

**KWAME NKRUMAH UNIVERSITY OF SCIENCE AND
TECHNOLOGY**

**Department of Architecture
College of Art and Built Environment**



CURRICULUM VITAE

FULL NAME	:	CHRISTIAN KORANTENG
PLACE OF BIRTH	:	Kumasi, Ghana
NATIONALITY	:	Ghanaian
LANGUAGES SPOKEN	:	English, German and Twi
LECTURER	:	Dec. 2003 to Oct. 2010
SNR. LECTURER	:	Oct. 2010 to July 2015
ASSOCIATE PROFESSOR	:	August 2015 to Date
MEMBERSHIP	:	Ghana Green Buildings Ghana Institute of Architects Ghana Science Association International Building Performance and Simulation Association (German Branch) Natural Cooling Research Group (Building Physics and Building Ecology Institute, TU Vienna, Austria) The Energy Centre, KNUST, Kumasi International Research and Development Network
PRIZES WON	:	Overall Senior Member (KNUST), Research and Scholarship, 2015

	<p>Outstanding Performance at the 2012 Professional Practice Examinations of the Architects Registration Council of Ghana</p> <p>Outstanding Presentation (Engineering Stream) at the 4th Annual Applied Research Conference of Koforidua Polytechnic, Koforidua, July 11-14, 2011</p>
	<p>Best Paper at the 1st International Postgraduate Research Conference on the Built Environment, KNUST, Kumasi, Ghana, June 3-4, 2010</p>

(a) Academic degrees earned with dates:

Dr.techn (Architecture)	21 st Jan. 2010
Dipl.-Ing. (Chartered Architect)	27 th June 2002

(b) Institutions attended with dates:

Vienna University of Technology, Austria (PhD Programme in Building Physics and Human Ecology)	2007 – 2010
Vienna University of Technology, Austria (MSc. Architecture Programme – Building Construction, Theory of Buildings and Urban Design)	1994 – 2002
Preliminary studies at the Vienna University of Technology, Austria (German, Physics and Mathematics)	1992 – 1994
Prempeh College in Kumasi, Ordinary and Advanced levels	1984 - 1991
Primary School (Prempeh) in Kumasi	1974 – 1984

1. University Teaching and or Research experience with dates:

(a) Academic Ranks held, and subjects taught:

	Academic Rank	Year
1.	Vice Dean, Faculty of Built Environment, CABE, KNUST	August 2018 to 2019
2.	Head, Department of Architecture, CABE, KNUST	August 2018 to Date
3.	Coordinator of Graduate Programmes, Department of Architecture, CABE, KNUST	2017/18
4.	Associate Professor, KNUST	August 2015 to Date
5.	Senior Lecturer, KNUST	October 2010 to 2015
6.	Lecturer, KNUST	December 2003 to 2010

Subjects Taught

Course Code	Course Name/Description	Academic Year
ARC 805	Computer Applications to Architectural Design	2018/19
ARC 805	Computer Applications to Architectural Design	2018/19
ARC 806	Computer Applications to Architectural Design	2018/19
ARC 255	Building Science and Services III - Natural Lighting and Applied Acoustics (Architecture Year Two, KNUST)	2018/19
ARC 461	Research Writing I (Coordinator, Architecture Year Four, KNUST)	2018/19
ARC 257	Computers in Environmental Design (Architecture Year Two, KNUST)	2018/19
ARC 157	Introduction to Architectural Design (Architecture Year One, KNUST)	2018/19
ARC 158	Rudiments of Architecture (Architecture Year One, KNUST)	2018/19

Academic Ranks held, and subjects taught cont'd

Course Code	Course Name/Description	Academic Year
ARC 462	Research Writing II	2018/19
ARC 364	Research Methodology (Architecture Year Three, KNUST)	2018/19
ARC 805	Computer Applications to Architectural Design	2017/18
ARC 806	Computer Applications to Architectural Design	2017/18
ARC 255	Building Science and Services III - Natural Lighting and Applied Acoustics (Architecture Year Two, KNUST)	2017/18
ARC 461	Research Writing I (Coordinator, Architecture Year Four, KNUST)	2017/18
ARC 257	Computers in Environmental Design (Architecture Year Two, KNUST)	2017/18
ARC 157	Introduction to Architectural Design (Architecture Year One, KNUST)	2017/18
ARC 158	Rudiments of Architecture (Architecture Year One, KNUST)	2017/18
ARC 462	Research Writing II	2017/18
ARC 364	Research Methodology (Architecture Year Three, KNUST)	2017/18
ARC 805	Computer Applications to Architectural Design	2016/17
ARC 806	Computer Applications to Architectural Design	2016/17
ARC 255	Building Science and Services III - Natural Lighting and Applied Acoustics (Architecture Year Two, KNUST)	2016/17
ARC 461	Research Writing I (Coordinator, Architecture Year Four, KNUST)	2016/17
ARC 257	Computers in Environmental Design (Architecture Year Two, KNUST)	2016/17

Academic Ranks held, and subjects taught cont'd

Course Code	Course Name/Description	Academic Year
ARC 157	Introduction to Architectural Design (Architecture Year One, KNUST)	2016/17
ARC 158	Rudiments of Architecture (Architecture Year One, KNUST)	2016/17
ARC 462	Research Writing II	2016/17
ARC 364	Research Methodology (Architecture Year Three, KNUST)	2016/17
ARC 805	Computer Applications to Architectural Design	2015/16
ARC 806	Computer Applications to Architectural Design	2015/16
ARC 255	Building Science and Services III - Natural Lighting and Applied Acoustics (Architecture Year Two, KNUST)	2015/16
ARC 461	Research Writing I (Coordinator, Architecture Year Four, KNUST)	2015/16
ARC 257	Computers in Environmental Design (Architecture Year Two, KNUST)	2015/16
ARC 157	Introduction to Architectural Design (Architecture Year One, KNUST)	2015/16
ARC 158	Rudiments of Architecture (Architecture Year One, KNUST)	2015/16
ARC 462	Research Writing II	2015/16
ARC 364	Research Methodology (Architecture Year Three, KNUST)	2015/16
ARC 255	Building Science and Services III - Natural Lighting and Applied Acoustics (Architecture Year Two, KNUST)	2014
ARC 461	Research Writing I (Coordinator, Architecture Year Four, KNUST)	2014
ARC 257	Computers in Environmental Design (Architecture Year Two, KNUST)	2014

Academic Ranks held and subjects taught cont'd

Course Code	Course Name/Description	Academic Year
ARC 157	Introduction to Architectural Design (Architecture Year One, KNUST)	2014
ARC 158	Rudiments of Architecture (Architecture Year One, KNUST)	2013/2014
ARC 462	Research Writing II (Coordinator, Architecture Year Four, KNUST)	2013/2014
ARC 364	Research Methodology (Architecture Year Three, KNUST)	2013/2014
ARC 255	Building Science and Services III - Natural Lighting and Applied Acoustics (Architecture Year Two, KNUST)	2013/2014
ARC 461	Research Writing I (Coordinator, Architecture Year Four, KNUST)	2013/2014
ARC 257	Computers in Environmental Design (Architecture Year Two, KNUST)	2013/2014
ARC 157	Introduction to Architectural Design (Architecture Year One, KNUST)	2013/2014
ARC 158	Rudiments of Architecture (Architecture Year One, KNUST)	2012/2013
ARC 462	Research Writing II (Coordinator, Architecture Year Four, KNUST)	2012/2013
ARC 364	Research Methodology (Architecture Year Three, KNUST)	2012/2013
ARC 255	Building Science and Services III - Natural Lighting and Applied Acoustics (Architecture Year Two, KNUST)	2012/2013
ARC 461	Research Writing I (Coordinator, Architecture Year Four, KNUST)	2012/2013
ARC 257	Computers in Environmental Design (Architecture Year Two, KNUST)	2012/2013
ARC 157	Introduction to Architectural Design (Architecture Year One, KNUST)	2011/2012

