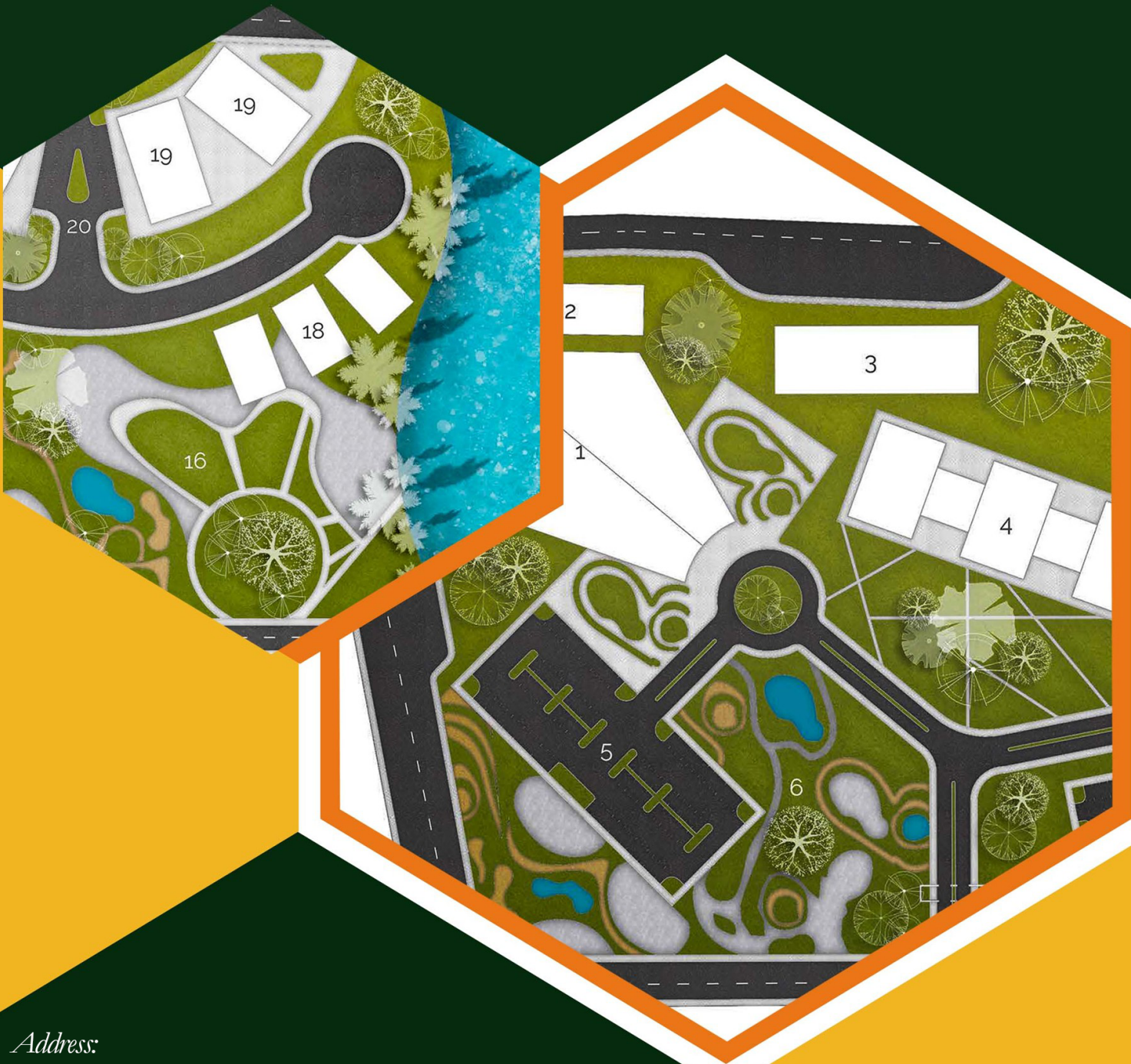


DR.-ING. MARFUL, ALEXANDER BOAKYE

WORKS AND PROJECT EXPERIENCES



Address:

**Room 406, New Block;
The Department of Architecture;
Faculty of Built Environment
Kwame Nkrumah University of Science and Technology,
Kumasi - Ghana**

Telephone: +233(0)502105309; +233(0)544801030

Email: amarful@yahoo.com

**Kwame Nkrumah University of Science and Technology,
Kumasi – Ghana**

College of Art and Built Environment
Department of Architecture

Curriculum Vitae

SUBMITTED BY

DR. -ING. ALEXANDER BOAKYE MARFUL
(BSc., PG. Dip. Arch., MIP., PhD, AGIA)
(ASSOCIATE PROFESSOR)

October, 2025

CURRICULUM VITAE
(and other relevant information)

Name: MARFUL, ALEXANDER BOAKYE (DR.-ING)
Department: Architecture
College: College of Art and Built Environment
Employer: Kwame Nkrumah University of Science and Technology, Kumasi
Present Position: Senior Lecturer
Date of Birth: 25 November, 1974
Place of Birth: Agona Swedru
Marital Status: Married with Three (3) Children
Spoken/Written Languages: English, Twi, German

1. (a) **ACADEMIC DEGREES EARNED WITH DATES**

Oct. 2008 – May 2012	PhD (City Planning and Design) University of Stuttgart, Germany.
Oct. 2003 – Aug. 2005	M.I.P. (Master of Infrastructure Planning) University of Stuttgart, Germany.
Sept. 2000 - June 2002	Postgraduate Diploma. (Architecture) Kwame Nkrumah University of Science and Technology, Kumasi – Ghana.
Sept. 1996 - June 2000	B.Sc. (Architecture) Kwame Nkrumah University of Science and Technology, Kumasi – Ghana.

(b) **INSTITUTIONS ATTENDED WITH DATES**

Oct. 2008 – May 2012	University of Stuttgart, Germany.
Oct. 2003 – Aug. 2005	University of Stuttgart, Germany.
Sept. 1996 – June 2002	Kwame Nkrumah University of Science and Technology, Kumasi – Ghana.
Sept. 1987 – June 1994	Pope John Secondary School and Junior Seminary (G.C.E O and A – Level Certificate), Koforidua-Effiduase, Ghana.

(c) **FELLOWSHIP/AWARD/PRIZE**

2018-2024	<p>i. ERASMUS Plus Staff Mobility Grant - for Teaching at Frankfurt University of Applied Sciences, Frankfurt, Germany, from</p> <p>a. 18th June - 22nd June 2018, b. 18th November - 22nd November 2019, c. 18th June - 22nd June 2020 d. 4th November -11th November, 2023. (See supporting evidence – SE 001a).</p>
2019-2024	<p>ii. ERASMUS Plus Staff Mobility Grant - for Training and Teaching at Technical University of Munich (TUM), Germany, from</p> <p>a. 18th March - 22nd March 2019, b. 18th March - 22nd March 2021, c. 13th May - 17th May, 2024</p>

	(See supporting evidence – SE 001b).
6th December, 2022	iii. Research Grant – German Cooperation Development (GIZ) Project of Inclusions with Disabilities. Project Number: 19.2022.5.001.00 worth Ghs201,240.00 (SE 002a)
	iv. GHACEM Mobile Cement Academy (GHACEMOBILE) – for developing a mobile Academy for all regions of Ghana particularly the golden triangle worth GHS588,375.00 (~\$110,000.00) from 2019 -2021. (SE 002b)
12th May,2023	Next Generation city Action in Copenhagen, Denmark- Fist prize Supervisor for the Winning Team- Sustainable Homes for the Future- For People and Planet
2014	v. Selected as a mentor for the 2014 Urban Transformations Mentor & Student Research Lab Common Initiative of ISOCARP and the members of Gdańsk University of Technology student research club - LEM-ur. Results of the research was part of an exhibition for ISOCARP 2014 congress published in fall/winter 2014
2010	vi. African Good Governance Network (AGGN) Grant for Leadership Training Received the grant to be a member of the AGGN and participate in its yearly leadership training. AGGN is a group of highly qualified individuals who have studied in Germany and yearly 10 students are selected after rigorous interview by the DAAD to join the network
2008-2012	vii. Research grant for doctoral candidates and young academics and scientists Received the German Academic Exchange Services (DAAD) Scholarship to conduct PhD research at the University of Stuttgart
2003-2005	viii. Study scholarship for a postgraduate course with relevance to developing countries Received the German Academic Exchange Services (DAAD) Scholarship to pursue Masters in Infrastructure Planning at the University of Stuttgart
Certificate Awarded:	Certificate in International Quality Management Systems in Academia organized by TCC-CIMET and FARNETZ-AURELIA

(a) SUPERVISION OF STUDENT PROJECT WORK/THESIS/RESEARCH

Since my appointment in 2016 to date, I have directly been involved in the supervision of the following number of graduate and undergraduate theses in the university.

