1. ***CURRICULUM VITAE*: DONALD AMRAGO**

Name of staff: DONALD AMRAGO

Profession: Research Fellow

Work Experience / Consultancy: 26 years

Nationality: Ghanaian

Membership of Professional Body: Institute of Directors, Ghana.

Aid to Artisans, Ghana

**Key Qualifications** **and Experience.**

The consultant has very huge field experience in development work; his specialty is, providing innovative solutions to identified community challenges through creative capacity building and hands-on employable skills and other related activities. He is an astute planner and event’s organizer and single handedly planned several capacity building workshops, expositions and exhibitions for trainer of trainers and transferred several technologies in Cement Roofing Tiles, 1992 – 2000, Clay Bricks, 1995 – 2005, micro/small and medium scale enterprises and local entrepreneurs, 2005 -2010. Graduate Entrepreneurship Training and Youth Empowerment, 2010 to date. All these positions and responsibilities were held at Technology Consultancy Centre, K.N.U.S.T., Kumasi Ghana.

**Education:**

Degrees Dates Schools

MA Human Resource Management 2013 University of Cape Coast

Post Graduate Diploma Industrial Management 1990 K.N.U.S.T. Kumasi

B A Art (Ceramics) 1985 K.N.U.S.T. Kumasi

**Certificates:**

Advance Corporate Governance (Diploma) 2012 Institute of Directors, Ghana

Small Business Management and Entrepreneurship 2008 University of Ghana, Business

School.

**Employment Record**

2010 to Current: Research Fellow

In charge of Graduate Entrepreneurship Training and Youth Empowerment, by providing advocacy and training / hands – on to students and youth to enable them acquire employable skills required in the job market.

March 2019: Planned and executed an international exchange programme for the University of Pennsylvania PENN ABROAD Spring programme on Culture, Health and Development in Ghana. It was hosted by the Technology Consultancy Centre, KNUST.

2010 – 2014: Planned and organized an international development exchange programme on intercultural activities in a developing world environment for University of Pennsylvania, USA and KNUST students.

1995- 2005 : Head Ceramic units, T.C.C., K.N.U.S.T. Kumasi Responsible for training and Transfer of Technologies in Roofing Tiles, Roof Construction, Energy saving Cook stoves, Furnaces, Foundry and Pottery Techniques.

1992 – 1995: Assistant Head Ceramics Unit, T.C.C., K.N. U.S.T. Kumasi.

1987 -1992: Research Assistant Ceramics Unit, T.C.C., K.N.U.S.T. Kumasi.

1985 – 1987: National Service Personnel, T.C.C., K.N.U.S.T. Kumasi.

Events, Fairs and Exhibitions Organized.

* March 2019: Organized a 10-Day Culture, Health and Development in Ghana. (An exchange programme between Technology Consultancy Centre, KNUST and University of Pennsylvania for 10 and 20 undergraduates respectively)
* 2015 to 2018: Designed, manufactured, installed and trained staff of Centre for National Culture in ceramic machines and maintenance in Potter’s wheels, Clay mixers and Gas kilns in Accra, Cape Coast, Kpando and Dua Yaw Nkwanta.
* 2014-2015: Team leader to conduct survey in the Chirano Mining catchment area Bibiani Western North Region of Ghana
* April 2011: INDUTECH KUMASI for Ashanti and Brong Ahafo Regions. Planned, Organised and participated in the eight- day exhibition by Association of Ghana Industries (A.G.I.) for Ashanti and Brong Ahafo Regions in which K.N.U.S.T. participated at Prempeh Assembly Hall. Kumasi, Ghana.
* May 2010 to May 2014: Planned Summer Schools for University of Pennsylvania, USA and Kwame Nkrumah University of Science and Technology Kumasi students, hosted by Technology Consultancy Centre at. K.N.U.S.T. Kumasi, Ghana
* June – July 2009 and 2011: Organised International Design and Development Summit for Seventy Participants from 25 countries hosted by the Technology Consultancy Centre, K.N.U.S.T. Kumasi, Ghana.
* Nov. 2010 : Planned, Organised and participated in an international Conference. 4th International Conference on Appropriate Technology. (4th I.C.A.T.) Legon, Accra Ghana.
* February 2007 and Much 2009: Planned and Organised K.N.U.S.T. Participation in Education fare by I-Texon Ghana Ltd., Held at Prempeh Assembly Hall, Kumasi and Centre for National Culture, Cape coast respectively.
* January 2006 and August 2005: Planned and Organised workshop for 40 Artisan Metal Fabricators from Suame Magazine in Kumasi, for the production of environmentally and user friendly energy saving charcoal cook stoves, Suame Magazine Kumasi Ghana. A U.N.D.P. funded project. *The Insulated Ahibenso Charcoal Stove.*

