| Internship Placement Officer | Internship Training Officer             |
|------------------------------|---|
| Ssenyondwa Allan             | Kiyuba Sulaiman Nkuutu                  |
|                              |   |
| Date                         | Date                                    |
|                              |   |
|                              |   |
| Training :                   | Manager                                 |
| Kyalimpo                     | a Joseph                                |
| •••••                        | ••••••••••••••••••••••••••••••••••••••• |
| Date                         | •••••                                   |
|                              |   |
|                              |   |
|                              |   |
| Executive                    | Director                                |
| Sebaggala                    | M. Kigozi                               |
| •••••                        | ••••••                                  |
| Date                         | •••••                                   |

# **Table of Contents**

| Li | st of | AcronymsIII  |
|----|-------|--|
| Li | st of | Tables   |
| Li | st of | FiguresV   |
| E  | kecu' | tive SummaryVI   |
| 1  | Ir    | ntroduction1   |
| 2  | G     | eneral information about the interns2                        |
| 3  | P     | lacement of Interns4   |
|    | 3.1   | Actual placement6  |
| 4  | C     | ourse distribution of Interns7                               |
|    | 4.1   | Total Placement per course8                                  |
|    | 4.2   | Actual per course8   |
| 5  | G     | ender Distribution9  |
|    | 5.1   | Gender per course9   |
|    | 5.2   | Gender per month10   |
| 6  | Ir    | nterns per Company11   |
| 7  | Ir    | nterns Retained  |
|    | 7.1   | Internship status after completion of the HEST Internship    |
|    | 7.2   | Interns Retained per month                                   |
|    | 7.3   | Interns Retained per course12                                |
|    | 7.4   | Interns Retained per company13                               |
| 8  | C     | hallenges and Mitigations14                                  |
| 9  | Ir    | nterns Not Yet Placed as of 31 <sup>st</sup> December 201515 |
| 10 | 0     | Skills Attained  |
| 1: | 1     | Way forward16  |
| 12 | 2     | Conclusion   |
| Δ  | NNF   | Χ  |

# **List of Acronyms**

AfDB African Development Bank

**BIs** Benefiting Institutions

**BSc.** Bachelor of Science

**BUS** Busitema University

Dip. Diploma

**GoU Government of Uganda** 

**GU Gulu University** 

**HEST** Higher Education Science and Technology

**KYU Kyambogo University** 

Lab Laboratory

**MoESTS** Ministry of Education Science Technology and Sports

MSc. Master of Science
MU Muni University

MUBS Makerere University Business School

MUK Makerere University Kampala

MUST Mbarara University of Science and Technology

**S&T** Science and Technology

**UMA Uganda Manufacturers Association** 

**UMI Uganda Management Institute** 

# **List of Tables**

| Table 1: Total composition of Interns recommended by MUST on Gender basis           | 2  |
|---|----|
| Table 2: Total number of interns sent per course                                    | 3  |
| Table 3: General placement of interns on Monthly basis                              | 4  |
| Table 4: Total number of actual interns who completed the training placed per month | 6  |
| Table 5: Course Distribution of Interns Recommended by MUST                         | 7  |
| Table 6: Internship placement per course  | 8  |
| Table 7: Actual Internship placement per course                                     | 8  |
| Table 8: Gender composition of interns recommended                                  | 9  |
| Table 9: Gender composition per course of interns recommended                       | 10 |
| Table 10: Gender Composition of interns placed on monthly basis                     | 10 |
| Table 11.Interns taken per company on Gender basis                                  | 11 |
| Table 12: Interns retained on gender basis  | 12 |
| Table 13: Interns retained on Monthly Basis   | 12 |
| Table 14: Interns retained on Course basis  | 13 |
| Table 15: Interns retained on basis of companies                                    | 13 |
| Table 16: Courses of interns not yet placed on Gender basis                         | 15 |

# List of Figures

| Figure 1: Interns recommended by MUST on Gender basis                                   | 3 |
|---|---|
| Figure 2: MUST Students during the 2 Day induction training at UMA                      |   |
| Figure 3: Some of the students placed at Steel & Tube Industries Ltd                    | 4 |
| Figure 4: Monthly Placements on Gender basis  |   |
| Figure 5: Percentage composition of Total interns placed per month                      |   |
| Figure 6: Actual interns that completed training per month                              |   |
| Figure 7: Percentage composition of the Actual interns who completed training per Month |   |
| Figure 8: percentage composition of interns sent on Gender Basis                        |   |
|   |   |

# **Executive Summary**

Uganda Manufacturers Association (UMA) is running an internship program under the Higher Education, Science and Technology project funded by the African Development Bank (AfDB) in partnership with the Government of Uganda (GoU), Ministry of Education Science, Technology and Sports (MoESTS), Africa Development Bank (AfDB), and the eight Benefiting Institutions (BIs).

Institutions (BIs) namely; Kyambogo University (KYU), Busitema University (BU), Makerere University (MUK), Gulu University (GU), Mbarara University of Science and Technology (MUST), Muni University (MU), Uganda Management Institute (UMI) and Makerere University Business School (MUBS). Ninety percent (90%) of the students to be placed in the respective companies should be offering Science and Technology Courses while ten percent 10% should be Arts students. The project is providing skills to interns required by employers in Uganda to enhance their opportunities of employment in the future.

The UMA-HEST project requested for 66 students from MUST in 2015, although the target for MUST was 46. MUST forwarded a list of 43 (22 Female and 21 Male) students for the Internship program from the Science and Technology (S & T) background.

During the period under review (July to December 2015), 39 students attended the UMA-HEST internship induction which was a two-day training program held at UMA. 22 interns (56.41%) of the interns in the database were placed to 14 companies, 18.2% of interns placed were retained (4 interns), and 9 interns (23.08%) got employment in other companies. Of the 39 students who attended the induction training, 8 interns (20.51%) have not yet been placed but the UMA-HEST Project Team is planning to find slots for all of them in different companies before April, 2016.

