AFRICAN ADVANCED LEVEL TELECOMMUNICATIONS INSTITUTE (AFRALTI)

TRAINING WORKSHOP OUTLINE

Title: ICT4D (Information and Communication Technologies for Development)

Proposed Dates: 26th – 30th January 2014, Arusha, Tanzania

Duration: 5 Days

Course Overview:

The use of Information and Communications Technologies in development (ICT 4 D) is not new. However, in 2000 they assumed a new prominence, when the United Nations and G8 group of industrialized countries flagged ICTD as a global development priority. Since then, the understanding of ICT 4D as a core development issue has been rapidly evolving.

ICT4D is an initiative aimed at bridging the digital divide (the disparity between technological "have" and "have not" geographic locations or demographic groups) and aiding economic development by ensuring equitable access to up-to-date communications technologies. Information and communication technologies (ICTs) include any communication device encompassing radio, television, cellular phones, computer, network, hardware and software, satellite systems and so on, as well as the various services and applications associated with them, such as videoconferencing and distance learning. This course will be looking at ICT in the development in the Government, Agriculture, Education and Private business sectors.

Target Audience:

This course will significantly benefit ICT professionals, public servants, private sector and all entrepreneurs who design, build and manage enterprise.

Pre-requisite/s:

It is recommended that to take this course one should have completed a certificate, diploma, degree or be working in the relevant fields,

Pain Points:

At the end of the workshop the participant will be able to understand the pain point in using ICT for development

- Access to technology being very limited
    - Internet penetration at individual level
    - Mobile penetration
    - Proportion of villages with access to internet
- Lack of useful content for rural populations and language and literacy barriers

- Limited transactional services
- Limited coverage of life events

Value Proposition:
The participants will gain the knowledge in;
  (i) Managing information security risk
  (ii) Combining emerging and traditional technologies to overcome constraints
  (iii) Creative use of technology in places or for a purpose not originally intended

Methodology:
The following methodology shall be used:
  (i) Presentation of key subject areas by the facilitator
  (ii) Sharing of experiences among the participants through brief presentations
  (iii) Readings and facilitator led discussion of assigned cases
  (iv) Questions and answers sessions at the end of each course module
  (v) Workgroups to come up with a typical Information Security Risk management solution comprising all the components

Workshop Objectives:
The objective of the workshop is gain understanding and how to use ICT for the development in the various fields of work or sector.

Workshop Learning Outcomes:
Upon completion of this course, participants will be able to:
  - Demonstrate a good understanding ICT
  - Raise awareness about the role of ICT for development, its benefits and requirements
  - Trend in ICT application
  - Limitation of ICT
  - Explain information, communications in business processes
  - Discuss measures to ensure use of ICT in Poverty alleviation.
  - Create an enabling environment for the adoption of ICT
  - Build capacity & skills for the information economy

Workshop Contents/Topics:

Topic 1: Development
  - What is development?
  - Understanding human development
  - Human development framework and global development goals
  - Managing human development
  - Communication and development
  - Linking ICT to global development goals
  - Current trends in ICT4D
  - Bridging the digital divide

Topic 2: Information and Organisation Communication Technology for Development
  - What is ICT – Scope and definition
  - Attributes of ICT
  - Trends in ICT4D Evolution and growth

Topic 3: ICT4D Applications in Major Section of Development
- ICT in Agriculture and poverty alleviation
- ICT in Education
- ICT in Health

Topic 4: ICT4D Application in Sustainability Development
- ICT in Environment and climate change
- ICT in Disaster Risk Management

Topic 5: ICT4D Application in Government
- e-Government and e-Governance
- ICT Citizen engagement and social accountability

Topic 6: ICT4D Application in Tourism and Culture
- ICT and the preservation of culture diversity
- ICT and rural tourism

Topic 7: Project Management
- Governance and Policy
- ICT4D project cycle
- Management change
- Building partnership for ICT4D

Topic 8: Technology Management
- Technology Access
- Technology Choice
- Technology Costs

Topic 9: ICT4D Human Capacity Building
- Government and public office
- Capacity building for the future

Topic 10: ICT4D Project Evaluation
- Evolution concept
- Stages of Evolution
- Approaches, Methodology and Tools
- Evolution methodology
- Evaluating ICT4D intervention

FACILITATOR BRIEF:

Ms Joyce Lamunu holds MSc in Data Communication and Software Engineering, BSc in Information Technology, Diploma in Computer Science and Certificate in Project Management with professional qualifications such as CCNA, CCNP. Her experience covers project management, including in e-government projects, policy and strategy. She participated in the formulation and implementation of e-government projects in Uganda enabling citizens to access government services, developing Information security policy and developing ICT Risk management toolkit.

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