- Bachelor of Science Architecture **63** students till date
- Bachelor of Science Settlement Planning **1** students till date
- Master of Architecture **46** students till date

- Master of Philosophy Architecture 2 students till date
- Doctor of Philosophy in Architecture 11 students till date
- Doctor of Philosophy in Landscape Design 1 students till date

Details of the above have been indicated in the Tables below.

PhD Students Architecture (Supervisor)

2022/2023 Academic Year (Ongoing)	TOURISM WITHOUT BARRIERS: Exploring Sustainable Strategies For Accessible Tourist Sites In Ghana; MENSAH, Seth Kwabena
	INTO ONE’S MIND: Interiority And Materiality as An Iterative Tool for Healthy Spatial Environment for Persons Living with Dementia; FRIMPONG, Ivana Tracey Adwoa Odamea
2021/2022 Academic Year (Ongoing)	Culture as the Fourth Pillar of Sustainability: A Framework for Acculturation in the Planning and Development of the Built Environment of Indigenous Communities in Ghana. SAFO, Abraham Lukman Kura
	CLOSING THE LOOP: A Circular Approach to Interior Design for Multifunctional Office Spaces. KWOFIE, Isaac Egyir
2020/2021 Academic Year (On-going)	Exploring Design Thinking Strategies for Adaptive Barrier Free Spaces for Early Literacy Learning in Ghana; SEKYI-CANN, Akosua
	Career Pathway Development for the Architectural Industry in Ghana. TWUM-BAAH, Ebenezer
2019/2020 Academic Year (On-going)	An Investigation into the Cultural and Spatial Morphological Impact of universities on host Communities in Ghana; FIANU, Mawuli Togbi
	Exploring The Dynamics of Eco-Mobility on The Urban Morphology in Communities: The Case of Greater Kumasi Metropolitan Area (GKMA); SAKYI-ADJEI, Veronica
2018/2019 Academic Year (Ongoing)	HEALTHCARE WITHOUT BARRIERS: Making Healthcare Accessible to All in Ghana. AKUFFO, Christian
2016-2020 Academic Year (Completed)	BARRIER FREE AND SMART COMMUNITIES IN SUB-SAHARAN AFRICA: A Research on AFRO Smart Living for Persons with Disability within University Campuses DANQUAH, Joseph Agyei
2016-2019 Academic Year (Completed)	An Enquiry into Ecological Aesthetics (Eco-Aesthetics) In Urban Green Infrastructure Development in Ghana: Based on Case Studies. HARUNA, Ayisha Ida

Masters’ students (Master of Architecture, MSc Architectural Studies, MPhil Architecture)

2023/2024 Academic Year (Completed)	Enabling Circular Rural Development: A case of Afram Plains (Center for Cassava Research, Abon); PATTERSON, Margaret Baamah
	Exploring The Role of Interdisciplinary Interaction and Innovation In Academic Community Development: (Engineering Innovation Hub, KNUST); ASIRIFI, Eric
	Exploring the potential of Biomimicry for STEAM Living-Learning

	Communities in Ghana: The case of Kyebi (Living-Learning Community STEAM Hub, Kyebi); BACCAH, Michael Mawuena
	Digital Experience Design: Mixed Reality in Architecture (Immersive Museum, KNUST); DADZIE, Rahamalahi Ahmed
	Transforming Lost Spaces Under Elevated Transit Infrastructure into Multi - Use Public Spaces (Mixed Use Urban Park, Pokuase); AHADZIE, Akpene Adzo
	Impact of Inclusive Transportation Hubs on the Agriculture Value Chain of Marginalized Agrarian Communities: A case of Afram Plains (Inclusive Ferry Port Terminal, Ekye-Amafrom); SOSU, Michelle Kafui
	Exploring Inclusive Regenerative Housing Development on Post-Galamsey Site (Ecovillage, Sagyimase); MARFO-YIADOM, Nana Kwame Boakye
	Maximizing The Potentials Of Soyabeans Value Chain Through Integration Of Architectural Interventions: An Exploratory Study (A Logistical Food Hub, Pong Tamale); N-NAMBA, Bibansem
	Exploring the Impact of Art Therapy in Therapeutic Spaces for Emotional Health (Healing Hearts Centre, KNUST); NEEMAN-QUARSHIE, Janelle
	Exploring the Role of City Branding Strategies in Achieving SDG 11 in African Cities, the Case of Ghana; OKOH-LAWSON, Herbert Kofi
2022/2023 Academic Year (Completed)	Exploring Inclusive Design Strategies for Teacher Training Institutes. (Redevelopment Of the Kibi Presbyterian College of Education, Kyebi); SACKEY, Jemimah Betty
	Back To The Basics Of Cave Architecture: Exploring Buoyem Caves As A Catalyst For Ecotourism (An Ecotourist Hub, Buoyem); LOKKO, Frederick Charles Griffith
	Designing Therapeutic Spaces; An Exploration of The Role Of Creative Arts in Treating Body Dysmorphic Disorder (Creative Arts Therapy Village, Pokrom Nsaba); KEMAVOR, Salomey Mawuena
	Exploring Inclusive Circular Agro-Food Hub as A Catalyst For Resilient Communities (An Agro-Food Hub At The UESD, Bunso); DANSU, Henry Kofi
	Exploring Urban Revitalization Using Fractal Analysis (Suame Magazine Community Innovation Hub); ADZAH, Emmanuel
	Making Ecclesiastical Buildings Barrier-Free (Assemblies of God Bible College in Akwamufie); AMEGASHIE, Lemuel Ebo Makafui
2021/2022 Academic Year (Completed)	Exploring Generative Computational Design to Revitalize the Compound House for Low – Income Residents in Kyebi; DECKER, Andrea – Beverly Oboubia
	The Potential of Nanotechnology in Engineering Prosthetics For PWD's (Prosthetic Rehabilitation Center, Tema); ASANTE, Achiaa

	<p>Christabel</p> <p>THE ARCHITECTURE AS A TOOL TO PROMOTE BUILT ENVIRONMENTAL AWARENESS IN GHANA (Architectural Information Centre-Kumasi, Ghana); KETEKU-ATIEMO, Emmanuel</p> <p>Scrap Tectonic Architecture: A Scrap Recycling Museum for the Traditional Automotive and Manufacturing Industry, Suame Magazine; LARTEY, Onassis</p> <p>Eco-Tourism as A Catalyst for SDG City (Design of A Green Resort at Kyebi); ADJENIM-BOATENG, Nana Yaa Gyamfuah</p> <p>CLIMATE-RESPONSIVE ARCHITECTURE: Incorporating Kinetic Architecture In The Design Of High-Rise Mixed-Use Buildings In Accra; SAGOE-SACKEY, Bryan Sydney</p>
<p>2020/2021 Academic Year (Completed)</p>	<p>Harnessing the Potential of Agro-tourism for Sustainable Development in Ghana (OIL PALM Agro-Tourism Hub, 44Juaben); AMPOFO, Myles Christian</p> <p>The Potential of Computational Design in the Design of an Innovation Hub (Innovation Hub); APPIAH, Acheampong Emmanuel</p> <p>Design and Optimization of Palette Architecture in Flood relief camps of Point Noire , Congo (The Camp of Resilience at Saint Pierre, Point Noire); MADZUOKA, Fortunee Maryse</p> <p>Harnessing the Potential of Trans-disciplinary development of Assistive Technologies in Ghana: A redevelopment of the CEDRES-KNUST (Barrier-Free Innovation Hub, CEDRES KNUST); WEBU, Obed</p> <p>Biomimetic Investigation as a Tool for Authentic Vernacular Architecture in Ghana: The Case of an E-waste Recycling Plant at Old-Fadama (E-Waste recycling at Old-Fadama); YUSUFF, Abdulakeem Folorunsho</p> <p>LIVING STREET: A center For Street Children; AYODELE, Faisal Olamide</p> <p>Revitalisation of Dodi Island through African Mobile Architecture (FLOATING, Dodi Island); ADJARTEY, Francis Nyarkonor</p>
<p>2019/2020 Academic Year (Completed)</p>	<p>Designing a Beach Sports Center to promote Coastal Tourism and Sports Development in Ghana (Beach Sports and Coastal Tourism Center, Labadi); ABBAN, Julian Fritzal</p> <p>Rest Stops as a Catalyst for Accelerated Local Economic Development (Rest Stop Design, Sogakope); DOHOE, Eddie-Sam</p> <p>Enhancing the Eco-Tourism Potential of Esaase, Ashanti Region (Development of a resilient Ecolodge). OSEI, Williams</p> <p>Strategies for Creating a Barrier Free Arts and Cultural Center (Arts and Cultural Center, Wa); BANNERMAN, Henry Bandy</p> <p>The Food System and Architecture: The Planning and Design of a Research and Training Enclave for Hidden Hunger (Micronutrient Research Enclave, Fumasua); EL-HALABI, Layaal</p>

