

***KCoST - Skills Development in Textiles for Rural Income Generation***

**ANNUAL GRANT REPORT, 1<sup>ST</sup> FEB 2012-28<sup>TH</sup> FEB, 2013**



*Participants of the Textiles Stakeholders' workshop held on 30<sup>th</sup> November, 2013 at Kyela Resort*

## BASIC INFORMATION - KCoST COMPETE GRANT

Name of Organization:	Kyela College for Skills and Technology
Mailing Address:	P.O. Box 52, Kyela
Physical Location:	Mpanda Area-Kyela
Phone:	+255 787028066
Fax:	-
Email:	<a href="mailto:lyrmwaikambo@udsm.ac.tz">lyrmwaikambo@udsm.ac.tz</a> , <a href="mailto:info@kcost.ac.tz">info@kcost.ac.tz</a>
Organization's Contact Person:	Dr. Leonard Mwaikambo
P F Tracking Number:	KCT-STA-012-0025
Title of Activity:	Skills Development in Textiles for Rural Income Generation”
Start Date of Reporting Period:	1 <sup>st</sup> February, 2012
End Date of Report:	28 <sup>th</sup> February, 2013
Date Report Submitted:	April, 2013

## TABLE OF CONTENTS

1.0 OBJECTIVE OF THE PROJECT .....	4
2.0 SUMMARY OF ACTIVITIES DURING THE PERIOD OF APRIL – JUNE 2012 .....	4
2.1 TASK 1: EQUIPMENT SEARCH .....	4
2.2 TASK 2: STAKEHOLDERS’ WORKSHOP1 .....	4
2.3 TASK 3: COURSE ADVERTISEMENT .....	5
2.4 TASK 4: EQUIPMENT PROCUREMENT .....	6
2.5 TASK 5: INSTALLATION OF EQUIPMENT .....	7
2.6 TASK 6: COURSE MATERIALS .....	7
2.7 TASK 7: CONDUCT TRAINING .....	8
2.8 TASK 8: VISITATION – STAFF .....	9
2.9 TASK 9: VISITATION – STUDENTS .....	9
2.10 TASK 10: PROGRAMME ACCREDITATION .....	10
2.11 TASK 11: TEXTILE CLUSTER FORMATION .....	10
2.12 TASK 12: TRAINING OF TRAINERS .....	10
2.13 TASK 13: COURSE EVALUATION .....	10
2.14 TASK 14: STAKEHOLDERS WORKSHOP2 .....	11

## 1.0 OBJECTIVE OF THE PROJECT

The main objective of the project is to deliver skills on textile technologies including garment design and fashion design complemented with entrepreneurial skills for job creation.

## 2.0 SUMMARY OF ACTIVITIES DURING THE PERIOD OF FEBRUARY, 2012 – FEBRUARY, 2013

This report provides implementation of costed activities as indicated in the financial part of the budget track for a period of 13 months 1<sup>st</sup> February, 2012 to 28<sup>th</sup> February, 2013

### 2.1 TASK 1: EQUIPMENT SEARCH

The objective of this task was to source equipment using the internet, emails and telephone calls which were planned for thus responding to the main goal of the project which was to develop skills in Textiles for rural income generation. The equipment sourced are *Sewing machines Zig Zag, Sewing machines straight, Overlock, Button attach, Button Holler, Cutting Machine, Set Squares, Knitting Machine and power generator*. Also consumables such as *Sewing and knitting spares, Scissors-12"* were procured. The activity was accomplished within the specified time.

### 2.2 TASK 2: STAKEHOLDERS' WORKSHOP1

The activity was conducted to create awareness and sensitise textile industrialists and the NGOs about the College's activities, discuss, and provide input to the draft curriculum so that it responds to the industry's quest for skilled personnel. The workshop was conducted on 13<sup>th</sup> and 14<sup>th</sup> April, 2012.

