

**KWAME NKRUMAH UNIVERSITY OF  
SCIENCE AND TECHNOLOGY, KUMASI,  
GHANA**

Prof. Arc. Dipl.-Ing. Dr. techn. **Christian KORANTENG**

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



**CURRICULUM VITAE**



**DECEMBER 2022**

**KWAME NKRUMAH UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
**Department of Architecture**  
**College of Architecture and Planning**

**CURRICULUM VITAE**

FULL NAME : CHRISTIAN KORANTENG

DATE OF BIRTH : 17<sup>th</sup> August 1971

PLACE OF BIRTH : Kumasi, Ghana

LANGUAGES SPOKEN : English, German and Twi

ASSOC. PROF : Aug. 2015 to Date  
SNR. LECTURER : Oct. 2010 to Sep.2015  
LECTURER : Dec. 2003 to Sep. 2010

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  
  
Outstanding Performance at the 2012 Professional  
Practice Examinations of the Architects Registration  
Council of Ghana  
  
Outstanding Presentation (Engineering Stream) at the 4<sup>th</sup>  
Annual Applied Research Conference of Koforidua  
Polytechnic, Koforidua, July 11-14, 2011

**(a) Academic degrees earned with dates:**

Dr.techn (Architecture)	21 <sup>st</sup> Jan. 2010
Dipl.-Ing. (Chartered Architect)	27 <sup>th</sup> 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:**

	<b>Academic Rank</b>	<b>Year</b>
1.	<p><b>Vice Dean, Faculty of Built Environment, CAFE, KNUST</b>  <i>Activities/Milestones: (Represented the Provost on the following occasions):</i></p> <p>Evaluation of MCF Scholarship Programme at KNUST</p> <p>Special Guest to the AGM of the Planning Association of Ghana</p> <p>Strengthening Institutional Linkage, KNUST and Ramapo College</p> <p>Launching of Fidelity Banks, KNUST Branch</p> <p>Continues Professional Development Session organized by CoHSS and KIES</p> <p>Received Hon. Freda Prempeh, the Deputy Minister for Works and Housing at the Ghana Beyond Aid Seminar organised by FABESS at KNUST</p> <p>Chancellors Week Programme, Chancellors Cup at KNUST</p> <p>International Students Evening organised by CoHSS, KNUST</p> <p>Courtesy Call on University Management by US Ambassador to Ghana at KNUST</p> <p>Faculty Development Symposium and Dinner, KNUST</p> <p>Lecture on Good Corporate Governance and IoD-GH Membership Information Talk</p> <p>Special Guest to the Opening and Closing Ceremonies of the 2019 KNUST Stem Camp for Girls</p>	<p>August 2018 to 2019</p>

	<p><i>Representing the Dean on the following occasions:</i></p> <p>College Open Day and Exhibition</p> <p>Ghana Institute of Planners 47<sup>th</sup> Conference on Planned Cities, A Key Factor in Effective Sanitation Service Delivery</p> <p>International Year of the Periodic Table Conference, KNUST</p>	
2.	<p><b>Head</b>, Department of Architecture, CABE, KNUST</p> <p><i>Activities/Milestones:</i></p> <p>Led the Department through a successful international accreditation leading to a 5-year unconditional validation (CAA/ARC/GIA) of our programmes</p> <p>Introduced a new vision to guide the growth of the Department</p> <p>Introduced a Talk series: Do Original Things as a bridge to new frontiers</p> <p>Contacts have been made with the following firms to bridge the gap between theory and practice</p> <ul style="list-style-type: none"> <li>• Sir David Adjaye and Associates</li> <li>• Saint Gobain International</li> <li>• Nickseth Company Ltd</li> <li>• Stivo Company Ltd</li> <li>• DBS Company Ltd</li> <li>• Raincoat Company Ltd</li> </ul> <p>Staff Promotions: 3 members promoted to various levels</p> <p>Appointments: 5 Architects as Part-Time Assistant Lecturers to help during studio hours (4 Applicants awaiting final decision by UAPC)</p> <p>Graduation: Backlog cleared of students who enrolled in our M.Sc. and MPhil programmes</p> <p>PhD Students: First cohort have successfully defended their theses (one pending)</p> <p>New Programmes: Submitted 4 programmes to the Faculty Board for consideration</p>	August 2018 to 2022

	<p>Submitted Re-accreditation documents on 5 programmes being run by the Department</p> <p>Equipment: Every Class has a Projector to help in teaching and learning</p> <p>Community Impact: Design of Kumasi Children's park and others by the Department, etc</p>	
3.	College and Departmental Examinations Officer, Dept. of Architecture & CABE	2013 to 2018
4.	Coordinator of Graduate Programmes, Department of Architecture, CABE, KNUST	2017/18
5.	Associate Professor, KNUST	August 2015 to Date
6.	Senior Lecturer, KNUST	October 2010 to 2015
7.	Lecturer, KNUST	December 2003 to 2010

### Subjects Taught

<b>Course Code</b>	<b>Course Name/Description</b>	<b>Academic Year</b>
ARC 805	Computer Applications to Architectural Design	2021/22
ARC 255	Building Science and Services III - Natural Lighting and Applied Acoustics (Architecture Year Two, KNUST)	2021/22
ARC 461	Research Writing I (Architecture Year Four, KNUST)	2021/22
ARC 557	Urban Studies and Design Studio I (Master of Architecture Year One, KNUST)	2021/22
ARC 558	Urban Studies and Design Studio II (Master of Architecture Year One, KNUST)	2021/22
ARC 462	Research Writing II	2021/22
ARC 364	Research Methodology (Architecture Year Three, KNUST)	2021/22