**Publications /Articles and Innovations:**

* Gorden Foli, George Obeng, Michael Adjaloo, **Donald Amrago**. (2018) Apportionments of Funds to Mining-Impacted Communities within Forest Reserve Environments in Ghana. *Environments and Natural Resources Research*; Vol. 8,No 3: ISSN 1927-0488 E-ISSN 1927-0496
* Obeng G.Y, Adjalo,M.K. **Amrago, D.K** (2013) Analysis of Skills and Training Needs of Metalwork Engineering enterprise in Ghana. International Journal Of Engineering and Science (IJES). //Volume //2 Issue// 8// Pages// 102-112//2013// ISSN(e): 2319-1813ISSN(p): 2319-1809
* *Innovation* : Designed and constructed a smokeless stove “DONAGO stove” that has been adapted for schools feeding programme, Gari roasting, Palm and coconut oil production, soap making, Prisons, Hospitals, Food vendors etc.
* ***Won 2nd Prize for best Firewood Stove in Ghana. DONAGO smokeless stove Jan. 2019***

***Organized by SNV Ghana and Ghana Alliance for Clean Cook Stoves***

* **Donald Amrago,** Efficient Firewood stoves and Fire Places for Small Enterprises. Presentation made at the Volta Fair, November, 2016. Ho V/R.
* **Donald Amrago,** Demonstration of Earth Materials (Clay) as appropriate materials for heat resistance. Workshop held for women engaged in reducing post-harvest losses

.October 2015. Wenchi B/A

**Donald Amrago**

(*Member of the team that drafted the standard for Fiber Tiles and Micro Concrete Roofing Tiles).* GS 158:1995. Building and construction materials –Specification for Fibre and Micro Concrete Roofing Tiles and Fittings. Ghana Standard Board ICS 91.100.30

**Teaching and Thesis/Project Supervision**

Teaches at the undergraduate level. Course; Clay Integration and Forming Techniques at the Dept. of Integrated Rural Art and Industry-IRAI 155/156, 255/256 and 455/456

Thesis and Project Supervision at the Ceramics Section, Material Engineering and IRAI

**Development Projects and Social Interventions**

* October 2016: Pilot demonstration project on Smokeless Gari Roasting Stove at Akrofrom, Techiman North district, Grong Ahafo Region, Ghana.
* July 2015: Consultant for SNV Efficient Stoves Programme on Fish Smokers, Gari Roasting, Pito Brewing and Shea butter at Akplowotorko – Keta District, Mafi – Kumasi, and Tamale respectively.
* 2013 – 2014: Conducted Needs Assessment for communities in Newmount Gold Mines catchment area. Chirano, Western Region, Ghana.
* March 2012: Built Gari Stoves for Manchie Women Cassava Processing at Amasaman, Ga West District Assembly.
* 2010 to date(yearly June-July): Planned and Co-ordinated Skills and Hands on Training for undergraduates students from K.N.U.S.T., Kumasi through attachments at small scale engineering workshop at Suame Magazine, Kumasi. Ghana.
* May 2011: Designed and constructed a small scale aluminium Casting furnace for the Department of Integrated Rural Art and Industry K.N.U.S.T., Kumasi. Ghana.
* Nov. 2009/Nov. 2010: Run demonstration workshops on the Operations and Techniques for Gari Roasting Furnace and Energy Efficient Stoves and Furnaces for small scale/Domestic enterprises. Volta Fairs and exhibitions, Ho. Volta Region, respectively.
* 2008/2009: Conducted Needs Assessment for small scale engineering clusters in Kumasi Metropolitan Area. Consultancy Assignment by Ministry of Transport.
* Dec. 2008: Designed and constructed Firewood Furnaces for Palm Oil producers. Asuom/Kade Eastern Region, Ghana.
* 2008 August/2007 June: Trained 50 Potters at Tanaso in the Brong Ahafo Region, in New Trends and Designs in Pottery. Funded by Newmont Gold Mining Company as part of their activities to provide sustainable livelihoods for displaced communities in the mining areas.
* Nov.2007: Designed and constructed Gas Furnaces for Roasting Gari. Tano –Dumasi. Ashanti Region, Ghana.
* May, 2007: Designed and Constructed Firewood Furnaces for Roasting Gari for Displaced Communities at Newmont Gold mining Catchment Area. Kenyasi No 2. Asutefi District. Brong Ahafo Region.
* 2005 – 2007: Intermediate Technology Production of Clay Bricks as an affordable walling material. T.C.C. Clay Sites Akrofrom near Nkawie, Ashanti Region.
* 1990-2005: Training and Transfer of Technology in Cement Tiles: Production, Roof Construction, Laying and Capping of Roof Tile Roofs, throughout the 10 regions of Ghana. Technology Consultancy Centre (KNUST) was the Focal Point for the transfer of this technology.

4**. LANGUAGES**

|  |  |  |  |
| --- | --- | --- | --- |
| ***Language*** | ***Speaking*** | ***Reading*** | ***Writing*** |
| Twi | Good | Fair | Fair |
| English | Excellent | Excellent | Excellent |
| Ewe | Excellent | Good | Good |