The workshops was conducted as planned where; about 30 stakeholders' from various large scale textile manufacturing companies and small and medium enterprises mainly those involved in the garment and Fashion design sector and government institutions attended the workshop. The large textile manufacturers included A to Z Textile LTD, 21<sup>st</sup> Century textiles belonging to MeTL group of companies, Tanzania-China friendship textile also known as URAFIKI and the MSK Solution Limited. The fashion and garment participation involved the Afrikasana fashion, EDMA leatherworks, Tanzania Women Chambers of Commerce (TWCC) and the government institutions were the Small Industries Development Organisations (SIDO), Vocational Education Training Authority (VETA), KCoST staff, guest lecturers and few staff from the University of Dar es Salaam (UDSM). A complete list of the participants is attached.

Inputs from the workshop group discussions were adopted and used to polish the draft curriculum. The draft curriculum was used for the delivery of the courses during 2012 academic year the and any short fall were recorded and brought for discussion at the second stakeholders' workshop held in November, 2012. To effectively implement inclusion of the short comings experienced during the reporting period an evaluation exercise was conducted towards the end of the project. Fig. 1 and 2 shows photographs of workshop participants.



Fig. 1: (a) Registration of workshop Participants  
workshop participants



(b) Representative of MeTL talking to



Fig. 2: (a) Workshop participants discussing the Curriculum



(b) Representative of A to Z textiles  
talking to workshop participants

### 2.3 TASK 3: COURSE ADVERTISEMENT

The aim of this task was to use local and National media such as radios, newspapers, to publicise and create awareness to the public about the existence of the College. The task was implemented using public media mentioned above within and outside Kyela District. The Kyela District Radio was extensively used to advertise for student admissions and the stakeholders' workshops. Also a College website, [www.kcost.ac.tz](http://www.kcost.ac.tz) was developed. The website has also been linked to the predecessor website [www.epa.udsm.ac.tz](http://www.epa.udsm.ac.tz) to capture wider readership.

## 2.4 TASK 4: EQUIPMENT PROCUREMENT

The aim of this task was to procure laboratory equipment which is essential for the effective delivery of the training. The activity involved:

- i. **Procurement of learning and laboratory equipment** which included *sewing machines straight, over lock, Button attach, Button Holler, Cutting Machine, Set Squares, Knitting machine, sewing and knitting spares, as well as Scissors-12"*. This task was completed in mid April, 2012.



Fig. 3: (a) Sewing machines straight type



(b) Knitting machines



Fig. 4: (a) Cutting machine



(b) Over lock machine

- ii. **Procurement of teaching materials:** Teaching materials such as *reams, manila cards, drawing pens and pencils, drawing colours, and chalks* were procured as and when required basis.

### iii. Procurement of Generator.

In order to ensure constant and adequate supply of electricity a generator was purchased. The activity was completed in mid May, 2012, installed and commissioned six months later due to delayed completion of generator hut and connections to main electricity supply. The installation of the generator has immensely eased problems caused by power supply outage. Fig. 5 shows the generator in its installed position at KCoST premises



Fig. 5: Power Generator

## 2.5 TASK 5: INSTALLATION OF EQUIPMENT

All the procured teaching machines have been installed and they are operational. The availability of the training equipment has made the delivery of courses more motivating to students and complement real time industrial situation, which is good for the development of skills to graduands. Fig. 6 shows various garment making machines installed at KCoST



(a)



(b)

Fig. 6: Some of the installed garment making machines (a) Sewing machines, (b) Students in the class some on sewing machines

## 2.6 TASK 6: COURSE MATERIALS

The aim of this task was to ensure availability of materials that are essential for effective course delivery. However, the course materials have been prepared by visiting lecturers from the University of Dar es Salaam. The University of Dar es Salaam have signed a memorandum of understanding with Kyela College for Skills and Technology and one of its main contribution is to: To provide guidance to KCoST on curricula developments and delivery assistance that would engage CoET academic and technical staff on short term visits, thus ensuring quality training. The said MOU is attached to this report for record purposes. UDSM staffs are also engaged as visiting lecturers to KCoST.