The UMA-HEST Project also has a projection of placing 82 students in 2016, therefore, MUST is being requested to forward a list of <u>124</u> students to enable us to plan appropriately. This number also includes those interns from the College of Medicine and Pharmacy

#### 1. INTRODUCTION

Mbarara University of Science and Technology had a target of placing 66 students in 2015 but only sent 43 students. Of these, 39 students attended the UMA-HEST Induction program on 18<sup>th</sup> and 19<sup>th</sup> of June 2015 at UMA. 56.4% (22) of the students recommended to UMA-HEST Project, who were placed to different companies in 2015. However, the target was not hit in 2015 and this is attributed to majority of the students who were not ready to work in Kampala because they didn't have relatives around.

The nominated students attended a two-day induction training of the UMA-HEST Project at UMA from 18<sup>th</sup> to 19<sup>th</sup> of June 2105. The main objectives of the training were to build confidence and enhance teamwork among students by improving on their communication and interpersonal skills.

In addition to the above, 50% (11) of the students placed are Female students equaling to the number of Male students placed 50% (11). Actually, 86.3% (8 female and 11male) of the students placed completed their internship successfully and 4 interns (18.1%) of the students were retained. 8 interns (36.3%) of the students sent have not yet been placed, we are confident they will all be placed in 2016.

During the period under review, Bachelor of Computer Science and Information Technology, are the courses from which most of the interns were placed. A total of 14 companies accepted interns to carryout internship, Steel and Tube Industries Ltd and Canopy It Solutions were the leading companies.

The chapters ahead will detail the general information and proceed with placements of interns, course distribution, gender distribution, interns per company, retained interns, challenges and mitigations, interns not yet placed and finally end with skills attained.

#### 1.1 General information about the interns

All the interns that were considered for placement from MUST were required to present nomination letters stamped and signed by the university as a basic requirement for placement.

All students placed were given an offer and introduction letter by the UMA-HEST Team, to introduce them to the different companies. The offer letter constitutes the code of conduct, terms and conditions that bind all students who sign it before starting the internship in different companies.

MUST forwarded a list of 43 students but only 39 students (20 Male and 19 Female) who attended the induction training were inculcated in the UMA-HEST database. Bachelor of Computer Engineering (11), Computer science (12) and information Technology (15), Dip. In Science Laboratory technology (1), are the courses from which the interns were placed to different companies.

A total of 22 interns were placed, 50% male and 50% female students. 18.18% of the interns were retained in different companies for example Steel and Tube Industries Ltd (1), Toyota (U) Ltd (1) and Canopy IT Solutions (2).

Table 1: Total composition of Interns recommended by MUST on Gender basis

| Gender      | INTERNS RECOMMENDED | % COMPOSITION |
|-------------|---------------------|---------------|
| FEMALE      | 19                  | 48.72%        |
| MALE        | 20                  | 51.28%        |
| Grand Total | 39                  | 100.00%       |

INTERNS SENT ON GENDER BASIS

MALE
51%

FEMALE
49%

• FEMALE
• MALE

Figure 1: Interns recommended by MUST on Gender basis

The different courses form which students were recommended by the University were Four (4) and all from the same college that is IT.

Table 2: Total number of interns sent per course

| COURSES                               | INTERNS<br>RECOMMENDED | % COMPOSITION |
|---------------------------------------|------------------------|---------------|
| Bachelor Of Computer Engineering      | 11                     | 28.21%        |
| Bachelor Of Computer Science          | 12                     | 30.77%        |
| Bachelor Of Information Technology    | 15                     | 38.46%        |
| Dip. In Science Laboratory technology | 1                      | 2.56%         |
| Grand Total                           | 39                     | 100.00%       |



Figure 2: MUST Students during the 2 Day induction training at UMA.

#### 1 Placement of Interns

Placement of interns from MUST commenced in July 2015 following their induction training in the previous month. Out of 39 students, 22 students were placed to different companies. The biggest number was placed in July (12). The number of students placed kept on reducing in the subsequent months to 3 in October, 5 in November and 2 in December. One student was not accepted in July, and 2 left the companies before the end of their internship period hence reducing the number to 19 (8 female and 11 male.)

One student doing a Diploma in Science Laboratory Technology was added on the program after getting herself a company to train with. The table below shows the general placement of students in the different months.



Figure 3: Some of the students placed at Steel & Tube Industries Ltd.

Left: Rugamba Blaise (first person left), Nanyanzi Ruth (Second person on the right) and Nabeta Geofrey (Centre with Yellow Gloves) are some of the interns.

| Table 3: General | lр | lacement of interns on | M | [ont] | h | ly | basis |
|------------------|----|------------------------|---|-------|---|----|-------|
|------------------|----|------------------------|---|-------|---|----|-------|

| MONTH       | FEMALE | MALE | Grand Total |
|-------------|--------|------|-------------|
| JULY        | 6      | 6    | 12          |
| OCTOBER     | 1      | 2    | 3           |
| NOVEMBER    | 3      | 2    | 5           |
| DECEMBER    | 1      | 1    | 2           |
| Grand Total | 11     | 11   | 22          |

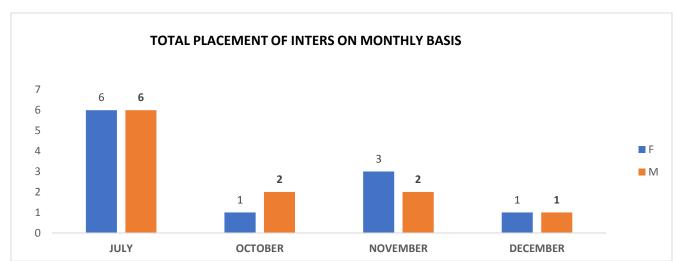
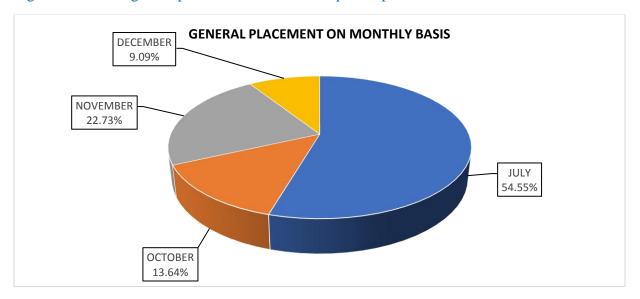


Figure 4: Monthly Placements on Gender basis

Figure 5: Percentage composition of Total interns placed per month



The highest number of interns placed (60%) was recorded in the month of July with 12 interns, it was also noted that students were placed in equal proportions (6 male and 6 female). July was followed by november were 5 interns were placed, October had 2 interns and lastly december were only 1 intern was placed.