## Academic Ranks held, and subjects taught cont'd

Course Code	Course Name/Description	Academic Year
ARC 805	Computer Applications to Architectural Design	2020/21
ARC 255	Building Science and Services III - Natural Lighting and Applied Acoustics (Architecture Year Two, KNUST)	2020/21
ARC 461	Research Writing I (Architecture Year Four, KNUST)	2020/21
ARC 557	Urban Studies and Design Studio I (Master of Architecture Year One, KNUST)	2020/21
ARC 558	Urban Studies and Design Studio II (Master of Architecture Year One, KNUST)	2020/21
ARC 462	Research Writing II	2020/21
ARC 364	Research Methodology (Architecture Year Three, KNUST)	2020/21
ARC 805	Computer Applications to Architectural Design	2019/20
ARC 255	Building Science and Services III - Natural Lighting and Applied Acoustics (Architecture Year Two, KNUST)	2019/20
ARC 461	Research Writing I (Coordinator, Architecture Year Four, KNUST)	2019/20
ARC 457	Multi Criteria Architectural Design (Architecture Year Four, KNUST)	2019/20
ARC 458	Multi Criteria Architectural Design (Architecture Year Four, KNUST)	2019/20
ARC 462	Research Writing II	2019/20
ARC 364	Research Methodology (Architecture Year Three, KNUST)	2019/20

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**Academic Ranks held, and subjects taught cont'd**

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<b>Course Code</b>	<b>Course Name/Description</b>	<b>Academic Year</b>
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 157	Introduction to Architectural Design (Architecture Year One, KNUST)	2018/19
ARC 158	Rudiments of Architecture (Architecture Year One, KNUST)	2018/19
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 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



**Academic Ranks held, and subjects taught cont'd**

<b>Course Code</b>	<b>Course Name/Description</b>	<b>Academic Year</b>
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 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

**Academic Ranks held, and subjects taught cont'd**

<b>Course Code</b>	<b>Course Name/Description</b>	<b>Academic Year</b>
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
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

**Academic Ranks held, and subjects taught cont'd**

<b>Course Code</b>	<b>Course Name/Description</b>	<b>Academic Year</b>
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
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)**

1.	Elom Ayeke: Living with Water in Sub-Saharan Africa: Resilience Community Development Strategies for Yeji and Keta, Ghana	2018	to Date
2.	Gloria Osei-Poku: Evaluating the Thermal Performance of Multi-Storey Commercial Buildings Along the South-Western Coast of Ghana	2018	to Date
3.	Debrah Hugh Yaw: Simulation Based Exploration of Roof Assembly on Energy Performance of Residential Buildings in the Tropics	2017	to Date
4.	Abrokwah Gyimah: Windows for Quality Indoor Environments: A Case in the Warm Humid Climate of Ghana	2016	to 2019

**PhD Students' Theses (Department of Horticulture, KNUST)**

5.	David Nyame-Tawiah: Simulation Based Assessment of Green Roofs and its Impact on Thermal Performance of Residential Buildings, Ghana	2014	to 2019
6.	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
7.	Sam Sarkodie Mensah: Evaluating Some Indoor Plants for their Indoor Pollutant Removal on KNUST Campus	2014	to Date

**PhD Students' Theses (Department of Construction Technology and Management)**

8.	Agbo-Klu Michael Delali: Developing an Energy Audit Tool for Commercial Buildings in Ghana	2019	to Date
9.	Barbara Simons: A Simulation Based Exploration of the Thermal Performance of Multi-Storey Office Buildings in Accra, Ghana	2012	to 2015
10.	Michael 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)**

11.	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**

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

1.	The Evolution of Spatial Configurations in Housing Development by Awume Jeremiah	2017 to 2019
2.	Energy Reduction Strategies in Ghanaian Office Buildings by Apeatse Kobina Ebo	2017 to 2019
3.	Gerald Agyemang Prempeh: Exploring Energy Efficiency Using Building Automation Systems in Educational Buildings	2017 to Date

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

1.	Asiedu-Ampem Gloria: The Choice of Fenestration and its Effect on Comfort in Ghanaian Office Buildings	2017 to 2019
2.	Nerquaye-Tetteh Jonathan Beauclerc: The Effects of Natural Ventilation on the Thermal Comfort of Indoor Environments: The Case of Tema Mataheko-Afienya	2017 to 2021

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

1.	The Development of a Cultural Framework towards the Design of a Museum by Otupiri Abena.	2021/2022
2.	The Development of a Contextual Framework towards the Design of Entertainment Centre by Otto Betty.	2021/2022
3.	The Development of a Climate Framework towards the Design of a Social Housing Complex by Acquaye Theophilus	2021/2022
4.	The Development of a Perceptual Framework towards the Design of a Law School by Naa Koshie Hagan.	2020/2021
5.	The Development of a Climate Framework towards the Design of a High-Rise Apartment by Daniel Obiri Okae	2020/2021
6.	The Development of a Structural Framework towards the Design of a Horse Racing Arena by Ziem-Yan Tol.	2020/2021
7.	The Development of a Contextual Framework towards the Design of a Herbal Facility by Clinton Yeboah.	2020/2021
8.	The Development of a Cultural Framework towards the Design of a Market Facility by Adjokatse Abraham.	2020/2021
9.	The Development of a Framework towards the Design of a Temporary Housing Facility by Othniel Baah Ennumh.	2020/2021

