



THE TECHNICAL UNIVERSITY OF KENYA



2013/2014 ANNUAL REPORT

TECHNICAL UNIVERSITY OF KENYA



FOREWORD



This Annual Report is the first since The Technical University of Kenya was chartered to become a fully-fledged university vide the Legal Notice No. 59 of 15th January 2013 under the Universities Act (Cap210). It was established through the elevation of The Kenya Polytechnic University College (KPUC) to full university status. TU-K was established as the first Technical University in Kenya in line with the provisions of the proposed Universities Act, 2012. The university's mandate was to offer higher education and research in technology. The technical university, as a concept, was being promoted in Kenya with the objective of becoming a technological force behind the Vision 2030 drive and the general economic development of the nation. This came about from the realisation that most countries that have been able to make major technological breakthroughs were heavily propelled through their technological universities.

During the period under review, which was basically a transitional era, TU-K recorded tremendous growth in terms of student numbers. The university was also able to attract highly qualified teaching and administrative staff. During the same period, a number of policy documents were developed and adopted by the University Council. In December 2013, the university held its first graduation ceremony since being chartered where graduands were awarded degrees, diplomas and certificates.

The Technical University of Kenya has been established as the first technical university in the country as envisaged in the new laws governing higher education and in line with Vision 2030. The Government and other stakeholders expect that this university will provide the necessary human capital with world-class technical skills to address the development challenges of the nation. The institution is also required to mentor other technical institutions and develop benchmarks that would establish international quality standards for technical education in Kenya. These are not enviable responsibilities for an institution that has just joined the league of universities and is now expected to operate in the competitive and elitist environment of international universities of technology. During the period under review, as we are going to demonstrate, TU-K made giant strides and surmounted the challenges brought about by the transition from a university college to a fully-fledged university.

Prof. Dr.-Ing. Francis W.O. Aduol
VICE-CHANCELLOR

VISION

To be a top rated university of technology

MISSION

To provide technological education and training and to contribute towards the advancement of society through research and innovation

PRINCIPAL ACTIVITY

The core business of the Technical University of Kenya is to offer Technical and Vocational Education and Training (TVET) at both the Polytechnic and university levels.

KEY MANAGEMENT

The university's day-to-day management is under the following key organs

- The Vice-Chancellor
- Deputy Vice-Chancellor
- Deputy Vice-Chancellor
- Deputy Vice-Chancellor
- Executive Dean
- Executive Dean
- Executive Dean
- Academic, Research and Students (ARS)
- Administration, Planning and Infrastructure (API)
- Technology Innovation & Partnerships (TIP)
- Faculty of Applied Sciences & Technology (FAST)
- Faculty of Engineering Sciences & Technology (FEST)
- Faculty of Social Sciences & Technology (FSST)

FIDUCIARY OVERSIGHT ARRANGEMENTS

- University Council
- The University Senate
- University Management Board (UMB)
- Human Resource Committee of Council
- Audit Committee of Council

THE UNIVERSITY COUNCIL

- Prof. George Eshiwani
- Eng. Mercy Muthoni Wambugu
- Ms. Isabella Ochola-Wilson
- Mr Francis Mwaka
- Dr Philip Toroitich Parklea
- Eng. Murunga Protas Ashiro
- Mrs Margret W. Muiruri
- Mr Benard Malenya
- Chairman
- Member
- Member
- Member
- Member
- Member
- Member/Rep. National Treasury
- Member/Rep. Ministry of Education

MANAGEMENT TEAM

THE VICE-CHANCELLOR



Prof. Francis W. O. Aduol
BSc Eng (Nairobi), MSc (Nairobi),
MA (Econ), Dr-Ing (Stuttgart), MISK, Lic Surv.

DEPUTY VICE-CHANCELLOR – ACADEMICS, RESEARCH AND STUDENTS



Prof. Paul M. Shiundu
BSc (Nairobi), PhD (British Columbia)

DEPUTY VICE-CHANCELLOR – TECHNOLOGY, INNOVATION AND PARTNERSHIPS



Prof. Suki K. K. Mwendwa
BA (Nairobi), MA (Cornell),
PhD (UC Berkeley)

DEPUTY VICE-CHANCELLOR ADMINISTRATION, PLANNING AND INFRASTRUCTURE.



Prof. J. Kiplang'at
BSc. (Moi), MPhil (Moi),
PhD (University of Zululand)

EXECUTIVE DEAN, FACULTY OF APPLIED SCIENCES AND TECHNOLOGY (FAST)



Prof. Michael L. Muia
BSc (Nairobi), MSc (Nairobi),
PhD (Antwerp)

EXECUTIVE DEAN, FACULTY OF ENGINEERING SCIENCES & TECHNOLOGY (FEST)



Prof. Alex M. Muumbo
B-Tech (Moi), MSc (Bradford-UK),
PhD (Nagoya-Japan)

EXECUTIVE DEAN, FACULTY OF SOCIAL SCIENCES & TECHNOLOGY (FSST)



Prof. Emily A. Akuno
B.Ed. (Music) (Kenyatta), MMus (North-Western State
University Louisiana, PhD (Kingston University)

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EXECUTIVE SUMMARY

This report highlights the various milestones the university achieved while executing its mandate of teaching, research and innovation. In Chapter One, the report opens with the Office of the Vice-Chancellor, who is also the Chief Executive Officer of the University. The office is critical in the running of the university. It has several support units which facilitate service delivery.

Chapter Two covers the Division of Academics, Research and Students. The Office of the Deputy Vice-Chancellor - Academics, Research and Students (DVC-ARS) provides professional and administrative support to the university administration and faculties.

Chapter Three is about the Division of Technology, Innovation and Partnerships. The chapter brings out the expectations of the university when the Division was created. It was expected to promote the application of technology in teaching, research, and the general running of the University, as well partnerships with industry, peer institutions, and the community.

Chapter Four takes a look at the Division of Administration, Planning and Infrastructure. In order to facilitate the smooth running of the Programmes of the University, the institution must put in place structures and systems of general administration. This Division is responsible for three major functions of the university; administration, finance, and infrastructure. The administrative functions typically comprise general campus management, human resource management and related functions such as health and wellness services.

Chapter Five is about the Faculty of Social Sciences and Technology. The report chapter details on how the Faculty was established from the Faculty of Liberal and Professional Studies (FLPS) at KPUC. FLPS was established from the former Departments of Business Studies, Graphic Arts, Institutional Management, and Information and Tourism Studies of the Kenya Polytechnic. Each of these Departments was established as a school, albeit with slightly different naming as follows: Business and Management Studies, Creative Arts and Technologies, Hospitality and Tourism Management, and Liberal and Technology Studies (SLTS).

Chapter Six gives highlights on the Faculty of Engineering Sciences and Technology. The Faculty of Engineering Sciences and Technology covers the disciplines around engineering and the built environment. This chapter presents a synopsis of the status and developmental activities during the 2013-2014 operational year.

Chapter Seven is about the Faculty of Applied Sciences and Technology. The Faculty is comprised of the following five schools: Biological and Life Sciences, Physical Sciences and Technology, Computing and Information Technologies, Health Sciences and Technology, and Mathematics and Actuarial Sciences. The report highlights how the Faculty was constructed out of the previous departments of Applied Science, Computer Studies, Mathematics, and Health Sciences in the former Kenya Polytechnic.

Chapter Eight presents the university's Financial Report for 2013/2014.

CHAPTER ONE

OFFICE OF THE VICE-CHANCELLOR



The Office of the Vice-Chancellor is responsible for the academic and administrative leadership of the University. The Office is therefore required to offer strategic leadership to the institution in furtherance of its mandate and objectives. The holder of the office is responsible for the overall direction and organisation of the University and in this regard is responsible to Council and Government for proper governance and management of the institution. Functions such as the University Secretariat, Communication and Public Affairs, Information and Communication Technology (ICT) Services, and Security Services, by their strategic nature, report to the Office of the Vice-Chancellor. The Office of the Chief Internal Auditor functionally reports directly to Council but administratively reports to the Vice-Chancellor.

Administrative Support Sub-Division

The Vice-Chancellor is the Academic and Administrative head of the university drawing his responsibilities/ mandate from the Universities Act 2012, Technical University Charter and provisions of the Technical University Statutes. In order to perform his responsibilities, the Vice-Chancellor is supported by an Executive Officer. The Sub Division, headed by the Executive Officer, is further organized into 3 sections; Secretariat Services, Administrative Services and Technical Services. The Subsections are headed by Assistant Registrars. The sub-division is mandated to provide robust and effective administrative support through the provision of Secretariat services (planning, organisation and conduct of meetings of the organs that run the University), recording of proceedings, and issuance of instructions to implementing officers. The Sub-division also plays host to University guests within and outside the University. The Technical Services section deals with research and report-making on all technical aspects that helps the Vice-Chancellor make certain decisions.

During the period under review, the Office of the Vice-Chancellor received high-profile visitors as listed below:

1. Visitors

- Mr Donald MacIsaac and Ian Wallace of Learncorp International (LCI) Canada visited on 4th December 2013 and 21st January, 2014, to explore the possibility of collaboration on the teaching of Petroleum Technology.
- Consultative meeting on the Implementation of CBA held on 30th January 2014 where 26 Vice Chancellors and Principals of Public Universities and University Colleges attended.
- On 4th February, 2014, Eric White of Kenya Airways visited and explored possibility of collaboration in Aviation Engineering Training. He pledged closer collaboration with the Department of Aeronautics Engineering of the University.
- Hon. Joash Olum, the current MP for Lang'ata visited TU-K On 25th March, 2014, for discussion on Lang'ata CDF co-funding the construction of a TTI to be managed by TU-K.
- On 4th April 2014, 4 Principals of National Polytechnics participated in the signing of TU-K/ KATTI MoU at TU-K.
- UNHABITAT's Ms Laila Petrielle and Simone Rots visited TU-K on 4th April, 2014 with a proposal to assist in capacity building for the University staff on Urban Settlement.
- On 22nd May, 2014, officials from National Offices of Trade Unions representing University staff made a courtesy call to the Vice-Chancellor.
- Prof. L. Atepor and Mr P. Ahialey both of Cape Coast Polytechnic, Ghana visited the Vice-Chancellor on 23rd May, 2014 for the signing of an MOU whose main purpose is to allow CCP make an understudy, build a collaboration and seek advice as they set-up their own Technical University in 2016.
- Chinese Ambassador to Kenya on 17th June, 2014, visiting projects funded by the Chinese Government.

2. Implementation of Full Time Staff Equivalent (FTSE)

The Technical Section of the Sub-Division commenced the implementation of FTSE, a tool that ensures lecturers are optimally engaged. Prof Francis Aduol, the Vice-Chancellor of Technical University of Kenya, developed FTSE to address the anomaly in the traditional University set-ups, where lecturers' pay is only pegged on their grades, with no means of compensating a lecturer teaching more students for the extra work. Among the things that this formula is meant to achieve is to determine how many lecturers are required in every department and distribution of teaching loads for lecturers at the beginning of each semester. Lecturers who are able to take more load than the nominal (which are approximately 20 per cent of their time) are compensated for the extra load. In the past, part-time lecturers were paid a flat rate per hour for diploma classes and a flat rate for degree classes irrespective of their qualifications. With this formula, those with higher qualifications will earn more per hour thereby encouraging more qualified part-time lecturers to teach in the institution. There are some disciplines that require smaller number of students-per-lecturer ratio due to the very nature of the discipline. This has also been factored in this formula.

3. New Administrative Structure

In January 2014, a new University structure was unveiled in a bid to align itself to its new status. In doing so, the University voiced its strategic direction in terms of management strategy, culture transformation, and work performance among other key indicators. This was successfully done, having conducted a situational analysis of the previous structure, to reconcile the current structure and the old one to eliminate any gaps. Once the process was completed, the University Council approved the new structure which was consequently communicated to all staff through the University's website. The new structure saw the renaming of Schools, establishment of new departments as well as mergers of departments to provide clarity and efficiency. It is envisaged that the outcome of this will be increased productivity and accountability. It sets out the alignment of departments to the strategic direction of the University and to the Mission and Vision of TU-K. It also outlines the University's capabilities, span of authority and control for various offices and the line of command which is bound to do away with ambiguity and on the same note strengthen operational efficiency.

4. Unit Costing of Courses

Given that there is no accurate unit cost for university courses, often a deficit exists between what is paid for and the real cost of the course. This has continually affected universities offering courses that require a lot of investment in learning materials and personnel. Section 54 of the Universities Act 2012, provides that Universities Funding Board shall spearhead implementation of the 'unit cost' in university education. The Board "in consultation with the public universities, should establish the maximum differentiated unit cost for the Programmes offered," reads the Act. During the period under review, the TU-K Vice Chancellor was tasked to spearhead consultations on the development of a more accurate unit costing on behalf of public universities.

5. CBAs Negotiations

The University Academic Staff Union (UASU) and Kenya Union of Domestic, Hotels, Educational Institutions and Allied Workers (KUDHEIA), and TU-K are working towards the signing of a Collective Bargaining Agreement (CBA) 2013-2015 period. The Sub-Division was very active in organizing and providing a secretariat services for this important activity.

6. Association of Commonwealth Universities (ACU)

The Technical University of Kenya became a full member of the Association of Commonwealth Universities (ACU), whose membership is open to institutions of higher learning accredited by their respective national accreditation boards in all the 54 member countries. The Association provides avenues for collaboration and cooperation among members. Joining the ACU has placed TU-K into a network of like-minded organisations whose aim is to build and forge sustainable, mutually beneficial international partnerships.

7. Activities Under ACU

- From 16th to 18th October, 2013, The Vice Chancellor, Prof Francis Aduol and the Executive Officer in the VC's Office, Mr C.J.O. Kanyadudi represented TU-K in the ACU centenary Conference.
- From 13th to 16th July 2014, Mr Kanyadudi attended an ACU Conference on Institutional Strategy in Glasgow University, Scotland, United Kingdom.

8. SECURITY

During the period under review, the Security Department organised training for staff. There was First-Aid training at the St. Johns Ambulance. A fire and safety drill was also conducted within the University compound. Attending staff were examined and certificates awarded.