2018/2019 Academic Year	An Integration Centre for Refugees Krisan, Western Region; ABALORI, Patricia
	Assessing The Potential Contribution of High-Speed Rail Network to Ghana's Economic Development (Redesign of Accra Railway Station); AMOAH Owuraku Appiagyei
	Promoting the Local Production of Pharmaceuticals (Non-Sterile Pharmaceutical Industry); ANNAN, William Jnr.
	Assessing Broadcasting Corporations In Disseminating Information The Contemporary World: The Case Of Ghana Broadcasting Corporation (Redesign Of Ghana Broadcasting Corporation); BEN-SMITH, Paula
	Exploring the Economic Benefits of Afro-Mobitecture in Ghana (Production Factory for Afro-Mobitecture Structure); TOMIWAA Daniel Dada
	Assessment of Facility and Asset Management as a Catalyst for Growth in Ghana's Railway System (Railway Facility and Asset Management Centre at Ketan); DARTEH, Maxwell Osei Kofi
2017/2018 Academic Year (Completed)	Redevelopment of Crafts Village, Bolgatanga-Ghana; AGYEGELONE, Reuben Daliwe
	Eko Mega-world-Convention and Entertainment Complex, Lagos-Nigeria; OYEDELE, Oluwabukunmi Abiola
	National Veteran Centre, Accra-Ghana; BOANUH, Emmanuel Dartey
2016/2017 Academic Year (Completed)	The Printing Enclave, Koforidua. ASEMPAPA, Desmond
	Making Drowning Cities Resilient: The case of Keta. AYEKE, Elom
	Transportation Hub As An Urban Catalyst For Peri-Urban Cities: The Case Of Sefwi-Wiawso, Ghana. DEBRAH, Sophia Mckeown
	Central Business District For Dodowa-Ghana. NIMAKO-BOATENG, Andrew

(b) OTHER PROFESSIONALLY RELATED EXPERIENCE

i. Professional Affiliation and Memberships

Name of Professional Institution	Dates	Membership	ID No.(If Any)
Founding Member and Programmes Director	2006 to date:	Community Level Environmental Awareness Network Foundation, Stuttgart, Germany (CLEAN AFRICA e.V.)	N/A
Associate Member	2008 to date:	Ghana Institute of Architects (GIA)	656
Standing Member	2008 to date	Architects Registration council, Ghana	S. 656

Fellow	2010 to date:	African Good Governance Network (AGGN)	N/A
Member	2012 to date:	International Society of City and Regional Planners (ISOCARP)	N/A
Member	2016 to date:	Association for Scientific Research into Planning and Building in the Developing World. Berlin, Germany (TRIALOG e.V.)	N/A
Member	2017 to date:	American Planning Association (APA)	340110
Fellow	2024 to date	The Brew-Hammond Energy Centre-KNUST	N/A
Fellow	2023 to date	TCC International Center for Innovation, Manufacturing, Technology Transfer and Entrepreneurship (TCC-CIMET)	N/A

ii. Selected professionally related Experience

Date	Position held
2014-Present	Principal Consulting Architect/ Infrastructure Planner at SPAYSYS Architecture, Planning and Engineering Ltd, Accra-Ghana.
2012- 2014	Infrastructure Planner at FICHTNER GmbH Co.KG, Stuttgart- Germany.
2009-2012	Infrastructure Planner at FICHTNER SOLAR GmbH, Stuttgart- Germany.
2005-2008	Project Architect and Practice Manager at PREDIOS Architects and Urban Designers, Accra-Ghana
2000-2002	Project Coordinator at Ablakwa Development Ltd, Tema-Ghana.

iii. Selected Professionally Related Projects

Projects Record 1			
From	To	Firm	Date
2014	Present	SPAYSYS Architecture, Planning and Engineering Ltd	
			Position Held, Name of Project, Location and Activities Performed
2024-Date			Architect and Infrastructure Planner , Transaction Advisory Services for the Development of Sekondi-Takoradi Integrated Markets and Transport Infrastructure Projects (STIMTIP) Under Public Private Partnership (PPP) for Sekondi-Takoradi Metropolitan Assembly (STMA) as part of the PwC and ACON TEAM
2022 - Date			Lead Consultant and Infrastructure Planner for the Smart Circular Agro-Food System for Employment and Development project at Kwahu Gyane Boafo in the Kwahu Afram Plains South District. Developed and completed a Smart Circular Agro-Food Systems

	Concept Note, and a Strategic Farm Master Plan which is in the final stages of completion.
2022 - Date	Lead Architect and Master Planner for the Wamiko Prayer Retreat, Training & Community Outreach Center project at Dalive Torzikpota in the South Tongu District, Volta Region. Responsibilities include Master planning, designing, and detailing of Phases 1, 2 and 3.
2022 - Date	Urban Designer / Infrastructure Planner , providing consultancy services for the update of urban water supply master plan for the Greater Kumasi Metropolitan Area (GKMA), including preparation of a calibrated Hydraulic Network Model & integrated water distribution network in Greater Accra, Ghana. Duties include modelling of the hydraulic network, performing financial analyses, preparing the hydrological assessment, as well as training program and evaluation reports.
2021 - Date	The Lead Consultant and Infrastructure Planner , consulting for the master plan development of the Northern Tourism Enclave in all 9 regions in the northern enclave of Ghana. In charge of ensuring that the Master Planning and Design Team deliver on all work packages (Preliminary Meetings, Vision and Goals for NorTE, Tourism Sector Overview and Assessment, Development of Waste Management Plan, Climate Adaptive and Cultural Assessment, and the Final Presentation of Results).
2019-2020	Team Leader (Architect) , Design and Preparation of feasibility study for VILLA Apothecary - A 250 Bed Capacity 3-Star hotel for the Faculty of Pharmacy and Pharmaceutical Sciences, KNUST.
2018 - 2019	Lead Consultant and Infrastructure Planner for the 'Master Plan For New Urban Catalyst Project For Juaben' in the Ashanti Region. Activities performed included developing concept designs and survey maps, generating utilities and service plan, and preparing various impact assessments.
2019	Team Leader (Architect) for the construction of a 5-Storey Residential Complex and Commercial Centre at Dome – Accra. Was responsible for coordinating the planning and preparation of the project, preliminary and detail design, alongside the procurement of materials and supervision of the construction of the project.
2019	Team Leader (Architect) for the design and detailing of Ablakwa Hostel at Trom, Somenya. Activities performed included the designing and detailing of the project, provision of structural engineering services, and supervising the construction of the project.
2019	Team Leader (Architect) , Design, Detailing and Supervision of Mini-LAB at Tema Harbour for Food and Drug Authority, Ghana.
2018	Team Leader (Architect) , Design and detailing of 100 Capacity Campers lodge at Deeper Christian Life Ministries at Brofoyedu, Kumasi.
2018	Team Leader (Architect) , Design and Detailing of the Archbishop Anokye Libray Complex
2016 - 2018	Lead Consultant and Infrastructure Planner for the development of a Master plan for Mount of Transfiguration Camp Ground (MOTCAG) at Brofoyedu in the Ashanti Region. Led the Master Planning and Design Team to deliver work packages 1, 2 and 3, and also oversaw the design and detailing of a 100-capacity Campers lodge at Deeper Christian Life