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

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

10.	Designing for Designers: A Review into the Design of Climate Oriented Educational Environment by Rabi Osman	2019/2020
11.	A Review into the Design of Sustainable Oriented National Library by Bernard Onumah	2019/2020
12.	An Investigation into the Design of Culturally Sensitive Community Centres in Accra by Nakyi Joseph Kofi	2019/2020
13.	A Study into the Design of High Security Prison in Accra by Emmanuel Ziwu	2018/2019
14.	An Enquiry into the Design of Sustainable Gated Communities by Ernest Klu	2018/2019
15.	Harnessing the Tourism Potential for Kwahu as a Catalyst for Local Development by Kofi Wisdom Afedzi	2018/2019
16.	The role of Wellness Tourism in National Development by Tackie-Otoo Nii Otinkoran	2017/2018
17.	An Investigation into Strategies to Address Post Harvest Losses of Tropical Fruits in Ghana by Fiati Selorm Abla Maria	2017/2018
18.	Improving Digital Imagery in Ghana, Institute of Photography by Kelvin Ofori Wiredu	2017/2018
19.	An Investigation into the Promotion of Energy Development Through In-Depth Training; The Case of VRA by Carin Awoenam Fianu	2017/2018
20.	Design of a Conference Centre (MICE) in Northern Ghana by Kem-Agbozo De-love Mawulom	2016/2017
21.	Design of a Borster Home in Kumasi by Simon Yalley	2016/2017
22.	Design of a State of the Arts Research Centre in Accra by Gloria Afari	2016/2017

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

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

23.	Design of a Sustainable Textile Industry by Atieku Kobina Winfred	2015/2016
24.	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)

1.	A Review of Architectural Philosophies by Anne Brookman Princess	2020/2021
2.	A Review of Architectural Theories by Ansah Andrea Esiarba	2020/2021
3.	A Review of Design Theories in Architecture by Michelle Agbozo	2020/2021
4.	A Review of Design Principles in Architecture by Holomah Emmanuel Tetteh	2020/2021
5.	A Review of Context in Architecture by Mercy Serwah Appiah	2020/2021
6.	A Review of Climate Design Principles by Marfo David	2020/2021



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

### Undergraduate Students Dissertation (Department of Architecture)

7.	The Role of Culture in Architectural Designs by Abena Adwobra Otupiri	2019/2020
8.	Incorporating Sustainability in Architectural Education by Evelyn Mawutor Ama Masiku-Morhe	2019/2020
9.	The influence of Sustainability in Shaping Architectural Designs by Keith Kwesi Asante Crentsil	2019/2020
10.	The Effect of Climatic Considerations in Architectural Designs by Buckman Joshua Abeiku	2019/2020
11.	Climate and Architectural Education, The Way Forward by Majeeda Umar-Ahmed	2019/2020
12.	Key Cultural Considerations in Architectural Education by Kennedy Geraldo	2019/2020
13.	Quality, Safety of Neighbourhood, and Aspects of Environmental Sustainability: A Study on Students' Hostels at Ayeduase/KNUST by Nyaapii Doodaa Jude	2018/2019
14.	A Study into the Use of Kinetic Concept as A Visual Impact in Architectural Designs by Ofosuhene Appenteng Kwasi	2018/2019
15.	An Explorative Study on Aspects of The Logic of Architecture in Designs: A Case on William J. Mitchell by Obiri-Okae Kofi Daniel	2018/2019
16.	Investigating the External and Internal Structures of Students' Hostels at Ayeduase/KNUST, Kumasi, Ghana by Hagan Esi Koshie Nyamekye	2018/2019
17.	Examining Aspects of The Internal Environment of Students' Hostels at Ayeduase/KNUST by Kote Sicocha Amador	2018/2019
18.	The Dynamics of Student Accommodation on Academic Performance by Kwaah Gymah George	2017/2018
19.	Minimalism in Local Architecture; A Force to Reckon with by Karbah Gideon Mutala	2017/2018

<b>Supervision of student project work/theses/research cont'd</b>		
<b>Undergraduate Students Dissertation (Department of Architecture)</b>		
20.	The Effects of Building Orientation on Thermal Comfort of Students Residences at KNUST by Melomey Stephen	2017/2018
21.	An Investigation into the Benefits of Natural Shades on Streets at KNUST by Frimpong Sampson	2017/2018
22.	A Study on Bus Stations and its Infrastructure on Commuters by Onumah Bernard	2017/2018
23.	The Effects of Courtyards on Indoor Comfort by Mani Mahamadou	2016/2017
24.	A Study on Estate Housing based on the Principles of Sustainable Urban Design by Ernest Klu	2016/2017
25.	Career Advise and its Effects on Student Performance by Kuntah Desmond	2016/2017
26.	AThe Efficiency of Day & Artificial Lighting at Exam Centres on KNUST by Ziwu Emmanuel	2016/2017
27.	Concepts and Creativity, A Response on Architeu'cture Students at KNUST by Kwabena Addison	2016/2017
28.	Concepts, What the Architect Seeks to Achieve with a Design by Amonoo Nana Ayensua	2015/2016
29.	Effects of Day lighting In Building Forms by Hammond Larbie	2015/2016
30.	A Study on the Principles of Hierarchy by Mustafa Hakeem	2015/2016
31.	A Study on the Principles of Order in Architecture of KNUST by Owuraku Appiagyei Amoah	2015/2016
32.	An Evaluation of the Principles of Design in Architecture by Kwantwi-Mensah David	2015/2016
33.	A Study on the Effects of Kiosk in Urban Centres by Idriss Latifah	2015/2016
34.	The Importance of SCAMPER as a Design Method in Architecture by Ampaw Isaac Oduro	2015/2016