Academic Ranks held and subjects taught cont'd

Course Code	Course Name/Description	Academic Year
ARC 158	Rudiments of Architecture (Architecture Year One, KNUST)	2011/2012
ARC 462	Research Writing II (Architecture Year Four, KNUST)	2011/2012
ARC 364	Research Methodology (Architecture Year Three, KNUST)	2011/2012
ARC 255	Natural Lighting and Applied Acoustics (Architecture Year Two, KNUST)	2011/2012
ARC 157	Introduction to Architectural Design (Architecture Year One, KNUST)	2011/2012
ARC 461	Research Writing I (Architecture Year Four, KNUST)	2011/2012
ARC 255	Natural Lighting and Applied Acoustics (Architecture Year Two, KNUST)	2010/2011
ARC 257	Rural Culture and Architecture (Architecture Year Two, KNUST)	2010/2011
ARC 258	Rural Culture and Architecture (Architecture Year Two, KNUST)	2010/2011
ARC 357/358	Computers in Environmental Design (Architecture Year Three, KNUST)	2010/2011

(b) Supervision of student project work/theses/research:

PhD Students' Theses (Department of Architecture, KNUST)

Debrah Hugh Yaw: Simulation Based Exploration of Roof Assembly on Energy Performance of Residential Buildings in the Tropics	2017 to Date
Abrokwah Gyimah: A Hybrid Window for Tropical Ghana	2017 to Date
Gerald Agyemang Prempeh: Exploring Energy Efficiency Using Building Automation Systems in Educational Buildings	2017 to Date

PhD Students' Theses (Department of Horticulture, KNUST)

David Nyame-Tawiah: Simulation Based Assessment of Green Roofs and its Impact on Thermal Performance of Residential Buildings, Ghana	2014 to Date
Emmanuel Okyere Darko: Intervention of Productive Urban Landscape in the Savannah Region of Ghana; Defining an Operative Symbiosis between Planning and Agriculture	2014 to Date
Sam Sarkodie Mensah: Evaluating some indoor plants for their indoor pollutant removal on KNUST campus	2014 to Date

PhD Students' Theses (Department of Building Technology)

Barbara Simons: A Simulation Based Exploration of the Thermal Performance of Multi-Storey Office Buildings in Accra, Ghana	2012 to 2015
Micheal Addy: Development of a Building Energy Assessment Tool to be Used in Predicting the Energy Efficiency of Buildings at the Design Stage	2013 to 2016

PhD Students' Theses (Department of Civil Engineering)

Frederick Wireko Manu: Assessment of Urbanization, Building Comfort and Energy Life Cycle in Bolgatanga Municipality, Ghana	2013 to 2019
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Supervision of student project work/theses/research cont'd

Postgraduate Students Theses – M. Phil. (Department of Architecture)

The Evolution of Spatial Configurations in Housing Development by Awume Jeremiah	2017 to Date
Energy Reduction Strategies in Ghanaian Office Buildings by Apeatse Kobina Ebo	2017 to Date

Postgraduate Students Theses – M. Sc. (Department of Architecture)

Nerquaye-Tetteh Jonathan Beauclerc: The Effects of Natural Ventilation on the Thermal Comfort of Indoor Environments: The Case of Tema Mataheko-Afienya	2017 to Date
Asiedu-Ampem Gloria: The Choice of Fenestration and its Effect on Comfort in Ghanaian Office Buildings	2017 to Date

Master of Architecture Students' Theses – M. Arch (Department of Architecture)

The role of Wellness Tourism in National Development by Tackie-Otoo Nii Otinkoran	2018/2019
An Investigation into Strategies to Address Post Harvest Losses of Tropical Fruits in Ghana by Fiati Selorm Abla Maria	2018/2019
Improving Digital Imagery in Ghana, Institute of Photography by Kelvin Ofori Wiredu	2018/2019
An Investigation into the Promotion of Energy Development Through In-Depth Training; The Case of VRA by Carin Awoenam Fianu	2018/2019
The role of Wellness Tourism in National Development by Tackie-Otoo Nii Otinkoran	2017/2018
An Investigation into Strategies to Address Post Harvest Losses of Tropical Fruits in Ghana by Fiati Selorm Abla Maria	2017/2018

Supervision of student project work/theses/research cont'd**Master of Architecture Students' Theses – M. Arch
(Department of Architecture)**

Improving Digital Imagery in Ghana, Institute of Photography by Kelvin Ofori Wiredu	2017/2018
An Investigation into the Promotion of Energy Development Through In-Depth Training; The Case of VRA by Carin Awoenam Fianu	2017/2018
Design of a Conference Centre (MICE) in Northern Ghana by Kem-Agbozo De-love Mawulom	2016/2017
Design of a Borster Home in Kumasi by Simon Yalley	2016/2017
Design of a State of the Arts Research Centre in Accra by Gloria Afari	2016/2017
Design of a Sustainable Textile Industry by Atieku Kobina Winfred	2015/2016
Design of a Sustainable Poultry Industry by Amponsah Sarfo Kofi	2015/2016

Supervision of student project work/theses/research cont'd

Undergraduate Students Dissertation (Department of Architecture)

The Dynamics of Student Accommodation on Academic Performance by Kwaah Gymah George	2018/2019
The Dynamics of Student Accommodation on Academic Performance by Kwaah Gymah George	2018/2019
The Dynamics of Student Accommodation on Academic Performance by Kwaah Gymah George	2018/2019
The Dynamics of Student Accommodation on Academic Performance by Kwaah Gymah George	2018/2019
The Dynamics of Student Accommodation on Academic Performance by Kwaah Gymah George	2017/2018
Minimalism in Local Architecture; A Force to Reckon with by Karbah Gideon Mutala	2017/2018
The Effects of Building Orientation on Thermal Comfort of Students Residences at KNUST by Melomey Stephen	2017/2018
An Investigation into the Benefits of Natural Shades on Streets at KNUST by Frimpong Sampson	2017/2018
A Study on Bus Stations and its Infrastructure on Commuters by Onumah Bernard	2017/2018
The Effects of Courtyards on Indoor Comfort by Mani Mahamadou	2016/2017
A Study on Estate Housing based on the Principles of Sustainable Urban Design by Ernest Klu	2016/2017
Career Advise and its Effects on Student Performance by Kuntah Desmond	2016/2017
AThe Efficiency of Day & Artificial Lighting at Exam Centres on KNUST by Ziwu Emmanuel	2016/2017
Concepts and Creativity, A Response on Architeu'cture Students at KNUST by Kwabena Addison	2016/2017
Concepts, What the Architect Seeks to Achieve with a Design by Amonoo Nana Ayensua	2015/2016

Supervision of student project work/theses/research cont'd**Undergraduate Students Dissertation (Department of Architecture)**

Effects of Day lighting In Building Forms by Hammond Larbie	2015/2016
A Study on the Principles of Hierarchy by Mustafa Hakeem	2015/2016
A Study on the Principles of Order in Architecture of KNUST by Owuraku Appiagyei Amoah	2015/2016
An Evaluation of the Principles of Design in Architecture by Kwantwi-Mensah David	2015/2016
A Study on the Effects of Kiosk in Urban Centres by Iddriss Latifah	2015/2016
The Importance of SCAMPER as a Design Method in Architecture by Ampaw Isaac Oduro	2015/2016

(c) Other professionally related experience:

External Assessor and Reviewer of Promotion Documents for Council of Scientific and Industrial Research, Ghana. The Case of Arc. Kwadwo Ampofo-Twumasi (Research Scientist to Snr. Research Scientist Position)	2018
External Assessor and Reviewer of Promotion Documents for Council of Scientific and Industrial Research, Ghana. The Case of Arc. Joseph Agyei-Danquah (Research Scientist to Snr. Research Scientist Position)	2018
External Assessor and Reviewer of Promotion Documents for Pentecost University College, Ghana. The Case of Dr. Joseph Teye Ignatious Buerthey (Lecturer to Snr. Lecturer Position)	2017
Member, Education and Exams Committee of the Architects Registration Council, Ghana	2018 to Date
Member, Ghana Green Building Technical Committee towards the Adaptation of Green Building Standards for Ghana	2011 to Date
Internal Examiner for M.Arch Students of the Department of Architecture for the School of Graduate Studies (theses and oral defense)	2018
<p>Fianu Carin Awoenam: An Investigation into the Design of a Sustainable Institute for Volta River Authority and Its Effects on National Development</p> <p>Fiati Selorm Abla Maria: An Investigation into the Design of a Sustainable Fruit Processing Centre</p> <p>Tackie-Otoo Nii Otinkoran: A Study into the Design of a Sustainable Wellness Resort</p> <p>Adjetey-Fio Harold: Optimization of Cultural Realities for Models of Urban Housing for Young, Small and Single Families</p>	

	<p>Asare Afia Sarpong: Evaluation of Vocational Training Institutes to Meet Contemporary Trends, Kumasi, Ghana</p> <p>Amponsah Fordjour Linda: Promotion of Culinary Art Towards Food Tourism and Socio Economic Development</p>	
<p>Internal Examiner for M.Arch Students of the Department of Architecture for the School of Graduate Studies (theses and oral defense)</p>	<p>2017</p>	
	<p>Yalley Simon: An Investigation into Juvenile Delinquency Centres; A Case in Kumasi</p> <p>Afari Gloria Asantewaa: The role of Architecture in Combatting Auto-Immune Diseases</p> <p>Essandoh Prince: Exploring Sociocultural and Architectural Interventions Influencing the Creation and Performance of Folklore of the People of GA-MASHIE</p> <p>Fiadjoe Esther Mawulom: Urban Mixed Use Challenges of Agbogbloshie Precinct, Accra</p> <p>Kem-Agbozo De-Love Mawulom: Convention Centre; A Catalyst for Growth of the Meetings, Incentives, Conventions and Events (MICE) Industry</p> <p>Morgan Thelma: Architectural Interventions for Improving Legal Education in Ghana</p> <p>Asamoah Heather Akosua: Improving Healthcare through Therapeutics Activities</p> <p>Opoku Agyeman Adwoa: Upgrading Basic Education in Ejisu, Ghana</p>	
<p>Member, College of Art and Built Environment Board</p>	<p>2016/2017 to Date</p>	
<p>Member, College of Art and Built Environment Management Board</p>	<p>2018/19 to Date</p>	
<p>Member, Faculty of Built Environment Board</p>	<p>2016/2017 to Date</p>	

Member, Research Collaboration funded by the Energy Commission, Ghana on Profiling Workplace Behaviour on the Use of Air-Conditioners in Public Buildings	2016/2017 to Date
Review Member, 6 th International Conference on Infrastructure Development in Africa, ICIDA 2017	2016/2017
Member, Finance and Revenue Mobilization Committee, CABE	2016/2017
Review Member, Journal of Art and Built Environment	2016/2017
Review Member, Journal of Science and Technology	2016/2017
Editorial Member (College Representative), Journal of Science and Technology	2016 to Date
Review Member, Journal of (Science Domain International)	2017 to Date
Member, Committee on Feedback from Industries and Professional Bodies on Performance of Graduates of KNUST	2017
Member, Committee to Review and Regulate Teaching and Examinations Time Tables and Use of Classrooms Across the University	2016 to 2018
Member, Committee for Departmental Publications, Department of Architecture	2016/2017
Member, Examinations Coordinating Committee, KNUST	2015 - 2018
Resource Person on Rules and Regulations of Examinations for Freshers	2016
Member of the organizing committee of the 4th International Conference on Infrastructure Development in Africa (ICIDA)	2015
Administrative Experience as Departmental and College Exams Officer, CABE	2013 to 2018

Other professionally related experience cont'd

Internal Examiner for a PhD candidate, Miss Barbara Simons (Dept. of Building Technology). Topic: The Thermal Performance of Some Multi-Storey Office Buildings in Accra, Ghana	June 2015
Member of a committee to Assess M.Arch and M.Sc Research Synopsis	2015
Member of a committee to Assess PhD and M.Phil Research Synopsis	2015
Member of a committee to work on the newly introduced PhD programme in Architecture	2015
Internal Examiner for M.Arch Students of the Department of Architecture for the School of Graduate Studies (theses and oral defense)	
<p>Koanda Abubakari Haruna: Museum of Cultural Heritage</p> <p>Essandor Nyansah K: Urban Revitalisation, Bawaleshie</p> <p>Theophilus Kwame Ahelegbey: Redesign of Data University College</p> <p>Owusu Ansah K: Information Technology Centre</p> <p>Kpodo Jemima B: Paediatric Research Centre</p> <p>Woanyah Deladem Sandra: School of Medicine</p> <p>Akuffo Christian Agyei: Aviation Academy at Tamale</p> <p>Donkor Collins: Waste to Energy Processing Plant</p> <p>Tetteh Elvis: Aquaculture Training Centre at Atimpoku</p> <p>Danquah J. B. Ernest: Biomedical Research Institute, KNUST</p> <p>Masoperh Albert Nii Armah: Robotics in Architecture, Reseach and Development Hub</p>	2015

Member of a panel to assess progress work of PhD students at the WASCAL CCLU, College of Engineering	2015
Member of a panel to present the results of the study on Rising Dampness to the Ghana Institute of Construction as part of their continuing professional development series	2015
Member of the College of Architecture and Planning Library Committee	
Ghana Green Building Council Technical Committee Member. Work involved review and adaptation of green building standards for Ghana	2015-Date
Teaching Research Students on the Use of Data Loggers (Onset Sensors and Software) in Recording and Processing Environmental Data	2015 to Date
Member of a panel to assess PhD works at the College of Engineering	2015
Member of a presentation team to present research results to the Ghana Institute of Construction	2015
Member, Energy Centre Management Board	2010 to Date
Internal Examiner of ARC 355, Environmental Control Systems	2015 to Date
Architectural Dissertation Examiner	2015
Internal Examiner for a PhD candidate, Mr. Kofi Agyekum (Dept. of Building Technology)	2015