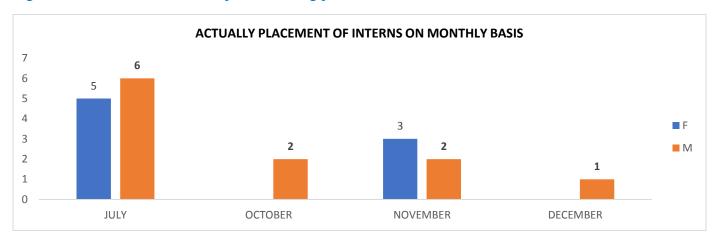
### 1.1 Actual placement

Out of the 22 students placed, 2 Interns Left the company before the end of the training and 1 was not accepted by the company hence reducing the total number of interns placed to 19 (8 Female and 11 Male). The table below shows the actual number of interns in the different months.

Table 4: Total number of actual interns who completed the training placed per month

| MONTH       | FEMALE | MALE | Grand Total |
|-------------|--------|------|-------------|
| JULY        | 5      | 6    | 11          |
| OCTOBER     |        | 2    | 2           |
| NOVEMBER    | 3      | 2    | 5           |
| DECEMBER    |        | 1    | 1           |
| Grand Total | 8      | 11   | 19          |

Figure 6: Actual interns that completed training per month



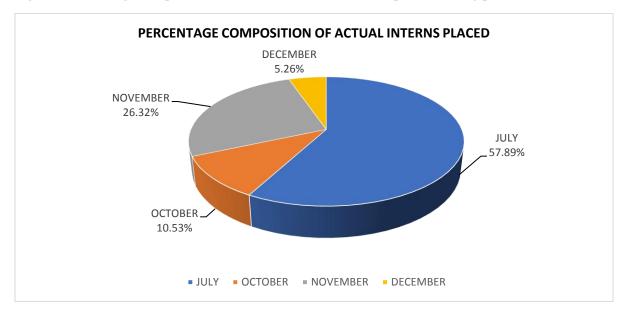


Figure 7: Percentage composition of the Actual interns who completed training per Month

For the actual interns; as illustrated above, most of the interns placed in the different companies actually completed their training with those companies for the stipulated period of time. 19 interns (85.23%) of the total interns placed actually completed their internship training.

#### 2 Course distribution of Interns

Companies offered students training opportunities from 4 courses namely; Bachelor of Computer Science, Computer Engineering, Information Technology and Diploma in Laboratory Technology.

Bachelor of Information Technology (15) had the biggest number of placements followed by Computer Science (12). The distribution of Interns per month are shown in Table 5 below.

Table 5: Course Distribution of Interns Recommended by MUST

| COURSES                               | INTERNS RECOMMENDED | % COMPOSITION |
|---------------------------------------|---------------------|---------------|
| Bachelor Of Computer Engineering      | 11                  | 28.21%        |
| Bachelor Of Computer Science          | 12                  | 30.77%        |
| Bachelor Of Information Technology    | 15                  | 38.46%        |
| Dip. In Science Laboratory technology | 1                   | 2.56%         |
| Grand Total                           | 39                  | 100.00%       |

#### 2.1 Total Placement per course

Total of 22 students who offered different courses were placed to different companies. Majority of the students placed offered Bachelor of Information Technology (9), Computer Engineering (6), Computer science (6) and Dip.in science laboratory technology (1).

Table 6: Internship placement per course

| COURSES                               | INTERNS PLACED | % COMPOSITION |
|---------------------------------------|----------------|---------------|
| Bachelor Of Computer Engineering      | 6              | 27.27%        |
| Bachelor Of Computer Science          | 6              | 27.27%        |
| Bachelor Of Information Technology    | 9              | 40.91%        |
| Dip. In Science Laboratory technology | 1              | 4.55%         |
| Grand Total                           | 22             | 100.00%       |

#### 2.2 Actual per course

Out of the 22 students placed, 19 were able to complete their internship and majority had offered Information Technology (9). The table below displays the results for other courses from which interns completed their internship. Overall, 47.37% of the actual students were doing bachelor of information technology, 26.32% Computer Engineering and 26.32% Computer science. Bachelor of information technology had the largest number of interns who completed successfully and this is attributed to the positive attitude they conveyed while at the company premises.

Table 7: Actual Internship placement per course

| COURSES                            | INTERNS PLACED | % COMPOSITION |
|------------------------------------|----------------|---------------|
| Bachelor Of Computer Engineering   | 5              | 26.32%        |
| Bachelor Of Computer Science       | 5              | 26.32%        |
| Bachelor Of Information Technology | 9              | 47.37%        |
| Grand Total                        | 19             | 100.00%       |

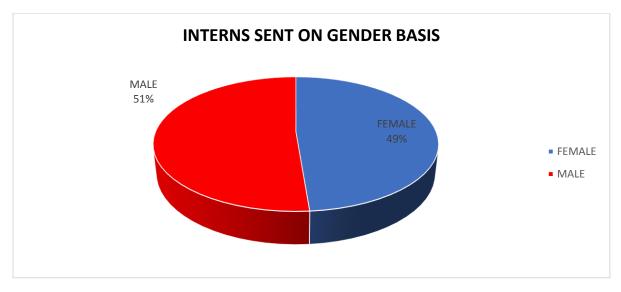
## 3 Gender Distribution

MUST recommended a total of 39 interns with 19 Female interns and 20 Male interns.