(c) **Other professionally related experience:**

Chairman, Tender Evaluation Meeting, KNUST	2020
Member, Committee to Develop Online Examination and Assessment Policy and Manual for KNUST	2019
Representing the Provost of CAFE, KNUST on the Following Occasions:	2018 to 2019
Evaluation of MCF Scholarship Programme at KNUST	
Special Guest to the AGM of the Planning Association of Ghana	
Strengthening Institutional Linkage, KNUST and Ramapo College	
Launching of Fidelity Banks, KNUST Branch	
Continues Professional Development Session organized by CoHSS and KIES	
Received Hon. Freda Prempeh, the Deputy Minister for Works and Housing at the Ghana Beyond Aid Seminar organised by FABESS at KNUST	
Chancellors Week Programme, Chancellors Cup at KNUST	
International Students Evening organised by CoHSS, KNUST	
Courtesy Call on University Management by US Ambassador to Ghana at KNUST	
Faculty Development Symposium and Dinner, KNUST	
Lecture on Good Corporate Governance and IoD-GH Membership Information Talk	
Special Guest to the Opening and Closing Ceremonies of the 2019 KNUST Stem Camp for Girls	

**Other professionally related experience cont'd**

<p>Representing the Dean of Built Environment (CABE, KNUST) on the Following Occasions/in his Absence</p>	<p>2018 to 2019</p>
<p>College Open Day and Exhibition</p> <p>Ghana Institute of Planners 47<sup>th</sup> Conference on Planned Cities, A Key Factor in Effective Sanitation Service Delivery</p> <p>International Year of the Periodic Table Conference, KNUST</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>2019</p>
<p>Dzorgbo Dennis: Adaptability and Flexibility as an Approach for Affordable Housing.</p> <p>Agbefu Cephas Atsu Edinam: Urban Marine Tourism: Exploring a Shift in Paradigm for Ghana Tourism</p> <p>Kankam Boadu Leanne: Creating Architectural Awareness by Reviving the State of Museums in Ghana, A Contemporary Approach to Design</p> <p>Koomson Samuel: Study on the Function and State of Tema Port Harbour in the Conservation of Marine Biodiversity</p> <p>Nsiah Ebenezer Dwomoh: Exploring the Therapeutic Tourism Potential of Fuller Falls as a Tool for Development at Yabraso</p> <p>Sackey Samuel David: Engaging the Private Sector in Industrialization to improve Economic Standards; One District One Factory</p>	
<p>Governing Council Member, Spiritan University College, Ejisu, Ashanti Region, Ghana</p>	<p>2018 to Date</p>

**Other professionally related experience cont'd**

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
Member, Investigative Committee of the Architects Registration Council, Ghana	2018 to Date
Member, Education and Exams Committee of the Architects Registration Council, Ghana	2018 to Date
Member of a group to counsel with Green Sun Villas, a Real Estate Development Company to Construct Hostels for Students at the Council Chamber, KNUST	2018
External Assessor and Reviewer of Promotion Documents for Pentecost University College, Ghana. The Case of Dr. Joseph Teye Ignatious Buertey (Lecturer to Snr. Lecturer Position)	2017
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>	

**Other professionally related experience cont'd**

<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>	

**Other professionally related experience cont'd**

Member, College of Art and Built Environment Board	2016/2017 to Date
Member, College of Art and Built Environment Management Board	2018/19 to Date
Member, Faculty of Built Environment Board	2016/2017 to Date
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 <sup>th</sup> International Conference on Infrastructure Development in Africa, ICIDA 2017	2016/2017
Member, Finance and Revenue Mobilization Committee, CAFE	2016/2017
Review Member, Journal of Art and Built Environment	2016/2017
Review Member, Journal of Science and Technology	2016/2017
Editorial Board Member (College Representative), Journal of Science and Technology	2016 to Date
Review Member, Journal of Building Engineering	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
Resource Person on Rules and Regulations of Examinations for Freshers	2016
Member, Examinations Coordinating Committee, KNUST	2015 - 2018

**Other professionally related experience cont'd**

Member of the organizing committee of the 4th International Conference on Infrastructure Development in Africa (ICIDA)	Sept. 2015
Administrative Experience as Departmental and College Exams Officer, CABA	2013 to 2018
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)	2015
<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, Research and Development Hub</p>	



**Other professionally related experience cont'd**

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	2015-Date
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