2. Details of Research or Projects undertaken since 2015:

(a) Sampled Publications arising out of the Research

Publications in Journals	
1	Gyimah K. A., S. Amos-Abanyie and Koranteng C. (2019). A Review on Approaches and Tools Used in Assessing Indoor Environmental Quality , <i>Journal of Building Performance</i> , 10 (1), 68-69, ISSN: 2180-2106
2	Gyimah K. A., S. Amos-Abanyie and Koranteng C. (2019). Simulation Based Indoor Environmental Quality Analysis of Existing Windows Used in Tropical Office Spaces , <i>International Building Performance and Simulation Association Conference</i> , Italy 2019
3	Koranteng C. , Simons B., Nyame-Tawiah, D. (2016). Is It Necessary To Cool Residential Homes? A Bioclimatic Analysis of Window Position and Sizes on Indoor Comfort in the Tropics , <i>Global Journal of Engineering Science and Research Management</i> , 3(1), 6-15, ISSN 2349-4506
4	Koranteng C. , Essel C, Nkrumah J. (2015). Passive Analysis of the Effect of Window Size and Position on Indoor Comfort for Residential Rooms in Kumasi, Ghana , <i>International Advanced Research Journal in Science, Engineering and Technology</i> 2(10), 114-115, ISSN 2393-8021
5	Koranteng C. , Afram S. O., and Ayeke E. (2015). A Review on Seven Principles of Architecture , <i>International Journal of Engineering Research and Development</i> , 11(11), 27-34, e-ISSN: 2278-067X
6	Koranteng C. , Amos-Abanyie S., and Afram S. O. (2015). An Evaluation of Climate Responsive Design Features of Buildings on KNUST Campus based on Mahoney Tables , <i>British Journal of Applied Science and Technology</i> , 10(1): 1-14, Article no.BJAST.17795, ISSN: 2231-0843
7	Simons B., Koranteng C. , Ayarkwa J. (2015). Practical Energy Saving Techniques For Multi-Storey Office Buildings In Accra, Ghana , <i>International Journal of Engineering and Computer Science</i> ISSN:2319-7242, 4(12), 15262-15273
8	Simons B., Koranteng C. , and Ayarkwa J. (2015). Simulation-Based Assessment of the Thermal Performance of High-Rise Office Buildings in Ghana , <i>British Journal of Applied Science & Technology</i> , ISSN: 2231-0843, DOI: 10.9734/BJAST/2015/16700
9	Koranteng C. , Afram S. O. and Essel C. (2015). An Appraisal of Sacred Spaces in Terms of Inert Strategies; a Case of Bantama, Kumasi , <i>Journal of Advances in Research</i> , 4(5): pp. 304-314, 2015, Article no.AIR.2015.085, ISSN: 2348-0394.

10	Koranteng C., Essel C., and Amos-Abanyie S. (2015). The Effect of Different Wall Materials at Different Orientations on Indoor Thermal Comfort in Residential Buildings in Kumasi, Ghana, <i>Research Journal of Engineering and Technology Vol. 1 (1), pp. 9-18.</i>
11	Addy M. N., Adinyira E., Koranteng C. (2014a). Architect's Perception on the Challenges of Building Energy Efficiency in Ghana, <i>Journal of Structural Survey, Emerald Group Publishing Limited, Vol. 32 No. 5, 0263-080X, DOI 10.1108/SS-03-2014-0014, pp. 365-376.</i>
12	Agyekum, K., Ayarkwa, J., Koranteng C. (2014a). A Holistic Survey of Dampness in a Six Bedroom Residential Apartment in Kumasi, Ghana, <i>Journal of Science and Technology, Ghana (JUST) Vol.34, No.1</i>
13	Essel, C., Koranteng C., and Asare, K. B. A. (2014). Designing for Safety During Installation and Maintenance of Split Air-Conditioners: Case Study of Commercial Buildings in Adum, <i>Educational Research (ISSN: 2141-5161) Vol. 5(8).</i>
14	Amos-Abanyie, S., Koranteng, C. and Apeatse, K.E. (2014). An Evaluation of the Effects of External Landscaping Elements on Indoor Airflow Rate and Patterns Using Computational Fluid Dynamics, <i>European Scientific Journal, Vol.10, No.14, ISSN: 1857 – 7881, ISSN 1857- 7431 286, pp. 286-299.</i>
15	Agyekum, K., Ayarkwa, J. and Koranteng, C. (2014c). A Holistic Diagnosis of Rising Damp and Salt Attack in Two Residential Buildings in Kumasi, Ghana. <i>Journal of Construction Engineering, Vol. 2014, Article ID 398627 Online), pp. 1-13.</i>
16	Simons B., Koranteng C., and Adinyira E. (2014a). Assessing Ghanaian Workplace Performance in Multi-Storey Office Buildings, <i>Journal of Developing Country Studies, ISSN 2224-607X (Paper) ISSN 2225-0565 (Online), 4(4):140-151.</i>
17	Agyekum K., Ayarkwa J., Koranteng C., and Adinyira E. (2014). An Overview of Damp Remediation Measures Practiced by Building Occupants in Ghana, <i>Journal of Building Survey, Appraisal & Valuation, 2(4): 347-359.</i>
18	Simons B., Koranteng C., and Adinyira E. (2014b). Indoor Thermal Environment: Occupants Responsiveness in 4 Multi-Storey Office Buildings in Accra, Ghana, <i>Journal of Environment and Earth Science, ISSN 2224-3216 (Paper) ISSN 2225-0948 (Online), 4(4):122-130.</i>
19	Agyekum K., Ayarkwa J., and Koranteng C. (2014d). Perceptions of Building Occupants on Effectiveness of Practiced Damp Remediation Measures in Ghana, <i>Journal of Environment and Earth Science, ISSN 2224-3216 (Paper) ISSN 2225-0948 (Online), 4(1): 121-132.</i>

20	Simons B., Koranteng C. , Adinyira E., and Ayarkwa J. (2014). An Assessment of Thermal Comfort in Multi-Storey Office Buildings in Ghana , <i>Journal of Building Construction and Planning Research</i> , 2:30-38.
21	Simons B., Koranteng C. , and Ayarkwa J. (2014). Occupants' Evaluation of the Operation, Functionality of Building Control Systems and Energy Implications in Multi-Storey Office Buildings in Ghana , <i>Journal of Energy Technologies and Policy</i> , ISSN 2224-3232 (Paper) ISSN 2225-0573 (Online), 4(2):48-58.

Conference/Seminar and Workshop Publications

1	Tagoe M, and Koranteng C. (2017). Improving Creativity in Architectural Form Development: Use of Themes Generated from Objects in the Physical Environment , <i>4th NAD-KIDeC Conference, September 11-13, KNUST, Kumasi Ghana</i>
2	Otchere-Darko E., Koranteng C. , and Opoku R. (2017). An Evaluation of shading for UHI Adaptation: A Post-Construction CFD Simulation of the Kejetia Project , <i>4th NAD-KIDeC Conference, September 11-13, KNUST, Kumasi Ghana</i>
3	Ziwu E. M., and Koranteng C. , and Simons B. (2017). An Evaluation on the Sufficiency of Lighting in an Academic Environment: Examination Centres at the College of Art and Built Environment, KNUST , <i>4th NAD-KIDeC Conference, September 11-13, KNUST, Kumasi Ghana</i>
4	Nyame-Tawiah D., and Koranteng C. and Atuah L. (2017). Validation of Predicted Mean Air Temperature of a Green Roof Using Measured Data from Experimental Test Cells , <i>4th NAD-KIDeC Conference, September 11-13, KNUST, Kumasi Ghana</i>
5	Klu E. E., and Koranteng C. And Essel C. (2017). An Assessment of Gated Communities Based on the Principles of sustainable Community: Cases at Oyarifa, Accra, Ghana , <i>4th NAD-KIDeC Conference, September 11-13, KNUST, Kumasi Ghana</i>
6	Kuntah A. D., and Koranteng C. And Amos-Abanyie S. (2017). The Impact of Career Information Adequacy and Interest on the Performance Levels of Architecture Students in KNUST , <i>4th NAD-KIDeC Conference, September 11-13, KNUST, Kumasi Ghana</i>
7	Koranteng, C. , Essel, C., and Simons, B. (2017). Going Natural: An Occurrence Leading to the Reduction of Cooling Loads of Office Buildings , <i>6th International Conference in Infrastructure Development, April 12-15, KNUST, Kumasi, Ghana.</i>
8	Koranteng, C. , Simons, B. and Essel, C. (2017). An Empirical Analysis of the Thermal Performance of Curtain Wall Office Buildings in Ghana: The Window To Wall Ratio Effect , <i>6th International Conference in Infrastructure Development, April 12-15, KNUST, Kumasi, Ghana.</i>
9	Koranteng, C. , Simons, B. and Essel, C. (2017). Fraction of Time: A Phenomenon Towards the Reduction of Indoor Discomfort in Office Buildings, Ghana , <i>6th International Conference in Infrastructure Development, April 12-15, KNUST, Kumasi, Ghana.</i>