During the period under review, the University Council held the following meetings:

S/No	COUNCIL MEETING	APPROVED ITEMS
1.	The Fourth (4th) Council Meeting held on 8 th October, 2013	The <i>Organisational Structure, 2013</i> for the university was passed unanimously by Council.
2.	The Fifth (5th) Council Meeting held on 9 th October, 2013	The <i>University Statutes, 2013</i> were approved and passed unanimously by Council. The Constitution for the <i>Students Association of the Technical University of Kenya (SATU-K)</i> was approved by Council.
3.	The Sixth (6th) Council Meeting held on 25 th October, 2013	That the Terms and Conditions of Service Committee of Council was charged to review the Terms and Conditions for the rest of the University Staff.
	<p>A Special Council Meeting held on 20th November, 2013</p> <p>The Seventh (7th) Council Meeting held on 2nd December, 2013</p>	<p>The following five (5) Council Committees were approved.</p> <p>STATUTES COMMITTEE</p> <ol style="list-style-type: none"> 1. Mr Francis Mwaka – Chairperson* 2. Ms. Isabella Ochola-Wilson – Member 3. Dr Philip T. Parklea– Member 4. P. S., Ministry of Education, Science and Technology - Member 5. Vice-Chancellor – Member <p>*Chairperson resigned and the Ministry was informed accordingly.</p> <p>1. SEALING COMMITTEE</p> <ol style="list-style-type: none"> 1. Dr Philip T. Parklea – Chairperson 2. P. S. Ministry of Education, Science and Technology – Member 3. Vice-Chancellor – Member <p>2. PLANNING AND DEVELOPMENT COMMITTEE</p> <ol style="list-style-type: none"> 1. Eng. Protas A. Murunga – Chairperson 2. Eng. Mercy M. Wambugu – Member 3. P. S., Ministry of Education, Science and Technology - Member 4. P. S., National Treasury - Member 5. Vice-Chancellor – Member <p>3. HUMAN RESOURCE COMMITTEE</p> <ol style="list-style-type: none"> 1. Ms. Isabella Ochola-Wilson – Chairperson 2. Eng. Protas A. Murunga – Member 3. P. S., Ministry of Education, Science and Technology - Member 4. P. S., National Treasury – Member 5. Vice-Chancellor – Member <p>4. AUDIT COMMITTEE</p> <ol style="list-style-type: none"> 1. Eng. Mercy M. Wambugu – Chairperson 2. Dr Philip T. Parklea – Member 3. Ms. Isabella Ochola-Wilson – Member 4. P. S., Ministry of Education, Science and Technology – Member 5. P. S., National Treasury – Member <p>NB: The Council Committees as stated herein have developed almanacs as their strategy to ensure that they consistently and regularly meet.</p> <ol style="list-style-type: none"> 1. Letters of Appointment for the Chairperson of Council TU-K, the Vice-Chancellor, TU-K and the Deputy Vice-Chancellors, TU-K were approved for issuance; and 2. Terms and Conditions of Service for the Vice-Chancellor, TU-K and the Deputy Vice-Chancellors, TU-K were approved for issuance.
4.	The Eighth (8th) Council Meeting held on 26 th February, 2014	The Financial Year 2014/2015 Budget was passed
	A Special Council Meeting held on 10 th April, 2014	Council approved the university pay to staff as per the new Collective Bargaining Agreement (CBA) 2010-2013

CHAPTER TWO

DIVISION OF ACADEMICS, RESEARCH AND STUDENTS

The Office of the Deputy Vice-Chancellor - Academics, Research and Students (DVC-ARS) provides professional and administrative support to the university administration and faculties. The portfolios in this division includes: Management of Academic Programmes; Library and Learning Resource Services; School of Graduate and Advanced Studies; Research and Knowledge Exchange; Centre for Open and Lifelong Education; and Student Support Services.

MANAGEMENT OF ACADEMIC PROGRAMMES

The academics portfolio is the principal area of strategic focus of any university and is responsible for the management of teaching and learning programmes of the institution. The Management of Academic Programmes constitutes: student recruitment and admission services; academic programmes; examination and certification; academic secretariat and registry; academic quality management; and scholarship, prizes and endowment.

ADMISSIONS SECTION

Number of students admitted in the academic year segregated by programme and gender

Module I

In the academic year 2013/2014, the Technical University of Kenya admitted students through Kenya Universities and Colleges Central Placement Service (KUCCPS) and directly through advertisement. KUCCPS sent 1,800 students from KCSE 2013 cohort into 52 degree Programmes. The rate of reporting was 95% (1,728 Out of 1819). Of the 5% who did not report, a few obtained inter-university transfer while others deferred their reporting to the next academic year. A few are not accounted for as they did not communicate to the University.

Module II

Admission of Module II students was initiated in May 2014 through print and electronic media advertisement. In that year, the procedure of admission was modified to be partially on an electronic platform. Applicants were required to send their academic data to a database and select a Programme of study. This resulted in generation of a form which the applicant was required to send by surface mail together with copies of academic reports and application fees bank pay-in slip.

Challenges

One of the major challenges encountered when using the online application platform was the restricted knowledge of its capability. Manipulation of the database to give electronic reports was not effective. Consequently, selection had to be done manually by printing lists, identifying

qualified persons and making one by one selection in the database. The limited knowledge of the operation resulted in many names of qualified persons being left out inadvertently.

The statistics of students who were admitted in Module I and Module II are available in Annex I

List of programmes and enrolment by gender segregated into modules and Schools

The Technical University of Kenya offers in total 167 programmes of which 67 (40%) are degree programmes. There are 80 programmes or 48% whose average class sizes is below 12. A small class size is defined as 12 suitable for highly practical programmes such as music. The list of programmes is a mix of degree, diploma and certificates. The programmes require deliberate actions on the part of school management to ensure they attract good number of students.

Overall, there were slightly more than 7,000 students registered in the various programmes. Of this number, 28% of the population is female. This fraction varies from one programme to the other but is much higher in the Faculty of Social Science and Technology where the highest female ratio is above 50%. In the Faculty of Engineering Science and Technology the proportion of female is as low as 5% for example in the Bachelor of Technology (Mechanical and Mechatronic Engineering Technology).

The detailed registration figures are as indicated in Annex II

CHALLENGES IN ADMISSION

The admission process has always been done hurriedly at both national level and at university level. KUCCPS (the predecessor of the Joint Admissions Board) initiates selection process well after the examinations results have been announced and candidates given one month period to raise queries. By the time the selection list is released by KUCCPS, there is hardly one month to invite students and process their registration. This short period for registration affects two related processes.

a) Inter-University Transfer

It is common occurrence that some prospective students do not get placement in universities of their choice or programmes of their preference or both. As a result KUCCPS give a one month window for prospective students to request review of their placement through inter-university transfer. The one month window ends when students have already reported to those universities whose registrations are synchronised to 1st week of September. As a result, by the time some students' applications for inter-university transfer succeed, the classes will have covered in excess of 1/3 of course outline for the semester making it difficult to register the students.

b) Inter-Faculty Transfer

In a like manner, universities often give qualified registered students an opportunity to apply for inter-faculty transfer. In the registration rush, there are only three weeks for the entire process to be completed. This makes it difficult to consider cases of those students who may register late by even one week. It also constrains the admission process, particularly in regard to making application lists available for inspection before the Deans make a final decision. Consequently, students who find themselves stuck in the programmes they wished to change from take offence not with the process but with the admissions office.

IMPROVEMENT IN SERVICES

Despite the challenges, remarkable improvements were made in admission and registration process. The delays in posting letters were overcome by developing a system that delivers to prospective students' admission offers through the university website. Thus the time prospective students received admission letters was reduced to just 24 hours as opposed to the previous two weeks. This innovation also

ensured there were no losses of admission letters. One other important improvement was the issuance of student identification cards. In the past, it would take two to three months for identification cards to be printed. Currently, newly admitted students start getting their identification cards in the second week after registration.

NUMBER OF GRADUANDS PER PROGRAMME

Number of students graduating by Programme (2013)

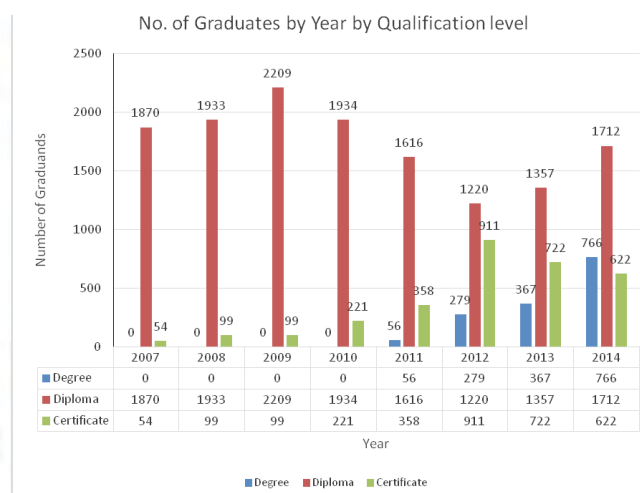
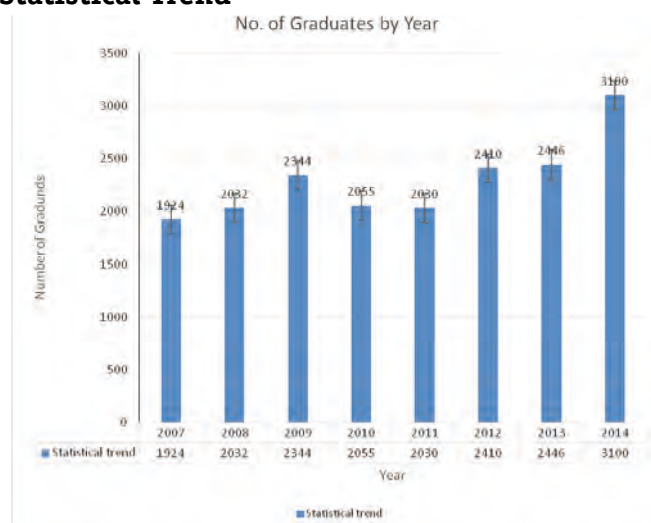
BACHELOR OF ENGINEERING	BACHELOR OF PHILOSOPHY	BACHELOR OF PHILOSOPHY IN TECHNOLOGY	BACHELOR OF TECHNOLOGY	HIGHER DIPLOMA	ADVANCED DIPLOMA	DIPLOMA	DIPLOMA IN TECHNOLOGY	CERTIFICATE	TOTAL
55	49	107	156	4	20	466	867	722	2446

Number of students graduating by Programme (2014)

ADVANCED DIPLOMA	BACHELOR OF ARCHITECTURAL STUDIES	BACHELOR OF ARTS	BACHELOR OF COMMERCE	BACHELOR OF ENGINEERING	BACHELOR OF PHILOSOPHY	BACHELOR OF PHILOSOPHY IN TECHNOLOGY	BACHELOR OF QUANTITY SURVEYING	TOTAL
10	18	11	83	178	54	119	36	509

BACHELOR OF SCIENCE	BACHELOR OF TECHNOLOGY	CERTIFICATE	CERTIFICATE IN TECHNOLOGY	CONSTRUCTION TECHNICIAN	DIPLOMA	DIPLOMA IN TECHNOLOGY	HIGHER DIPLOMA	TOTAL
67	202	583	8	26	751	938	20	3100

Statistical Trend



Completion Rate

Retention and completion rates are indirect measures of the impact of the university processes on students' behaviour. The universities are expected to facilitate students in their learning in class, help mould their character to ensure they remain dedicated to their studies and assist those with social and financial difficulties. The Technical University of Kenya has ensured that completion rate remains in the performance contract. This indicator has improved gradually and is currently averaged at 82% as shown below. A good number of programmes, especially the science-based ones, reported completion rates of between 50% and 64%. The highest completion rate of 100% was recorded in the Department of Information and Knowledge Management.

Completion Rate				
Course	Programme Name	Registered	Graduated	Percentage Completing
AALI/2013P	Bachelor of Technology (Information Studies)	50	50	100%
AB502111	Bachelor of Technology (Biotechnology)	14	11	79%
AB503111	Bachelor of Technology (Science Laboratory Technology)	9	8	89%
ABBB/2013P	Certificate in Business Studies	14	12	86%
ABBC/2013P	Certificate in Sales and Marketing	11	7	64%
ALLA/2013PS	Certificate in Archives and Records Management	23	23	100%
ALLB/2013PS	Certificate in Archives and Records Management	13	13	100%
AP111111	Diploma in Technology (Actuarial Science)	12	8	67%
AP111112	Diploma in Biotechnology (Medical Option)	14	7	50%
AP111119	Bachelor of Technology (Food Science and Technology)	8	5	63%
Bb501111	Bachelor of Commerce	91	83	91%
Bs317111	Diploma in Accountancy	30	27	90%
Bs318112	Diploma in Legal Studies	10	10	100%
Eb507109	Bachelor of Engineering (Electrical and Electronic Engineering)	33	31	94%
Eb508109	Bachelor of Engineering (Electrical and Electronic Engineering)	13	10	77%
Eb509110	Bachelor of Engineering (Electrical and Electronic Engineering)	38	20	53%
EECC/2013PS	Certificate in Technology (Civil Engineering)	46	24	52%
EEEM/2013P	Bachelor of Philosophy in Technology (Electrical and Electronic Engineering)	27	21	78%
EEGM/2013P	Bachelor of Philosophy in Technology (Geoinformation Technology)	25	16	64%
EP112111	Bachelor of Technology (Surveying Technology)	11	10	91%
TOTAL		492	401	82%

Innovations in Service Delivery

- Having developed modules on Open Source Software called TUSOFT, we automated:
 - a.) The receiving of examinations and departments collecting examination papers. This ensured efficiency and accountability since we were able to track the process including the persons involved in the various activities during the reprographic work.
 - b.) Issuance of academic certificates which enables us to track the process and audit the certificates at the Examinations Office at any given time.
 - c.) The printing and issuance of academic transcripts.

- During the period under review, the University Management Board approved the Examinations Management Information System. The system enables lecturers to enter course work marks and ordinary examination marks from which mark sheets can be printed for submission to the external examiners. Once the external examiner moderates the results, the results will be available in various reporting formats including automatic generation of Senate reports, consolidated mark sheets and provisional and final transcripts.

Academic Coordination and Secretariat

Teaching Scheduling

The achievement of this department was basically on the the timetabling software. It has the undermentioned advantages:

- Developed inhouse, therefore it can allow for modifications which can occur from time to time.
- It was used during the period under review and served us well.
- It is web-based and therefore students and lecturers can download their timetables online.
- The software is capable of accepting requests online from the school timetablers which is then used to provide a university wide timetable.
- It can also give conflict reports which have reduced clashes for the last semesters.

The department is satisfied with the operation of the timetable software so far.

Staff Listing by Qualification, Designation and Gender

ACADEMIC STAFF ESTABLISHMENT							
Designation	Male	Female	Male	Female	Male	Female	Total
	Full Time		Part Time		Sub-Total		
Professor	9	3	18	6	27	9	36
Associate Professor	14	2	28	4	42	6	48
Senior Lecturer	32	5	64	10	96	15	111
Lecturer	80	97	160	194	240	291	531
Assistant Lecturer	30	40	60	80	90	120	210
Tutorial Fellow	12	8	24	16	36	24	60
Graduate Assistant	5	7	10	14	15	21	36
Teaching Assistant	37	8	74	16	111	24	135
Chief Technician	0	0	0	0	0	0	0
Principal Technician	0	0	0	0	0	0	0
Senior Technician	21	3	42	6	63	9	72
Technician	18	5	36	10	54	15	69
Assistant Technician	1	1	2	2	3	3	6
Chief Technologist	0	0	0	0	0	0	0
Senior Technologist	2	0	4	0	6	0	6
Technologist	35	2	70	4	105	6	111
Sub-Total	296	181	592	362	888	543	1431

SUMMARY OF ACADEMIC STAFF QUALIFICATIONS						
	PhD	Masters	Bachelors	Higher Diploma	Diploma	Certificate
Male	77	104	49	40	15	11
Female	41	104	26	4	5	1
Total	118	208	75	44	20	12

LIBRARY AND LEARNING RESOURCE SERVICES

INTRODUCTION

Academic Libraries are the heart of the university since they partner and support all the academic programmes and all the research that takes place in the university. The Library, therefore, becomes an important resource for the development of the university and has to be of high standards with modern and relevant stock as well as enough space to facilitate individual and group learning. The Library should boost academic programmes through the provision of resources for teaching, learning and research. The TU-K Library building which occupies an area of 1061m² was opened in 1980 and has a sitting capacity of approximately 450 users. The Library has a readership of over 9,000 users, served by 20 professionally trained staff. It has over 50,000 print books and over 35,000 e-books complemented by a rich collection of e-journals and databases. The Library is a member of Kenya Library Association (KLA) and Kenya Library and Information Services Consortium (KLISC).