	Ministries at Brofoyedu, Kumasi.
2016 - 2017	Lead Consultant and Infrastructure Planner for the preparation of a Master plan for the Ashrich Development Training Centre at Kpone, Tema. Responsibilities included developing architectural and construction drawings, preparing cost estimates, designing the landscape concepts, as well as the construction of the Geomatic and Survey Maps for the project site.
2017	Team Leader (Architect) , Training and Capacity Building for Architectural Practices-Archetype, Accra-Ghana
2016	Team Leader (Architect) for the Proposed Development of An Educational Complex at Quartey Papafo Hill in Santeo, Tema. Activities involved project planning and preparation, preliminary and detail design, construction procurement services, contract administration, and construction supervision.
2015	Team Leader (Architect) for the design and detailing of a 100-bed student hostel at Deduako, Kumasi. Key responsibilities included design and detailing of the project, structural/civil engineering services, and construction supervision of the project's landscaping facilities.
2016	Team Leader (Architect) , Design and detailing of the DTM Auto Garage Workshop at Bubiashie, Accra-Ghana.
2016	Team Leader (Architect) Rehabilitation of the Offices of the Autonomous Boards (NTC, NIB and NCCA) for FHi360
2016	Team Leader (Architect) , Design and detailing of Sonatola Auto Garage Workshop at Lagos, Nigeria.
2014	Team Leader (Architect) for the construction of the Archbishop Anokye Library Complex at Kobreso, Offinso. Duties involved project planning and preparation, preliminary and detail design, construction procurement services, contract administration, and construction supervision

Projects Record 2			
From	2016	To	Present
Institution	Kwame Nkrumah University of Science and Technology-Kumasi		
Date	Position Held, Name of Project, Location and Activities Performed		
2024- Date	Project Lead, Infrastructure Planner and Concept Initiator for Ghana Smart Sustainable Development Goals(SDG) Cities Programme being implemented in 10 Cities (1)Abuakwa South Municipal Assembly; (2) Obuasi Municipal Assembly; (3) Wenchi Municipal Assembly; (4) Kumasi Metropolitan Assembly; (5) Sekondi/Takoradi Metropolitan Assembly; (6)Ketu North Municipal Assembly; (7) Komenda Edina Eguafo Abirem Municipal Assembly; (8) Accra Metropolitan Assembly; (9) Tamale Metropolitan Assembly; and (10) Techiman Municipal Assembly		
2021 - Date	The Project Lead and Infrastructure Planner for the Sustainable Smart City Development Project - Kyebi (SUSCID-Kyebi) in the Abuakwa South Municipality.		

	Responsible for developing Smart City concepts, analyzing Municipal services that could be improved using Smart Green City concepts, and developing an Action Plan to transform the Municipality into a Smart City using the KYEBI MODEL .
2020	Consultant and Project coordinator (KNUST) for the “Inclusive Architectural Design Concepts and Strategies for Accessible Employment Promotion and Training Institutions in Ghana” project across all 16 Regions in Ghana. Roles include desktop review and stakeholder consultation, analyzing the requirements for Inclusive EPTIs, and undertaking a review of the final report.
2020 - 2021	KNUST Project Coordinator for the KNUST-TUM Sustainable Energies and Entrepreneurship Development (SEED) for Global South project at Yeboahkrom (Juaben) – Ghana. Duties involved compiling the Bi-Monthly Report and Budget, Quarterly and Annual Reports for the Coordination Office, concept development for the ‘Living Labs’, and assessment of other funding opportunities.
2018 - Date	Project Lead and Coordinator for GHACEM Mobile Cement Academy projects across all 16 regions in Ghana. In charge of the development of Training Manuals and Handbook for GHACEM Limited, including the design and detailing of GHACEM Mobile Academy Facilities for all 16 Regions in Ghana.
2019 - 2020	The Principal Investigator and Team Lead for “Neighbourhood Planning and Non-Domestic Design of Ashanti Juaben as a Circular Urban Village” in Juaben, Ghana. Key tasks included Research Team management, development of strategies for a circular peri-urban community, and the development of the Infrastructure and Master Planning Concepts.
2017 - 2018	The Principal Investigator and Team Lead for the “Peri-Urban Metamorphosis And Transitions - The Case Of Ningo-Prampram” project. Spearheaded the development of sustainability concepts, direction ecology and an environmental sustainability framework for the project.

Projects Record 3			
From	2009	To	2012
Firm	FICHTNER GmbH Co.KG (Fichtner Solar GmbH), Germany		
Date	▪ Position Held, Name of Project, Location and Activities Performed		
2009-2010	Infrastructure Planner for Construction, Operation and Maintenance of 150 MW Integrated Solar Combined Cycle Power Plant (ISCC - Kuraymat) in Egypt <ul style="list-style-type: none"> • Feasibility Study for a 200 MW Solar Thermal Power Plant in Botswana • Feasibility Study for a 500 MW Solar Thermal Power Plant in Hualapai Valley in Arizona, USA 		
2011 – 2013	Infrastructure Planner for the development of an Infrastructure and Master Plan for a 2000 MW Renewable Energy Park in Kuwait. Major roles included project coordination, Master planning and collation of Infrastructure Tender documents. Was also responsible for the development of mock-ups, 3-D visualizations, and a web page for the project, as		

	well as performing resource assessment, ground measurements, and supervising the construction of two 100 m meteorological towers.
2013	Infrastructure Planner for Consultancy Services Specifications for ESCOM Management Information System (MIS), and Procurement of Consultant Services for the Malawi Power Sector's Tariff, Regulatory, and Institutional Improvement in Malawi. Activities performed included the preparation of technical proposals, environment survey and work plans for the project, as well as systems analysis of the infrastructure facets of existing ESCOM systems.
2013	Infrastructure Planner for Technical Advisory Report on Concentrating Solar Power (CSP) Outlook & Preliminary Identification of Business Opportunities for Chiyoda Corporation to enter the CSP Business handled computers for data acquisition and evaluation

Projects Record 4			
From	2005	To	2008
Firm	PREDIOS Architects and Urban Designers		
Date	Position Held, Name of Project, Location and Activities Performed		
2006	Project Architect , Responsible for the development of ecological responsive housing at Larteh –Akuapem for Predios Homes, Accra and design and development of a mango packhouse at Somanya & Dodowa for mango farmers associations for TIPCEE, USAID-Accra		
2006-2007	Project Planner for the Master planning of a new Satellite-Community in Aburi, Ghana for the OTU - Brempong of Asona Family, Aburi.		
2005-2008	Team-leader for the master planning of the Campus for the Central University College at Miotso, in the Dangme-West District, Accra.		
2007-2008	Project assistant for the refurbishment and alterations of the City Hotel (5-star hotel), Kumasi for Ghana Libyan Arab Holding Company Ltd, Ghana.		
2006 - 2007	Infrastructure Planner and Architect (Predios) for the development of a Master plan for the Central University College Campus at Miotso in the Dangme-West District, Accra. Responsibilities involved development of architectural schematics for the Academic and Student Residence area, preparation of preliminary cost estimates, construction of geomatic and survey maps for the site, development of the utilities and transportation network concept, and preparation of the Master Plan Report for CUC.		