Table 8: Gender composition of interns recommended

| Gender      | INTERNS RECOMMENDED | % COMPOSITION |
|-------------|---------------------|---------------|
| FEMALE      | 19                  | 48.72%        |
| MALE        | 20                  | 51.28%        |
| Grand Total | 39                  | 100.00%       |

Figure 8: percentage composition of interns sent on Gender Basis



#### 3.1 Gender per course

Out of the 39 recommended interns, 22 had been placed as of 30<sup>th</sup> December. The highest number of female interns recommended by MUST offered Bachelor of Computer Science (7) and Bachelor of Information Technology (7) well as the highest number of Male interns offered Bachelor of information Technology (8) followed by Bachelor of Computer Engineering (7). There were no Male interns recommended from the Dip. In Science Lab and Technology.

Table 9: Gender composition per course of interns recommended

| COURSES                      | FEMALE | % COMPOSITION | MALE | % COMPOSITION | Grand<br>Total |
|------------------------------|--------|---------------|------|---------------|----------------|
| Bachelor Of Computer         |        |               |      |               |                |
| Engineering                  | 4      | 36.36%        | 7    | 63.64%        | 11             |
| Bachelor Of Computer Science | 7      | 58.33%        | 5    | 41.67%        | 12             |
| Bachelor Of Information      |        |               |      |               |                |
| Technology                   | 7      | 46.67%        | 8    | 53.33%        | 15             |
| Dip. In Science Laboratory   |        |               |      |               |                |
| technology                   | 1      | 100.00%       |      | 0.00%         | 1              |
| Grand Total                  | 19     |               | 20   |               | 39             |

#### 3.2 Gender per month

Generally, students were steadily distributed to different companies in the different months. 12 students in July (6 female and 6 male), 3 in October (2 male and a female), 5 in November (2 Male and 3 female) and lastly in 2 in December (a female and a male student).

There was an equal Gender Distribution of Students in regards to placement in July and December, however in the other months, male students dominate female in October (2 male and a female); in November female dominated male (3 female and 2 male)

Table 10: Gender Composition of interns placed on monthly basis

| MONTH       | F  | M  | Grand Total |
|-------------|----|----|-------------|
| JULY        | 6  | 6  | 12          |
| OCTOBER     | 1  | 2  | 3           |
| NOVEMBER    | 3  | 2  | 5           |
| DECEMBER    | 1  | 1  | 2           |
| Grand Total | 11 | 11 | 22          |

# 4 Interns per Company

14 companies and organizations accepted interns to train and get equipped with practical skills that have made them more productive in this very competitive job market. Steel and Tube Industries Ltd (5), National Water and Sewerage Corporation-NWSC(2) are some of the companies that accepted larger numbers of interns to train with them. Most of the interns were able to meet the expectations of their supervisors in the respective companies. The distribution of interns taken per company is shown in Table 11 below;

Table 11. Interns taken per company on Gender basis

| COMPANY                       | FEMALE | MALE | Grand Total |
|-------------------------------|--------|------|-------------|
| Canopy IT Solutions           |        | 2    | 2           |
| Easy Systems                  | 2      |      | 2           |
| Intelligent Solutions Ltd     | 1      |      | 1           |
| Kajjansi Brick&Tile Works Ltd |        | 1    | 1           |
| Mafarin Energy Co. Ltd        | 1      |      | 1           |
| Mega Tech School of Computing |        | 1    | 1           |
| Megga Computers Kabale        | 1      |      | 1           |
| MTN                           |        | 1    | 1           |
| MUST IITR                     |        | 1    | 1           |
| NWSC                          | 1      | 1    | 2           |
| RECO Industries               | 1      |      | 1           |
| SESACO                        | 1      |      | 1           |
| Steel &Tube Industries Ltd    | 1      | 4    | 5           |
| Toyota (U) Ltd                | 2      |      | 2           |
| Grand Total                   | 11     | 11   | 22          |

#### 5 Interns Retained

#### 5.1 Internship status after completion of the HEST Internship

The interns who were placed in July finished the three months internship training period in the respective companies. 4 interns (18.18%) of the interns placed were able to meet the employer's expectations and were retained and others (3) given an extension after their internship period. The internship training imparted skills and exposed students to different opportunities and 5 students had started working before being placed in different companies.

Table 12: Interns retained on gender basis

|                  | FEMALE | MALE   | Grand Total |
|------------------|--------|--------|-------------|
| INTERNS RETAINED | 2      | 2      | 4           |
| % COMPOSITION    | 50.00% | 50.00% | 100.00%     |

#### 5.2 Interns Retained per month

On monthly basis, Interns were only retained in 2 of the 4 months and most of the Interns were retained in July (2 Male) and October (2 Female).

Table 13: Interns retained on Monthly Basis

| MONTHS      | FEMALE | MALE | Grand Total |
|-------------|--------|------|-------------|
| JULY        | 2      |      | 2           |
| OCTOBER     |        | 2    | 2           |
| Grand Total | 2      | 2    | 4           |

#### 5.3 Interns Retained per course

On basis of the courses, Interns from the following courses were retained.

Majority of the Interns retained were from Computer Science (2- 1 female and 1 male). The other 2 interns who were retained offered a degree in Bachelor of Information Technology and Computer Science each respectively.

Table 14: Interns retained on Course basis

| COURSES                            | FEMALE | MALE | Grand Total |
|------------------------------------|--------|------|-------------|
| Bachelor Of Computer Engineering   |        | 1    | 1           |
| Bachelor Of Computer Science       | 1      | 1    | 2           |
| Bachelor Of Information Technology | 1      |      | 1           |
| Grand Total                        | 2      | 2    | 4           |

## 5.4 Interns Retained per company

On basis of the companies, Interns from only three (3) companies were retained.

Majority of the Interns retained had their training in Canopy IT Solutions and all of them were Male.

Table 15: Interns retained on basis of companies

| COURSES                    | FEMALE | MALE | Grand Total |
|----------------------------|--------|------|-------------|
| Canopy IT Solutions        |        | 2    | 2           |
| Steel &Tube Industries Ltd | 1      |      | 1           |
| Toyota (U) Ltd             | 1      |      | 1           |
| Grand Total                | 2      | 2    | 4           |

#### **Reasons for retention of the Interns;**

- The Interns exhibited excellent working skills at the different work places.
- The Interns engaged in finding solutions to problems at the work place.
- Time management, excellent communication and practical skills enabled interns to be retained.

