

Client and Implementing Agency

Tele Communications Consultants India Limited (TCIL), New Delhi.
(A Government of India Enterprise)

Project: Pan African e-Network: Ethiopia Pilot Project

Product Implementation

Virtual Tele-ED	LIVE
(Synchronous learning)	
Virtual Tele-ED	LMS
(Asynchronous learning)	

Key Business solutions

- Establish Virtual University Portal for partner institutions as a knowledge management as a focus
- Enable live interactive lectures and capture and reuse for review learning purpose
- Scalability to accommodate future growth plans
- Enable capacity building and training of African counterparts.

Overview

The pilot project was initiated to provide Tele-education and Tele-medicine services from India to Ethiopia as a capacity building and training using Indian expertise. This is precursor to the Pan African e-Network project covering entire African Union with the Satellite and Fibre optic network set up by India. The project is the direct outcome of an offer made by then President Dr APJ Abdul Kalam in 2004 during the inaugural session of the Pan-African Parliament at Johannesburg.

The partner institutions from both sides are

For Tele-education services -

India: IGNOU, New Delhi.

Ethiopia: 1) Addis Ababa University, Addis Ababa 2) Haramaya University, Alemaya

For CME services -

India: CARE Hospital, Hyderabad

Ethiopia: Black Lion Hospital, Addis Ababa.

Beneficiaries from Ethiopia

- 40 students from Addis Ababa and Alemaya pursuing the MBA courses online from IGNOU, New Delhi
- Online training and continuing medical education to the doctors & paramedical staffs of Black Lion Hospital from CARE Hospital, Hyderabad.

Product solution

i-Grandee Virtual Tele-ED – Universal Interactive Tele-education Delivery system has been implemented to set up the Virtual University portal to cater to the need of partner institutions both from India and Ethiopia.

Virtual Tele-ED LIVE enables to bring virtual classrooms in a multi-studio and multi class environment with seamless two-way collaboration through heterogeneous network platform.

Virtual Tele-ED LMS provides the web based tools for Portal management, e-learning, content management, exam management, Digital Library, Studio management and Knowledge management.

During the official launch function of the project on 06 July 2007 at Addis Ababa, Indian External Affairs Minister Pranab Mukherjee commended that “ The tele-education programme would provide an opportunity to Ethiopian students to get higher education at low costs from top quality Indian institutions. This continues the tradition of India's close partnership with the countries of Africa in their developmental efforts aimed at the well being of their people”.

Network connectivity

2 Mbps International Private Leased Circuit with the last mile of Leased Line in India and wireless, MPLS, OFC in Ethiopia provided by TCIL.

Deployment Environment

At resource providing Institutions: Powered by IBM x server, MS Windows2003 Enterprise server, IBM Web sphere Application server, MS SQL server 2005 and the host of Multimedia Studio components

At beneficiary Institutions: Virtual Classroom set up powered with Multimedia PC, PTZ Camera, Audio system and Plasma monitor / LCD projector



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