2. DETAILS OF RESEARCH OR PROJECTS UNDERTAKEN SINCE THE PROMOTED TO SENIOR LECTURER AT THE UNIVERSITY

(a) Research Conducted/ Projects undertaken

1	Decolonization Of the Smart Cities Agenda: The Case of Smart SDG City Project in Kyebi (2021-Date)
2	Agroforestry Nexus Living Labs & Entrepreneurship - (2023 Till Date)
3	Nature Based Solutions as A Planning and Design Tool – (2023 Till Date)
4	Walking To Survive: Experiential Realities of The Urban Folks (<i>The Case of Kumasi – Ghana and Helsinki – Finland</i>) (2023-Date)
5	Exploring Inclusive Circular Agro-Food Hub and Nature Based Solutions as A Tool Resilient Community Development in Ghana (InCAHuNT): <i>Kwabu Afram Plains, Abuakwa South and Greater Kumasi Metropolitan Area</i> (2023-Date)
6	Kumasi Trees: The Project of the Hearts (2024-Date)
7	Exploring Dynamic, Cross-Sectoral Analysis of Water- Energy-Food -Eco-Systems (WEFE) Nexus and its implication for Community Development (2024-Date)
8	Exploring the Application of Systems Intelligence in Water-Energy-Food- Ecosystem Nexus (2024-Date)
9	Using Fractal Analysis to Assess Vernacular Urban Patterns and Their Economic Vitality (2022-Date)
10	Exploring The Use of City Engine in Urban Growth; The Case of Ejisu (2022-Date)
11	Interiority Of the Home Office: A Color Psychology Study in Kumasi Residential Buildings (2021-Date)
12	Renewing Streetscapes Through Urban Branding: The Case of Antoa Road Streetscape (2022-Date)
14	Investigating The Potential of Coconut Fiber as A Green Building Material in Kumasi (2023-Date)
15	Ananse The Architect: Biomimicry Investigation of Architectural Lessons and Inspirations from The Spider (2023-Date)
16	Investigating The Use of Artificial Intelligence to Generate Parametric Forms for Architectural Facade Design (2023-Date)
17	Architecture Education Without Barriers: Incorporation of Multi-Sensory Experiences in The Architectural Learning in Ghana (2023-Date)
18	Laboratories Without Barriers: The Case of KNUST College Of Health Sciences (2023-Date)
19	Construction Without Barrier: Exploring Strategies for Creating Barrier-Free Construction Sites (2023-Date)
20	Co-Designing with Nature: Exploring the Use Biomimicry and Regenerative Architecture as a tool for Architectural Pedagogy (2024-Date)
21	Exploring Emotional Spaces and Nature Based Solution (2023-Date)
22	Investigating the effect of Neuro-Linguistic Programming and Systems intelligence theory on Emotional Spaces in Architecture (2023-Date)

23	Investigating The Strategies and Challenges of Using Street Graphics for Branding (2021-Date)
24	Strategies For Introducing Robotics and Automation in Architectural Pedagogy and Practice in Ghana (2021-Date)
25	Investigating The Potential of Incorporating E-Waste in The Concrete Industry in Ghana (2020-Date)
26	Harnessing Renewable Energy Resources to Boost Agro-Ecotourism as A Catalyst for Resilient and Sustainable Community Development (HARASCOD): The Case of Ghana, Uganda And Cameroon- (2022-Till Date)
27	Using Biomimetic Investigation as A Tool for Sustainable City Development In The Tropics- (2020-Ongoing)
28	Smart City and Infrastructure Planning (2018-Date)
29	SDG4DAI: Using Artificial Intelligence for Sustainable Peri-Urban Community Development (2020- ongoing)
30	Using Biomimetic Investigation as a tool for Authentic vernacular Architecture in the Tropics (2020-Ongoing)
31	Peri-Urban Morphology and Its Implications On The Aged (2020-Ongoing)
32	Sustainability Literacy Level Among Real Estate Developers Towards Sustain Ability Performance Optimization in Housing Delivery in Ghana (2022 – Date).
33	Application of Green Building Concepts and Technologies for Sustainable Building Development in Sub-Saharan Africa: The Case of Ghana (2020 – 2023).
34	Integration of Advanced Metering Infrastructure for Mini-Grid Solar PV Systems in Off-Grid Rural Communities (SoAMIRural) (2020 – 2023).
35	Exploring Street Graphics: Strategies and Challenges for City Branding in Kumasi, Ghana (2021 – 2023).
36	Design Thinking as an Effective Tool for Architectural Pedagogy: Challenges and Benefits for Ghanaian Schools (2021 – 2022).
37	Teaching and Learning in Inclusive Environments – The Case of Technical and Vocational Education and Training in Ghana (2020 – 2022).
38	Framework for the Implementation of Green Certification of Buildings in Ghana (2020 – 2022).
39	Career Pathway Development for the Architectural Industry in Ghana (2021-Ongoing).
40	Exploring Design Thinking Strategies for adaptive Barrier Free Spaces for Early Literacy Learning in Ghana (2021-Ongoing).
41	Healthcare without Barriers: Making Healthcare Accessible to All in Ghana (2019-Ongoing).
42	Exploring Barrier Free Environments as a Catalyst to Smart Community Initiatives in Sub Sahara Africa (2017-2022).
43	An Assessment of Barrier free Design in University Hostels: A Case Study of KNUST Campus (2022 – 2023).
44	Spatial Therapy: Strategies For Using Interior Architecture as A Healing Environment (2023-

	Date)
45	Assessing The Potential of Robotic Fabrication in In-Situ Construction - (2023-Date)
46	Strategies To Incorporate Emotional Intelligence into The Pedagogy of Architecture Schools in Ghana - (2021-2024)
47	Exploring the Opportunities and Challenges of Mainstreaming Kinetic Architecture in Pedagogy and Practice in Ghana - (2021-Date)
48	Construction Without Barrier: Exploring Strategies for Creating Barrier-Free Construction Sites -(2023-Date)
49	Poultry Without Barriers: Enhancing Accessibility in Poultry Farm Designs for People with Disability In Kumasi - (2023-Date)
50	Laboratories Without Barriers: The Case of KNUST College Of Health Sciences - (2023-Date)
52	Exploring The Dynamics of Eco-Mobility on The Urban Morphology in Communities: The Case of Greater Kumasi Metropolitan Area (GKMA)
53	Evaluating the Level of Accessibility of Lecture Halls in the Faculty of Built Environment: The Case of KNUST (2021 – 2022).
54	Exploring The Dynamics of Eco-Mobility on The Urban Morphology in Communities: The Case of Greater Kumasi Metropolitan Area (GKMA) (2019- Date)
55	Exploring Design Thinking Strategies for Adaptive Barrier Free Spaces for Early Literacy Learning in Ghana (2021- ongoing)
56	CLOSING THE LOOP: A Circular Approach to Interior Design for Multifunctional Office Spaces (2021- Date)
57	Culture as the Fourth Pillar of Sustainability: A Framework for Acculturation in the Planning and Development of the Built Environment of Indigenous Communities in Ghana (2022- Date)
58	INTO ONE’S MIND: Interiority And Materiality as An Iterative Tool for Healthy Spatial Environment for Persons Living with Dementia (2022- Date)
59	TOURISM WITHOUT BARRIERS: Exploring Sustainable Strategies for Accessible Tourist Sites in Ghana (2022- ongoing)
60	Exploring the potential of Biomimicry for STEAM Living-Learning Communities in Ghana: The case of Kyebi (2023-Date)
61	Transforming Lost Spaces Under Elevated Transit Infrastructure into Multi - Use Public Spaces (2023- Date)
62	Investigating the impact of Inclusive Transportation Hubs on the Agriculture Value Chain of Marginalized Agrarian Communities: A case of Afram Plains (2021- ongoing)
63	Exploring Inclusive Regenerative Housing Development on Post-Galamsey Site (2021- Date)
64	Exploring the Impact of Art Therapy in Therapeutic Spaces for Emotional Health (2021- Date)
65	Exploring the Role of City Branding Strategies in Achieving SDG 11 in African Cities (2021- Date)

66	Exploring Inclusive Design Strategies for Teacher Training Institutes (2021-2023)
67	Designing Therapeutic Spaces; An Exploration of The Role of Creative Arts in Treating Body Dysmorphic Disorder (2021- 2023)
68	Exploring Urban Revitalization Using Fractal Analysis (2021- Date)
69	Making Ecclesiastical Buildings Barrier-Free (2022- Date)
70	Eco-Tourism as A Catalyst for SDG City (2022- Date)
71	Exploring Inclusive Circular Agro-Food Hub as A Catalyst for Resilient Communities (2023- Date)
72	WALKING TO SURVIVE: Experiential Realities of The Urban Folks <i>The Case of Adum, Kumasi, Ghana and Helsinki City Centre, Finland (2024- Date)</i>