# 6 Challenges and Mitigations

|    | CHALLENGE   | MITIGATION  |
|----|---|---|
| 1. | Interns not Honoring the agreement;               | The UMA-HEST team has tried to solve this by              |
|    | Some students accepted to go and train with a     | providing all the necessary information about the         |
|    | particular company but on reaching there (at the  | company to the interns before they are sent to the field  |
|    | company), they refused to train giving reasons of | to train and to lower expectations to suit the reality on |
|    | poor working conditions and the distance from     | the ground.   |
|    | Home.   |   |
| 2. | Wrong personal information;                       | The UMA-HEST Team has invented better data                |
|    | Some students provided wrong account details.     | collection tools that will capture this information more  |
|    | This delayed their stipends as they bounced       | than once to avoid any errors. These include using both   |
|    | several times from these accounts and also        | the computer (excel) plus written copies on paper in      |
|    | reduced the amount they were supposed to get      | addition to calling them to verify before the money is    |
|    | which left them complaining.                      | sent.   |
| 3. | Poor intern-employer communication;               | The project team endeavors to make courtesy calls to      |
|    | Failure of students to communicate when they      | both the interns and their supervisors after they have    |
|    | leave a company where they have been              | started their training to find out how the interns are    |
|    | placed. This leaves the employers displeased and  | progressing.  |
|    | hesitant to take in more of our interns.          | Company visits are also made to meet and interact         |
|    |   | directly with both the supervisors and the interns.       |
| 4. | Delay to hand in reports;                         | The HEST team starts reminding the students               |
|    | Some students take long to send their monthly     | immediately after they have started their internship to   |
|    | reports. This makes it hard for the Placement     | send their reports and monthly targets.                   |
|    | Officer to process their monthly stipends in time |   |
|    | since the interns are paid after sending reports. |   |
|    |   |   |
|    |   |   |

## 7 Interns Not Yet Placed as of 31st December 2015

8 interns (20.51%) of the students in the database (39) have not been placed but the UMA-HEST Project is hopeful that they will all be placed to different companies in 2016; a total of 4 male and 4 female students mainly offering Bachelor of Computer Engineering and Information Technology. The number of interns not yet placed is attributed to limited knowledge of expertise among students (according to employers).

Table 16: Courses of interns not yet placed on Gender basis

| COURSES                            | FEMALE | MALE | Grand Total |
|------------------------------------|--------|------|-------------|
| Bachelor Of Computer Engineering   |        | 2    | 2           |
| Bachelor Of Computer Science       | 3      | 1    | 4           |
| Bachelor Of Information Technology | 1      | 1    | 2           |
| Grand Total                        | 4      | 4    | 8           |

## 8 Skills Attained

Students attained various skills during the internship, some of these were soft skills and others were professional skills.

The professional skills include;

- i. Networking skills
- ii. Web design skills
- iii. Occupational Health & Safety
- iv. Equipment handling skills
- v. Report writing skills

#### The soft skills include;

- i. Interpersonal & attitude change skills
- ii. Time management skills
- iii. Communication skills
- iv. Team work skills
- v. Entrepreneurship

- vi. Grievance handling skills
- vii. Personal Development

It should be noted that the interns gained a lot of experience in their different fields and some can be able to set up their own companies, given the funding.

## 9 Way forward

Given the current performance of the UMA-HEST project with respect to Mbarara University of Science and Technology, the HEST project will be targeting to place 82 students from MUST in 2016. The UMA-HEST team is therefore requesting for 124 students who will train for a period of three (3) months.

#### 10 Conclusion

In conclusion, placement of Interns in the first year of the HEST Project was greatly achieved (22 Interns) which constitutes 56.41 percent of the total interns recommended, and 5 interns (12.8 %) got employment before placement. Many Interns have acquired knowledge and practical skills in their fields of study where some have been retained (4), others are still training in companies where they were placed which has greatly benefited them and is in line with the major goal of the project.

Higher Education being the heart of Education as well as the core of National and Development Systems, the UMA-HEST Project team would like to thank the Government of Uganda (GOU), Funders (AfDB), University Coordinators, Employers, Interns and other stakeholders at large who have played a tremendous role in the implementation of the HEST Project. We therefore look forward to placing 82 Interns from MUST in the second year of the Project (2016). But request the University to recommend 124 interns for Placement. We are looking forward to your priceless cooperation in the next period of the Project

# **ANNEX**

#### LISTS OF INTERNS PLACED BETWEEN THE PERIOD JULY TO DECEMBER 2015

#### **JULY**

| No | SURNAME       | FIRST<br>NAME    | G(M/F) | COURSE                                | TEL.NO                            | COMPANY                          | COMMENT         |
|----|---------------|------------------|--------|---------------------------------------|-----------------------------------|----------------------------------|-----------------|
| 1  | Agong         | Norman<br>Angel  | MALE   | Bachelor Of Information Technology    | 0777-007517                       | Steel &Tube<br>Industries Ltd    | Not<br>Retained |
| 2  | Ahurira       | Faith<br>Dorothy | FEMALE | Bachelor Of Computer<br>Science       | 0703-230921                       | Intelligent<br>Solutions Ltd     | Left Work B     |
| 3  | Akol          | Irene            | FEMALE | Bachelor Of Computer<br>Science       | 0775-334976<br>Or 0705-<br>334976 | Mafarin Energy Co.<br>Ltd        | Not<br>Retained |
| 4  | Baluku        | Benon            | MALE   | Bachelor Of Computer<br>Science       | 0703-782449                       | Kajjansi Brick&Tile<br>Works Ltd | Not<br>Retained |
| 5  | Nabaasa       | Allon            | MALE   | Bachelor Of<br>Information Technology | 0706-197800                       | NWSC                             | Not<br>Retained |
| 6  | Nabeeta       | Geofrey          | MALE   | Bachelor Of<br>Information Technology | 0775-606190                       | Steel &Tube<br>Industries Ltd    | Not<br>Retained |
| 7  | Nampewo       | Sumayia          | FEMALE | Bachelor Of Information Technology    | 0706-213462                       | NWSC                             | Not<br>Retained |
| 8  | Nanyanzi      | Ruth             | FEMALE | Bachelor Of<br>Information Technology | 0785-966577                       | Steel &Tube<br>Industries Ltd    | Retained        |
| 9  | Nyakato       | Prossy           | FEMALE | Bachelor Of Computer<br>Science       |                                   | Toyota (U) Ltd                   | Retained        |
| 10 | Rugamba       | Blaise           | MALE   | Bachelor Of<br>Information Technology | 0775-<br>609667/0706-<br>858183   | Steel &Tube<br>Industries Ltd    | Not<br>Retained |
| 11 | Twinamat siko | Milliam          | FEMALE | Bachelor Of<br>Information Technology | 0702-824901                       | Toyota (U) Ltd                   | Not<br>Retained |
| 12 | Walulya       | Robert           | MALE   | Bachelor Of<br>Information Technology | 0785-953307                       | Steel &Tube<br>Industries Ltd    | Not<br>Retained |