## Publications in Journals

1.	<b>Koranteng, C., Simons, B., Gyimah, K. A. and Amos-Abanyie, S., (2022). The Idealized and The Realistic Validation Studies of Building Simulation Models in Ghana.</b> In press, Journal of Green Building, V17, N3.
2.	<b>Koranteng, C., Simons, B., and Gyimah, K. A. (2021). Thermal State, Potential of Natural and Fan-Induced Ventilation in Enhancing Comfort of Nine Office Buildings in Southern Ghana.</b> In press, Journal of Architectural Engineering, 28 (1): 05021018. DOI: 10.1061/(ASCE)AE.1943-5568.0000521
3.	<b>Koranteng, C., Simons, B., and Manu, F.W. (2021). A Thermal Performance Study of Four Communities in Ghana's Savannah Region,</b> Engineering, Construction and Architectural Management, Vol. ahead-of-print No. ahead-of-print. <a href="https://doi.org/10.1108/ECAM-07-2020-0572">https://doi.org/10.1108/ECAM-07-2020-0572</a>
4.	<b>Koranteng, C., Nyame-Tawiah, D., Gyimah, K.A. and Simons, B. (2021). An Explorative Study on the Potential of Green Roofs Providing Thermal Comfort Conditions for Indoor Spaces in Kumasi, Ghana,</b> <u>Open House International</u> , Vol. ahead-of-print No. ahead-of-print. <a href="https://doi.org/10.1108/OHI-02-2021-0057">https://doi.org/10.1108/OHI-02-2021-0057</a>
5.	<b>Koranteng, C., Simons, B., Gyimah, K. A., and Nkrumah, J. (2021). Ghana's Green Building Assessment Journey: An Appraisal of the Thermal Performance of an Office Building in Accra,</b> <u>Journal of Engineering, Design and Technology</u> , Vol. ahead-of-print No. ahead-of-print. <a href="https://doi.org/10.1108/JEDT-02-2021-0109">https://doi.org/10.1108/JEDT-02-2021-0109</a> . <a href="https://www.emerald.com/insight/1726-0531.htm">https://www.emerald.com/insight/1726-0531.htm</a>
6.	<b>Koranteng, C., Simons, B. and Gyimah, K. A. (2021). Potential Measures Towards the Reduction of Cooling Loads of Office Buildings in Ghana,</b> <u>Frontiers in Engineering and Built Environment</u> , Vol. ahead-of-print No. ahead-of-print. <a href="https://doi.org/10.1108/FEBE-03-2021-0016">https://doi.org/10.1108/FEBE-03-2021-0016</a>
7.	<b>Koranteng, C., Simons, B., and Nyame-Tawiah D. (2021). Simulation-Based Analysis of the Effect of Green Roofs on Thermal Performance of Buildings in a Tropical Landscape.</b> RISUS - Journal on Innovation and Sustainability, 12 (1), pp. 45-56.
8.	<b>D. Nyame-Tawiah, L. Attuah, C. Koranteng (2020). Determination of the Effect of Green Roofs on Indoor Temperature Using Simulation in a Tropical Landscape.</b> Journal of Scientific Research & Reports, 26(4): 12-28, Article no. JSRR.56243, ISSN: 2320-0227
9.	<b>Koranteng, C., Simons, B., Nyame-Tawiah, D., (2019). Green to Grey: An Urban Heat Assessment of Kumasi, Ghana.</b> International Journal of Environment and Climate Change, 9(12), pp. 751-763

## Publications in Journals Cont'd

10.	<b>Koranteng, C., Simons, B., Essel, C., (2019). Climate Responsive Buildings: A Comfort Assessment of Buildings on KNUST Campus, Kumasi.</b> Journal of Engineering, Design and Technology, 17 (5): pp. 862-877. <a href="https://doi.org/10.1108/JEDT-03-2019-0054">https://doi.org/10.1108/JEDT-03-2019-0054</a>
11.	<b>Koranteng, C., Simons, B., Awume, J., (2019). Evolution of Spatial Configurations in Ghana's Housing Development: The Case of Private Apartment Buildings in Ghana.</b> African Journal of Applied Research, 5 (2): pp. 12-23
12.	<b>Koranteng, C., Simons, B., Selorm, F., (2019). Audit of Auditoriums in an Academic Setting, Ghana.</b> Journal of Building Construction and Planning Research, 7, pp. 99-114
13.	Gyimah K. A., S. Amos-Abanyie and <b>Koranteng C.</b> (2019). <b>A Review on Approaches and Tools Used in Assessing Indoor Environmental Quality,</b> <i>Journal of Building Performance, 10 (1), 68-69, ISSN: 2180-2106</i>
14.	<b>Koranteng, C., Nkrumah, J., Simons, B., (2016). Glass Facades in Contemporary Architecture: The Case of Multi-Storey Office Buildings in Accra, Ghana.</b> Journal of Scientific Research and Studies, 3 (1): pp. 6-12.
15	<b>Koranteng, C., Simons, B., Essel, C., (2016). Reduction of Cooling Loads in Multi-Storey Glazed Office Buildings in Ghana: GHGBC Versus Architectural Design Parameters.</b> IJERMS, 3(10): pp. 36-44
16	<b>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,</b> <i>Global Journal of Engineering Science and Research Management, 3(1), 6-15, ISSN 2349-4506</i>
17	<b>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,</b> <i>International Advanced Research Journal in Science, Engineering and Technology 2(10), 114-115, ISSN 2393-8021</i>
18	<b>Koranteng C., Afram S. O., and Ayeke E. (2015). A Review on Seven Principles of Architecture,</b> <i>International Journal of Engineering Research and Development, 11(11), 27-34, e-ISSN: 2278-067X</i>
19	<b>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,</b> <i>British Journal of Applied Science and Technology, 10(1): 1-14, Article no.BJAST.17795, ISSN: 2231-0843</i>

