: **Proceedings of the National Conference on Advanced Data Computing Communications and Security,** Nilesh K. M. (Ed.), *233-237, Kadi, India.*

(35)   **Vincent, O. R**. and Folorunso O. (2009): A Descriptive Algorithm for Sobel Image Edge Detection: **Proceeding of the Information Science and InformationTechnology Education Joint Conference**, Macon, Georgia USA.*Eli   Cohen (Ed.)* Published by Informing Science, Institute, USA http://proceedings.informingscience.org/InSITE2009/InSITE09p097107Vincent613.pdf.

(36) **Vincent, O. R.** and O. K. Adepoju (2013): On Image Quality Assessment Using Structural Similarity Index (SSIM), **In Proceeding of National Conference on Security**, Sodiya A. S. (Ed.), held at Osun state, Nigeria. June 22-26, 2013.

(37) **Vincent**, **O. R.,** Oni, O. A., Omoleh, P. O. and Ogunnika, E. (2013): A Trust Evaluation of the Characteristics of Electronic Payment System with Users' Perspective, **In the Proceeding of Networking and Electronic Commerce Conference**, Bezalel Gavish (Ed), held at Riva Del Garda, Italy. October 22-26, 2013.

(38) Dada O. O., **Vincent, O. R**., Ojesanmi, O. A. and Makinde, S. A. (2015): A Multi-Agent Route Planning System Based on Fuzzy Associative Memories, **1st International Conference on Applied Information Technology**, FUNAAB, Nigeria.

(39) **Vincent, O. R.**, Oni, O. and Sodiya A. S. (2015): An Onto-Case-based Reasoning for Intelligent Negotiation in B2C E-Commerce, **1st International Conference on Applied Information** Technology, FUNAAB, Nigeria.

(40) Mustapha, A. M., Arogundade, O. T., **Vincent, O. R.**, Adeniran, O. J. and Chen, X (2017): A Model-based Business Process Compliance Management Architecture for SMSE towards Effective Adoption of Cloud Computing, **International Conference on Computing, Networks and Informatics**, 978-1-5090-4642-3/17/$31.00 ©2017.

(41) *Acheme, D. I., **Vincent, O. R.**, Folorunso, O. and Japheth, B. R. (2019): A Bayesian Based System for Evaluating Customer Satisfaction in an Online Store, **Conference on Intelligent Systems**, AISC 869, 1–15. Published by Springer Nature, Switzerland.

(42) *Olusanya, M. O. and **Vincent, O. R.** (2020): A Manet-Based Emergency Communication System for Environmental Hazards Using Opportunistic Routing, *International Conference in Mathematics, Computer Engineering and Computer Science (ICMCECS)*, Ayobo, Ipaja, Lagos, Nigeria, 1-6, doi: 10.1109/ICMCECS47690.2020.240894.

(43) *Olaleye, T. O. and **Vincent, O. R.** (2020): A Predictive Model for Students' Performance and Risk Level Indicators Using Machine Learning, *International Conference in Mathematics, Computer Engineering and Computer Science (ICMCECS)***,** Ayobo, Ipaja, Lagos, Nigeria, 2020, pp. 1-7, doi: 10.1109/ICMCECS47690.2020.240897.

(44) *Adetunji, T., **Vincent, O. R.,** Ugwunna, C. O., Odeniyi, L. A. and Folorunso, O. (2020): An Ontology-based Knowledge Acquisition Model for Software Anomalies Systems, *International Conference in Mathematics, Computer Engineering and Computer Science (ICMCECS)*, Ayobo, Ipaja, Lagos, Nigeria, 2020, pp. 1-6, doi: 10.1109/ICMCECS47690.2020.240896.

(45) *Nubi, O. J. and **Vincent, O. R.** (2020): Virtual Reality: A Pedagogical model for Simulation Based Learning, **International Conference in Mathematics, Computer Engineering and Computer Science (ICMCECS)**, Ayobo, Ipaja, Lagos, Nigeria, pp. 1-6, doi: 10.1109/ICMCECS47690.2020.240895.

*** Additional papers since last promotion***

(D)   **BOOKS**
        -Nil

(E)   **BOOK ARTICLE OR CHAPTER**

(46)   *Acheme, I. D and **Vincent, O. R.** (2020), 'Machine Learning Models For Predicting Survivability In Covid-19 Patients. **In** *Data Science for COVID-19* **(Chapter 16)**. Edited by Utku Kose, Deepak Gupta Victor, Hugo Costa de Albuquerque, and Ashish Khanna. Published by Elsevier. (1-683). Accepted on the 21st of May, 2020. Available at https://www.elsevier.com/books/data-science-for-covid-19/kose/978-0-12-824536-1.