## 2.7 TASK 7: CONDUCT TRAINING

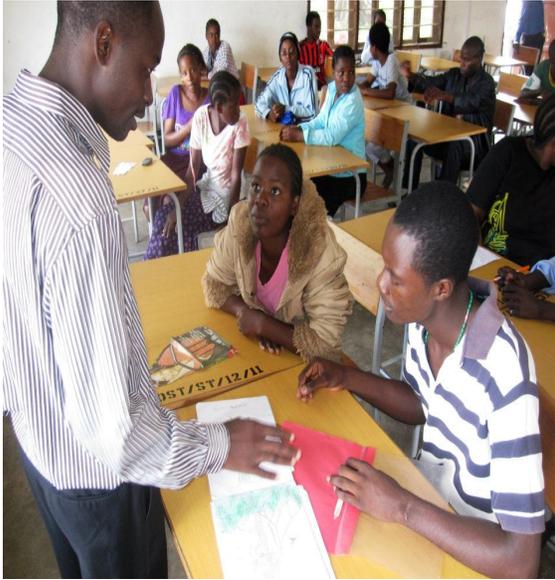
The aim of this activity was to provide training that will be conducted in two semesters each taking twenty (17) weeks with two weeks set for semester examinations and the remaining 15 weeks are used for lectures. The first semester started February, 2012 and end mid June, 2012. The industrial practical training (IPT) was conducted for four weeks in August instead of the planned time of June/July due to delays to get formal invitations from the textile factories. The second semester was run between September and November, 2012 with the graduation ceremony held on 30-11-2012.

### i. Admission of students for the year 2012

The admission of students took place between January and February, 2012. Even though the deadline for admission was at the end of February, the college kept on receiving students up to mid March, 2012. This was to give opportunity to students who wanted to join the training after receiving Form IV results in February. The task was thus completed in March 2012, with a total of 55 students registered out of whom around 51% of the graduates were female.

### ii. Course delivery

Teaching of the 2012 batch of students started in January, 2012 and lasted for nine months. Delivery of subjects started in January except TX 001: Textile Technology which was delayed until May due to delay to get a visiting staff from University of Dar es Salaam. For all the subjects taught at KCoST, there is always one visiting staff from the University of Dar es Salaam attached to it who is also used to mentor the KCoST staff responsible for that particular subject. This plan is essential at this stage of the College when all of its young tutors are inexperienced to be trusted with the responsibility of teaching own their own. The University of Dar es Salaam has agreed to assign one of its academic staff to one subject to ensure quality delivery. See article 1 section 1.2 of the MOU.



(a)



(b)

*Fig. 7: A visiting lecturer from the University of Dar es Salaam (a) Discussing with students during class work (b) students doing fashion design work*

## **8 TASK 8: VISITATION – STAFF**

The aim of this activity was to strengthen KCoST staff knowledge for effective delivery of their courses. The activity also helps KCoST staff to develop networking with other professionals.

Staff visitation to textile factories was arranged to coincide with students' visitation in August, 2012. The activity was meant to provide the staff the real time textile environment to complement their knowledge. The exercise was very successful and inspirational particularly to newly employed KCoST Tutors.

## **2.9 TASK 9: VISITATION – STUDENTS**

The aim of this activity was to provide the students with real and practical working environment as part of skills development, and it was carried out in August, 2012. The visitation besides providing industrial skills to students, it was also used as a platform of interaction between the students and their future possible employers.

Three large scale textile manufacturing factories invited the students for IPT as follows: 25 students spent their IPT at Sunflag Textile Mill in Arusha, 15 at MeTL's 21<sup>st</sup> Centaury Textile Mill in Morogoro and 18 at MeTL's 21<sup>st</sup> Centaury Textile Mill in Tanga. Each group was accompanied by one tutor to assist in the supervision and administration activities. The visitation was very useful as it motivated the students to work harder in their studies.

## 2.10 TASK 10: PROGRAMME ACCREDITATION

This activity is ongoing in the sense that the accreditation has not yet been issued but it is expected that the responsible organ will do so by the end of this year when they will have assessed the physical infrastructure at Kyela. However, a final version of the curriculum has not yet been submitted as it awaits approval from KCoST Board of Directors. The Board is scheduled to sit sometime in May, 2013. Final version of the draft curriculum is attached to this report.

## 2.11 TASK 11: TEXTILE CLUSTER FORMATION

The aim of this activity is to establish textile clusters in a form of SMEs. Three clusters have been formed one each in Kyela, Mwanza and Mara. The picture below shows the College Administrator handing over a flat bed knitting machine to cluster members in Kyela.