(b) Publications Arising Out of The Research

(After Appointment to the Rank of Senior Lecturer in 2020)

S/N	Journal Articles
1.	Frimpong, I. T. A. O., Duah, D. Y. A., Marful, A. B. , Kwofie, I. E., & Offei-Nketiah, J. K. (2024). Faded memories: The role of design in enhancing the quality of life of persons living with dementia. <i>Cogent Gerontology</i> , 3(1). https://doi.org/10.1080/28324897.2024.2308838
2.	Safo, L. K. A., Duah, D. Y. A., Liwur, S. B., & Marful, A. B. (2024). Civic administrative centres in the northern and southern cities of Ghana: Assessing their state and locational distribution and the implications for urban growth and land demand. <i>Land Use Policy</i> , 143, 107199. https://doi.org/10.1016/j.landusepol.2024.107199
3.	Anzagira, L.F., Duah, D., Badu, E., Simpeh, E.K. and Marful, A.B. (2024), "Stimulation strategies to promote green building uptake in developing countries: the case of Ghana", <i>Journal of Engineering, Design and Technology</i> , Vol. 22 No. 3, pp. 1012-1029. https://doi.org/10.1108/JEDT-12-2021-0719
4.	Marful, A.B. , Adzah, E., Nunoo, F.K.N., Duah, D.Y.A., and Anane-Antwi, E. (2023). Exploring Street Graphics: Strategies and Challenges for City Branding in Kumasi, Ghana. <i>Cogent Arts & Humanities</i> , 10:1, 2206235, DOI: 10.1080/23311983.2023.2206235.
5.	Marful, A. B. , Danquah, J. A., Ansah, M., Ben-Smith, P., and Duah, D. (2022). Design Thinking as an Effective Tool for Architectural Pedagogy: Challenges and Benefits for Ghanaian Schools. <i>Cogent Arts & Humanities</i> , 9:1, 2051828, DOI: 10.1080/23311983.2022.2051828
6.	Amoah, M., Marful, A. B. , Takyi, S. A., Amponsah, O., & Poku-Boansi, M. (2023). Space use in Central Business District of emerging economies: Regulation or rationale? <i>Urban Governance</i> , 3(4), 315-329. https://doi.org/10.1016/j.ugj.2023.08.002
7.	Anzagira, L. F., Duah, D., Badu, E., Simpeh, E.K., Amos-Abanyie, S., and Marful, A. (2022). Application of Green Building Concepts and Technologies for Sustainable Building Development in Sub-Saharan Africa: The Case of Ghana. <i>Open House International</i> , 47 (3), pp. 408-427. Emerald Publishing House. DOI: 10.1108/OHI-02-2022-0054
8.	Duah, D.Y.A., Plummer, A., Danquah, J.A., and Marful, A. B. (2022). Teaching and Learning in Inclusive Environments – The Case of Technical and Vocational Education and Training in Ghana. <i>Disability and International Development</i> , (Themes: Inclusive Work) 33. Jahrgang/Ausgabe 1/2022/33nd Year/Issue 1/2022
9.	Marful, A. B. , Kornyo, O., Asante, M., Opoku, R., Duah, D.Y.A., Tei-Partey, B. (2023). Integration of Advanced Metering Infrastructure for Mini-Grid Solar PV Systems in Off-Grid

	Rural Communities (SoAMIRural). <i>Sustainability</i> 2023, 15, 7526. https://doi.org/10.3390/su15097526
10.	Koomson, E., DeGraft Yankson, P., Marful A.B. , Osei, M., (2022). Design Thinking Strategies in Therapeutic Assessment of Adolescent Emotional Challenges. <i>International Journal of Innovative Research and Development</i> . DOI No: 1024940/ijrd/2022/v11/18/AUG22020
11.	Lartey, O.; Marful, A. B. Campus Planning and Architecture: A comparative Study of Kwame Nkrumah University of Science and Technology (KNUST) and University of Ghana (LEGON). <i>Preprints</i> 2021, 2021060712. https://doi.org/10.20944/preprints202106.0712.v1
EDITED BOOK CHAPTERS	
12.	Oppong, R.A., Plummer, A., Marful, A. B. , Duah, D.Y.A., Danquah, J. (Eds) (2022). <i>Guideline: Inclusive Architectural Design Concepts and Strategies for Technical Vocational Education Training</i> . University Printing Press, UPK, KNUST.
13.	Duah, D. Y. A., Marful, A.B. , Danquah, J.A., Amoah, M., Baffoe-Ashun, I., Bekoe, I., and Akuffo, C. (2022). <i>Background, pp 12-17</i> . In Oppong, R.A., Plummer, A., Marful, A. B., Duah, D.Y.A., Danquah, J. (2022). <i>Guideline: Inclusive Architectural Design Concepts and Strategies for Technical Vocational Education Training</i> . University Printing Press, UPK, KNUST.
14.	Marful, A. B. , Duah, D. Y. A., Plummer, A., and Danquah, J.A. (2022). <i>Checklist – Rating System, pp 90-101</i> . In Oppong, R.A., Plummer, A., Marful, A. B., Duah, D.Y.A., Danquah, J. (2022). <i>Guideline: Inclusive Architectural Design Concepts and Strategies for Technical Vocational Education Training</i> . University Printing Press, UPK, KNUST.
15.	Duah, D. Y. A., Marful, A. B. , and Plummer, A. (2022). <i>The Way Forward, pp 102-109</i> . In Oppong, R.A., Plummer, A., Marful, A. B., Duah, D.Y.A., Danquah, J. (2022). <i>Guideline: Inclusive Architectural Design Concepts and Strategies for Technical Vocational Education Training</i> . University Printing Press, UPK, KNUST.
PUBLISHED CONFERENCE PAPERS	
16.	Ofori, J. N.A., Antwi-Afari, P., Marful A. B. (2024) Charting the AI horizon: Appraisal of awareness and usage of AI technologies among quantity surveyors in Ghana. 54th Annual General Meeting & Conference, 18 th to 23 rd March 2024, with the Theme; <i>Engineering a resilient Future: Innovative Solutions for a Sustainable Ghana</i> . At the Fiesta Royal Hotel Accra-Ghana
17.	Panta, M., Danquah, J.A., Duah, D., Marful, A. (2023). Rethinking the Curriculum in Architectural Education in a Global Habitat: The Case of the Trans-African Dialogues Series. In: Rubbo, A., Du, J., Thomsen, M.R., Tamke, M. (eds) <i>Design for Resilient Communities</i> . UIA 2023. Sustainable Development Goals Series. Springer, Cham. https://doi.org/10.1007/978-3-031-36640-6_53
18.	Dansu H. K., Marful A. B. , (2023). Exploring Inclusive Circular Agro-Food Hub as a Catalyst to Mitigate Food Insecurity. <i>Sustainable Food Systems for National Development</i> , 8 th -11 th November 2023. Ghana Association of Agricultural Economist, 6 th Annual Conference at University of Cape Coast, Cape Coast- Ghana.
19.	Marful, A. B. , and Niskanen, T. (2023). Learning by Walking: Understanding Walking and Realities of the Pedestrians in Kumasi, Ghana. WALK21 Kigali 2023 Conference. 15 th -19 th October 2023 at Kigali, Rwanda. https://virtual.oxfordabstracts.com/#/event/public/4387/submission/46
20.	Marful, A. B. (2022). Cyber Security for Smart SDG Cities. <i>Developing Digital Leadership for Digital Africa</i> . CyberX Africa International Cyber Conference and Exhibition 20 th – 22 nd October 2022 at Accra International Conference Center, Accra-Ghana. https://cyberx africa.com/wp-content/uploads/2022/10/CYBERX_2022_OCT_AW_compressed-1.pdf

(c) JOURNALS IN WHICH PAPERS ARE PUBLISHED

No.	Name of Journal	No. of Papers	Publisher
1.	Cogent Gerontology	1	Taylor and Francis Online
2.	Land Use Policy	1	Elsevier
3.	Journal of Engineering, Design and Technology	1	Emerald Publishing Limited
4.	Sustainability	1	MDPI
5.	Cogent Arts & Humanities	2	Taylor and Francis
6.	Urban Governance	1	Elsevier
7.	Disability and International Development	1	Institute for Inclusive Development
8.	International Journal of Innovative Research and Development	1	International Journal Corner
9.	Open House International,	1	Emerald Publishing Limited