(47)   *Lawal, O. M and **Vincent, O. R.** (2020), 'A Two-Level Deterministic Reasoning Pattern To Curb The Spread Of Covid-19 in Africa. I**n** *Data Science for COVID-19* **(Chapter 30)**. Edited by Utku Kose, Deepak Gupta Victor, Hugo Costa de Albuquerque, and Ashish Khanna. Published by Elsevier. (1-683). Accepted on the 21st of May, 2020. Available at https://www.elsevier.com/books/data-science-for-covid-19/kose/978-0-12-824536-1.

(F)   **TECHNICAL REPORTS**
        -NIL

10.   MAJOR CONFERENCES ATTENDED WITH PAPERS READ

(i)   1st International Conference on Science and National Development (2004), University of Agriculture, Abeokuta, Nigeria.
(ii)   ICT Capacity Building Programme IV. A 3-week workshop sponsored by the Education Trust Fund between July 11th and July 29th, 2005 at University of Agriculture, Abeokuta.
(iii)   2nd International Conference on Science and National Development (2006), held at the Federal University of Agriculture, Abeokuta, Nigeria.
(iv)   A Research-Oriented Course in Cryptography and Encryption Algorithms held at National Mathematical Centre, Abuja, and May 2007.
(v)   National Conference on Advanced Data Computing Communications and Security (2007) held at S. V. Institute of Computer Studies, Sarva Vidhyalay Campus, and Kadi, India between 3rd and 5th July, 2007.
(vi)   InformationTechnology Education Joint Conference, Macon, Georgia USA. Organised by Informing Science, Institute, USA (2009).
(vii)   Information Technology (IT) Assembly of Computer Professionals (Registration Council) of Nigeria held in Abuja. June, 2012.
(viii) 11th International Conference on E-Government and Security organised by the Nigeria Computer Society, held at Osun state, Nigeria. June 22-26, 2013.
(ix)   IT Professional Assembly on Information Technology and National Transformation held at Nicon Luxury Hotel, Abuja, between 6th and 8th June, 2012.
(x)   Workshop on Fund Sourcing, Proposal Writing, and Project Management held at FUNAAB, Abeokuta, Nigeria. Date: 3rd – 5th Dec. 2012.
(xi)   Workshop on Statistical Analysis and Data Management held at FUNAAB International Centre, Nigeria between 10th and 12th of April, 2013.
(xii)   International Conference on E-Government and National Security, Osun State, Nigeria between 24th and 27th of July, 2013.

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(xiii) Networking and Electronic Commerce Conference, held at Riva Del Garda, Italy. October 22-26, 2013.

(xiv) 25th National Conference on Building a Knowledge-Based Economy in Nigeria: The Role of Information Technology. July 23rd to 25th, 2014 at Nike lake Resort, Enugu, Enugu State, Nigeria.

(xv) Internet Technology Information Systems Welcome day in Clausthal held at Clausthal-Zellefeld, Campus Tannenhohe, Institute for Informatics, Albrecht-von-Groddeck-Str. 7, Clausthal University of Technology, Germany.

(xvi) Tour Visit to Mittelbau-Dora Concentration Camp Memorial on the 12th of October2014, Kohnsteinweg 20, 99734 Nordhausen, Germany.

(xvii) CPN 2017 Virtual IT Professionals Assembly held between 28th and 29th June, International Conference Center, Abuja.

(xviii) 1st International Conference on Developmental Sciences and Technologies held on the 27th-30th August, 2019 at the Federal University of Agriculture Abeokuta, Ogun state.

(xix) Staff Development Training on the 12th of April, 2018 held at Chrisland University, Abeokuta. Ogun State. Theme: Modern Trend in Teaching and Learning in the University, Organised by Association of African Universities' Curriculum.

(xx) International Conference on Information Technology in Edication and Development (ITED 2018) held at Baze University, Abuja between 24th -27th of April, 2018. Theme: Information Technology for Promotion of Quality Education, Research and Local Content Deleopment.

(xxi) A Two-Day Nigeris Women in Information Technology National Workshop held at Precious Palm Royal Hotel, Ugbowo, Benin City, Edo State between 9th – 10th May, 2018. Theme: Skills for a Connected World: Closing the Gender Digital Divide.

(xxii) A Day Work for Women in Data Science Conference, which held at Olabisi Onabanjo University, Ago-Iwoye on the 20th of June, 2020.

(xxiii) A 3-Day National Conference with the Theme Digital Inclusion Opportunities, Chanllenges and Strategies held at Abuja between 17th – 19th July, 2018.

(xxiv) 2nd Skill-Gap Workshop in Information Technology Held at Digital Institute, Lagos, Nigeria between 9th -11th Oct., 2019.

(xxv) Facilitator at the 2nd Skill-Gap Workshop in Information Technology Held at Digital Institute, Lagos, Nigeria between 9th -11th Oct., 2019.

(xxvi) 1st Skill-Gap Workshop in Information Technology held at Digital Bridge Institute, Utako District, Abuja between 18th -20th of Oct., 2018. Theme: Innovation and Distruptive Technologies.

(xxvii) 15th iSteams Conference of the International Centre for Information Technology and Development Southern University, Baton Rouge, LA, USA and The Society for Multidisciplinary and Advanced Research Techniques (SMART) held at Chrisland University, Abeokuta between 16th -18th April, 2019.