10	Simons, B., Koranteng, C. , and Ayarkwa, J. (2017). A Tale of Two Cities: Comparative Analysis of the Thermal Performance of Glazed Office Buildings in Ghana , <i>6th International Conference in Infrastructure Development, April 12-15, KNUST, Kumasi, Ghana.</i>
11	Amos-Abanyie, S., Koranteng, C. , and Simons, B. (2017). Validation of Simulated Mean Air Temperature of a Test Cell , <i>6th International Conference in Infrastructure Development, April 12-15, KNUST, Kumasi, Ghana.</i>
12	Amos-Abanyie, S., Kwofie, T. E. and Koranteng, C. (2015). Environmental Noise Exposure on Occupants in Naturally Ventilated Open-Plan Offices: Case of Selected Offices in Kumasi, Ghana , <i>1st International Conference in Engineering, Science, Technology and Entrepreneurship, KNUST, Ghana.</i>
13	Yeboah F., Simons B., and Koranteng, C. (2015). Sustainable Mid Rise Office Building in Ghana – Evaluation of Selected Buildings , <i>1st International Conference in Engineering, Science, Technology and Entrepreneurship, KNUST, Ghana.</i>
14	Amos-Abanyie, S., Koranteng, C. , Duah D. (2015). Energy Efficient Encryption Technique for Real Time Applications , <i>1st International Conference in Engineering, Science, Technology and Entrepreneurship, KNUST, Ghana.</i>

<i>Details of Research or Projects undertaken before 2015</i>	
1	Simons B., Koranteng C. , and Ayarkwa J. (2015). Simulation-Based Assessment of the Thermal Performance of High-Rise Office Buildings in Ghana , <i>British Journal of Applied Science & Technology</i> , ISSN: 2231-0843, DOI: 10.9734/BJAST/2015/16700
2	Koranteng C. , Afram S. O. and Essel C. (2015). An Appraisal of Sacred Spaces in Terms of Inert Strategies; a Case of Bantama, Kumasi , <i>Journal of Advances in Research</i> , 4(5): pp. 304-314, 2015, Article no.AIR.2015.085, ISSN: 2348-0394.
3	Koranteng C. , Essel C., and Amos-Abanyie S. (2015). The Effect of Different Wall Materials at Different Orientations on Indoor Thermal Comfort in Residential Buildings in Kumasi, Ghana , <i>Research Journal of Engineering and Technology Vol. 1 (1)</i> , pp. 9-18.
4	Addy M. N., Adinyira E., Koranteng C. (2014a). Architect's Perception on the Challenges of Building Energy Efficiency in Ghana , <i>Journal of Structural Survey</i> , Emerald Group Publishing Limited, Vol. 32 No. 5, 0263-080X, DOI 10.1108/SS-03-2014-0014, pp. 365-376.
5	Agyekum, K., Ayarkwa, J., Koranteng C. (2014a). A Holistic Survey of Dampness in a Six Bedroom Residential Apartment in Kumasi, Ghana , <i>Journal of Science and Technology, Ghana (JUST) Vol.34, No.1</i>
6	Essel, C., Koranteng C. , and Asare, K. B. A. (2014). Designing for Safety During Installation and Maintenance of Split Air-Conditioners: Case Study of Commercial Buildings in Adum , <i>Educational Research (ISSN: 2141-5161) Vol. 5(8)</i> .
7	Amos-Abanyie, S., Koranteng, C. and Apeatse, K.E. (2014). An Evaluation of the Effects of External Landscaping Elements on Indoor Airflow Rate and Patterns Using Computational Fluid Dynamics , <i>European Scientific Journal, Vol.10, No.14, ISSN: 1857 – 7881, ISSN 1857- 7431 286</i> , pp. 286-299.
8	Agyekum, K., Ayarkwa, J. and Koranteng, C. (2014c). A Holistic Diagnosis of Rising Damp and Salt Attack in Two Residential Buildings in Kumasi, Ghana . <i>Journal of Construction Engineering, Vol. 2014, Article ID 398627 Online</i> , pp. 1-13.

Details of Research or Projects undertaken before 2015 Cont'd

9	Simons B., Koranteng C. , and Adinyira E. (2014a). Assessing Ghanaian Workplace Performance in Multi-Storey Office Buildings , <i>Journal of Developing Country Studies</i> , ISSN 2224-607X (Paper) ISSN 2225-0565 (Online), 4(4):140-151.
10	Agyekum K., Ayarkwa J., Koranteng C. , and Adinyira E. (2014). An Overview of Damp Remediation Measures Practiced by Building Occupants in Ghana , <i>Journal of Building Survey, Appraisal & Valuation</i> , 2(4): 347-359.
11	Simons B., Koranteng C. , and Adinyira E. (2014b). Indoor Thermal Environment: Occupants Responsiveness in 4 Multi-Storey Office Buildings in Accra, Ghana , <i>Journal of Environment and Earth Science</i> , ISSN 2224-3216 (Paper) ISSN 2225-0948 (Online), 4(4):122-130.
12	Agyekum K., Ayarkwa J., and Koranteng C. (2014d). Perceptions of Building Occupants on Effectiveness of Practiced Damp Remediation Measures in Ghana , <i>Journal of Environment and Earth Science</i> , ISSN 2224-3216 (Paper) ISSN 2225-0948 (Online), 4(1): 121-132.
13	Simons B., Koranteng C. , Adinyira E., and Ayarkwa J. (2014). An Assessment of Thermal Comfort in Multi-Storey Office Buildings in Ghana , <i>Journal of Building Construction and Planning Research</i> , 2:30-38.
14	Simons B., Koranteng C. , and Ayarkwa J. (2014). Occupants' Evaluation of the Operation, Functionality of Building Control Systems and Energy Implications in Multi-Storey Office Buildings in Ghana , <i>Journal of Energy Technologies and Policy</i> , ISSN 2224-3232 (Paper) ISSN 2225-0573 (Online), 4(2):48-58.
15	Koranteng C. and Essel C. (2013). The Effects of Students' Background on Academic Performance in an Architecture School , <i>Journal of Applied Science Research (AASR)</i> , ISSN 0975-508X, 5 (5):68-74.
16	Koranteng C. , Essel C. and Nkrumah J. (2013). A Pioneer Study on Residential Electric and Magnetic Fields: The Case of a House at Fumesua, Ashanti Region, Ghana , <i>Journal of Applied Science Research</i> , (AASR, ISSN 0975-508X), 5 (5):100-104.
17	Agyekum K., Ayarkwa J., Koranteng C. , and Adinyira E. (2013). An Overview of the Symptoms Associated with Dampness in Walls of Residential Buildings in Major Towns in Ghana , <i>Civil and Environmental Research</i> , Vol.3, No.9 (ISSN 2224-5790):1-10.