4. EXHIBITIONS

1.	Marful, A.B. and Duah, D. Y. A , (2023); Tomb Of The Unknown Slaves: An Exhibition of Project Results between Academia Community (KNUST and Assin Kushea) at BSUIII Academia-Industry and Research Innovation Conference held on 12th September 2023 at the IDL Conference Center, KNUST
2.	Marful, A.B., (2024); Emotional Spaces in Interior Environment. An Exhibition and Comparative Review of Literature on Emotional Spaces at the Studio Spaces of Department of Architecture, KNUST in March 2024
3.	Marful, A.B., Duah, D. Y. A and Hollmen, S. (2024); Kumasi Trees. The Project of the Hearts. An Exhibition of Proposals show casing how Green Infrastructure can be used as a Catalyst for Urban Regeneration and Resilience in commemoration of the Chancellors 25th Anniversary as the King of Asanteman at Great Hall of KNUST from 1st-12th May 2024

5. CONFERENCES/SEMINARS AND WORKSHOPS

A. CONFERENCES/SEMINARS AND WORKSHOPS AT WHICH PAPERS WERE READ/PRESENTED SINCE LAST PROMOTED

1.	Ofori, J. N.A., Antwi-Afari, P., Marful A. B. (2024) Charting the AI horizon: Appraisal of awareness and usage of AI technologies among quantity surveyors in Ghana. 54th Annual General Meeting & Conference, 18 th to 23 rd March 2024, with the Theme; <i>Engineering a resilient Future: Innovative Solutions for a Sustainable Ghana</i> . At the Fiesta Royal
----	--

	Hotel Accra-Ghana
2.	Panta, M., Danquah, J.A., Duah, D., Marful, A. (2023) . Rethinking the Curriculum in Architectural Education in a Global Habitat: The Case of the Trans-African Dialogues Series. In: Rubbo, A., Du, J., Thomsen, M.R., Tamke, M. (eds) Design for Resilient Communities. UIA 2023. Sustainable Development Goals Series. Springer, Cham. https://doi.org/10.1007/978-3-031-36640-6_53
3.	Dansu H. K., Marful A. B., (2023) . Exploring Inclusive Circular Agro-Food Hub as a Catalyst to Mitigate Food Insecurity. Sustainable Food Systems for National Development, 8 th -11 th November 2023. Ghana Association of Agricultural Economist, 6 th Annual Conference at University of Cape Coast, Cape Coast- Ghana.
4.	Marful, A. B. , and Niskanen, T. (2023). Learning by Walking: Understanding Walking and Realities of the Pedestrians in Kumasi, Ghana. WALK21 Kigali 2023 Conference. 15 th -19 th October 2023 at Kigali, Rwanda. https://virtual.oxfordabstracts.com/#/event/public/4387/submission/46

B. Other/Conferences/Seminars and Workshops Attended Since Last Promoted

1.	Marful, A. B. (2024) ,. Water Security in Africa - An integrated Water-Energy-Food-Ecosystems (WEFE) Nexus perspective from challenges & opportunities to implementation & transfer of solutions 14th May 2024, IFAT, Munich
2.	Marful, A. B. (2023) . Sustainable And Resilient Infrastructure Development In Africa's Changing Climate. 8 TH International Conference On Infrastructure Development In Africa (ICIDA), 19 th -22 nd November, 2023 the Amonoo-Neizer Conference Centre, KNUST, Kumasi-Ghana
3.	Marful, A. B. (2023) . UNIVERSAL DESIGN in the Workplace: House of Disabled People's Organizations. The UIA World Congress of Architects In Copenhagen, Denmark Held On 2 nd -6 th July 2023
4.	Marful, A. B. (2022) . Cyber Security for Smart SDG Cities. Developing Digital Leadership for Digital Africa. CyberX Africa International Cyber Conference and Exhibition 20 th – 22 nd October 2022 at Accra International Conference Center, Accra-Ghana. https://cyberxafrica.com/wp-content/uploads/2022/10/CYBERX_2022_OCT_AW_compressed-1.pdf

6. LIST OF ALL OTHER PUBLICATIONS

(a) Giving details of books and articles and stating exact references

REFEREED JOURNAL ARTICLES

1.0	Haruna, A.I., Oppong R. A., & Marful, A.B., (2018) ; “Exploring eco-aesthetics for urban green infrastructure development and building resilient cities: a theoretical overview”, Cogent Social Sciences, Volume 4, Issue 1, pp. 1-18, https://doi.org/10.1080/23311886.2018.1478492
2.0	Oppong , R. A., Marful, A. B. , Sarbeng, Y. K. (2018) Conservation And Character Defining Elements Of Historical Towns; A Comparative Study Of Cape Coast And Elmina Streets To The Castles . Frontiers of Architectural Research (2018) Peer reviewed Journal, https://doi.org/10.1016/j.foar.2017.11.001

3.0	Danquah, J. A., Marful, A. B., Duah D. Y. A., (2017) , Sustainable Practices In Real Estate Housing In Ghana: Perception Of Occupants ; RISUS – Journal on Innovation and Sustainability, São Paulo, v. 8, n.4, p. 98113. - ISSN 2179-3565
4.0	Oppong, R. A., Marful, A. B., Asare, E.S., (2017), Improving urban visibility through fractal analysis of street edges: The case of John Evans Atta Mills High Street in Accra, Ghana . Frontiers of Architectural Research (2017) Peer reviewed Journal, http://dx.doi.org/10.1016/j.foar.2017.04.002
CONFERENCES ARTICLES (conference proceedings/published abstracts)	
5.0	Danquah, J. A., Marful, A. B., & Duah, D. (2019, April). Exploring Barrier-Free as a Catalyst to Smart Cities Initiatives in Sub Saharan Africa . In Real Corp 2019–Is This The Real World? Perfect Smart Cities Vs. Real Emotional Cities. Proceedings of 24th International Conference on Urban Planning, Regional Development and Information Society (pp. 339-351). CORP– Competence Center of Urban and Regional Planning. ISSN 2521-3938
6.0	Marful, A.B. D. Duah, J.A. Danquah (2018). Smarting the Cities: A Catalyst for Acculturation in Ghana? , Proceedings Of The 54th ISOCARP Conference Held In Bodo, Norway, 1st to 4th November,2018.
7.0	Marful, A.B. , Ayeke, E., (2018) Afro-Mobitecture as a Catalyst for Resilient Community Development in Sub-Saharan Africa . 3rd International Alumni Conference (MIPALCON 2018) with theme: RESILIENT AND SMART CITIES, Stuttgart(Germany, 25th – 28th September, 2018
8.0	Marful, A.B. , Ayeke, E. & Oppong, R.A. (2018) Strategies for Making Peri-Urban Coastal Communities Resilient in Sub-Saharan Africa: The Case of Ningo-Prampram ; 54th ISOCARP- Theme: COOL PLANNING Conference Proceedings, Bodo, Norway, 1st-5th October, 2018
9.0	Haruna, A. I., Oppong, R. A., Marful, A. B. , (2017) Exploring the Use of Biotope Structure Analysis for Building Sustainable Communities in Ghana. International Conference on Education, Technology and Entrepreneurship(ICETE-June, 2017)
10.0	Haruna, A. I., Oppong, R. A., Marful, A. B. , (2017), An Exploratory Assessment of Landscape Ecological Aesthetics in KNUST-Kumasi. 6th International Conference on Infrastructure Development in Africa(ICIDA, 2017)
EDITED BOOK CHAPTERS	
11.0	Marful, A. B. , Danquah, J. A., Duah D., Oppong R.A. (2019) Towards A Smart-Cultural Peri-Urban Community: The Case of Kyebi, Ghana, International Society of City and Regional Planners (ISOCARP) Review 15: Planning for Metropolitan Area (2019), P.360-371, ISBN: 978-90-75524-628