Fig. 8: The KCoST Administrative Officer (centre) and Tutor Twitike (left) handing over one flat bed knitting KCoST graduate (right) for their textile cluster.

The award is part of the KCoST efforts to support textile clusters to promote self employment among the Youth. The knitting machine was bought using USAID COMPETE funds.

## 2.12 TASK 12: TRAINING OF TRAINERS

The aim of this task was to ensure that there are enough trained tutors to train the students at the college. This activity has not yet been done because of difficulties in securing suitable internal and external Colleges for short course training during project time. The funds for this activity were channelled to other activities with permission from the donor.

## 2.13 TASK 13: COURSE EVALUATION

A consultant was appointed to undertake the evaluation exercise during the last three months of the project. The evaluation was completed on time and its report is attached to this submission. In brief the evaluation has revealed some very important findings to the project and the College in general. Some of the key findings are that:

- The training offered at KCoST is very useful to the textile industry and advises the College to enrol enough numbers of students to meet the current and future demand of the industry which for A-to Z Textiles only stands at 500 new recruits each year for the next three years. Thus KCoST will have to increase its output by nearly 90% to achieve the indicated demand. The trend is similar for other textile mills.
- The challenge to KCoST is to match the demand with the training resources such as availability of qualified teaching staff including hiring visiting lecturers from the University of Dar es Salaam, whom in the past have contributed immensely to maintain quality delivery of the course, infrastructure such as workshop space, which at the moment is the biggest problem, training facilities and making sure that the existing machines are operational.

## 2.14 TASK 14: STAKEHOLDERS WORKSHOP2

The 2<sup>nd</sup> stakeholders workshop was conducted on 30<sup>th</sup> November, 2012. The workshop was used firstly to provide the opportunity to the industrialists to discuss and provide inputs to a final draft curriculum approve and own it. Secondly it was used as evaluation platform of the project. The industrials had expressed satisfaction to the training offered at KCoST and expressed that it would add value to the production lines.

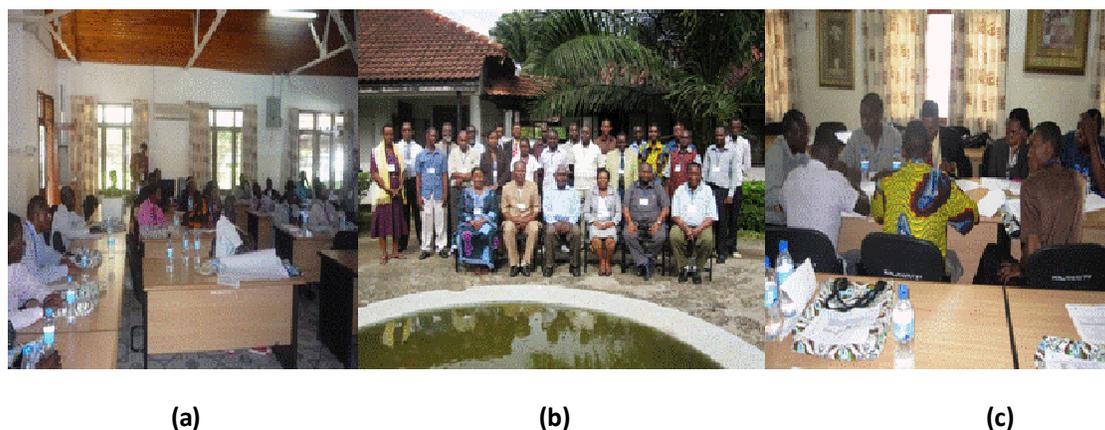


Fig. 9: Group photographs of stakeholders' workshop held on 30-11-2012 at Kyela Resort (a) Participants listening to a presenter (not in picture), (b) group photograph of participants and (c) some of participants in breakaway discussing session.

The participants approved the curriculum with minor adjustments based on their inputs. The technical team incorporated all relevant inputs from the participants and produced a final version of the curriculum which is ready for submission to the accreditation authority which in this case it is the National Council for Technical Education (NACTE)