## Publications in Journals Cont'd

20	Simons B., <b>Koranteng C.</b> , Ayarkwa J. (2015). <b>Practical Energy Saving Techniques For Multi-Storey Office Buildings In Accra, Ghana</b> , <i>International Journal of Engineering and Computer Science</i> ISSN:2319-7242, 4(12), 15262-15273
21	Simons B., <b>Koranteng C.</b> , and Ayarkwa J. (2015). <b>Simulation-Based Assessment of the Thermal Performance of High-Rise Office Buildings in Ghana</b> , <i>British Journal of Applied Science &amp; Technology</i> , ISSN: 2231-0843, DOI: 10.9734/BJAST/2015/16700
22	<b>Koranteng C.</b> , Afram S. O. and Essel C. (2015). <b>An Appraisal of Sacred Spaces in Terms of Inert Strategies; a Case of Bantama, Kumasi</b> , <i>Journal of Advances in Research</i> , 4(5): pp. 304-314, 2015, Article no.AIR.2015.085, ISSN: 2348-0394.
23	<b>Koranteng C.</b> , Essel C., and Amos-Abanyie S. (2015). <b>The Effect of Different Wall Materials at Different Orientations on Indoor Thermal Comfort in Residential Buildings in Kumasi, Ghana</b> , <i>Research Journal of Engineering and Technology Vol. 1 (1)</i> , pp. 9-18.
24	Addy M. N., Adinyira E., <b>Koranteng C.</b> (2014a). <b>Architect's Perception on the Challenges of Building Energy Efficiency in Ghana</b> , <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.
25	Agyekum, K., Ayarkwa, J., <b>Koranteng C.</b> (2014a). <b>A Holistic Survey of Dampness in a Six Bedroom Residential Apartment in Kumasi, Ghana</b> , <i>Journal of Science and Technology, Ghana (JUST) Vol.34, No.1</i>
26	Essel, C., <b>Koranteng C.</b> , and Asare, K. B. A. (2014). <b>Designing for Safety During Installation and Maintenance of Split Air-Conditioners: Case Study of Commercial Buildings in Adum</b> , <i>Educational Research (ISSN: 2141-5161) Vol. 5(8)</i> .
27	Amos-Abanyie, S., <b>Koranteng, C.</b> and Apeatse, K.E. (2014). <b>An Evaluation of the Effects of External Landscaping Elements on Indoor Airflow Rate and Patterns Using Computational Fluid Dynamics</b> , <i>European Scientific Journal, Vol.10, No.14, ISSN: 1857 – 7881, ISSN 1857- 7431 286, pp. 286-299</i> .
28	Agyekum, K., Ayarkwa, J. and <b>Koranteng, C.</b> (2014c). <b>A Holistic Diagnosis of Rising Damp and Salt Attack in Two Residential Buildings in Kumasi, Ghana</b> . <i>Journal of Construction Engineering, Vol. 2014, Article ID 398627 Online</i> ), pp. 1-13.
29	Simons B., <b>Koranteng C.</b> , and Adinyira E. (2014a). <b>Assessing Ghanaian Workplace Performance in Multi-Storey Office Buildings</b> , <i>Journal of Developing Country Studies, ISSN 2224-607X (Paper) ISSN 2225-0565 (Online)</i> , 4(4):140-151.

## Publications in Journals Cont'd

30	Agyekum K., Ayarkwa J., <b>Koranteng C.</b> , and Adinyira E. (2014). <b>An Overview of Damp Remediation Measures Practiced by Building Occupants in Ghana</b> , <i>Journal of Building Survey, Appraisal &amp; Valuation</i> , 2(4): 347-359.
31	Simons B., <b>Koranteng C.</b> , and Adinyira E. (2014b). <b>Indoor Thermal Environment: Occupants Responsiveness in 4 Multi-Storey Office Buildings in Accra, Ghana</b> , <i>Journal of Environment and Earth Science</i> , ISSN 2224-3216 (Paper) ISSN 2225-0948 (Online), 4(4):122-130.
32	Agyekum K., Ayarkwa J., and <b>Koranteng C.</b> (2014d). <b>Perceptions of Building Occupants on Effectiveness of Practiced Damp Remediation Measasures in Ghana</b> , <i>Journal of Environment and Earth Science</i> , ISSN 2224-3216 (Paper) ISSN 2225-0948 (Online), 4(1): 121-132.
33	Simons B., <b>Koranteng C.</b> , Adinyira E., and Ayarkwa J. (2014). <b>An Assessment of Thermal Comfort in Multi-Storey Office Buildings in Ghana</b> , <i>Journal of Building Construction and Planning Research</i> , 2:30-38.
34	Simons B., <b>Koranteng C.</b> , and Ayarkwa J. (2014). <b>Occupants' Evaluation of the Operation, Functionality of Building Control Systems and Energy Implications in Multi-Storey Office Buildings in Ghana</b> , <i>Journal of Energy Technologies and Policy</i> , ISSN 2224-3232 (Paper) ISSN 2225-0573 (Online), 4(2):48-58.
35	<b>Koranteng C.</b> and Essel C. (2013). <b>The Effects of Students' Background on Academic Performance in an Architecture School</b> , <i>Journal of Applied Science Research (AASR)</i> , ISSN 0975-508X, 5 (5):68-74.
36	<b>Koranteng C.</b> , Essel C. and Nkrumah J. (2013). <b>A Pioneer Study on Residential Electric and Magnetic Fields: The Case of a House at Fumesua, Ashanti Region, Ghana</b> , <i>Journal of Applied Science Research</i> , (AASR, ISSN 0975-508X), 5 (5):100-104.
37	Agyekum K., Ayarkwa J., <b>Koranteng C.</b> , and Adinyira E. (2013). <b>An Overview of the Symptoms Associated with Dampness in Walls of Residential Buildings in Major Towns in Ghana</b> , <i>Civil and Environmental Research</i> , Vol.3, No.9 (ISSN 2224-5790):1-10.
38	Essel C. and <b>Koranteng C.</b> (2013). <b>The Relationship Between Performance and Year of Enrolment at an Architecture School, Kumasi, Ghana</b> , <i>Merit Research Journal of Education and Review</i> (ISSN: 2350-2282) Vol. 1(9) pp. 197-202.