7. RECORD OF SERVICE TO THE COMMUNITY (UNIVERSITY/NATIONAL/INTERNATIONAL WITH DATES AND SUPPORTING EVIDENCE) SINCE APPOINTED

(i) Service to the University Community

No.	Date/Period	Position/Role
1.	21 st -July- 1 st November, 2023	Team Lead - Re-Design of School of Graduate Studies
2.	23 rd March, 2021–	Member - Public Lectures Committee (June 2024)

	to date	
3.	13 th April,2023	Chairman - Committee to Plan International Industry-Academia Bonding Fair 2025(I-BONDING 2025)
4.	April, 2023	Member -Faculty Welfare Committee (Faculty of Built Environment)
5.	1 st March 2021- Date	Academic Tutor – Department of Architecture, Kwame Nkrumah University of Science and Technology, Kumasi.
6.	25 th March, 2024	Member- Building Committee for Brew-Hammond Energy Centre (March,2024)-
7.	4 th January 2024 - Date	Chairman -Committee to development of a 5-year Strategic Plan -for TCC International Centre for Innovation, Manufacturing, Technology Transfer and Entrepreneurship (TCC-CIMET) (January 2024)-
8.	4 th April, 24	Co-Opted Member - Committee to Develop Architectural Support Services for the construction of the Ayeduse Community Durbar Grounds.
9.	4 th April, 24	Member of the Adhoc Committee to Review the Synopses for Master of Architecture Research Design Thesis for 2024/2025 Academic Year (April 2024)-
10.	10 th May, 2023	Sponsorship Chair - Faculty Conference Committee for ICIDA 2023. (May 2023)
11.	4 th October, 2023	Member - the Interview panel for Graduate studies candidates for Department of Architecture (October 2023)
12.	19 th September, 2023)	Member - Joint Technical Committee to develop concept paper for collaboration on Research and Development, Training and Capacity Development, and Implementation of the Tertiary Student Driver Licence (TertDrive) Project.
13.	10 th February, 2023	Deputy Faculty Examinations Officer (February 2023)-
14.	December, 2021 - Date	Academic Tutor for 2022/2023
15.	31 st July 2023	Design and Co-supervision for the Refurbishment of the Offices of International Programmes Office
16.	27 th November 2023	Member - Integrated Project Committee for Faculty of Built Environment
17.	24 th November 2023	Member - Research Promotion Committee for Faculty of Built Environment
18.	11 th November 2023	Fellow- TCC-CIMET Fellowship (November 2023)
19.	14 th March 2022- date	Chairman - Committee to develop a strategic plan to convert the Department into a school of Architecture (March 2022)
20.	20 th May 2022	Representative of Accredited schools of Architecture on GIA Council, 2022 to 2024 (May 2022)
21.	1 st April 2022	Vice Chair of Committee to develop the KNUST International Center (April 2022)
22.	6 th December 2022	Project Manager for IPO, KNUST on German Development Cooperation contract (December 2022)
23.	3 rd February 2022	Member- Graduate Programmes Committee for Department of Architecture (February 2022)
24.	22 nd August 2022	Department Coordinator as Industrial Liaison Officer (August 2022)
25.	30 th September, 2021	Representative of KNUST for Royal Dialogue on Climate Change and the Sustainable Development Goals (September, 2021)

26.	5 th - 5 th August 2021	Juror for the MARKETS-4-ALL COMPETITION by Department of Architecture
27.	17 th May 2021	Member -Committee on Creativity and Innovation Recognition Programme (SCIRP), KNUST (May 2021)
28.	15 th November 2021	Member - Graduate Programmes Committee for Department of Architecture (November 2021)
29.	12 th July, 2021	Member - Committee to develop Collaboration between KNUST, Department of Architecture and Adjaye Associates (July 2021)
30.	5 th August 2021	Member - Committee of Staff Development Programme for Department of Architecture
31.	13 th April 2021	Member - Committee to select Teaching Assistants for Department of Architecture
32.	30 th July 2020 - 20 th February 2023	Departmental Examinations Officer , Department of Architecture.
33.	August 2022	Resource person at Lisa 2022 Regional Workshop
34.	5 th December 2022 – 1 st March 2023	Research Grant – German Cooperation Development (GIZ) Project of Inclusions with Disabilities. Project Number: 19.2022.5.001.00 worth Ghs201,240.00
35.	September – December 2022	Grantsmanship , Co-Lead to raise funding for the Operation of the Phase 2 of the GHACEM Mobile Cement Academy. GHS200,600.00 (~\$16,716.67) in 2022
36.	2 nd October, 2023	Grantsmanship - VREF-Mobility and Accessibility in African Cities (MAC-ARP) (October 2023) 65,000 Swedish Kronor (Equivalent of 6,180 USD)
37.	October, 2024	Grantmanship - Raise Funds for Students Field Trip at the Department of Architecture KNUST: The Peri-Urban Survey at Adaklu. 230,000GHC
38.	March – July 2024,	Project Proposal Preparation - VREF-Mobility and Accessibility in African Cities (MAC-ARP) – Walking as a Means of Transport (Submission deadline August 2024 for a grant of 5,469,000 Swedish Kronor (Equivalent of 520,000 USD))
39.	June, 2024	Proposal Development – TRANS-SAHARA -Novel WEFEX Nexus-based approaches towards agroforestry management in the Greater North African Region (June 2024)- 5,997,350 USD In response to the HORIZON-CL6-2024-FARM2FFORK-01-10 with the Proposal Number: 101182176 <i>At the agreement Signing Stage</i>

(ii) **SERVICE TO NATIONAL COMMUNITY**

No.	Date/Period	Position/Role
1.	24 th August 2023	Partnership as Architect for Ghana Institution of Engineering (GhIE)
2.	13 th December, 2022	Member of Interview panel for PPE 2022 Pre-Examination Interviews for GIA (January 2023)
3.	13 th November, 2023	Chair of panel of Accessors for Accreditation of Programme at Accra Technical University for Ghana Tertiary Education Commission (GTEC) (November 2023)
4.	16 th August , 2022	Resource person for the GIA Professional Practice Examination. (August 2022)
5.	5 th December,	Member of panel of Accessors for Accreditation of Programme at Ho

	2022	Technical University for Ghana Tertiary Education Commission (GTEC) (December 2022)
6.	September, 2021	Representative of KNUST for Royal Dialogue on Climate Change and the Sustainable Development Goals at Akyem Abuakwa Traditional Council (September,2021)
7.	16 th July, 2020	Member of the Education Committee of the Architects Registration Council of Ghana (July 2020 to Date)
8.	13 th July, 2021	Examiner for the 2021 Ghana Institute of Architects PPE (July 2021)
9.	24 th June, 2024	Resource Person and Facilitator- Orientation workshop for Selected District assemblies under the Ghana Smart SDG Cities Programme

(iii) SERVICE TO INTERNATIONAL COMMUNITY

No.	Date/Period	Position/Role
1.	June 2022 - date	Reviewer for Frontiers of Architectural Research Journal (June 2024)
2.	January - May 2023	Supervisor of “Young Academics” at Next Generation City Action 2023 (May 2023)
3.	June - October 2023	Mentor at Global Innovation Initiative, Technical University of Denmark (May 2023)
4.	December 2021-Date	Reviewer for Cogent Humanities journal (January 2023)
5.	January-April 2022	Speaker and Facilitator – Design for Resilient Communities International Symposium at John H. Daniels Faculty of Architecture, Landscape and Design at the University of Toronto. (April, 2022)
6.	4 th July 2022	Facilitator and resource Person – Invitation to lecture at the University of Toronto (July 2022) -
7.	June 2021	African Expert and Facilitator - Selected as an expert for STUBE to deliver a lecture and facilitate online sessions for International Students in the State of Baden Wuerttemberg

SIGNATURE:.....DATE:..10/03/2025.....

...

REFEREES:

1. Professor Francis Davis
Director General
TCC-CIMET
KNUST
Tel: +233 244675710
Email: fkdav@yahoo.com/directorgeneral.tcc@knust.edu.gh

2. Arc. Professor Daniel Y. A. Duah
Dean, International Programmes Office
Office of the Vice Chancellor
KNUST
Tel: +233246593717
Email: duahdani@gmail.com/dean.ipo@knust.edu.gh