#### **OCTOBER**

| N<br>o | SURNAM<br>E    | FIRST<br>NAME | G(M/<br>F) | COURSE                                | TEL.NO                      | COMPANY                | COMMEN<br>T    |
|--------|----------------|---------------|------------|---------------------------------------|-----------------------------|------------------------|----------------|
| 1      | Akatuku<br>nda | Agnes         | FEMA<br>LE | Dip. In Science Laboratory technology | 0774-849153/0701-<br>628442 | RECO<br>Industries     | Left<br>Work B |
| 2      | Muhwezi        | Joshua        | MALE       | Bachelor Of Computer<br>Science       | 0702-495102/0786-<br>226774 | Canopy IT<br>Solutions | Retained       |
| 3      | Nuwagir<br>a   | Alexande<br>r | MALE       | Bachelor Of Computer Engineering      | 0704-713334/0789-<br>367436 | Canopy IT<br>Solutions | Retained       |

#### **NOVEMBER**

| N<br>o | SURNAME       | FIRST<br>NAME | G(M/F<br>) | COURSE                              | TEL.NO                      | COMPANY                   | COMMENT         |
|--------|---------------|---------------|------------|-------------------------------------|-----------------------------|---------------------------|-----------------|
| 1      | Adia          | Mariam        | FEMA<br>LE | Bachelor Of Information Technology  | 0789-474147/0758-<br>075239 | Easy Systems              | Not<br>Retained |
| 2      | Ampeire       | Dorah         | FEMA<br>LE | Bachelor Of Computer<br>Engineering | 0705-594674                 | Megga Computers<br>Kabale | Extension       |
| 3      | Arinaitw<br>e | Racheal       | FEMA<br>LE | Bachelor Of Computer<br>Engineering | 0789-410402/0704-<br>295708 | Easy Systems              | Not<br>Retained |

| 4 | Atuhaire       | Felix | MALE | Bachelor Of Computer<br>Engineering | 0702-022802                 | MUST IITR | Extension       |
|---|----------------|-------|------|-------------------------------------|-----------------------------|-----------|-----------------|
| 5 | Manishi<br>mwe | Alban | MALE | Bachelor Of Computer<br>Engineering | 0705-866391/0788-<br>500504 | MTN       | Not<br>Retained |

#### **DECEMBER**

| N<br>o | SURNAME | FIRST<br>NAME | G(M/F) | COURSE                              | TEL.NO                      | COMPANY                       | COMMENT     |
|--------|---------|---------------|--------|-------------------------------------|-----------------------------|-------------------------------|-------------|
| 1      | Afeku   | Bosco         | MALE   | Bachelor Of Computer<br>Science     | 0775-479819                 | Mega Tech School of Computing | Extension   |
| 2      | Kiconco | Afusa         | FEMALE | Bachelor Of Computer<br>Engineering | 0702-053470/0779-<br>415796 | SESACO                        | Left Work B |

#### LIST OF INTERNS NOT YET PLACED BETWEEN THE PERIOD JULY TO DECEMBER 2015

| No | SURNAME            | FIRST NAME    | G(M/F)     | COURSE                                | TEL.NO                      | COMMENT  |
|----|--------------------|---------------|------------|---------------------------------------|-----------------------------|----------|
| 1  | Beinomugisha       | Darius        | MALE       | Bachelor Of Computer Science          | 0788-526454/0704-<br>624641 | Training |
| 2  | Kigenyi<br>Nkwanga | Ibrahim       | MALE       | Bachelor Of Computer Engineering      | 0783-273800/0753-<br>499125 | Training |
| 3  | Musenero           | Hellen        | FEMAL<br>E | Bachelor Of Computer Science          | 0785-193868/0703-<br>970838 | Training |
| 4  | Nabbumba<br>Maria  | Gorret        | FEMAL<br>E | Bachelor Of Computer Science          | 0704-924087/0773-<br>945115 | Training |
| 5  | Nabimanya          | Constanc<br>e | FEMAL<br>E | Bachelor Of Information<br>Technology | 0704-094579                 | Training |
| 6  | Nalwoga            | Racheal       | FEMAL<br>E | Bachelor Of Computer Science          | 0752-011184/0783-<br>920334 | Training |
| 7  | Sande              | Emmanue<br>l  | MALE       | Bachelor Of Information<br>Technology | 0704-89714                  | Training |
| 8  | Ssemitego          | James         | MALE       | Bachelor Of Computer Engineering      | 0704-398585                 | Training |