Details of Research or Projects undertaken before 2015 Cont'd

18	Essel C. and Koranteng C. (2013). The Relationship Between Performance and Year of Enrolment at an Architecture School, Kumasi, Ghana , <i>Merit Research Journal of Education and Review (ISSN: 2350-2282) Vol. 1(9) pp. 197-202.</i>
19	Agyekum K., Ayarkwa J., Koranteng C. , and Adinyira E. (2013). Preliminary Assessment of Dampness in Walls of Residential Buildings in Four Climatic Zones in Ghana , <i>Journal of Sustainable Development, Vol.6, No.9 (ISSN 1931-9063):51-61.</i>
20	Agyekum K., Ayarkwa J., Koranteng C. , and Adinyira E. (2013). Level of Knowledge of Building Occupants on Dampness in Walls of Residential Buildings in Ghana , <i>Modern Management Science and Engineering, Vol.1, No.2 (ISSN 2052-2576):171-185.</i>
21	Appah, D. J. and Koranteng, C. (2012). A Thermal Comfort Evaluation of a Junior High School Building in Accra, GHANA , <i>Journal of Construction Project Management and Innovation Vol. 2 (2): 403-423.</i>
22	Koranteng C. and Simons B. (2012). An Investigation into the Use of Natural Lighting in Three Students' Hostels: A Case Study of Ayeduase, A Suburb of Kumasi, Ghana , <i>Journal of Science and Technology, Ghana (JUST) Vol.32, No.3, pp.38-48.</i>
23	Simons B. and Koranteng C. (2012). Residents' Perception of the Built Environment Quality in an Orphanage , <i>International Journal of Applied Science Research, 3 (1):19-30.</i>
24	Appah-Dankyi J. and Koranteng C. (2012). An Assessment of Thermal Comfort in a Warm and Humid School Building at Accra, Ghana , <i>International Journal of Applied Science Research, 3 (1):535-547.</i>
25	Simons B., Koranteng C. and Woanyah-Deladem S. (2012). Thermal Comfort Evaluation of High-rise Buildings in Accra, Ghana , <i>International Journal of Applied Science Research, 3 (1):502-507.</i>
26	Koranteng. C. and Simons. B. (2012). An Evaluation of Natural Lighting Levels in Students' Hostels in a Suburb of Kumasi, Ghana , <i>International Journal of Applied Science Research, 3 (1):548-554.</i>
27	Koranteng. C. and Simons. B. (2011). Contrasting the Principles Behind the Orientation of Building Forms and Location of Spatial Components Around the Globe . <i>Journal of Science and Technology, Ghana (JUST) Vol.31, No.3, pp.77-85.</i>

Details of Research or Projects undertaken before 2015 Cont'd

28	Koranteng. C. (2011). The Thermal Performance of an Educational Office Building in Ghana , <i>International Journal of Applied Science Research</i> , 3 (4):222-232.
29	Koranteng. C. (2011). A Thermal Comfort Evaluation in Low-Rise Office Buildings in Ghana , <i>International Journal of Applied Science Research</i> , 3 (5):165-178.
30	Dibra. A., Mahdavi. A. and Koranteng. C. (2011). An Analysis of User Behaviour and Indoor Climate in an Office building in Kosovo , <i>International Journal of Applied Science Research</i> , 2 (5):48-63.
31	Koranteng. C. , Nyame-Tawiah. D. and Quansah, E. (2011). A Psychrometric Analysis of Thermal Comfort in Low-Rise Office Buildings in Ghana , <i>Journal of Science and Technology, Ghana (JUST) Vol.31, No.1</i> , pp 76-88.
32	Koranteng. C. and Mahdavi. A. (2011). An Investigation into the Thermal Performance of Office Buildings in Ghana , <i>International Journal on Energy and Buildings (EnB)</i> , Vol: 43, pp 555–563.
33	Koranteng. C. (2011). Evaluating the Effects of Orientation on the Thermal Performance of Residential Buildings in Ghana , <i>International Journal of Engineering Science</i> , Vol.3, No.3, pp 1-7.
34	Koranteng. C. (2010). The Energy Performance of Office Buildings in Ghana , <i>Journal of Science and Technology, Ghana (JUST) Vol.30, No.2</i> , pp 114-127.
35	Koranteng. C. (2010). The Evaluation of Occupants' Behaviour and Preferences in Office Buildings in Ghana , <i>Journal of Science and Technology, Ghana (JUST) Vol.30, No.32</i> , pp.64-79.

**Conference/Seminar and Workshop Publications before MAY
2015**

1	Amos-Abanyie, S., Kwofie, T. E. and Koranteng, C. (2015). Environmental Noise Exposure on Occupants in Naturally Ventilated Open-Plan Offices: Case of Selected Offices in Kumasi, Ghana , <i>1st International Conference in Engineering, Science, Technology and Entrepreneurship, KNUST, Ghana.</i>
2	Koranteng C., Essel C., and Amos-Abanyie S. (2015). The Effect of Different Wall Materials at Different Orientations on Indoor Thermal Comfort in Residential Buildings in Kumasi, Ghana , <i>International Conference on Infrastructure Development in Africa (ICIDA) 2015, KNUST, Kumasi, Ghana, March 25-27.</i>
3	Afram S. O., Essel C., and Koranteng C. (2015). An Assessment of Sacred Spaces in Terms of Passive Strategies: A Case at Bantama, Kumasi , <i>International Conference on Infrastructure Development in Africa (ICIDA) 2015, KNUST, Kumasi, Ghana, March 25-27.</i>
4	Addy, M., Adinyira, E. and Koranteng, C. (2014b). A Review of Research Methodologies in Building Energy Efficiency Assessment In: Laryea, S. and Ibem, E. (Eds) <i>Proceedings 8th Construction Industry Development Board (cidb) Postgraduate Conference</i> , 10-11 February 2014, University of the Witwatersrand, Johannesburg, South Africa, 85-100.
5	Agyekum, K., Ayarkwa, J., Koranteng C. (2014b). A Holistic Survey of Dampness in a Three Bedroom Residential Bungalow in Kumasi, Ghana , In: Ejohwomu, O. and Oshodi, O. (Eds), <i>Procs 3rd International Conference on Infrastructure Development in Africa (ICIDA)</i> , 17-19 March 2014, Abeokuta, Nigeria.
6	Addy M. N., Adinyira E., and Koranteng C. (2014c). Architects' Perception on the Challenges of Building Energy Efficiency in Ghana , <i>Proceedings: 3rd International Conference on Infrastructure Development in Africa (ICIDA)</i> , 17-19 March, 2014 Abeokuta, Nigeria, 103-113, pp. 103-112.
7	Agyekum K., Ayarkwa J., and Koranteng C. (2014d). A Holistic Survey of Dampness in a Three Bedroom Residential Bungalow in Kumasi, Ghana , <i>Proceedings: 3rd International Conference on Infrastructure Development in Africa (Icida)</i> , 17-19 March, 2014 Abeokuta, Nigeria, 366-384.