ACHIEVEMENT

Staff Promotions

During the period under review, the Library trained 1,827 students in information literacy and use of e-resources. In September 2013, the Library organised the first ever e-resources week in TU-K where staff and students were introduced to the various e-resources and databases available in TU-K. Ten (10) library staff got promoted during the 2013/2014 academic year. The following staff attended conferences, seminars, training and workshops as indicated below:-

NAME	DATE/MONTH	TRAINING ATTENDED
Sarah Kibugi	October 2013	KLISC Workshop on Strategic Plan
Joyce Mugenya	May 2014	Swedish Library Association Annual Conference
Evelyn M. Getuba Francis Nganga Grace Kinyanjui	31 st July – 2 nd August 2013	KLA Workshop on “Building and managing strong libraries and information service centres through creativity, innovation and ICT”
Christine Nehondo	January 2013	Safety and Health training
Evelyn M. Getuba	December 2013 & January 2014	First Aid and Safety
Peter K. Mambo	7 th November 2013	A workshop on Web Design and Authoring for Librarians
Benjamin Kemboi	17 th January 2014	INASP Workshop on Digital Repositories

RESEARCH WORKSHOPS

Integrated Library Management System

In February 2014, the Integrated Library Management System was installed. This is the first bio-metric system to be used in TU-K. It incorporates both circulation and entrance management. Library patrons have to use their fingerprints to gain access to the Library. The system has enhanced the security of books and a number of students have been caught trying to steal books.

Hosting of UN/WB/UL Committee

The Library hosted the United Nations/World Bank/University Librarian (UN/WB/UL) Committee meeting in July 2013. This is a committee comprising of the university librarians and staff from both UN and World Bank. The committee creates a forum for the library professionals from these institutions to exchange ideas and share experiences and good practices in managing libraries.

Acquisition of Springer e-books

In 2013, the Library acquired over 33,000 titles Springer e-books.

Digital Institutional Repository

In 2013 TU-K established a Digital Institutional Repository. The main purpose of an institutional Repository is the access to scholarly material journals publications, hence boosting the institutions ranking worldwide.

Research Africa Platform

In April 2014, the Library organized for 14 TU-K researchers to be trained by Research Africa Professional. After the training, TU-K was given a 21-day free trial period. Research Africa Platform is a one-stop source giving relevant and timely information on research funding opportunities. TU-K went ahead and subscribed to the platform with the hope that it will enhance and increase research output.

Circulation Counter

In May 2014, the Library designed and made an appropriate circulation counter and the information desk as indicated in the picture below:



SCHOOL OF GRADUATE AND ADVANCED STUDIES

The School of Graduate and Advanced Studies is responsible for the coordination and management of postgraduate studies and advanced study programmes. The School is organised into three broad functional areas namely; postgraduate administrative services, postgraduate academic programmes, and advanced studies programme.

ACHIEVEMENTS

Policy Documents For Setting Up The School

During the period under review, the school completed revision of Guidelines for Postgraduate Studies Policy document needed for the smooth running of the activities within the School. Other documents were prepared to help establish the School (known as Directorate then), including the organisational structure, duties of staff and planning and annual budget. The preparation of the policy documents were done the Postgraduate Studies Committee composed of all Heads of Schools, in absence of a Committee that is going to be set up by Management.

Vetting and Admission of PhD Applicants

Only applicants seeking PhD by research and thesis were considered. During the stated period, several PhD applications were processed for students getting admitted into various departments. For vetting, the procedure was involved application through the Head of Department, Director of School and Executive Dean of the Faculty, who must all recommend. The application documents include certified degree certificates/transcripts, CV, copy of ID, Concept note/Research proposal and statement by the main supervisor confirming availability of resources to ensure completion of the study. During the period under review, 14 applicants were admitted into PhD Programmes in various departments as follows:

No.	Name of Department	Number of PhD Students Registered
1.	Department of Technical and Applied Biology	1
2.	Department of Mechanical and Mechatronic Engineering	2
3.	Department of Biochemistry and Biotechnology	1
4.	Department of Physics and Space Science	1
5.	Department of civil and Construction Engineering	1
6.	Department of Geography and Earth Sciences	1
7.	Department of Chemical Science and Technology	2
8.	Department of Accounting and Finance	1
9.	Department of Music and Performing Arts	1
10.	Department of Human Nutrition and Dietetics	2
11.	Department of Economics and Resource Management	1

As at December 2014, about 43 students had been registered. The School gave endorsement and represented the University on National Commission for Science, Technology and Innovation (NACOSTI) matters. Three PhD students obtained NACOSTI grants during 2013/14 namely: 1 in Physics and Space Science; 1 in Applied Biology and 1 in Biochemistry and Biotechnology. One of the PhD students in the Department of Food Science and Technology is co-supervised by an academic staff from the University of Saskatchewan-Canada. The co-supervisor has since visited the School of Applied Science and Technology and gave a public lecture to undergraduate and postgraduate students and staff. The School held 5 research proposal defence seminars for five (5) students during the period in question.

Postgraduate Curriculum Development

The School coordinated the preparation of Masters Programmes for discussion in the Deans Committee. Eight (8) Masters Programmes were presented to the Dean's Committee. The conclusion was that they were approved for further tabling at Senate subject to fitting them into the most recent Commission for University Education (CUE) format. The Masters curricula were from various departments as indicated below:

No.	Name of Department	Number of Programmes
1.	Department of Music and Performing Arts	2
2.	Department of Human Nutrition and Dietetics	2
3.	Department of Geography and Earth Sciences	1
4.	Department of Mechanical and Mechatronic Engineering	1
5.	Department of Construction Management	1
6.	Department of Mathematics and Actuarial Science	1

Information and Support on Academic and Research matters

The School provided useful support by circulating documents on research activities, internal and external funding opportunities and conferences/workshops to all members of staff, often through the Directors of Schools.

Development of a Curriculum in Research Methodology

- i. The School was given the responsibility to develop a curriculum in Research Methodology. Although this responsibility was later transferred to the Executive Dean (FAST), the School continued to participate in the preparation of the curriculum, giving guidance on adherence to the proposed guidelines.
- ii. The School has provided information to the Ministry of Education on Postgraduate Studies and Research whenever requested.
- iii. The School organised training on research proposal writing during the period.

Challenges the School is Facing

- i. The guidelines for Postgraduate Studies and fees have not been tabled in Senate for approval. Some of the students want to start paying fees but cannot do so since the policies have not been approved.
- ii. There is lack of adequate office space, therefore no staff to assist the Director, despite the huge workload to be implemented.
- iii. Research and Innovation Policy not yet approved, thus making implementation difficult.
- iv. Appointment of Postgraduate Studies and Research & Innovation Committees, respectively, is not yet complete.

DIRECTORATE OF RESEARCH AND KNOWLEDGE EXCHANGE

Under the Research portfolio, the Directorate is responsible for providing strategic direction, leadership and management of research and knowledge exchange as well as various innovation and commercialisation functions. This would drive the university's research performance and innovation in areas of strength and priority and build relationships with industry and business through local, national and international research networks to leverage research outcomes and opportunities. The Directorate acts as the fulcrum of institutional development of research and innovation and incorporates the research and innovation activities in all schools, institutes and centres of the university. The Directorate

assists the university in implementing three research objectives namely: participation in the discovery, transmission, preservation and enhancement of knowledge; provision of facilities for education and research; and the achievement of sustainable financing of the university through income generating activities and grants. During period under review, the Directorate completed revision of Research and Innovation Policy document needed for the smooth running of the activities within the directorate.

ACHIEVEMENT

During the period under review, the Research Directorate organised an international conference- the 2nd annual TU-K Conference at Kenya Institute of Curriculum Development (KICD) Nairobi in June 2014. This was successful and well represented in terms of researchers and government departments.

CENTRE FOR OPEN AND LIFELONG EDUCATION (COLE)

The Centre for Open and Lifelong Education (COLE)'s sole mission is to give opportunity to those qualified for university education but cannot be enrolled in the conventional residential and face-to-face delivery mode to access tertiary education and also to offer opportunity for professional development and lifelong learning to various groups of people at their convenient time, pace and place. It is expected to further create and develop higher education and continuing studies system through distance and e-learning technologies. The section is mandated to advice on the adoption of appropriate learning methods and technologies supported by information communication technologies.

COLE is in charge of three sections: General Undergraduate Education; Professional and Continuing Education as well as Open Campus. The most active of these three was the General Undergraduate Education. The section coordinates university academic programmes that are designated as common to both undergraduate and diploma students. These four are: Health Education; Communication Skills; Critical and Creative Thinking and Society and Culture. Plans are underway to offer professional and continuing education besides open and eLearning.

DIRECTORATE OF STUDENTS SUPPORT SERVICES

The Office of the Director, Student Support Services provides support and advocacy on behalf of students by facilitating the integration of academic experiences of students in all aspects of university and student life which in turn promotes conducive environment that supports students' personal, professional development and academic success. The Director's office handles Counselling, Accommodation and Catering, Sports and Co-Curricular Activities, Chaplaincy and Disbursement of limited Student Bursaries. The office also coordinates Students' Union matters and other services that enhance students' emotional or personal support and growth.

1. Catering and Accommodation Services

The University provides modern kitchen facilities for students and faculty members both at the university, as well as the Men and Women's hostels. To mitigate the accommodation challenge, during the period under review, the department was instrumental in sourcing for alternative accommodation for the students. The initiative helped many applicants to get hostels around in Ngara, Pangani and Upper Hill areas of Nairobi at acceptable rates.

2. Spiritual and General Well-Being

Chaplaincy Services

Spiritual guidance is provided by the Catholic Chaplain, Protestant Chaplain and Muslim Imam. The chaplaincy services are open to the entire university community and include guidance and counselling, conduct of worship services and coordination of spiritual activities. The Young Catholics Association (YCA), the Christian Union (CU), the Muslim Students Association and the Seventh Day Adventists (SDA) have participated in charitable activities outside the university like attending religious retreats at local and regional holy sites, visiting children's homes, supporting persons with various physical challenges.

Counselling Services

Confidential counselling was available to students who are distressed or confused about any aspect of life. Counsellors were based in the counselling centre to offer regular services at other sites across the university.

Death & bereavement of a Student

In the event that a student dies, the Director of Students Support Services provides support by organizing transport for fellow students. In the case of demise of a parent, facilitation in form of two-way bus fare is given to the bereaved student accompanied by two classmates. The office is however not responsible for any financial expenses that students or families incur during the mourning period.

Student Leadership Affairs

Student Association of Technical University of Kenya (SATU-K) is the legal body given the mandate to represent student matters under the Student Constitution which is in line with the University Statutes and the University Act of 2012. It is also referred to as the Student Council.

3. Supervision of SATU-K Elections and Power Transition

The Students' Union is a democratic organisation run by students for students. Each year a committee of students is elected by the students to run the Union. The student body is guided by the Student Constitution and seeks to cultivate a culture of democracy and good governance in our country Kenya. The Director's office facilitated free and fair elections in October 2013 when the term of the office bearers ended.

4. Strengthening Leadership of Students' Organisations

The Director's office organises seminars, workshops, study tours and other educative events to empower student leaders to gain more integrity and performance in accordance with the University rules and regulations. During the period under review, the union officials attended a workshop where the annual budget was tabled and approved by the Congress.

5. Bursaries and Scholarships

About 90 per cent of students enrolled in TU-K for degree programmes rely on HELB and bursaries. Diploma and Certificate students also rely on sponsorship through TVET. Other organisations such as Rattansi Education Trust sponsored needy students to a tune of Sh728, 550 in 2014, SATU-K allocated Sh1.4 million for bursary to students and management pledged to double SATU-K's contribution.

6. Clubs, Associations and Societies

Students are encouraged to take part in sports and recreational activities according to their interests, needs and abilities. The Technical University of Kenya has clubs and associations that are academic, professional and faith based in nature. The clubs and associations empower students through academic and other fora and are funded by the Students Association of Technical University of Kenya (SATU-K). SATU-K allocated Sh400,000 for the religious groups while Sh300,000 went to clubs and associations' activities. The TU-K Sports and Co-curricular Department offers many different sports, games, outdoor pursuits, leisure and recreational activities and ensures that the students get right skills, knowledge and attitudes through sports. The TU-K teams participate in the sports championships, competitions, tournaments and leagues at various levels.

ACHIEVEMENTS

- i. TU-K Inter schools sports day annual championships and tournament were held on July 5th 2014. The event was held at Nyayo Stadium where School of Engineering Sciences and Technology (SEST) emerged the winners.
- ii. Inter Universities and Colleges Leagues and tournaments (UCL). The ladies Soccer team are the winners of the 2014 UCFL League.
- iii. Kenya Universities Sports Association (KUSA) Championships at Nairobi conference (zone) level and at National level. All our teams are participating in the KUSA League. In February 2014 our men's Soccer team were the Nairobi conference (zone) champions.
- iv. Eastern African Universities Sports Federation (EASUF) championships that brings together Kenya, Uganda, Rwanda, Tanzania, Southern Sudan, Sudan, Somalia and Burundi as participating countries
- v. International Federation of Universities Sports (FISU) championship. In August 2013 our swimming and athletics teams participated in the RUSSIA FISU games qualifiers.

TU-K teams engaged in the following sporting activities

- i. **The Outdoor teams:** Soccer, Rugby, Hockey, Handball, Volleyball, Netball, Basketball, Athletics, Roll Ball, Roller Skating, Swimming, Lawn Tennis, Softball, Squash, Cricket and wood ball.
- ii. **Indoor games:** Badminton, Table Tennis, Chess, Scrabble, Darts, Draughts, Aerobics, Pool table, Cards,
- iii. **Martial Arts:** Karate, Taekwondo, Judo, Tongil Mondo
- iv. **Leisure and recreation:** Mountain climbing, beach volleyball, beach soccer, sea swimming, team building activities and games

Other achievements in various sports are as indicated below:

No	GAME/TEAM	ACHIEVEMENTS
1	SOCCER MEN	<ul style="list-style-type: none"> • TU-K soccer team was in good form during the year under review. The team participated in both universities and FKF leagues and tournaments. • The team was the overall Kenya Universities Sports Association (KUSA) Champions of the 2012-2013 seasons. • The team enjoyed a good run in the Kenya Universities Sports Association and Universities and Colleges Football Leagues Nairobi Zone. • The team was the Nairobi (conference) Zone champions and had represented the (conference) Zone in the KUSA inter-conference play offs and eventually the country in EAUSF Games in Uganda. • In FKF organised competition the team emerged tops at the Nairobi's great "Koth Biro Cup"
2	SOCCER LADIES	<ul style="list-style-type: none"> • Our ladies soccer team won the Kenya Universities Sports Association and Universities and Colleges Football Leagues. • The team is also the Universities and Colleges Football League Champions in 2014.
3.	RUGBY "The Mustangz"	<ul style="list-style-type: none"> • The team participated in the Universities League and also the Kenya Rugby Union National at both Sevens and Fifteens levels. The team emerged as the national universities champions and were selected to represent Kenya i.e. KUSA during African Universities Games Championships held in UON in August 2014. The Rugby team "the Mustangz" won the nationwide league and qualified for National semi finals play offs and missed Kenya Cup league by finishing in third position.
No	GAME/TEAM	ACHIEVEMENTS
4	HANDBALL (Men and women)	<ul style="list-style-type: none"> • TU-K Handball teams are among the best in the country as they rub shoulders and even defeat the national league clubs in Kenya. In 2013/2014 they had the following honours: • The Kenya Handball Federation National League champions 2013-2014- Winners • The 1st Runner's up (2nd position – Silver medallist) Federation of African Universities Sports (FASU) championships held in August 2014 at the University of Nairobi (UoN) • The KUSA Nairobi Conference champions 2013/2014 • KUSA National Champions 2014 • Winners (Gold medallist) at The Eastern African Universities Sports Federation Championships held in Kampala Uganda in December 2014 • In 2014 the teams won Ten (10) Trophies from all the Universities sports days and culture week tournaments Including KU, UON, JKUAT, CUEA, Strathmore, KU-Coast Campus, Egerton, Moi, Meru and TUM among others. • The Handball team is the most successful so far among Kenyan universities teams since 2003. • The teams participate in the KUSA Universities league where the men's team have been the champions for the Last Seven years. Currently the team holds the Nairobi –KUSA championship trophy, KUSA. • The team participated in the 2013 East and Central African Championships and finished in fourth position. <p>HANDBALL LADIES</p> <ul style="list-style-type: none"> • Our handball women's team are now the KUSA-Nairobi champions. • In 2014 TU-K won Ten (10) Trophies from all the Universities sports days and culture week tournaments Including JKUAT, CUEA, STRATHMORE, KU-COAST, EGERTON, Moi U, Meru and TUM among others. • They were 3rd overall (Bronze medallist) at The Eastern African Universities Sports Federation Championships held in Kampala Uganda in December 2014 • Some of the ladies team players have been recruited for employment by Nairobi Water Company, Cereals among other companies.