# LIST OF INTERNS WHO WERE NOT PLACED SINCE THEY WERE ALREADY WORKING BETWEEN THE PERIOD JULY TO DECEMBER 2015

| No | SURNAME         | FIRST NAME | G(M/F) | COURSE                             | TEL.NO                  | COMMENT  |
|----|-----------------|------------|--------|------------------------------------|-------------------------|----------|
| 1  | Beinomugisha    | Darius     | MALE   | Bachelor Of Computer Science       | 0788-526454/0704-624641 | Training |
| 2  | Kigenyi Nkwanga | Ibrahim    | MALE   | Bachelor Of Computer Engineering   | 0783-273800/0753-499125 | Training |
| 3  | Musenero        | Hellen     | FEMALE | Bachelor Of Computer Science       | 0785-193868/0703-970838 | Training |
| 4  | Nabbumba Maria  | Gorret     | FEMALE | Bachelor Of Computer Science       | 0704-924087/0773-945115 | Training |
| 5  | Nabimanya       | Constance  | FEMALE | Bachelor Of Information Technology | 0704-094579             | Training |
| 6  | Nalwoga         | Racheal    | FEMALE | Bachelor Of Computer Science       | 0752-011184/0783-920334 | Training |
| 7  | Sande           | Emmanuel   | MALE   | Bachelor Of Information Technology | 0704-89714              | Training |
| 8  | Ssemitego       | James      | MALE   | Bachelor Of Computer Engineering   | 0704-398585             | Training |







| )rganiza | 3       |              |            |                |
|----------|---------|--------------|------------|----------------|
| )epartm  | ent     |              |            |                |
| Jnit:    |         |              |            |                |
| upervis  | or.     | Contac       | ts:        |                |
| Date:    | Targets | Achievements | Challenges | Lessons Learnt |
| Week     |         |              |            |                |
| 1        |         |              |            |                |
| Week     |         |              |            |                |
| 2        |         |              |            |                |
| Week     | 1 1     |              |            |                |
| 3        | 100     |              |            |                |
| Week     |         |              |            |                |
| 4        | 100     |              |            |                |



# UGANDA MANUFACTURERS ASSOCIATION

Lugogo Show Grounds, P. O. Box 6966 Kampala, Tel: +256 414 221 034, +256 414 287 615, +256 312 278 823 Fax: +256 414 220 285 E-mail administration@uma.or.ug Website: www.uma.or.ug

| Our Ref:                        |             |             |       |             |  |
|---------------------------------|-------------|-------------|-------|-------------|--|
| our Ref:                        |             |             |       |             |  |
|                                 |             |             |       | ··········· |  |
| Dear                            | ,           |             |       |             |  |
| RE: OFFER TO PARTICIPATE IN UMA | - HEST INTE | ERNSHIP PRO | OJECT |             |  |

We are delighted to inform you in writing that you have been given an offer to participate in the UMA-HEST Internship Project. Having been selected by your institution to benefit from the Project and having attended a two days training at UMA, you shall be posted to \_\_\_\_\_\_\_\_\_ as your host company. Your internship will run from \_\_\_\_\_\_\_until \_\_\_\_\_\_\_ provided that the terms and conditions for your placement are fulfilled as follows:

#### Your Obligations:

- 1. You will uphold the Intern Code of Conduct, out-lined herein.
  - a) Adhere to the rules and regulations of the company where you are placed. This includes all health and safety regulations.
  - b) Undertake and complete three months internship placement with the company.
  - Act professionally at all times, upholding the good name and integrity of the UMA
     HEST Internship Project and the company where you are placed.
  - d) Maintain in confidence any information learnt about the activities and/or operations of the company and UMA –HEST Project during your placement.
  - Not, except as permitted by your Workplace Supervisor, carry out or be engaged in private business or practice that negatively affects your internship duties.

#### 2. Hours of Work:

You will conform to the hours of work as stipulated by the company where you are placed i.e. 8:00am – 4:30pm with one hour for lunch. You may, from time to time, be required to work reasonable additional hours for which time off in lieu can be taken if approved by your Workplace Supervisor. You will be required to always sign the daily attendance register i.e. time of arrival and time of departure.

#### 3. Stipend:

UMA – HEST Project will pay you a total stipend amounting to UGX 700,000/= net (seven hundred thousand shillings only). The Project will only deposit stipends to your Bank Account upon receiving at least 4 (four) weekly, quality, timely targets per month. Reports should be *approved and signed* by your Work Place Based Supervisor.

UMA Regional Office: JINJA: 47/49 Main Street, Jinja. E-mail: umaregionaloffice@gmail.com

The installments shall be as follows:

| Date             |               | Item                             | Amount    |
|------------------|---------------|----------------------------------|-----------|
| 1st              | February 2016 | Insurance premium to be deducted | 36,000/=  |
| 30 <sup>th</sup> | February 2016 | 1 st Financial Disbursement      | 180,000/= |
| 30th             | March 2016    | 2 nd Financial Disbursement      | 170,000/= |
| 30 <sup>th</sup> | April 2016    | 3rd Financial Disbursement       | 160,000/= |
| 30th             | May 2016      | 4th Financial Disbursement       | 154,000/= |
|                  |               | Total                            | 700,000/= |

Payment of any installment of the stipend will depend on the recommendation of your Workplace Supervisor, OR any other officer assigned that duty by the Host Company and approval by the UMA Internship Placement Officer or any other accredited official.

#### 4. Reporting:

You will be reporting to the Workplace Supervisor who will be identified by the company. You will be required to provide quality and timely reports as per instructions of the reporting template found on the UMA Portal *hest.uma.or.ug* 

#### 5. Supervision:

The role of the Workplace Supervisor will be to provide ongoing feedback and leading performance reviews. He /she will work in the same department/section with you or be otherwise closely connected to your activities, as well as overseeing your day-to-day tasks. The feedback will be shared with all the stake holders of the UMA – HEST Project.

#### 6. Insurance:

Since Insurance was not catered for in the approved budget UMA-HEST Project has identified an insurance service provider after consulting the funders. Signing this offer letter will give UMA-HEST Project lieu way to incorporate you in the insurance policy which will be provided to you outlining your coverage.

Please note that this offer does not constitute a contract of employment with UMA – HEST Project but is an offer to participate in our Internship Project. UMA - HEST Project will not provide any benefits or entitlements other than those outlined in this offer.