Conference/Seminar and Workshop Publications before MAY 2015
cont'd

8	Koranteng C., Assasie Oppong R., and Essel C. (2013). An Assessment into the Effects of Students' Background on Academic Performance: The Case of the Department of Architecture, Kumasi, Ghana, <i>3rd International Conference on Design, Development & Research</i> , Faculty of Art, College of Art & Social Sciences, Kwame Nkrumah University of Science and Technology, Kumasi – Ghana, July 18-20, pp.16-26.
9	Quansah E., Essel C. and Koranteng C. (2013). Improving Design Skills of Architectural Students through the Application of Concepts and Critiques, <i>3rd International Conference on Design, Development & Research</i> , Faculty of Art, College of Art & Social Sciences, Kwame Nkrumah University of Science and Technology, Kumasi – Ghana, July 18-20, pp.62-72.
10	Simons B., Koranteng C. and Nkrumah J. (2013). Assessing Thermal Comfort and Design Strategies of Residential Houses in Ghana, <i>3rd International Conference on Design, Development & Research</i> , Faculty of Art, College of Art & Social Sciences, Kwame Nkrumah University of Science and Technology, Kumasi – Ghana, July 18-20, pp.122-132
11	Agyekum K., Ayarkwa J., Koranteng C., and Adinyira E. (2013). Level of Practice and Effectiveness of Damp Remediation Measures in Walls of Residential Buildings in Ghana, <i>3rd International Conference on Design, Development & Research</i> , Faculty of Art, College of Art & Social Sciences, Kwame Nkrumah University of Science and Technology, Kumasi – Ghana, July 18-20, pp. 297-311
12	Simons B., Odame B. G., and Koranteng C. (2013). The Visual Performance of Common Spaces and its Effect on Occupants' Satisfaction in Educational Buildings, <i>3rd International Conference on Design, Development & Research</i> , Faculty of Art, College of Art & Social Sciences, Kwame Nkrumah University of Science and Technology, Kumasi – Ghana, July 18-20, pp. 312-323.
13	Agyekum K., Ayarkwa J., Koranteng C., and Adinyira E. (2013). Level of Practice and Effectiveness of Damp Remediation Measures in Walls of Residential Buildings in Ghana, <i>2nd Applied Research Conference in Africa (ARCA 2013), AUGUST 1-3, KNUST, Kumasi, Ghana.</i>
14	Essel C. and Koranteng C. (2012). An Exploration into energy Efficiency Measures of Residential Buildings: A Case Study of Asuakwa-Sunyani, Ghana, <i>1st International Conference on Infrastructure Development in Africa</i> , College of Architecture and Planning, KNUST, Kumasi, Ghana, March 22 - 24.

Conference/Seminar and Workshop Publications before MAY 2015
cont'd

15	Simons B. and Koranteng C. (2012). An Investigation into the Use of Natural Lighting in Three Students' Hostels: A case Study of Ayeduase, A Suburb of Kumasi, Ghana , <i>1st International Conference on Infrastructure Development in Africa</i> , College of Architecture and Planning, KNUST, Kumasi, Ghana, March 22 - 24.
16	Nkrumah J. and Koranteng C. (2012). The Thermal Properties of Glazing in the Construction of Emerging Multi-Storey Buildings at Adum, Kumasi (Ghana) , <i>1st International Conference on Infrastructure Development in Africa</i> , College of Architecture and Planning, KNUST, Kumasi, Ghana, March 22 - 24.
17	Wonyah-Deladem S. Koranteng C. and Quansah E. (2012). The Subjective Feelings of thermal Comfort in Four High-Rise buildings in Accra, Ghana , <i>1st International Conference on Infrastructure Development in Africa</i> , College of Architecture and Planning, KNUST, Kumasi, Ghana, March 22 - 24.
18	Appah-Dankyi J. and Koranteng C. (2012). A Thermal Comfort Evaluation of a Junior High School Building in Accra, Ghana , <i>1st International Conference on Infrastructure Development in Africa</i> , College of Architecture and Planning, KNUST, Kumasi, Ghana, March 22 - 24.
19	Koranteng. C. and Mahdavi, A. (2011). The Thermal Behaviour of Low-Rise Office Buildings in Ghana , <i>Ghana Green Building Council Workshop</i> , Accra, August 18.
20	Simons. B., Quansah. E. and Koranteng. C. (2011). Energy Reduction Strategies of Office Buildings in Ghana , <i>4th Annual Applied Research Conference</i> , Koforidua, July 11-14.
21	Koranteng. C. , Amos-Abanyie, S. and Nkrumah. J. (2011). The Thermal Analysis of Residential Buildings in Kumasi (Ghana) , <i>4th Annual Applied Research Conference</i> , Koforidua, July 11-14.
22	Koranteng. C. , Mahdavi, A. and Dibra. A. (2011). A Case Study of User Behaviour and Indoor Climate in an Office Building in Kosovo , <i>27th Biennial Conference of the Ghana Science Association</i> , Kumasi, July 10-15.
23	Simons. B., Olympio. G. and Koranteng. C. (2011). The Impact of the Built Environment on the Development and Well-Being of Children in Ghana , <i>27th Biennial Conference of the Ghana Science Association</i> , Kumasi, July 10-15.

Conference/Seminar and Workshop Publications before MAY 2015
cont'd

24	Nkrumah. J., Essel. C., Nyame-Tawiah. D. and Koranteng. C. (2011). A Study of the Effects of Orientation on the Thermal Performance of Residential Buildings in Ghana , <i>27th Biennial Conference of the Ghana Science Association</i> , Kumasi, July 10-15.
25	Quansah. E., Koranteng. C. and Mawupemor-Woyome. A. (2011). An Evaluation of Indoor Climate of Residential Buildings in Kumasi (Ghana) , <i>27th Biennial Conference of the Ghana Science Association</i> , Kumasi, July 10-15.
26	Nyame-Tawiah. D., Koranteng. C. and Mawupemor-Woyome. A. (2011). Bioclimatic and Design Strategies Analysis Towards the Improvement of Comfort in Semi-Detached Houses in Ghana , <i>West African Built Environment Research Conference</i> , Accra, July 19-21.
27	Nkrumah. J., Koranteng. C. and Safo-Kantanka. K. (2011). The Thermal Performance of An Educational Office Building in Ghana , <i>West African Built Environment Research Conference</i> , Accra, July 19-21.
28	Simons. B., Essel. C. and Koranteng. C. (2011). The Concurrent Use of Efficient Materials and Technology Towards the Thermal Retrofit Potential of Office Buildings in Kumasi, Ghana , <i>West Africa and West Africa Building and Construction Seminar</i> , Accra, May 4-6.
29	Koranteng. C. , Simons. B. and Nkrumah. J. (2011). The Effects of Improved Building Materials on the Thermal Performance of Residential Buildings , <i>West Africa and West Africa Building and Construction Seminar</i> , Accra, May 4-6.
30	Nyame-Tawiah. D., Koranteng. C. and Nkrumah. J. (2011). Decreasing Overheating in Residential Buildings in Kumasi, Ghana , <i>2nd Joint International Conference on Climate Change and Sustainable Development</i> , University of Ilorin, Ilorin, Nigeria, May 1-5.
31	Koranteng. C. , Essel. C. and Nyame-Tawiah. D. (2011). Reductions in Cooling Loads and Carbon Dioxide Emissions of Office Buildings in Kumasi, Ghana , <i>2nd Joint International Conference on Climate Change and Sustainable Development</i> , University of Ilorin, Ilorin, Nigeria, May 1-5.
32	Simons. B., Nyame-Tawiah. D. and Koranteng. C. (2011). The Situation of Climate Change Issues in Ghana , <i>2nd Joint International Conference on Climate Change and Sustainable Development</i> , University of Ilorin, Ilorin, Nigeria, May 1-5.