No	GAME/TEAM	ACHIEVEMENTS
5	Indoor Games e.g. CHESS, Badminton, Table Tennis, draughts Darts, and Pool table, Scrabble and Darts	<ul style="list-style-type: none"> The Chess team plays in both the KUSA League and also the Chess Kenya national league where TU-K currently lies fourth in the chess Kenya league. Table Tennis and Badminton are equally doing well in their National Federations league and KUSA leagues. Scrabble: The ladies team was the 2014 KUSA National champion women champions. The team captain Ms Evelyn Njogu is the overall KUSA -universities champion, and the JKUAT, KUSA WOMEN, KU, Strathmore and Daystar sports days' winner. She is also a member of the Kenya national team -Scrabble Kenya. The winners (gold medallist) of The Eastern African Universities Sports Federation Championships held in Kampala Uganda in December 2014 She represented the Scrabble Kenya Association in Kampala during the East African championship in 2014. All the indoor teams participate in the National Federation Leagues, KUSA Leagues and tournaments.
No	GAME/TEAM	ACHIEVEMENTS
6	Martial Arts i.e. Judo, Karate, Taekwondo, Judo, Tongil Mondo, body building,	<ul style="list-style-type: none"> Our Marshal Arts teams are doing very well in their KUSA and National Federation Leagues. Karate emerged the winners in the Nairobi KUSA championships- JKUAT open in 2014. TAEKWONDO team emerged 3rd overall in the December 2013 KUSA national games, and also in the Mount Kenya Region - Meru open, and Coast open. Our ladies Captain Miss Seinab Isaac won gold in her weight category. In 2013/2014 she won gold medals in the following open championships; USIU, Kibabii, St Teresa's, JKUAT, CUEA, Strathmore, KU-Coast, Egerton, Moi, Meru and TUM among others. She won gold during the KUSA National games in UOE Eldoret in December 2013, and gold as well as best player trophy award during the East African University Sports Federation games in Kampala Uganda in December 2014 Our Marshall Arts teams e.g. Judo, Tongil, Karate and Taekwondo participate in the National Federation Leagues, KUSA Leagues and tournaments on a regular basis.
7	Athletics team; Track and field Cross-country Road race Marathon	<ul style="list-style-type: none"> This is a very vibrant discipline as we hold our TU-K-Inter schools championships every first Friday of July every year. We then select a team that participates in the Athletic Kenya national championships for Track and field events, National cross country, Marathon, and Road races, universities championships among others. During the inter universities championships, TU-K students were in competition alongside other universities students at local, national and international levels. The Cross country championships, Athletics Kenya National cross country championships were held at Uhuru Gardens Nairobi. TU-K team were the 2nd runners up in the 2014 Laikipia Half Marathon- race universities category, and won the Taita Taveta University College cross country championships in 2014.
8	BASKETBALL	<ul style="list-style-type: none"> The Basketball teams have performed exceptionally well in 2013. The teams participated in KUSA, NBA and ZUKU Universities NATIONAL league. In ZUKU-Universities Nairobi zone league TU-K are the 2013 Men's 1st Runners up in Nairobi zone while in the ZUKU -Universities National league we emerged fourth overall. In 2014 in the KUSA Nairobi zone our men's team "the Gators" have emerged 1st runners up, while the women's team "the Tressors" finished 3rd in the Nairobi KUSA league.
9	HOCKEY	<ul style="list-style-type: none"> The TU-K hockey team "the Stingers" participate in the Kenya Hockey Union National League, (universities) KUSA Leagues and tournaments. In National league 2013/2014 we finished 2nd position. During the Nationwide play offs, the Stingers had finished 3rd overall and were not promoted to National premier league.

No	GAME/TEAM	ACHIEVEMENTS																																																																																																												
10	Roller Skating	<ul style="list-style-type: none">TU-K has one of the best teams in Roller Skating in the country with the national coach being our alumni and four players are in national team. They participate in both the national and universities championships.																																																																																																												
11	Roll ball	<ul style="list-style-type: none">TU-K is actively participating in Roll Ball games and have 5 players at the national. Some students are able to raise their fees from the national game duties especially when they go out with the national team to play in Uganda, Tanzania or any other international games.																																																																																																												
12	Other teams	<ul style="list-style-type: none">Other teams include Netball, Volleyball, Roll ball, Cricket, Swimming, Lawn Tennis, squash and yoga.																																																																																																												
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13	KUSA NATIONAL GAMES CHAMPIONSHIPS RESULTS: HELD IN University OF ELDORET AS FROM 18 TH TO 22 ND DECEMBER 2013	<table><tr><th>DISCIPLINE</th><th>GOLD</th><th>SILVER</th><th>BRONZE</th><th>TOTAL</th><th>POSITION</th></tr><tr><td>TRACK AND FIELD</td><td>2</td><td>1</td><td>1</td><td>4</td><td>5th</td></tr><tr><td>TAEKWONDO</td><td>2</td><td>3</td><td>2</td><td>7</td><td>3rd</td></tr><tr><td>SCRABBLE (W)</td><td>1</td><td colspan="2">TEAM WINNERS</td><td>1</td><td>1st</td></tr><tr><td>HANBALL (M)</td><td>-</td><td>1</td><td>1</td><td>1</td><td>3rd</td></tr><tr><td>BADMINTON (M)</td><td>-</td><td>-</td><td>-</td><td>SEMIS</td><td>4th</td></tr><tr><td>BADMINTON (W)</td><td>-</td><td>-</td><td>-</td><td>SEMIS</td><td>4th</td></tr><tr><td>BADMINTON (W)</td><td>-</td><td>-</td><td>-</td><td>SEMIS</td><td>4th</td></tr><tr><td>BASKETBALL (W)</td><td>-</td><td>-</td><td>-</td><td>SEMIS</td><td>4th</td></tr><tr><td>CHESS (M)</td><td>-</td><td>-</td><td>-</td><td>SEMIS</td><td>4th</td></tr><tr><td>CHESS (W)</td><td>-</td><td>-</td><td>-</td><td>SEMIS</td><td>4th</td></tr><tr><td>HANDBALL (W)</td><td>-</td><td>-</td><td>-</td><td>SEMIS</td><td>4th</td></tr><tr><td>KARATE (M)</td><td>-</td><td>-</td><td>-</td><td>SEMIS</td><td>4th</td></tr><tr><td>SOCCER (M)</td><td>-</td><td>-</td><td>-</td><td>SEMIS</td><td>4th</td></tr><tr><td>SOCCER (W)</td><td>-</td><td>-</td><td>-</td><td>SEMIS</td><td>4th</td></tr><tr><td>SCRABBLE (M)</td><td>-</td><td>-</td><td>-</td><td>-</td><td>8th</td></tr><tr><td>TABLE TENNIS (M)</td><td>-</td><td>-</td><td>-</td><td>-</td><td>6th</td></tr><tr><td>TABLE TENNIS (W)</td><td>-</td><td>-</td><td>-</td><td>-</td><td>8th</td></tr></table>	DISCIPLINE	GOLD	SILVER	BRONZE	TOTAL	POSITION	TRACK AND FIELD	2	1	1	4	5 th	TAEKWONDO	2	3	2	7	3 rd	SCRABBLE (W)	1	TEAM WINNERS		1	1 st	HANBALL (M)	-	1	1	1	3 rd	BADMINTON (M)	-	-	-	SEMIS	4 th	BADMINTON (W)	-	-	-	SEMIS	4 th	BADMINTON (W)	-	-	-	SEMIS	4 th	BASKETBALL (W)	-	-	-	SEMIS	4 th	CHESS (M)	-	-	-	SEMIS	4 th	CHESS (W)	-	-	-	SEMIS	4 th	HANDBALL (W)	-	-	-	SEMIS	4 th	KARATE (M)	-	-	-	SEMIS	4 th	SOCCER (M)	-	-	-	SEMIS	4 th	SOCCER (W)	-	-	-	SEMIS	4 th	SCRABBLE (M)	-	-	-	-	8 th	TABLE TENNIS (M)	-	-	-	-	6 th	TABLE TENNIS (W)	-	-	-	-	8 th
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TU-K - Overall medals and position				
GOLD	SILVER	BRONZE	TOTAL	POSITION
5	4	3	12	4 th



ALUMNI AFFAIRS

Since its establishment, TU-K Alumni Association has grown gradually. During the period under review, we had about 3000 graduates who had signed up as members. The Chapters will be created in specific geographic areas. Chapters will provide opportunities for the alumni to connect and network professionally and socially at a variety of events.

Focus areas

The main focus areas for an Alumni Association are:

- i. To use local chapters in the promotion of interests and needs of the University.
- ii. To keep the alumni informed of university programmes and progress through regular meetings.
- iii. To encourage promising students to choose TU-K.

Developments

An Alumnus of TU-K was listed as one of the speakers during the 1st graduation ceremony held on Wednesday 18th December 2013. The speakers gave inspirational speeches to the graduates. They were encouraged by the speakers to follow their passion and work towards it. Through this event, our alumni were able to give back to TU-K through mentoring and the sharing of knowledge and insights. The Students Union officials visited Alumni office and requested that the relationship between the alumni and current students should be maintained through mentoring programmes. The goal of the programmes is to foster effective and beneficial partnerships between students and alumni.

Achievements

During the period under review, the Alumni Association was allocated an office at the Administration Block Building, Second Floor, Room L21 to conduct its activities.

The Alumni Office went on to create an online networking platform to enable the members to connect among themselves through social media. Twitter and Facebook became fan pages of the official Alumni Association. Social networking pages provide an opportunity for members to keep in touch with old friends and to meet new people as well.



CHAPTER THREE

DIVISION OF TECHNOLOGY, INNOVATION AND PARTNERSHIPS (TIP)

The Division is headed by a DVC and is expected to promote the application of technology in teaching, research, and the general running of the university, as well partnerships with industry, peer institutions, and the community. The Division comprises the Departments of University-Industry Partnerships, TVET Programmes and Partnerships, International and Community Engagement, Institutional Advancement and Development, Enterprise Services and Consulting, and Innovation and Technology Park.

The Division is established to focus on the promotion of partnerships and linkages with industry and professional bodies. The activities of the Division are organised into three broad areas, namely; university-industry partnerships, partnerships with professional organisations, and industry-based learning.

The Technology, Innovation and Partnership Unit co-ordinates its activities through its Directorates, as shown below:

1. Global and Community Engagement
2. University Industry Partnerships
3. TVET
4. Institutional Advancement and Development

During the period under review, the Division initiated discussions on Intellectual Property and drafting of a University Consultancy Policy. The aim of the adoption and implementation of the Consultancy policy was to encourage innovation activities among staff and students, and to enable the development of TU-K as a centre of excellence in technological innovations.

The Directorates of University Industry Partnerships and Global and Community Engagement direct the nature of partnerships that the University engages in. For TU-K to attain world class standards, it was necessary to partner and collaborate with other universities and with industry as a means of sharing resources, conducting joint research and to enable staff and student exchange for capacity building.

The Division envisages strategic partnerships as the way forward for TU-K. These are partnerships that fit into the strategic development of TU-K and are of benefit to research, academic and entrepreneurial activities within the University structure. Partnerships are formed at different levels, with both local and international institutions. The Division also undertakes CSR activities on behalf of the University. Activities of the Division during the 2013 to 2014 financial year are indicated in the matrix below.



Some of the items produced at the Engineering workshop

ITEM	ACTIVITIES CARRIED OUT
Signed MoU/ MoA	<p>MoU's signed with local Organisations-</p> <ul style="list-style-type: none"> i. Telkom Kenya Ltd. ii. African Centre for Technology Studies (ACTS) iii. National Youth Talent Academy iv. Kenya Agriculture Production and Agribusiness Programme (KAPAP) v. KATTI vi. International Safety Training Center (ISTC) <p>MoUs signed with international institutions-</p> <ul style="list-style-type: none"> i. Politecnico di Milano, Italy ii. Augsburg University of Technology, Germany iii. Tshwane University of Technology, South Africa
Ongoing discussions for collaboration	<p>Ongoing discussions for partnership with-</p> <ul style="list-style-type: none"> i. Spin Knit Ltd. ii. Centurion Systems Ltd. iii. Boeing iv. DelaRue v. Technical Development Center (TDC) vi. Lundin Foundation, Canada vii. SNV- Netherlands viii. Wisconsin University
Activities of Directorates	<p>University Industry Partnerships</p> <ul style="list-style-type: none"> i. Attended NITA/ UNDP workshop on National Qualification Framework (NQF), and the Kenya National Occupations Qualifications Standards (KNOQS). New partnerships created with UNIDO, CDTF. ii. Discussion on the possible partnership on biomedical engineering and health care services with Training on "Good Manufacturing Practices" to over ten industries who are members of KAM. iii. Participation in training workshop organised by CEITT for fleet management for KPLC staff iv. Participated in KTN and KBC feature on bio-diesel project. This feature was run as a network documentary, and therefore saved the university Sh24 million in terms of advertising and media fees. It provided a good opportunity to market TU-K. The feature has also been posted on the university website. v. Energy Audit- undertaken by KAM, assisted by 2 students and a member of staff. vi. Schlumberger conducted interviews for students and provided subsequent employment of 21 Diploma holders. vii. Received Electronic Spare parts for the purpose of teaching and research from Hotpoint Appliances Ltd. worth Sh1,481, 357.00. Through collaboration with industries. viii. Member of the Steering Committee of UNIDO, EAC I-Pack. ima to promote curriculum and best practice in packaging. <p>Global and Community Engagement</p> <ul style="list-style-type: none"> i. Extension provided to Karungaru Women Group (Kisii), and Dua Njema Group (Kwale) in soap and detergent making. ii. Outreach visit to Heshima Primary School-Donations of a computer and printer and Science textbooks were made. Lunch and fruits were provided to the children. iii. Outreach visit to Tartar Girls' School, Kapenguria-Donations of 20 pcs hotplates, science books worth Sh250,000.00 and sanitary towels worth Sh70,000.00 were made.