Yours sincerely,

**Uganda Manufacturers Association** 

Cc: Employer (Host Company)



# Zerubabeeli Naturinda HEST NO: IP 15 PUS 102 11 476 UNIVERSITY OF USITE OF University

UNIVERSITY Busitema University
COMPANY: Nije plywoods(U) Ltd
Email Address: zeruba800@gmail.com
Supervisor Name: Barekye Boaz



| Week  | Target   | Achievements   | Challenges   | Lessons Learnt   |
|-------|--|--|--|--|
| Week1 | Identify the compartments that need weeding     Train casual laborers on proper weeding style     Allocate work to the casual laborers     Supervise the workers during time of work     | Supervised spot weeding activity in the selected compartments. Clean weeded 10 Hapine crop area Established good rapport with casual workers   | Use of the rudimentary tools to do the activities is still dominating Delay of payments to the casual workers thus working without motivation Quitting by some workers | Recognized that before doing something planning is key     Every human being should stand by his principles     With team work you can achieve more                                |
| Week2 | Establish fire lines between the compartments     Clear weed the bushy fire breaks     Supervise the removal of dry vegetation from the plantations     Continuous monitoring to control | Ensured continued patrolling of the pine plantations to stop fire outbreaks     Completed spot weeding in some compartments that was started in week one     Fire control patrol teams have been | Failure to continuous monitoring of the forests poses a fire threat     Limited number of patrol men to ensure complete avoidance of fires                             | Effective time management     Doing the first things first     Quick decision making     Consultation is key during implementation of work     Understanding that different people |

|       | fire outbreaks with patrol men.  | instituted • Fire breaks well established • Worked closely with   | - 116   | behave differently and<br>so looking for better<br>ways to handle people  |
|-------|--|---|---|---|
|       |  | the patrol men and<br>forest supervisor   |   |   |
| Week3 | Identify the compartment areas that need first maintenance/slashing Allocate casual laborers to the different compartments Do collective supervision of the workers Identify the places that need beating up in the young pine crop plantation       | Some parts of the plantation were cleared of the weeds/bush     The areas that need beating up awaiting the rainy season were clearly identified  | <ul> <li>Being a dry season beating up is yet to be done resulting into unevenness in the crop growth</li> <li>Some areas are to bush to believe there is a crop.</li> <li>Lack of enough casual laborers to quicken the plantations maintenance activities.</li> </ul> | Learnt to work under minimum supervision     Embraced the role of "team" work     Learnt to stay in remote areas  |
| Week4 | Hold meetings with cattle keepers group to control illegal grazing in the plantations     Train the pastoralists on collaborative management of the plantation     Establish the "watch" committee among the pastoralists to control illegal grazing | Held successively the meetings to strengthen the collaboration of cattle keepers groups with Nile Ply     Reduced animal grazing in the young pine crop     Reduced conflict between the pastoralists and Nile Ply plantation management     The "watch" committee was established. | Some pastoralists have continued to graze in the young pine plantations Some pastoralists have not yet embraced the benefits in collaborative management Lack of continuous monitoring to completely stop illegal grazing of cattle in the pine plantations             | Coordination is key Information follow is vital for any success to be registered in the company Some people commit some crime due to lact of common understanding Rapport building is key for any success that involves communities |



# HEST INTERNSHIP LOG BOOK



| Student Name: | FELIX ATUHAIRE               |                     |                 |  |  |  |
|---------------|------------------------------|---------------------|-----------------|--|--|--|
| HEST No:      | IP15MUST/021N5               | University Ne:      | 2011/BCE/011/Ps |  |  |  |
| Organization: | MBARAR UNIVERSITY OF SCIENCE | AND TECHNOLOGY      |                 |  |  |  |
| Unit:         | NETWORK MANTENANCE AND SE    | RVICES IN IITR-MUST | in.             |  |  |  |
| Department:   | MBARARA COMPUTING SERVICES   | UNIT                |                 |  |  |  |
| Supervisor:   | Mr. BARYASHABA AMOS          | Contact: +25670619  | 7961            |  |  |  |

| Date:  | Targett   | Achievements   | Challenger  | Lemour Learns  |
|--------|---|--|---|--|
| Week 1 | Printing of the conference materials including:  Posters Banners Book of abstract Name tags Document pockets Certificates   | Successfully drefted<br>and printed<br>Conference<br>materials using<br>both Microsoft<br>office package and<br>adobe collection<br>package. | Extra effort was needed to master both environments for quality work.   | i managed to print the conference materials and delivered them in time.  |
| Week 2 | Drafted Letters of internship for the students in the institute.  Part of the team that organized the conference of over 200 perticipants at Kihumuro - MUST camous | Managed to give all students their letters. Successfully, organized the conference.  | On the conference day,<br>Power chucked but we<br>had to hire a generator.  | How the different offices interrelate and work together.  How to organize for a big number of people   |
| Week 3 | Configuring and installing of Printers.  Operating system and software applications installing in the staff's computers.  | Managed to configured and install all the printers.  Operating system and software applications were installed.                              | Some softwares were<br>not supported on some<br>computers.  At time the USB cable for<br>printers a loose which<br>calls for buying another<br>cable. | The hands on skills were enhanced through these activities and I can now say that I know how to do it myself.  The whole process needs someone to be patience because you are working with machines. |

Email document to hestreport@uma.or.ug

# HEST INTERNSHIP LOG BOOK

| Week 4 | Maintenance and  | Made sure that all  | When you are working  | Learnt how to work on   |
|--------|--|---|---|---|
|        | network support of the computer Lab.                               | computers in the<br>lab are connected<br>to the internet to | on a new device, you<br>need to first get its user<br>manual for the best | different devices from computers to printers.                         |
|        | Creating accounts for<br>students on computers<br>provided by UCC. | enable students<br>enhance their<br>research.               | results.  | How to monitor the<br>network and how<br>network switches<br>operate. |
|        |  | Accounts were<br>created and now                            |   | How the university  |
|        |  | students can access the computers.                          |   | systems work especially<br>in the non-teaching<br>session.            |

Supervisor's comments:

Dedicated, focused and a good time keeper in accomplishment of activities within the institute.

Signature:

Amos Baryashaba