(xxviii) Nigeria Computer Society (NCS) International Conference 2019: JULY 16-18, 2019 held at International Conference Center, Gombe, Nigeria.

(xxix) Nigeria Computer Society (NCS) 27th National Conference between 1th and 19th of July, 2018, at International Conference Centre University of Ibadan, Ibadan, Oyo State, Nigeria,

(xxx) 13th Nigeria Computer Society (NCS) International Conference 2019: JULY 18-20, 2019 Chinda International Hotel, Solomon Lai way, Utako District, Abuja. Nigeria.

(xxxi) CPN 2020 Virtual IT Professionals Assembly held betwwen 15th and 16th April, 2020.

11.   **FELLOWSHIP, MASTER'S PROJECTS AND Ph.D. SUPERVISED**

(A)   FELLOWSHIP

(i)   A Post-Doctoral Fellowship of the TWAS-DFG Cooperation Visits Programme for Scientists from Sub-Saharan Africa in 2014.
(ii)   Research Fellow, Computational Intelligence Group, Institute of Informatics, Clausthal University of Technology. – 1 year Study and Research fellowship at University of Technology, Clausthal-Zellerfeld, Germany between June, 2008 and April, 2009.

(B)   COMPLETED MASTER'S PROJECT SUPERVISED

(i)   Acheme David Ijegwa (PG11/0264), An Agent-based Stock Market Predictive Model using Fussy Logic. Oral Examination: 20th of August, 2015.
(ii)   Owoade, Adebo (PG10/0175), Ontology-Based Framework For Electronic Shopping and Payment. Oral Examination in 2016(April 5, 2016).
(iii)   Soretire, Temitope Oluwole (PG 08/0145)- A Predictive Shopping Bot Model Using Artificial Neural Network. Oral examination in 2018.
(iv)   Dada, Oluwatobi Olakunle (PG 13/0205)- A Multiagent Route Planning System Based On Fuzzy Associative Memories. Oral Examination: 18th of April, 2017.
(v)   Oni, Olujimi Olakunle (PG13/0001), An Intelligent Negotiation Model in Business-to-Consumer E-commerce using Case-Based Reasoning. Oral defence: 4th of Nov., 2017.
(vi)   Okediran, Timothy Mayowa (PG/15/0230), An Improved Mobile Payment Security Scheme using Elliptic Curve Cryptography. Oral Examination: 8th of August, 2019.
(vii)   Lawal, Olumide Mohammed (PG/13/0047), An Improved Elliptic Curve Cryptography Hybrid Scheme For Securing Text Messages. Oral Examination: 8th of August, 2019.

(C)   MASTER'S DISSERTATION AWAITING DEFENCE

(i)   Babalola Yetunde Ebunoluwa (PG/16/0037), A Brokage Detection Sytem for Rail Trackusing an improved Convolutional Neural Network. (To defend in 2021).
(ii)   Bolarinwa Jesufunbi (PG18/0705), A Predictive Model of COVID-19 using A Reccurent Neural Network. (To defend in 2022).
(iii)   Adenusi Cecilia Ajowho (PG 18/0144), Predicting the Spread of COVID-19 in Africa using Artificial Neural Network. (To defend in 2022).
(iv)   Olusunmade Ibukun Daniel (PG 14/0623), A Dual Key Authentication and Agreement For E-Payment Gateway. (To Defend in 2022).

(D)   COMPLETED Ph.D THESIS SUPERVISED

(i)   Makinde Samuel Ayodeji (PG/14/0701) An Adaptive Fussy Hybrid Scheme for Trust-Gap Modelling in B2B E-Commerce. (Oral examination: 11 of June, 2019).

(E)   ON-GOING SUPERVISION OF Ph.D THESES

(i)   Arisekola Oluwatosin (PG16/0160): A New Security Protocol for E-commerce System. Expected Date of Defence: 2022.
(ii)   Acheme David Ijegwa (PG 13/0431), A Hybrid Machine Learning Model for Evaluation of Customer Satisfaction in A B2C Electronic Commerce Usinf Fuzzy-Bayesian Network.

Expected Date of Defence: 2022.

(iii) Okediran Timothy Mayowa (PG/15/0230), A Cognitive Reasoning for E-Payment System with Internet of Thing Security using Elliptic Curve Cryptography. Expected date of Defence: 2023.

12. <u>**EXTRA CURRICULA ACTIVITIES**</u>

(i) Reading and Singing

13. <u>**REFEREES**</u>

(i) Prof. A. T. Akinwale
Department of Computer Science,
College of Physical Sciences,
Federal University of Agriculture, Abeokuta
Ogun State.
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(iii) Most Reverend (Prof.) A. D. Akinde
Dioceses of Anglican Church,
Ebute-Meta, Lagos State.
Email: adakinde@gmail.com

SIGNATURE: **DATE:** **Oct., 2021**