Eritrea Institute of Technology: an innovative centre imparting knowledge and discipline
Natarajan Gajendran
Director, Curriculum Development & Review, EIT, Mainefhi, Eritrea (email: gajend6an@yahoo.com)

IndJST is proud to showcase the highlights of Eritrea Institute of Technology (EIT) - a centre adapting curriculum that ensures value-based education. EIT is as new to the academic world as IndJST to the sea of journals and as The State of Eritrea to the face of the World Nations. However, the birth of EIT has marked greater impact which can be a small step but the giant leap in the tertiary education sector of Eritrea. EIT was established in 2004 to catalyze the vision and mission of the country which is centered on the National Education Policy as part of ongoing National Reconstruction Process. Youths of Eritrea played vital role for its Freedom and have been actively participating in the Nation Building process. EIT was entrusted to rehabilitate the youths of war-returned veterans, along with those backlogs from the regular schooling, towards the corridor of academic excellence. The massive EIT campus was found with hundreds of furnished classrooms and also equipped with boarding and lodging facilities to educate about 10,000 students at a time which can be the world record in its own way. EIT has succeeded in the challenge of such twin task by conceiving its own curricula to offer hundreds of courses from 21 departments of 4 colleges without gestation period. It found an innovative method of mixing the expertise of few hundred expatriate staff with local doyens along with Eritrean Diaspora. EIT strives to foster all-round development in the human capital resource building. The net result is EIT mustered tremendous success in meeting the Nation’s contingency needs of providing the trained human capital ingrained with discipline and skill, instead of raw graduation.

Illiteracy and poverty is the root cause of most problems in this planetary life. Many developed countries too failed in their attempt of man-making education which is the need of this century. It is heartening to note that EIT was found functional in generating new class of Graduates mixed with mind and heart which can be the eye opener for the educational reformist around the globe, particularly for rest of African continent to emulate. Besides being the knowledge bank of the Nation, its excellent performance made EIT as the National pride and now occupies the key position for the best school performers to pursue their higher studies. As the Nation would emerge through economic reformation in the coming decades, the strengthening of industrial sector and technological solution will be highly depended on the skilled man-power that expected to be produced by EIT and similar institutes. The successful performance of EIT has marked great confidence among Nation Builders and thus the country has initiated 4 more colleges at different locations, recently.

EIT imparts learning value among students through various co-curricular activities ranging from organizing of “Science Day”, “Lecture Series” and awareness camp on “AIDS”, “Environmental Pollution”, “Tree Plantation” and through various voluntary social works. It also runs in-campus “Science magazine” and the news letter “Horizon” with the participation of student community. EIT provides ample opportunity for those talented students in the field of Theatre Arts and Fine Arts, sports and various cultural programs to enhance their skill. EIT also nurtures the undergraduate students and graduates in the academic field by honing their teaching talent through various curricular schemes like University student program and Graduate Assistant programs. EIT has become the nodal agent among academic institutes as it able to infuse discipline and skill as part of the curricula. The net result is students turn to be motivated graduates with creativity and dedication towards country and profession.

As part of the capacity building for higher education and Graduate manpower augmentation, EIT has crystallized Post Graduate Programs in various fields which is expected to be fully functional in the coming academic year. In this process, EIT has mustered all its resources and contacts to establish the required laboratories and learning resources. It also explores the way out for making the digital divide into digital dividend.
Students’ participation in AIDS campaign (cartoon by Luul Kidane, EIT)

Science Day & demonstrations

Find more about EIT and Educational breakthrough of Eritrea in Dr. Ravindra Rena’s article of this issue.