## Publications in Journals Cont'd

39	Agyekum K., Ayarkwa J., <b>Koranteng C.</b> , and Adinyira E. (2013). <b>Preliminary Assessment of Dampness in Walls of Residential Buildings in Four Climatic Zones in Ghana</b> , <i>Journal of Sustainable Development</i> , Vol.6, No.9 (ISSN 1931-9063):51-61.
40	Agyekum K., Ayarkwa J., <b>Koranteng C.</b> , and Adinyira E. (2013). <b>Level of Knowledge of Building Occupants on Dampness in Walls of Residential Buildings in Ghana</b> , <i>Modern Management Science and Engineering</i> , Vol.1, No.2 (ISSN 2052-2576):171-185.
41	Appah, D. J. and <b>Koranteng, C.</b> (2012). <b>A Thermal Comfort Evaluation of a Junior High School Building in Accra, GHANA</b> , <i>Journal of Construction Project Management and Innovation</i> Vol. 2 (2): 403-423.
42	<b>Koranteng C.</b> and Simons B. (2012). <b>An Investigation into the Use of Natural Lighting in Three Students' Hostels: A Case Study of Ayeduase, A Suburb of Kumasi, Ghana</b> , <i>Journal of Science and Technology, Ghana (JUST)</i> Vol.32, No.3, pp.38-48.
43	Simons B. and <b>Koranteng C.</b> (2012). <b>Residents' Perception of the Built Environment Quality in an Orphanage</b> , <i>International Journal of Applied Science Research</i> , 3 (1):19-30.
44	Appah-Dankyi J. and <b>Koranteng C.</b> (2012). <b>An Assessment of Thermal Comfort in a Warm and Humid School Building at Accra, Ghana</b> , <i>International Journal of Applied Science Research</i> , 3 (1):535-547.
45	Simons B., <b>Koranteng C.</b> and Woanyah-Deladem S. (2012). <b>Thermal Comfort Evaluation of High-rise Buildings in Accra, Ghana</b> , <i>International Journal of Applied Science Research</i> , 3 (1):502-507.
46	<b>Koranteng. C.</b> and Simons. B. (2012). <b>An Evaluation of Natural Lighting Levels in Students' Hostels in a Suburb of Kumasi, Ghana</b> , <i>International Journal of Applied Science Research</i> , 3 (1):548-554.
47	<b>Koranteng. C.</b> and Simons. B. (2011). <b>Contrasting the Principles Behind the Orientation of Building Forms and Location of Spatial Components Around the Globe</b> . <i>Journal of Science and Technology, Ghana (JUST)</i> Vol.31, No.3, pp.77-85.
48	<b>Koranteng. C.</b> (2011). <b>The Thermal Performance of an Educational Office Building in Ghana</b> , <i>International Journal of Applied Science Research</i> , 3 (4):222-232.
49	<b>Koranteng. C.</b> (2011). <b>A Thermal Comfort Evaluation in Low-Rise Office Buildings in Ghana</b> , <i>International Journal of Applied Science Research</i> , 3 (5):165-178.

## Publications in Journals Cont'd

50	Dibra. A., Mahdavi. A. and <b>Koranteng. C.</b> (2011). <b>An Analysis of User Behaviour and Indoor Climate in an Office building in Kosovo</b> , <i>International Journal of Applied Science Research</i> , 2 (5):48-63.
51	<b>Koranteng. C.</b> , Nyame-Tawiah. D. and Quansah, E. (2011). <b>A Psychrometric Analysis of Thermal Comfort in Low-Rise Office Buildings in Ghana</b> , <i>Journal of Science and Technology, Ghana (JUST) Vol.31, No.1, pp 76-88.</i>
52	<b>Koranteng. C.</b> and Mahdavi. A. (2011). <b>An Investigation into the Thermal Performance of Office Buildings in Ghana</b> , <i>International Journal on Energy and Buildings (EnB)</i> , Vol: 43, pp 555–563.
53	<b>Koranteng. C.</b> (2011). <b>Evaluating the Effects of Orientation on the Thermal Performance of Residential Buildings in Ghana</b> , <i>International Journal of Engineering Science</i> , Vol.3, No.3, pp 1-7.
54	<b>Koranteng. C.</b> (2010). <b>The Energy Performance of Office Buildings in Ghana</b> , <i>Journal of Science and Technology, Ghana (JUST) Vol.30, No.2, pp 114-127.</i>
55	<b>Koranteng. C.</b> (2010). <b>The Evaluation of Occupants' Behaviour and Preferences in Office Buildings in Ghana</b> , <i>Journal of Science and Technology, Ghana (JUST) Vol.30, No.32, pp.64-79.</i>
56	<b>Koranteng C.</b> and Abaitey G.E., (2010). <b>The Effects of Form and Orientation on Energy Performance of Residential Buildings in Ghana</b> , <i>Journal of Science and Technology, Ghana (JUST) Vol. 30, No:1, pp. 71-81.</i>
57	<b>Koranteng C.</b> (2010). <b>Occupants Evaluation of Indoor Environment, Energy Usage and Controls of Office Buildings in Kumasi (Ghana)</b> , <i>Journal of Applied Science and Technology, Ghana (JAST), Vol. 15, Nos. 1&amp;2, pp. 138-144.</i>

## Book Publications

1.	<b>Koranteng, C.,</b> Simons, B., Botchway, E. A., and Essel, C. (2021). <b>Active Perception in Form Development</b> , <i>Second Edition</i> , University Printing Press, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana, ISBN: 978-9988-3-2889-4.
2.	<b>Koranteng, C.,</b> Simons, B., Gyimah, K. A., and Owusu, K. (2021). <b>Theory and Context in Architecture</b> , <i>First Edition</i> , University Printing Press, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana, ISBN: 978-9988-3-2895-5.
3.	<b>Koranteng, C.,</b> Simons, B., and Gyimah, K. A. (2021). <b>Principles of Scamper and Hierarchy in Architecture</b> , <i>First Edition</i> , University Printing Press, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana, ISBN: 978-9988-3-2894-8.
4.	<b>Koranteng, C.,</b> Simons, B., Larbi, M., and Owusu-Brown, B. (2021). <b>Principles of Order and Design in Architecture</b> , <i>First Edition</i> , University Printing Press, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana, ISBN: 978-9988-3-2999-0.
5	<b>Koranteng C.</b> (2012). <b>Architectural Essays</b> . Chris Publications, Kumasi, Ghana, 222p.
6	<b>Koranteng C.</b> (2012). <b>Tumbling F's and I's</b> . Chris Publications, Kumasi, Ghana, 87p.
7	<b>Koranteng C.</b> (2012). <b>Active Perception in Form Development</b> . Chris Publications, Kumasi, Ghana, 91p.