Conference/Seminar and Workshop Publications before MAY 2015
cont'd

33	Simons. B. and Koranteng. C. (2010). A Study Of The Impact Of A Well-Organized Spatial Planning Of Orphanages On The Development And Well-Being Of Children In Ghana , Conference Theme: Accelerating National Development Through Decentralisation and Good Local Governance, Institute of Local Government Studies and Centre for Settlement Studies, KNUST, Kumasi, Ghana, December 14-15.
34	Quansah. E., Nyame-Tawiah. D. and Koranteng. C. (2010). The Spatial Planning of Suame Magazine Towards an Efficient and a Healthy Environment , Conference Theme: Accelerating National Development Through Decentralisation and Good Local Governance, Institute of Local Government Studies and Centre for Settlement Studies, KNUST, Kumasi, Ghana, December 14-15.
35	Koranteng. C. and Mahdavi. A. (2010a). A Study into the Thermal Performance of Low-Rise Office Buildings in Ghana , <i>Third German-Austrian Conference, Building Performance Simulation in a Changing Environment, BauSIM 2010, Vienna University of Technology, September 22-24, pp. 92-99.</i>
36	Koranteng. C. (2010). Building Occupants' Perception of Indoor Climate and Health Complaints in Office Buildings in Ghana . <i>1st International Postgraduate Research on the Built Environment, KNUST, Kumasi, Ghana, June 3-4.</i>
37	Koranteng. C. (2010). Using Concepts to Support Creative Form Formation Process in Architecture . <i>1st International Postgraduate Research on the Built Environment, KNUST, Kumasi, Ghana, June 3-4.</i>
38	Koranteng. C. and Mahdavi. A. (2010b). An Examination of the Thermal Performance of Low-Rise Office Buildings in Kumasi, Ghana . <i>1st International Postgraduate Research on the Built Environment, KNUST, Kumasi, Ghana, June 3-4.</i>
39	Koranteng. C. and Mahdavi. A. (2010c). An Inquiry into the Thermal Performance of Five Office Buildings in Ghana , <i>10th Rehva World Congress, Sustainable Energy Use in Buildings, CLIMA 2010, Antalya, Turkey, May 9-12.</i>

Book Publications

1	Koranteng C. (2012). Architectural Essays. Chris Publications, Kumasi, Ghana, 222p.
2	Koranteng C. (2012). Tumbling F's and I's. Chris Publications, Kumasi, Ghana, 87p.
3	Koranteng C. (2012). Active Perception in Form Development. Chris Publications, Kumasi, Ghana, 91p.

**3. Record of service to the community
(University/National/International):**

(a) Service to the University:

Item	Year
Representing KNUST on the Governing Council of the Spiritan University College, Ejisu	2018 to Date
Representing the Provost at the 47 th Annual General Conference of the Ghana Institute of Planners, Theme: Planned Cities: A Key Factor in Effective Sanitation Service Delivery, Nov. 30 – Dec. 1, KNUST	2018
Representing the Provost at the Evaluation of MCF Scholarship Programme, September 13, KNUST	2018
Vice Dean, Faculty of Built Environment, CAFE	2018 to Date
Head, Department of Architecture, KNUST	2018 to Date
Acting, Head, Department of Architecture, KNUST	2017/ 18
Coordinator of Graduate Programmes at the Department of Architecture, KNUST	2017/ 18
College Exams Officer, CAFE	2015 to 2018
Acting position as the College Examinations Officer (Supplementary Exams 2015)	July 2015
Departmental Exams Officer	Up to Sept. 2015
Member, College of Art and Built Environment Board	2016 to Date
Member, College of Art and Built Environment Management Board	2018/ 19 to Date

Member, Faculty of Built Environment Board	2016 to Date
Member, Department of Architecture Board	2015 to Date
Chairman, Design, Climate, Science and Environment Research Group, CABE	2018 to Date
Chairman, Committee to Develop M.Sc. in Building Science and Technology for the Department of Architecture, KNUST	2018
Member, Panel to Interview applicants into M. Arch, M.Phil and M.Sc programmes at the Department of Architecture, KNUST	2018
Member, Selected Stakeholder of the on-going College Complex at CABE	2018
Member, Panel to Interview applicants into a PhD programme at the Department of Architecture, KNUST	2017
Member, Finance and Revenue Mobilization Committee, CABE	2016/ 2017
Member of the Management Board of the KNUST Energy Centre	2010 to Date
Member of the College of Art and Built Environment Library Committee	2012 to Date
Editorial Board Member (College Representative), Journal of Science and Technology	2016 to Date
Review Member, Journal of Art and Built Environment	2017 to Date
Review Member, 6 th International Conference on Infrastructure Development in Africa, ICIDA 2017	2016/ 2017
Review Member, Journal of Science and Technology	2015 to Date

Review Member, Journal of (Science Domain International) International Scholars Journal Advanced Scholars Journal Scientific Research Essays	2017 to Date
Member, Committee on Feedback from Industries and Professional Bodies on Performance of Graduates of KNUST	2017
Member, Committee of Tracer Studies for KNUST	2017
Member, Committee to Review and Regulate Teaching and Examinations Time Tables and Use of Classrooms Across the University	2016 to 2018
Member, Committee for Departmental Publications, Department of Architecture	2016/2017
Member, Examinations Coordinating Committee, KNUST	2015 - 2018
Resource Person on Rules and Regulations of Examinations for Freshers	2016
Member of the organizing committee of the 4th International Conference on Infrastructure Development in Africa (ICIDA)	2015
Member of a committee to Assess M.Arch and M.Sc Research Synopsis	2015
Member of a committee to Assess PhD and M.Phil Research Synopsis	2015
Member of a committee to draft and address comments on the newly introduced PhD programme in Architecture	2015
Member of a panel to assess progress work of PhD students at the WASCAL CCLU, College of Engineering	2015
Member of a panel to present the results of the study on Rising Dampness to the Ghana Institute of Construction as part of their continuing professional development series	2015

Special Awards/Recognition: Award of Overall Senior Member (KNUST), Research and Scholarship	2015
Financial/Material Resource Mobilization: Research Collaboration funded by the Energy Commission, Ghana on Profiling Workplace Behaviour on the Use of Air-Conditioners in Public Buildings (Amount: 30000 GHS)	2016/ 2017 to Date
Donation of 20 copies of 'The 7 Habits of Highly Effective People' to the Department of Architecture, KNUST (Amount: 500 GHS)	2018
Financial support of Three Thousand Ghana cedis (3000 GHS) to Miss E. Ayeke to attend the Global Bamboo and Rattan Congress in China	2018
Coordinator of Graduate Programmes at the Department of Architecture, KNUST without any allowance (Amount: ca. 30000 GHS)	2017/ 18
Financial support of five hundred Ghana cedis (3000 GHS) to Mr. M. Tagoe towards his printing, new laptop and upkeep	2015/ 16
Served as an Academic Tutor to students	2018/ 2019
Served as an Academic Tutor to students	2017/ 2018
Served as an Academic Tutor to students	2016/ 2017
Served as an Academic Tutor to students	2015/ 2016

3(b) Service: National

Nr.	Item	Year
	Representing KNUST on the Governing Council of the Spiritan University College, Ejisu	2018 to Date
	External Assessor and Reviewer of Promotion Documents for Council of Scientific and Industrial Research, Ghana. The Case of Arc. Kwadwo Ampofo-Twumasi (Research Scientist to Snr. Research Scientist Position)	2018
	External Assessor and Reviewer of Promotion Documents for Council of Scientific and Industrial Research, Ghana. The Case of Arc. Joseph Agyei-Danquah (Research Scientist to Snr. Research Scientist Position)	2018
	External Assessor and Reviewer of Promotion Documents for Pentecost University College, Ghana. The Case of Dr. Joseph Teye Ignatious Buerthey (Lecturer to Snr. Lecturer Position)	2017
	Member, Education and Exams Committee of the Architects Registration Council, Ghana	2018 to Date
	Member, Barekese Invigilation Team for the Nursing and Midwifery Terminal Exams	2018
	Member, Invigilation Team for the Ghana Police Service Entrance Exams	2018
	Member, Ghana Green Building Technical Committee towards the Adaptation of Green Building Standards for Ghana	2011 to Date

3 (c) Service: International

Nr.	Item	Year
1	Reviewer for the Following International Journals <ul style="list-style-type: none"> • <i>International Scholars Journal</i> • <i>Advanced Scholars Journal</i> • <i>Scientific Research Essays</i> 	2011 to Date
	Editorial Board Member of the Journal of Science and Technology	2016 to Date