ITEM	ACTIVITIES CARRIED OUT
	<p>iv. First TU-K/ secondary school teachers' forum held 17th January, 2014. 11 schools from different counties participated. – Teachers shared the challenges they face in teaching science subjects and brainstormed on how to make science subjects more interesting to students. This was a follow up to presentations made to students in their schools.</p> <p>v. TU-K Participated in Open Day at St. Austin's School, Nairobi – Presentations on courses available at TU-K, and a demonstration of the performance of bio-diesel from waste vegetable oil was done using the TU-K-TU-K.</p> <p>vi. Outreach visit to Githunguri Girls High School, Murang'a. A donation of hotplates was made to the school.</p> <p>vii. Visit to St. Joseph Rapogi High School.</p> <p>viii. Visit to St. Barnabas Girls' High School – A presentation on demystifying science was given and a donation of fifteen (15) hotplates and TU-K prospectus was made.</p>
	<p>Follow up on implementation of MoU with the following institutions-</p> <p>i. Munisch Technische Universiteit, Germany.</p> <p>ii. Vaal University of Technology (VUT), South Africa.</p> <p>iii. Tswane University of Technology (TUT) – Director, GCE visited the Institute of Tooling in TUT. It was agreed that TUT would send over a trainer for between one and three months for specific training to TU-K staff on the different tooling equipment available at TU-K.</p>
Projects	<p>Kenya/ China TVET Project Installation of equipment and CNC machines for mechanical engineering laboratory.</p> <p>Commencement of project- Enlarged Network in Education and Research for a Growing Impact of Sustainable Energy engineering on local development (ENERGISE). Activity 1- administering questionnaires to selected categories of TU-K staff and students to assess available curricula in Energy. Data to be considered during the process of curriculum development, which is one of the expected outcomes of this project.</p> <p>Consultative Group discussions on policies required and related to business development and incubation, technology development, industrial production and intellectual property. – Currently, TU-K does not have policies. Draft policies are being developed to facilitate and streamline innovations and income generating activities of TU-K.</p> <p>TU-K/ Augsburg University jointly applied to DAAD for funding for curriculum development, - a Masters Programme in Creative Media and Design.</p> <p>The Samsung Refrigeration and Air Conditioning Laboratory was launched on 13th August, 2014, to enhance training in refrigeration systems.</p>
TVET	<p>i. Participation in the 2014 TVET fair and Robot contest which was hosted by TU-K.</p> <p>ii. Supervision of construction of Manderla TTI. Waiting to hand over to Manderla County Government.</p> <p>iii. Benchmarking visit by representatives from Cape Coast Polytechnic, Ghana.</p>

ITEM	ACTIVITIES CARRIED OUT
Committees	<p>Gender Committee</p> <ul style="list-style-type: none"> i. Meeting to review activities for the period July to September, 2013. Planning done for activities scheduled for November and December, 2013, and submission of quarterly Performance Contract report. ii. Development of mock website. iii. Development of brochure. iv. Gender Policy – Final revisions done and document submitted to VC. <p>Two (2) gender documents, namely, Rapid Gender Assessment Report and Guidelines for Mainstreaming Gender in IWRM were completed.</p> <ul style="list-style-type: none"> iii. Shooting of footage for mainstreaming gender documentary done.
Reports	<p>Performance Contract</p> <p>Quarterly Reports on activities done during 2013-2014 Performance Contracting period were prepared and submitted.</p>
Conferences/ Seminars attended	<p>Public Lecture on 15th November, 2013 on “Mathematical Ideas in African History and Cultures” by Prof. Paulus Gerdes, Vice President for Southern Africa, African Academy of Sciences, the Chairman, African Mathematical Union Commission for the History of Mathematics in Africa and the President, International Study Group for Ethno mathematics.</p> <ul style="list-style-type: none"> i. Building an International University Brand – Conference organized by Liquid Learning held from 13th – 15th November, 2013 in Dubai. ii. Enlarged Network in Education and Research for a Growing Impact of Sustainable Energy engineering on local development (ENERGISE), held from 4th – 7th December 2013 in Italy. iii. Participated in Oil and Gas Industry Forum held on 7th February, 2014, Nairobi at TU-K Representatives got the chance to meet with local and foreign industry players for exchange of ideas and networking. Attended by DVC, TIP, Director UIP, COD, Chemical and Petroleum Engineering and COD Civil and Construction Engineering. ii. Linking Industry with Academia (LIWA) - Agricultural, Natural Resource and Environment Forum held from 27th to 28th February, 2014. - Mrs Gladys Kituyi represented the institution iii. Training- Introduction to Oil and Gas Industry – by MDT International. Held in Dar-es- Salaam from 10th -11th March, 2014. - Provided insight on management of training Programmes relevant to the oil and gas industry, which is relevant and useful in ongoing collaboration discussions with proposed partners such as LUNDIN Foundation and Schlumberger. Attended by DVC, TIP, Director, UIP, COD Chemical and Petroleum Engineering. ix. UN Women Multi Generational Dialogue - , “Securing equal rights and opportunities for Kenyan women and girls through the MDGs: gains, losses and opportunities”, -6th March, 2014 attended by staff and students. Exposure to dialogue on gender issues and knowledge acquired will assist in Gender mainstreaming. DVC, TIP accompanied the students. x. Innovations by staff and students in Mechanical Engineering were presented at the National Science, Technology and Innovation Week exhibition held from 19th to 23rd May, 2014. Innovations done during 2013/2014 include-

ITEM	ACTIVITIES CARRIED OUT
	a. Development of Bio-diesel from used vegetable oils and fats - Dr Ogur/ Dr Betty Mbatia b. Off-road buggy (prototype) - Dr Ogur c. Solar powered wheelchair - Sammy Simuyu (student) d. Electric powered wheelchair - Eucabeth Moraa (student) e. Waste oil powered furnace - Kibiwot Cherugut (student) xi. Seminar on oil and gas training organised by Energy Services held at Safari Park Hotel from 25 th to 27 th June, 2014. Attended by DVC, TIP.

TVET PROGRAMMES AND PARTNERSHIPS

Banjul, Gambia Conference/CAPA Board Meeting

This Conference was held from 2nd to 8th June 2013, in Banjul, Gambia. The following TU-K members attended the Conference:

1. Mr C.T. Akumu Owuor, Director, TVET Programmes and Partnerships
2. Ms. Catherine Wainaina, Assistant Dean
3. Mr Dalmas O. Owira, Assistant Dean

Mr C.T.A. Owuor represented the Vice-Chancellor at the CAPA Board meeting. The conference theme was "Regional Cooperation in TVET for Sustainable Development in Africa".

CAPA/KATTI Consultative Meeting

This meeting was brought together KATTI and CAPA at the CAPA Secretariat on 2nd October, 2013. In attendance were KATTI Governing Council members led by Mr Edwin Tarno, Chairman, Kenya Association of Technical Training Institutions (KATTI). Mr C.T.A. Owuor, representing the Vice-Chancellor on CAPA Executive Board also attended. The purpose of the Consultative meeting was to identify the immediate areas of need of CAPA and appropriate action that can be taken in collaboration with KATTI and TU-K.

Arusha, Tanzania Conference/General Meeting/CAPA Board meeting 23rd – 30th November, 2013

This meeting was held for the purpose of electing a new Executive Board as per the recommendation of the earlier Conference at Banjul, Gambia. The following TU-K members attended the Conference:

1. Prof. Dr Ing. F.W.O. Aduol - Vice-Chancellor
2. Mr C.T. Akumu Owuor - Director, TVET
3. Mr Joseph Mbugua - Assistant Dean, SABE
4. Ms. Amelea Habby - Ag. Assistant Dean – SCAT

Mr C.T.A. Owuor represented the Vice-Chancellor at both the General and Board meetings. The conference theme was "Aligning Skills to meet the Labour market needs in Africa – Role of TVET". Prof. F. Aduol delivered a keynote address on the role of Engineers and Technologists.

In Saint Sebastian Basque, Spain

The conference was held at Saint Sebastian, Basque, Spain from 28th – 30th May 2014. The theme was “The relevance of Vocational Education and Training regarding the Competivity and Employment”. CAPA nominated Mr C.T.A. Owuor, Director, and TVET, to represent TU-K. The conference focused on the development of quality vocational education and training systems that emphasise competency-based education and training, innovation and enterprise development resulting in promotion of SME’s.

Abuja, Nigeria Conference - June 2014

This was held from the 15th to 21st June 2014 in Abuja Nigeria. The theme of the Conference was “Developing Competent Work Force for Agriculture and Manufacturing Industries in Africa: The Role of TVET”.

The Conference deliberated on:

- i. Regional and National Skills/Vocational Qualifications Framework for the development of competent workforce for agriculture and manufacturing industries.
- ii. Promising Practices in Agriculture, Agro-Allied and Manufacturing Industries
- iii. Youth Participation in Sustainable/Greening Technology Schemes

The following TU-K staff attended the Conference:

1. Mr C. Ondieki, Director of Open Learning and Continuing Education
2. Mr C.T.A. Owuor, Director, TVET Programmes and Partnerships
3. Dr H. Nyagowa, Academic Registrar
4. Dr M. Mwaniki, Chairman, Food Science and Technology
5. Mr C.T.A. Owuor represented the Vice-Chancellor at the CAPA Board meeting

KENYA ASSOCIATION OF TECHNICAL TRAINING INSTITUTIONS RELATED ACTIVITIES**KATTI Regional Conference on TVET**

The Conference was held at Pride Inn Sai Rock Hotel, Mombasa between 25th August, 2013 to 30th August, 2013. This meeting was attended by:

1. Mr B. Mursal - Mombasa T.T.I.
2. Mr C.T.A. Owuor - Director, TVET Programmes
3. Prof. W. Ogola - Director, Industry and Professional Partnerships
4. Ms. C. Wainaina - Assistant Dean, School of Hospitality & Tourism Management
5. Ms. P. Bore - Assistant Dean, School of Pure & Applied Sciences

The theme of the Conference was “TVET IN THE DEVELOPMENT AGENDA OF AFRICA: A PARADIGM SHIFT”.

The conference deliberated on the following:

- TVET resource mobilisation and sustainability
- STI in TVET
- TVET as a strategic career choice
- Matching skill supply and demand

Consultative meeting on implementation of the TVET Policy

The theme of the meeting was “Exploiting the synergy of TVET institutions for Effective Implementation of the TVET Policy and Collective Delivery on Vision 2013”

This conference was organised by TU-K in collaboration with KATTI on Thursday, 3rd October, 2013 at the Kenya Education Management Institute (KEMI). In attendance were Principals of KATTI member institutions, officers from the Directorate of Technical Education, Ministry of Education, Science and Technology and Members of TU-K Senate. The Conference deliberated on the following:

- How the Government can fund TVET Programmes in order to enhance access to TVET for the youth.
- The possibility of introducing Bachelor of Technology Degree Programmes through partnerships.
- Partnering in training at Diploma in Technology level.
- Participation of women in TVET.
- Staff Development for TVET trainers.
- Professional registration of B.Tech graduates.

The conference resolved to form a committee of not more than nine (9) members and its membership be drawn from TU-K and KATTI. The committee was mandated to look into the issues generated and develop appropriate resolutions and the way forward and present a report in due course. Nominated to the committee were:

1. Mr B. Mursal	-	Mombasa TTI	Chairman
2. Dr G. Nyambati	-	TU-K	Member
3. Ms. C. Wainaina	-	TU-K	Member
4. Mr D. Maweu	-	TU-K	Member
5. Mr F. Mbogo	-	Nyeri TTI	Member
6. Mr A. Misoi	-	Ollesos TTI	Member
7. Mr L. Alegwa	-	Bumbe TTI	Member
8. Mr A. Aden	-	Maasai TTI	Member
9. Mr C.T.A. Owuor	-	TU-K	Coordinator

The Committee presented a report to TU-K Management and KATTI Executive Committee on 27.3.2014.

Higher Education Loans Board Training

This was held on the 11th – 15th November 2013 with the aim of The Higher Education Loans Board coming up with new ways of disbursing Loans and Bursaries to TVET students.

The training was attended by:

- Ag Deputy VC-Administration
- Registrar
- Dean of Students
- ICT Manager
- Two student leaders
- Mr C.T.A. Owuor represented TU-K.

TU-K/KATTI MEMORANDUM OF UNDERSTANDING

A Memorandum of Understanding between The Kenya Association of Technical Training Institutions (KATTI) and The Technical University of Kenya (TU-K) was signed on the 4th April, 2014 at the Technical University of Kenya. This paved the way for TU-K collaboration with the TVET institutions in many spheres but importantly in mounting the Bachelor of Technology Degree Programmes at the TVET institutions for holders of Diplomas in Technology and equivalents.

TU-K-CAPE COAST POLYTECHNIC MEMORANDUM OF UNDERSTANDING

The Rector, Cape Coast Polytechnic, Ghana paid a visit to the Technical University of Kenya from Monday, 19th to Friday 23rd May, 2014 to benchmark and discuss the feasibility of collaborating on training.

Subsequently, a Memorandum of Understanding was signed between the Technical University of Kenya and Cape Coast Polytechnic (C-Poly) in September, 2014. This MoU paved the way for collaboration in training of students and staff from C-Poly and initiating staff and student exchange programmes.

MANDERA TECHNICAL TRAINING INSTITUTE

The Technical University of Kenya was given the responsibility of establishing a technical training institute in Mandera starting 2011 and this has been an ongoing process.

A delegation comprising of the following staff members visited Mandera County between the 13-16th of March, 2014.

1. Mr C.T. Akumu Owuor, Director, TVET Programmes and Partnerships
2. Mr Reuben Kabbau, Director, Infrastructure and Facilities Development
3. Mr Philip Ronny, Manager, Infrastructure Development
4. Mr James Mbuthi, Internal Electrical Consultant
5. Mr Fredrick Mujumba, Principal Technical Training Officer, Ministry of Education, Science and Technology.
6. Mr Bashir Mursal, Chief Principal, Mombasa Technical Training Institute.

The purpose of the visit was to inspect the site. The construction work for the Mandera T.T.I. is being handled by M/s Admo Construction Company. This was followed by a visit to the Technical University of Kenya by the Governor of Mandera County on the 6th November, 2014 to discuss the way forward.

A delegation comprising members representing the Ministry of Education, and the Technical University of Kenya, led by the Vice-Chancellor was to visit Mandera on Sunday 2nd November, 2014 for a handing over ceremony. This plan was however cancelled at the eleventh hour because of security concerns. This is still pending.

Benchmarking visit to selected TVET Institutions

Mr C.T.A. Owuor accompanied a technical team led by Science and Technology Principal Secretary, Prof. Collete Suda, in visiting selected institutions in the Rift Valley with a view to establishing models appropriate for developing T.T.I's in Constituencies with none. The following institutions were visited:

- Kipkabus Technical Training Institute
- Rift Valley Technical Training Institute
- Bureti Technical Training College

CHAPTER FOUR

DIVISION OF ADMINISTRATION, PLANNING & INFRASTRUCTURE

The Administration, Planning and Infrastructure Division is responsible for coordination and management of the university's human and physical resources in support of its quest to be a top-rated university of technology. The Division is pivotal in complementing other university units by ensuring that their needs are met to be able to achieve their mandate.

The Division has six directorates namely: Directorate of Human Resource Services, Directorate of Planning and Quality Management; Directorate of Supply Chain Operations; Directorate of Property and Facilities Management; Directorate of Health and Wellness Services and Directorate of University Campus Services.

DIRECTORATE OF UNIVERSITY HEALTH WELLNESS SERVICES

The Technical University of Kenya, through University Health and Wellness Services (UHWS) complied with health related provisions in the Constitution, Employment Act 2006 and the Occupational Safety and Health Act 2007 amongst other legislations.

MAJOR DEVELOPMENTS AND ACHIEVEMENTS

Human Resource Recruitment

During the period under review, the UHWS expanded its human resource base. The university employed diverse categories of medical and paramedical personnel to offer quality services. This included a medical doctor, two medical laboratory technologists, two pharmaceutical technologists and several nurses with skills in areas like counselling, public health and emergency medicine.

Clinical Curative Services

During the period under review, UHWS continued to reach most students and staff members when they needed health services. About 100 patients (both staff and students) were seen daily at the UHWS health centre on outpatient basis. The Department also catered for about 10 inpatients on a monthly basis.

Improvements were noted as the Department made arrangements with Kenyatta National Hospital for automatic admission whenever a student required one. Admission of staff members to other hospitals was also streamlined. A range of clinical services were expanded after the UHWS Laboratory acquired more specialised test kits for biochemistry and microbiology. Diversity was noted in the Pharmacy as drugs for some non-communicable diseases were dispensed.