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### Conference/Seminar and Workshop Publications

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1.	Gyimah K. A., S. Amos-Abanyie and <b>Koranteng C. (2019). Simulation Based Indoor Environmental Quality Analysis of Existing Windows Used in Tropical Office Spaces</b> , Proceedings of the 16th IBPSA Conference, Sept. 2-4, Rome, Italy, pp 2569-2574
2	Tagoe M, and <b>Koranteng C. (2017). Improving Creativity in Architectural Form Development: Use of Themes Generated from Objects in the Physical Environment</b> , <i>4th NAD-KIDeC Conference, September 11-13, KNUST, Kumasi Ghana</i>
3	Otchere-Darko E., <b>Koranteng C.</b> , and Opoku R. (2017). <b>An Evaluation of shading for UHI Adaptation: A Post-Construction CFD Simulation of the Kejetia Project</b> , <i>4th NAD-KIDeC Conference, September 11-13, KNUST, Kumasi Ghana</i>
4	Ziwu E. M., and <b>Koranteng C.</b> , and Simons B. (2017). <b>An Evaluation on the Sufficiency of Lighting in an Academic Environment: Examination Centres at the College of Art and Built Environment, KNUST</b> , <i>4th NAD-KIDeC Conference, September 11-13, KNUST, Kumasi Ghana</i>
5	Nyame-Tawiah D., and <b>Koranteng C.</b> and Atuah L. (2017). <b>Validation of Predicted Mean Air Temperature of a Green Roof Using Measured Data from Experimental Test Cells</b> , <i>4th NAD-KIDeC Conference, September 11-13, KNUST, Kumasi Ghana</i>
6	Klu E. E., and <b>Koranteng C.</b> And Essel C. (2017). <b>An Assessment of Gated Communities Based on the Principles of sustainable Community: Cases at Oyarifa, Accra, Ghana</b> , <i>4th NAD-KIDeC Conference, September 11-13, KNUST, Kumasi Ghana</i>
7	Kuntah A. D., and <b>Koranteng C.</b> And Amos-Abanyie S. (2017). <b>The Impact of Career Information Adequacy and Interest on the Performance Levels of Architecture Students in KNUST</b> , <i>4th NAD-KIDeC Conference, September 11-13, KNUST, Kumasi Ghana</i>
8	<b>Koranteng C.</b> , Essel C., and Simons B. (2017). <b>Going Natural: An Occurrence Leading to the Reduction of Cooling Loads of Office Buildings</b> , <i>6<sup>th</sup> International Conference in Infrastructure Development, April 12-15, KNUST, Kumasi, Ghana.</i>
9	<b>Koranteng C.</b> , Simons B., and Essel C. (2017). <b>An Empirical Analysis of the Thermal Performance of Curtain Wall Office Buildings in Ghana: The Window To Wall Ratio Effect</b> , <i>6<sup>th</sup> International Conference in Infrastructure Development, April 12-15, KNUST, Kumasi, Ghana.</i>

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10	<b>Koranteng C., Simons B., and Essel C. (2017). Fraction of Time: A Phenomenon Towards the Reduction of Indoor Discomfort in Office Buildings, Ghana, 6<sup>th</sup> International Conference in Infrastructure Development, April 12-15, KNUST, Kumasi, Ghana.</b>
11	<b>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, 6<sup>th</sup> International Conference in Infrastructure Development, April 12-15, KNUST, Kumasi, Ghana.</b>
12	<b>Amos-Abanyie S., Koranteng C., and Simons B. (2017). Validation of Simulated Mean Air Temperature and Mean Radiant Temperature Using Monitored Data from an Experimental Test Cell, 6<sup>th</sup> International Conference in Infrastructure Development, April 12-15, KNUST, Kumasi, Ghana.</b>
13	<b>Koranteng C., Amos-Abanyie S., and Kwofie T. E. (2017). User-Initiated Building Extensions and Daylighting: The Caase of Government Built Housing Estates at Tema Community Two (2), Ghana, 6<sup>th</sup> International Conference in Infrastructure Development, April 12-15, KNUST, Kumasi, Ghana.</b>
14	<b>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, 1<sup>st</sup> International Conference in Engineering, Science, Technology and Entrepreneurship, KNUST, Ghana.</b>
15	<b>Yeboah F., Simons B., and Koranteng, C. (2015). Sustainable Mid Rise Office Building in Ghana – Evaluation of Selected Buildings, 1<sup>st</sup> International Conference in Engineering, Science, Technology and Entrepreneurship, KNUST, Ghana.</b>
16	<b>Amos-Abanyie, S., Koranteng, C., Duah D. (2015). Energy Efficient Encryption Technique for Real Time Applications, 1<sup>st</sup> International Conference in Engineering, Science, Technology and Entrepreneurship, KNUST, Ghana.</b>
17	<b>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, International Conference on Infrastructure Development in Africa (ICIDA) 2015, KNUST, Kumasi, Ghana, March 25-27.</b>
18	<b>Afram S. O., Essel C., and Koranteng C. (2015). An Assessment of Sacred Spaces in Terms of Passive Strategies: A Case at Bantama, Kumasi, International Conference on Infrastructure Development in Africa (ICIDA) 2015, KNUST, Kumasi, Ghana, March 25-27.</b>

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