Health Services

In order to prevent diseases, and promote a healthy lifestyle, the department implemented several programmes, including but not limited to;

- i. Cancer screening drives for staff members e.g. UHWS held cervical and breast cancer screening
- ii. Quarterly Voluntary Counselling and Testing
- iii. Employee assistance programmes against alcohol and drug abuse. UHWS has rehabilitated several staff members hooked to alcohol.
- iv. Health talks on non-communicable diseases were held periodically within that year, this included activities such as diabetes screening.
- v. Training peer counsellors among the students and staff to help in the control of alcohol and drug abuse and HIV/AIDS. Several student and staff peer counsellors were trained.
- vi. Training more than 500 members of staff and students in First Aid, basic fire safety and occupational safety and health
- vii. Emergency rescue services.

Statutory Obligations

Through UHWS, in the year 2013/2014, the university complied with statutory requirements related to health as follows:

- i. The university submitted all the quarterly reports to National Aids Control Council as is required by the HIV/AIDS control and prevention Act, 2007, and TU-K performance contract for that period
- ii. Quarterly reports on Alcohol and Drug Abuse activities were all submitted to National Authority for the Campaign against Alcohol and Drug Abuse (NACADA)
- iii. TU-K complied with the Occupational Safety and Health Act 2007 by registering all its premises as workplace. It also achieved excellent scores in achieving the performance contract requirements of Safety and Health.
- iv. Reports to the District Health Management Team, including Tuberculosis management and diseases profile were all submitted as required on monthly basis.

Professional requirements

- TU-K regularised its health provision by registering its health centre at the Kenya Medical Practitioners and Dentists Board.
- Quality Control was also attained. TU-K Laboratory got affiliated to the International regulating body for standardized measurements - Human Quality Assurance. This ensures accuracy of laboratory results.
- All the Health Service providers at the UHWS were registered and are licensed to practice during the period under review as is required by the respective professional bodies.

Physical Infrastructure

The University expanded its capacity to offer health services to its employees. It expanded the Health Centre to provide space to offer treatment to staff members in a separate area from students. This is for ease of congestion and waiting time for consultation. A house in South B Men's Hostel was provided to UHWS for a health service provider to respond to emergencies during off peak periods, especially at night.

Linkages

UHWS liaised closely with the Starehe District Health Management Team, National Aids Control Council, Malaria Control Programme and NACADA for optimisation of service provision e.g. UHWS has got drug support from such linkages. A good working arrangement with major hospitals was also worked out.

DIRECTORATE OF HUMAN RESOURCE SERVICES

The Directorate of Human Resource Services is responsible for attraction, recruitment, induction and placement of highly qualified and competent faculty and staff. The Directorate also puts in place mechanisms for retaining the human resource and continuous and further training and development of teaching and non-teaching staff.

During the period under review, the university, through the Directorate of Human Resource Services, recruited 54 new staff members and promoted 41 staff members in line with its procedures and regulations. On the other hand 30 members of staff exited the University out of which 8 members passed on, six (6) retired and sixteen (16) resigned.

During the financial year under review, the Directorate developed the Staff Training and Development Policy and reviewed the recruitment and promotion guidelines for administrative and support staff. The minimum entry qualifications and requirements for progression were spelt out.

The Training Policy was developed to support the aims and objectives of the University. Among other things, the policy provides direction on how to plan, manage, and coordinate the training process at the university in a manner that ensures transparency, equity, meritocracy and gender parity. It is also expected that the Policy will enhance the training of staff who will assist in the realisation of such national goals as Vision 2030.

The objectives of the Technical University of Kenya Training Policy are to:-

- i. Ensure that members of staff have the necessary knowledge, skills, competencies and capabilities to perform effectively in their current roles and for personal and career development;
- ii. Establish clear processes for identifying, prioritising, planning and monitoring training to ensure that staff members have equal access to the training according to their assessed needs;
- iii. Strengthen the process of identifying staff for the award of training by ensuring that the selection process is transparent, a balance is created between the staff member's desire to maximise their potential and for the university to get a return on its investment;
- iv. Establish clear roles and responsibilities for the implementation of the Policy; and ensure that there are mechanisms in place to effectively implement this policy.

NEW APPOINTMENTS 2013/2014 SEE ANNEX III

DIRECTORATE OF PROPERTIES AND FACILITIES MANAGEMENT

This Directorate is responsible for expansion and maintenance of the University's facilities to ensure a good learning and working environment. During the 2013/2014 financial year, the university through the Directorate undertook various projects. Repairs and maintenance works were carried out as need arose and based on the maintenance schedule for the year. The table below shows the capital projects undertaken and their level of completion.

	DESCRIPTION	STATUS
1	Block Q : Upgrading of electrical works	95% Complete
2	Block M: Upgrading of Electrical works	95% Complete
3	Block R: Construction of offices, studios, computer rooms for the school of Architecture and Built environment.	95% Complete
4	Block S; Construction of offices, classrooms, computer rooms for the School of Geospatial Science & Engineering.	65% Complete
5	Mandera Campus; Workshop and office Block	100%

DIRECTORATE OF PLANNING AND QUALITY MANAGEMENT

The Directorate of Planning and Quality Management is tasked with all aspects of planning and quality management in line with the university's vision and mission. During the year under review, the Directorate initiated the process of reviewing the Quality Management System based on ISO 9001:2008 Standard to align to the university structures. The Directorate successfully coordinated the performance contract targets and ensured that quarterly reports were timely submitted as required. Evaluation for the performance contract was also done.

During the period under review, a Tracer Study was conducted. The overall objective of the study was to establish the employment opportunities and performance of Bachelor of Technology in Electrical and Electronic Engineering graduates. The aim was to establish the relative performance of these graduates with regard to securing employment and effectiveness in the world of work. The study focused on TU-K graduates who graduated with Bachelor of Technology in Electrical and Electronic Engineering from 2008 to 2011.

Performance contracting

During the year under review, the Directorate coordinated the vetting negotiations for the 2013/2014 performance contract. It also monitored and reported on the implementation progress to relevant Government agencies. 1st, 2nd, 3rd and 4th quarter reports were prepared and discharged. The Directorate also co-ordinated the mid-term performance contract evaluation exercise and the evaluation of 2013/2014 in which the university was rated in the category of Very Good with a mean score of 3.1 out of the possible 5.

ISO certification

- Coordinated the process of aligning the quality manual to the university structure
- Coordinated the training of ISO Champions
- Coordinate the ISO awareness trainings
- Provided Secretariat service to all the ISO teams

Quality Assurance

- Course unit and lecturer evaluation was carried out during the January and April examination series.
- Coordinated the training of self assessment at Programme level in the School of Hospitality and Tourism Management, (Bachelor of Science in Hospitality Management)
- The programme was peer-reviewed by experts drawn from the Inter-University Council of East Africa and provided their findings and feedback.
- Carried out a Tracer Study on Engineering students for the 2008 to 2011 cohorts.

Strategic Plan

- Reviewed the 2010-2015 Strategic Plan to identify gaps for future development of the TU-K 2015-2020 Strategic Plan

DIRECTORATE OF UNIVERSITY CAMPUS SERVICES

The core mandate of this Directorate is to ensure a safe and clean working environment. It also deals with workplace and occupational safety and transport services for both students and staff. In the

2013/2014 financial year the Directorate was able to achieve its mandate to a large extent by ensuring cleanliness and landscaping of the grounds. The Directorate was also able to carry out training sessions for staff on proper cleaning procedures, first aid and occupational safety and health. A number of members of staff were counseled while some were taken for rehabilitation.

During the period under review, the Transport section maintained the university's vehicles through timely repairs and routine maintenance. This also enabled the Department to minimise costs and thus was able to operate within the set budget. To ensure compliance to statutory regulations, the Directorate ensured all vehicles were inspected and fitted with speed governors and safety belts as required.

DIRECTORATE OF SUPPLY CHAIN OPERATIONS

This Directorate coordinates the preparation of annual procurement plans for all directorates and departments in the University and also ensures that all procurement and disposal is done in line with the Public Procurement and Disposal Act, 2005 and other relevant regulations.

During the Financial Year 2013/2014, the Directorate prepared and submitted the Procurement Manual and the Furniture Policy to the University Management for consideration and approval. Training for the Board of Survey Competence/Corporate Governance was conducted by the Federation of Kenya Employers. The Directorate also initiated the implementation of the 30 per cent tender allocation for youth, women and persons with disabilities.



CHAPTER FIVE

FACULTY OF SOCIAL SCIENCES AND TECHNOLOGY

During the period under review, this Faculty was established from the Faculty of Liberal and Professional Studies (FLPS) at KPUC. FLPS was established from the former departments of Business Studies, Graphic Arts, Institutional Management, and Information and Tourism Studies of the Kenya Polytechnic. Each of these Departments was established as a school, albeit with slightly different naming as follows: Business and Management Studies, Creative Arts and Technologies, Hospitality and Tourism Management, and Liberal and Technology Studies (SLTS). The School of Liberal and Technology Studies has functioned as an omnibus school for the social and liberal studies and has consequently covered quite a range of diverse study areas.

I. Structure

The following Schools, Centres and Departments make up the Faculty:

1. School of Business and Management Studies (SBMS)
 - a) Department of Accounting and Finance
 - b) Department of Business Administration and Management
 - c) Department of Entrepreneurship and Technology Management
 - d) Department of Management and Business Systems
2. School of Creative Arts and Technologies (SCAT)
 - a) Department of Music and Performing Arts
 - b) Department of Design and Creative Media
 - c) Department of Fashion and Textile Technology
 - d) Department of Printing and Media Technology
3. School of Hospitality and Tourism Studies (SHTS)
 - a) Department of Hotel and Institutional Management
 - b) Department of Leisure and Event Management
 - c) Department of Tourism and Travel Management
4. School of Information and Communication Studies (SICS)
 - a) Department of Information and Knowledge Management
 - b) Department of Journalism and Media Studies
 - c) Department of Language and Communication Studies
5. School of Social and Development Studies (SSDS)
 - a) Department of Criminology and Legal Studies
 - b) Department of Economics and Public Policy
 - c) Department of Governance and Strategic Studies
 - d) Department of Human and Social Development

6. Centre for Creative and Cultural Industries (CCCI)
 - a) Department of Industrial and Fine Arts
 - b) Department of Performing arts and Culture
 - c) Department of Media and Creative Communications
 - d) Department of Multimedia Arts and Technologies

Staffing

- a) A total of 14 academic staff were awarded doctoral degrees in various disciplines in the Faculty;
- b) New academic and administrative staff who were recruited included 14 PhD holders in School of Hospitality and Tourism Studies, School of Creative Arts and Technologies, School of Social and Development Studies and School of Business and Management Studies at Associate Professor, Senior Lecturer and Lecturer levels.

Workshops and Seminars

- a. The Faculty, through various Schools and Departments, convened:
 - i. 2 internal workshops by the Department of Human and Social Development;
 - ii. 1 music performance workshop and concert featuring visiting scholar-performers from Georgia State University, USA;
 - iii. 1 music research workshop facilitated by a visiting scholar from the University of Victoria, Canada;
 - iv. 1 students' conference by the students of the School of Business and Management Studies.
- b. Staff attended international conferences in Hospitality and Tourism Studies, Technology Transfer and Education (The Hague, Netherlands), Music Education (Porto Alegre, Brazil), Information and Knowledge Management (Dar-es-Salaam).

Student Matters

- a) The Diploma programme graduates progressed on to the Bachelors degree courses in the School of Business and Management Studies, School of Information and Communication Studies and School of Creative Arts and Technologies, ensuring access to higher education for our former TVET students and those from outside;
- b) The new students' intake continues to rise as indicated in the individual departmental reports, including 2 PhD candidates.

Curriculum Issues

The Faculty Academic Board processed and recommended to Senate for approval various Programmes at undergraduate level in the School of Creative Arts and Technologies and School of Social and Developments Studies.

SCHOOL OF INFORMATION AND COMMUNICATION STUDIES

School of Information and Communication Studies has three departments: Information and Knowledge Management, Journalism and Media Studies and Language and Communication Studies.

Programmes offered

In 2013/2014, the School offered three undergraduate Programmes covering Information Science and Journalism and Mass Communication. The School offered three diploma and three certificate Programmes in Library and Information studies, Archives and Records Management, Journalism Public Relations and Photography, Foreign languages, Communication Studies Knowledge Management, Broadcast and Print Media, Publishing and Media.

Enrolment

In 2013/2014, the School enrolled the following numbers:

BTech, Information Studies	57
BSc. Information Science	46
BTech, Journalism and Mass Communication	42
Diploma in Technology (Archives and Records Management.)	13
Diploma in Technology (Library and Information Science)	10
Diploma in Technology (Journalism and Public Relations)	22
Certificate in Archives and Records Mgt	none
Certificate in Library and Information Science	none
Certificate in Photography	none
TOTAL	190

GRADUANDS

In 2013/2014, the following numbers graduated:

Undergraduate	76
Diplomas	189
Certificates	36
TOTAL	301

STAFF

In 2013/2014, the school had the following staff complements;

Professors	none
Ass. Professors	3
Snr. Lecturer	3
Lecturer	8
Assistant Lecturer	5
Tutorial/graduate assistants	2
Technologists	3
TOTAL	24

LINKS AND COLLABORATIONS

1. United States Embassy in Nairobi

RESEARCH

During the 2013/2014 period, the faculty was involved in the following research activity;

1. Dr Ochieng' Orwenjo: Open Resources for English Language Teaching funded by Commonwealth of Learning, Canada.

SELECTED PUBLICATIONS

Books

Kwanya, T., C. Stilwell and P.G. Underwood. 2014. *Library 3.0: intelligent libraries and apomediation*. Cambridge: Chandos Publishing.

Book Chapters

Kingori, G.M., A. Chege and H. Kemoni. 2014. *Re-engineering information literacy Programmes of Nairobi based public and private universities in Kenya*. In: Bwalya, K.J. et al. Eds. *Concepts and advances in Information and Knowledge Management*. Oxford: Elsevier. 143-165. Available from: <http://www.sciencedirect.com/science/article/pii/B9781843347545500087>

Kwanya, T. 2014. *Big data in land records management in Kenya: a fit and viability analysis*. In: Uden, L. et al. Eds. *Knowledge Management in Organisations*. Heidelberg: Springer. 15-24. Available from: http://www.springer.com/cda/content/document/cda_downloadaddocument/9783319086170-c2.pdf?SGWID=0-0-45-1466005-p176836569

Selected Journal Articles

Kwanya, T., C. Stilwell and P.G. Underwood. 2014. *Apomediated marketplace: effective ba for knowledge sharing and learning among local Civil Society Organisations in developing countries*. Information Development. Available from: <http://idv.sagepub.com/content/early/2014/03/07/0266666914521827.full.pdf+html>

Ojuondo, G. and Kwanya, T. 2014. *The role of ICTs in health communication in Kenya*. International Journal of Social Science Research 3(10):1-6.

Kwanya, T. 2014. *The effectiveness of ICT education in schools of journalism in Kenya*. Journal of Mass Communication and Journalism 4(9) doi:10.4172/2165-7912.1000221.

Adams, Y., Maina, M. & Oketch, O. (2014). *Multimodality in Safaricom Advertisement Communication in Kenyan Daily Nation Newspaper*. In Academic Journal of Interdisciplinary Studies Vol. 3, No. 6, November 2014.

Oketch, O. (2014). *Linguistic and Cultural Diversity and Social Change: Potency or Encumbrance?* In International Journal of Arts and Commerce. Vol. 3 No. 5. June, 2014.

Maina, E.N., Kochung, E.J. & Oketch, O. (2014). *Learning Strategies Used by Deaf Students in English Reading Comprehension in Secondary Schools for the Deaf in Kenya: Implications on Academic Achievement*. Educ. Res. 5(4):122-130.

Oketch, O. (2014). *Historical Capsules and Linguistic Architecture in Dholuo Benga Music*. In Singing a Nation: 50 years of Music Education in Kenya. Nairobi: Emak Music services.

Orwenjo, D.O.; Njoroge, M.C.; Ndungu, R.W. and Mwangi, P.W. (Eds) (2014) *Multilingualism and Education in Africa: The State of the State of the Art*. Cambridge: CSP ISBN (10): 1-4438-6222-3, ISBN (13): 978-1-4438-6222-6.

Wanjiku, V., Adams, Y. and Matu, P.M. 2014. *Communication Intricacies in Reality Television Romantic Tujuane Dating Episode*. In Scholars Journal of Arts, Humanities and Social Sciences. 2(4A): 486-493.

Ogada, R., Oracha, P., Matu, P.M. & Tyeng'o, M. 2014. *Languages used in Teaching and Learning English Composition Writing among Learners with Hearing Impairments in Nyanza Province, Kenya*. In International Journal of Social Sciences and Entrepreneurship. 1(12):1-11.

Ogone, J.O. & Matu, P.M. 2013. *Application of the Vitality Test on Small Languages: The Case of Suba in Kenya*. In The African Review Vol. 40, No. 1: 179-202.

Ntalala, S.G. and Orwenjo, D.O. (2014) *"L1 Proficiency in Multilingual Educational Settings: A Case*

- of Pupils in Meru Central District, Kenya ". In Orwenjo, D.O.; Njoroge, M.C.; Ndungu, R.W. and Mwangi, P.W. (Eds) (2014) *Multilingualism and Education in Africa: The State of the State of the Art*. Cambridge: CSP
- Njoroge, M.C.; Mwangi, P.W.; Ndungu, R.W. and Orwenjo, D.O.; (2014) "Multilingualism and Education : The Critical Nexus" *Multilingual Education*, 4:10
- Ong'onda, N. A., Oketch, O. & Ongarora, D. O. (2013). *Prosodic Features in Facebook Communication*. In *International Journal of Academic Research in Progressive Education and Development* Vol. 2, No. 2 April 2013. ISSN: 2226-6348 (print).
- Kodak, B., Oketch, O. & Maina, M. P. (2013). *The Manipulation of Kenyan Television Viewers through the Modes of Signification in Television Advertisements*. In *International Journal of Academic Research in Progressive Education and Development*, Vol. 2, No. 2. April, 2013. ISSN: 2226-6348 (print).
- Ochieng, R. O., Oketch, O. & Ongarora, D. O. (2013). *A Discourse Analysis of Transactional Patterns in Two Health Facilities in Nyanza, Kenya*. In *International Journal of Humanities and Social Sciences*. Vol. 3. No. 1. January 2013. ISSN 2220-8488 (Print), 2221- 0989 (online).
- Afitska, O., Ankomah, Y., Clegg, J., Kiliku, P., Osei-Amankwah, L. and Rubagumya, C. (2013). *Dilemmas of Language Choice in Education in Tanzania and Ghana*. In L. Tikly & A. M. Barrett (Eds) *Education Quality and Social Justice in the South: Challenges for policy, practice and research*, London: Routledge
- Kiliku M. P. And Ngesu, L. M. (2013). *TVET Institutions, Devolved Governance and Youth Training and Employment in Kenya: Exploratory Perspectives*. In *International Journal of Disaster Management and Risk Reduction* Volume 5 Issue 1
- Nzau A. K., Ngesu L. M., Kiliku M. P., Gichohi A. N. and Nthoki E. M. (2013). *The Role on Gender Policy in scaling up girls access to Secondary School Education in Kenya*. In *International Journal of Disaster Management and Risk Reduction* Volume 5 Issue 1
- Kiliku, M. P. (2014). *The Language Factor in the Integration Matrix: The Case of the East African Community*. Altmayer, Claus and Wolff, H. Ekkehard (eds.) *Africa: Challenges of Multilingualism*. Berlin, Peter Lang Publishing Group pp. 107-119
- Kiliku, M. P. (2014). *The Language Council of Eastern Africa: An Idealistic Functional Justification* (Paper presented during the 2nd Annual International Interdisciplinary Conference, held at The Catholic University of Eastern Africa (CUEA), June 25-29, 2013-in Press Nairobi CUEA Publishers)
- December 2014, with Joy Mboya. "Youth and Kenya's Creative Economy: 'Just Joking Under a Tree'", in *Remembering Kenya* Vol. 3: Governance, Citizenship and Economics by George Gona&Mbugua wa Mungai. Twaweza Communications
- April 2014: Participant (as member of Creative Economy Working Group (CEWG) NMK/ACRI (African Cultural Regeneration Institute). *Capacity Building on Culture: Harnessing Culture for Sustainable Development*. NMK, Nairobi.
- March 2014 Presenter, 'Creative Entrepreneurship: Exploring and Unlocking Local, Regional & Global Opportunities'. Creative Economy Working Group Workshop, Naivasha, Kenya.
- March 2014. *East Africa Capacity Building: Understanding the Regional Context of the Creative Economy*. Kampala, Uganda.
- February 2014: Participant, *The Future for the Creative Economy & Advancing Public Media: Trends, Opportunities, Challenges*. Convener: GoDown Arts Centre for Ford Foundation.
- November 2013. 'There was a Country: A final Salute'. Chinua Achebe Residential Research Group: Celebrating the Legacy of Chinua Achebe: *A Critical Reflection on Achebe's Contribution to Africa's Literary Landscape*. University of Pretoria, RSA. (Forthcoming publication, 2015)

PAPERS PRESENTED

- Kwanya, T. and C. Stilwell. 2014. *Infodemiology and infoveillance: using social media to contain health misinformation outbreaks in Kenya*. Paper presented at the AHILA Conference to be held on 20-24 October 2014 in Dar es Salaam, Tanzania.
- Kwanya, T. 2014. *Big data in the management of land records in Kenya: a fit-viability analysis*. Paper presented at the 9th International Knowledge Management in Organisations Conference, held on 1-5 September in Santiago, Chile.
- Kwanya, T. 2014. *The role of libraries and information centres in the realisation of Vision 2030 in Kenya*. Paper presented at the SCECSAL XXI Conference held on 28 July – 1 August 2014 in Lilongwe, Malawi.
- Kwanya, T. 2014. *Library 3.0: intelligent libraries, progressive librarians*. Paper presented at the annual Kenya Library Association International Conference held on 25-27 June 2014 in Nairobi, Kenya.
- Kwanya, T. and Kiplang'at J. 2014. *Kenya's Access to Information Bill, 2013: a critical analysis*. Paper presented at the annual Kenya Library Association International Conference held on 25-27 June 2014 in Nairobi, Kenya.
- Mwai, S. and Kwanya, T. 2014. *Enhancing tourism through indigenous knowledge in Kenya*. Paper presented at the annual Kenya Library Association International Conference held on 25-27 June 2014 in Nairobi, Kenya.
- Oketch, O. Presented a paper titled *Readiness of Teachers in Teaching Indigenous Languages in Lower Primary Schools in Kenya* at the GANAA 2013 Summer School on Practicing Multilingualism in (Higher) Education in Africa, between 23- 27 September, 2013 at University of Pretoria, South Africa.
- November 21st to 28th 2013: Attended and presented a paper at the 5th International Conference on Multicultural in Hangzhou, China
- November 13th to 21st 2013: Attended and presented a paper at the Bayreuth International Alumni Network in Eastern and Southern Africa held in University of Bayreuth, Germany
- September 16th to 24th 2013: Attended and presented a paper at the International Conference on Multilingualism and Education at the University of Pretoria, South Africa.
- The Regional Leadership and Integrity Forum: *Revitalizing the War against Corruption through partnership in a new political Dispensation* in Machakos Social Hall, Machakos July 2013
- Awareness workshop on KS ISO 21542 on BUILDING CONSTRUCTION - *Accessibility and Usability of the Built Environment* in the Garden Hotel, Machakos July 2013
- The 2nd Annual International Interdisciplinary Conference, held at The Catholic University of Eastern Africa (CUEA), June 25-29, 2013
- SSREA workshop on *Research Methodology for University Lecturers of Graduate Programmes* on September 9th to 13th 2013 at the School of Aerospace Sciences Moi University - Rivatex Eldoret.
- A Workshop of M=SWEB and the Full House of the Machakos County Assembly on *'Introduction to M=SWEB Constitution, Role and Mandate'* at the Maanzoni Lodge, Machakos County on January 21st 2014

DEPARTMENT OF PRINTING AND MEDIA TECHNOLOGY

The printing industry in Kenya continues to grow and is rapidly advancing as much as its counterparts elsewhere on the globe. No matter the changes taking place in the world, printing still remains fundamental in the academic and social world. The Department of Printing and Media Technology recognises this great need and is providing appropriate intervention through its curricula in developing skilled, knowledgeable and competent printers and publishers.

Programmes offered

1. Bachelor of Philosophy in Printing.
2. Diploma in Technology in Printing
3. Diploma in Printing and Packaging
4. Certificate in Technology in Printing (Machine Printing, Print Finishing, Print Origination)

We are processing two other syllabi, i.e.

1. Bachelor of Technology in packaging.
2. Bachelor of Technology in Printing.

The syllabi were ready for approval.

In order to achieve our mandate "To train high and middle-level personnel for both public and private sectors" the Department has endeavoured to undertake several steps.

Department Objectives

- To provide curricula that meets the ever changing demands of the society.
- To provide enabling environment for training and teaching, nurture and innovation.
- To provide quality teaching and learning with the use of technology and enhance framework for collaborative engagement with the industry.
- To guide and counsel students for academic progression

Graduation

In 2014, the Department had 108 candidates who qualified for certificates, diplomas and degrees in a graduation ceremony that was held on Thursday, 18th December 2014.

CHAPTER SIX

FACULTY OF ENGINEERING SCIENCES AND TECHNOLOGY

FACULTY OF ENGINEERING SCIENCES AND TECHNOLOGY

In line with the University motto “Education for the real world,” the Faculty of Engineering Sciences and Technology focuses on training engineers, technologists, technicians and artisans for the industry. The Faculty currently hosts over 5000 students studying various engineering and related disciplines namely; Mechanical, Chemical, Civil, and Aeronautical Engineering, Geospatial Sciences, Architecture and the Built Environment. As much as possible, the programmes are linked with industry at every level so as to ensure that students get well grounded in industrial practice. This also gives the industry an opportunity to interact with the young minds for professional mentoring.

SCHOOLS IN THE FACULTY

School of Architecture and the Built Environment

- a. Department of Architecture and environmental design
- b. Department of Survey and Construction Management
- c. Department of Electronic and Computer Engineering
- d. Department of Spatial Planning and Design

School of Electrical and Electronic Engineering

- a. Department of Electrical and Power Engineering
- b. Department of Telecommunication and Information Engineering
- c. Department of Real Estate and Property Management
- d. Department of Automation and Control Engineering

School of Infrastructure and Resource Engineering

- a. Department of Civil and Construction Engineering
- b. Department of Biosystems and Environmental Engineering
- c. Department of Mining and Minerals Engineering
- d. Department of Engineering Economics and Management

School of Mechanical and Process Engineering

- a. Department of Aerospace and Aviation Engineering
- b. Department of Chemical and Petroleum Engineering
- c. Department of Industrial and Manufacturing Engineering
- d. Department of Mechanical and Mechatronic Engineering

School of Surveying and Geospatial Sciences

- a. Department of Geodetic Science and Navigation
- b. Department of Geoinformation and Earth Observation
- c. Department of Land Administration and Information
- d. Department of Surveying Science and Technology

Centre for Engineering Innovation and Production

- a. Department of Innovation and Design
- b. Department of Manufacturing and Production
- c. Department of Commercialization and Enterprise
- d. Department of Technology Transfer and Training

Student Matters

During the period under review, the Faculty hosted over 5000 students studying various Engineering and related disciplines. As much as possible, the programmes were linked with industry through Industry-Based Learning (IBL) at appropriate levels to ensure that students got appropriately grounded in industrial practice.

During the December 2013 graduation, the Faculty was able to graduate the following numbers:-

School	Certificate	Diploma	Degree	Total
SABE	77	85	16	178
SEST	170	306	241	717
SCIT	65	65	-	130
TOTAL	312	456	257	1025

Facilities and equipment

Since inception, the Faculty has continuously sourced for state of the art equipment and lab procedures in order to ensure that students are able to adequately link theory to practice even as they progress through the academic semesters. In addition, the Faculty established collaborations with industry leaders such as Toyota Kenya, Samsung and Safaricom.

APPOINTMENTS

During the period under review, the following appointments were made:-

NAME	POSITION
Prof. Alex Muumbo	Executive Dean of the Faculty and Associate Professor in Mechanical Engineering
Prof. Reuben Marwanga	Associate Professor in the School of Mechanical and Process Engineering
Prof. Sylester Masu	Associate Professor in the School of Architecture and the Built Environment
Prof. Stephen Musyoki	Associate Professor in the School of Electrical and Electronic Engineering.

FEST STAFF DISTRIBUTION IN 2013/2014 FINANCIAL YEAR

School	Department	Prof	Associate Prof.	Snr. Lecturer	Lecturer	Asst. Lecturer	Teaching Asst.	Technologists	Technicians
School of Architecture and the Built Environment	Architecture and Environment Design	0	1	2	4	1	0	1	0
	Construction Economics and Management	0	0	0	0	0	2	4	0
	Land and Infrastructure Management	0	0	0	1	0	0	0	0
	Real Estate and Property Management	0	0	0	0	0	0	2	0
	Urban and Regional Planning	0	0	1	2	0	0	0	0
	Building Science and Technology	0	0	0	3	0	1	2	0
School of Mechanical and process Engineering	Aeronautical and Aviation Engineering	0	0	1	0	0	1	1	1
	Chemical and Processing Engineering	0	0	1	1	0	0	0	0
	Mechanical and Mechatronic Engineering	0	3	0	2	2	8	8	10
School of surveying and Geospatial		1	1	2	5	2	5	3	2
School of Infrastructure and recourse Engineering		0	1	1	6	1	2	5	7
School of Electrical and Electronic Eng.		0	0	0	4	2	6	5	10
Total		1	6	8	28	8	25	31	30

CHAPTER SEVEN

FACULTY OF APPLIED SCIENCES AND TECHNOLOGY

The Faculty is comprised of the following five schools: Biological and Life Sciences, Physical Sciences and Technology, Computing and Information Technologies, Health Sciences and Technology, and Mathematics and Actuarial Sciences. The Faculty was constructed out of the previous Departments of Applied Science, Computer Studies, Mathematics, and Health Sciences in the former Kenya Polytechnic. In the structure adopted for the Kenya Polytechnic University College, these four Departments were basically retained as individual schools, albeit with slightly different names from those previously used at the Kenya Polytechnic.

Of these Departments, the Department of Applied Science was by far the largest and even as it was retained as one school in the structure of KPUC, it was still one of the largest schools in the University College. The establishment of two schools out of the School of Pure and Applied Sciences (SPAS) in KPUC was compelled by the need to have schools of manageable sizes for efficient management.

At the beginning of academic year, the Faculty was in charge of 3 schools namely School of Health Sciences & Technology, School of Mathematics & Actuarial Sciences and School of Pure & Applied Sciences.

During the period under review, the Faculty of Applied Sciences and Technology grew from three Schools namely School of Health sciences and Technology, School of Mathematics and Applied Statistics and School of Pure and Applied Sciences with 15 departments to Five Schools and One Centre namely, School of Biological and Life Sciences, School of Computing and Information Technology, School of Health Sciences and Technology, School of Mathematics and Actuarial Sciences and School of Physical Sciences and Technology and Centre for Science and Technological Studies with 22 departments. Some of the new departments were not operationalized in the year 2013/2014. However, the Schools have been working to ensure that the curricula for the new departments are ready and capacity in terms of staff and equipments is enhanced.

FACULTY MEETINGS

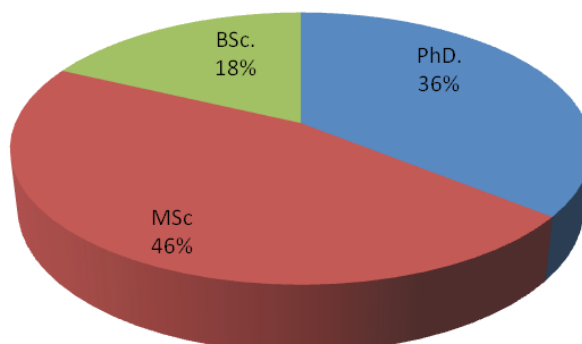
Faculty Board Meetings

In the year 2013/2014, the Faculty Academic Board met eleven times to discuss various issues in the Faculty including curriculum approvals, results and issues affecting staff and students.

Director's Board Meetings

The Board met eight times to deliberate on the issues that needed to be addressed in the Faculty. The chart below shows the distribution of staff according to their highest academic qualification in the Faculty of Applied Sciences & Technology.

Faculty Academic Staff Qualifications in Percent



3.0 Achievements and Challenges

3.1 New Programmes Developed and Discussed

The following new Programmes have been discussed at the Faculty level

3.1.1 School of Biological & Life Sciences (SBLS);

- i. Diploma in Technology (Industrial and Applied Biology)
- ii. Bachelor of Philosophy (Food Science & Technology)
- iii. Master of Science (Applied Biology)
- iv. Master of Technology (Biotechnology)
- v. Master of Science (Forensic Biochemistry)
- vi. Bachelor of Technology (Environmental Biology)

3.1.2 School of Computing and Information Technology (SCIT);

No curriculum was submitted for discussion in the stated period

3.1.3 School of Health Sciences and Technology (SHST);

- i. M.Sc. Community Nutrition
- ii. Bachelor of Technology (Nutrition & Dietetics)
- iii. Bachelor of Science (Nutrition and Dietetics)

3.1.4 School of Mathematics and Actuarial Science (SMAS)

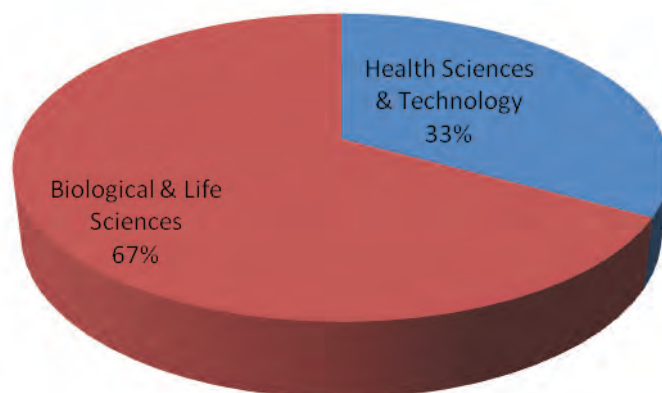
No curriculum was submitted for discussion in the stated period

3.1.5 School of Physical Sciences and Technology (SPST)

No curriculum was submitted for discussion in the stated period

The pie chart below shows new curricula that had been discussed per School.

No. of New Curricula



3.2 Results Discussed and Approved

The Faculty discussed and approved the following number of Programmes as they appear below.

3.2.1 School of Biological & Life Sciences

No.	Department	Approved Programmes
1	Applied & Technical Biology	11
2	Biochemistry & Biotechnology	15
3	Food Science & Technology	5
	TOTAL	31

3.2.2 School of Computing and Information Technology

The School was operating in the Faculty of Engineering and Built Environment (FEBE) and therefore the following results in the year 2013/2014 were approved by the FEBE Board of Examiners.

No.	Department	Approved Programmes
1	Computer Science & Technology	10
2	Information Systems & Technology	25
3	Computer Systems & Communications	5
	TOTAL	40

School of Health Sciences and Technology

No.	Department	Approved Programmes
1	Biomedical Sciences & Technology	5
2	Community & Public Health	7
3	Health & Hospital Service Management	8
4	Human Nutrition and Dietetics	10
5	Pharmaceutical Science and Technology	1
	TOTAL	31

School of Mathematics and Actuarial Sciences

No.	Department	Approved Programmes
1	Actuarial Sciences	3
2	Pure & Applied Mathematics	5
	TOTAL	8

School of Physical Sciences & Technology

No.	Department	Approved Programmes
1	Chemical Science & Technology	7
2	Geography & Earth Sciences	7
3	Physics & Space Science	5
	TOTAL	19

PUBLIC ENGAGEMENTS**Public Lectures**

The Faculty has continually been involved in engaging staff and students through Public Lectures which have been coordinated by the Centre for Science and Technology Studies. The Centre was created and moved under the Faculty of Applied Sciences & Technology in January, 2014 and conducted three public lectures in the year 2013/2014 which were held on the dates listed below:

1. 22nd May, 2014 entitled Real World Vs Theory by Mr Phillip Gachango from Consumer insights and GAP Marketing; Khamyan Mehta from HESE/PSV (University of Pennsylvania).
2. 12th June, 2014 entitled Innovations (What do employers look for? Work Culture, What is career growth? Being self-driven, why 'Google', recruits directly from university? Real life experiences) by Mr Jeremiah Kamau from Google Africa.
3. 26th June, 2014 entitled: How to become successful by Mr Macharia Gaitho of Nation Media Group.

Conferences/seminars attended by members of Faculty

The following staff members attended local and International Conferences in the academic year 2013/2014:

School of Biological & Life Sciences

1. Dr Mecha E. -16 th World Congress on Gynaecological Endocrinology, Florence, Italy. 1 st – 4 th March, 2014. Oral Presentation “Settings of Stromal Stage”
2. Dr Mecha E. - International Giessen Graduate School for Life Sciences Conference, Gissen, Germany, 11 th – 12 th September, 2013. Poster Presentation “The TGF- signalosome in human endometrial and endometriotic cells”.
3. Dr Mecha E. – 2 nd International Scientific Conference, University of Nairobi/Kenyatta National Hospital, Nairobi, Kenya. Oral Presentation “TGF-beta enhances secretion on MMP2/9 and PAI-1 of human endometrial and endometriotic cells.
4. Dr Mercy Mwaniki - Commonwealth Association of Polytechnics in Africa (CAPA) conference in Abuja, Nigeria on 15 th -22 nd June 2014. Conference Theme: “Developing Competent Work-Force for Agriculture and Manufacturing Industries in Africa: The Role of TVET”.
5. Mr Nicholas Nduti (PhD. Student), Africa Perinatal Probiotic Study held at Maanzoni Lodge between 30 th July and 2 nd August 2014.
6. Dr Patrick W. Okanya – 1 st European Conference on Natural Products Conference, Frankfurt, Germany, 21 st - 25 th September, 2013. Poster presentation “Hyafurones, Hyaladione and S-methylf Cyclohexadiene-dione from Myxobacterium Hyalangium minutum”
7. Patrick W. Okanya, Alexander von Humboldt (AvH) colloquium, Safari Park, March, 2014. Poster presentation. “Hyafurones, Hyapyrrolines and Hyapyrones: Polyketides from Hyalangium minutum”
8. Dr Vitalis Wekesa participated in the “Regional Experts Workshop on Development, Regulation and use of Bio-pesticides in East Africa”, 22 nd – 23 rd May, 2014, at the Boma Hotel, Nairobi, Kenya. Workshop was organized and hosted by Bio-Innovate Africa.
9. Prof. Dorcas Yole participated in the “International Women Day Multi-Generational Dialogue” at UN Complex, 4 th March, 2014.
10. Prof. Dorcas Yole participated in the “19 th International Scientific Conference” at the Southern Sun, Mayfair Nairobi, Kenya, and 11 th to 13 th September, 2013. She presented a paper on “Antischistosomal and Molluscicidal effect of selected Medicinal Plants Extracts”.
11. Prof. Dorcas Yole participated in “Gender Analysis and Gender Mainstreaming with special emphasis on Science Technology and Innovation”, 14 th – 15 th February 2013.

School of Computing & Information Technology

1. Elizabeth M. Muli and Tabitha M. Kihara (2013). The Potential benefits of Virtualization to enhance integration of Government Ministries in Kenya, in the 9th Operations Research Society of Eastern Africa (ORSEA) International Conference - October 17-18, 2013, Entebbe, Uganda

School of Health Sciences & Technology

1. Dr Tammary Esho – “The Oxford Course” at the Oxford School of Sexual Medicine, organized by the European Society of Medicine held at Best Western Hotel, Budapest Hungary from 11 th to 20 th August, 2013.
2. Dr Naomi Waiganjo (School of Health Sciences & Technology) – International Scientific Conference on “Basic and Clinical Research for Improved Health. Held in Southern Sun, Mayfair, Nairobi between 11 th and 13 th September, 2013.
3. Dr Naomi Waiganjo (School of Health Sciences & Technology) – Two weeks immunology course, held at the Uganda Virus Research Institute in Entebbe Uganda between 2 nd and 13 th September, 2013.
4. Nyambati G. K (School of Health Sciences & Technology) – 19 th International Scientific Conference on “Basic & Clinical Research of Improved Health” held at Southern Sun, Mayfair Nairobi in September, 2013.

School of Physical Sciences & Technology

1. Mr Charles Wangati (School of Physical Sciences & Technology) – Participated in the 2014 Physics Society of Kenya (PSK) Conference held at the United Kenya Club on 6 th March 2014.
2. Prof. Paul Baki (School of Physical Sciences & Technology) – The IAA Space Exploration Conference & Heads of Space Agencies Summit held in Washington DC, between 9 th and 10 th January, 2014
3. Prof. Joseph Lalah (School of Physical Sciences & Technology) – Research Visit in Munich, Germany held between 2 nd July and 30 th September, 2013
4. Samson Gurema and Lucy Gathii (School of Physical Sciences & Technology) – Training on Atomic Absorption and UV-Visible Spectrophotometers facilitated by Chroma Africa LLC Training held between 19 th and 23 rd August, 2013
5. Lucy W Gathii (School of Physical Sciences & Technology) – Workshop for editing the harmonized Craft Certificate Syllabus in Science Laboratory Technology at the Kenya Institute of Curriculum Development, Nairobi held between 1 st and 12 th July, 2013
6. Dr John Mbugua (School of Physical Sciences & Technology) – 14 th WaterNet Symposium Transboundary held in Dar es Salaam Tanzania between 29 th September and 2 nd October, 2013

The table below shows Conferences/Seminars/Workshops attended by members of staff in their respective Schools:

No.	School	No. Per School	Cumulative No.
1	Biological & Life Sciences	11	11
2	Computing & Information Technology	1	12
3	Health Science & Technology	4	16
4	Physical Sciences & Technology	6	22
	TOTAL	22	

Internal Conferences/Seminars Attended by Faculty Staff

The following staff members participated in Internal Conferences organized by TU-K in the academic year 2013/2014:

School of Biological & Life Sciences

1. Dr Vijay Adolker, Keynote Speech: Development of eco-friendly beneficial insect based microenterprise for income generation and biodiversity conservation. Presented at the 2nd Technical University of Kenya Science Technology Innovation and Research Conference at KICD between June 24th and 27th 2014

School of Computing & Information Technology

Ojenge Winston, Okello Odongo William & Ogao Patrick. Neural Networks to predict busy times of cellular traffic for assignment to TV idle channels by cognitive radio. Presented at the 2nd Technical University of Kenya Science Technology Innovation and Research Conference at KICD between June 24th and 27th 2014

School of Health Sciences & Technology

Nyambati G. K., Lagat Z. O., Maranga R. O., Samuel M. Ozwar H. Inv vitro anti-plasmodial activity of *Rubia cordifolia*, *Harrizonia Abyssinica*, *Leucas calistachys* Olive and *Sanchus sschwein furthii* presented at the 2nd Technical University of Kenya Science Technology Innovation and Research Conference at KICD between June 24th and 27th 2014.

School of Physical Sciences & Technology

1. Odipo Osano, Benard Omambia & Joseph Lalah, Concomitant Effects of Agriculture and Industries on Feral *Xenopus Laevis* in Lake Victoria Basin in Kenya presented at the 2nd Technical University of Kenya Science Technology Innovation and Research Conference at KICD between June 24th and 27th 2014.
2. Humphrey Lumadede Mudoga, Prof. Jondiko J. l. & Prof. Lalah J. O. Production and Evaluation of Activated Carbon from Bagasse and Water Hyacinth. Presented at the 2nd Technical University of Kenya Science Technology Innovation and Research Conference at KICD between June 24th and 27th 2014.
3. Dr David Otwoma, Key note speech: Renewable Energies and Fast Built Power Plants: What's not told? Presented at the 2nd Technical University of Kenya Science Technology Innovation and Research Conference at KICD between June 24th and 27th 2014.

The table below shows Internal Conferences/Seminars/Workshops attended by members of staff in their respective Schools:

	School	No. Per School	Cumulative No.
1	Biological & Life Sciences	2	2
2	Computing & Information Technology	1	3
3	Health Science & Technology	1	4
4	Physical Sciences & Technology	3	7
	TOTAL	7	

Publications by Faculty Staff

The following staff members published their research papers in peer reviewed journals/books in the academic year 2013/2014:

SELECTED PUBLICATIONS IN JOURNALS/BOOKS BY MEMBERS OF STAFF IN FAST

A) SCHOOL OF BIOLOGICAL & LIFE SCIENCES	
1.	Allan L.A., Kutima H.L., Muya S., Ayonga D. & Yole D. (2014). The efficacy of an herbal drug, Schitozim over Praziquantel in management of <i>Schistosoma mansoni</i> infection in BALB/c mice. <i>Journal of Biology, Agriculture and Health</i> . Vol. 4(1).
2.	Agola E. Lelo, David N. Mburu, Gabriel N. Magoma, Ben N. Muingai, Jimmy Kihara, Ibrahim N. Mwangi, Geoffrey M. Maina, Joseph M. Kinuthia, Martin W. MuTU-Ku, Erics S. Loker, Gerald M. Mkoji, Michelle L. Steinauer. (2014). No Apparent reduction in Schistosoma burden or genetic diversity following four years of School-Based Mass Administration in Mwea, Central Kenya, a heavy transmission area. <i>PLOS Neglected Tropical Diseases</i> . 2014. DOI: 10.37/journal.pntd.000221.
3.	Elizabeth Syombua Michael, Dorcas Yole, Mutie Fredrick Musila, Hellen Kutima, Patrick Kareru (2013). Assessment of molluscidal, Cercaricidal and Miracidial Activities of Crude Extracts of <i>Azadirachta indica</i> and <i>Entada leptostachya</i> . <i>Journal of Biology, Agriculture and Healthcare</i> . Vol.3. No.5
4.	Imbahale S.S., Abonyo O.K., Aduogo, O.P., Githure J.I., Mukabana W.R. (2013). Conflict between the need for income and the necessity of controlling endemic malaria. <i>Ecosystem & Ecography</i> 3(3)
5.	Kagendo D., Magambo J., Agola L.E., Njenga S., Zeyl E., Mulinge E., Gitonga P., Mbae C., Muchiri E., Wassermann M., Kern P., Romig T. (2014). A survey for <i>Echinococcus</i> spp. Of carnivores in six wildlife. <i>Parasitology International</i> 63(4): 604-611.
6.	Mecha E., Omwandho C.A., Sui C., Tinnerberg H.R., Konrad L. (2013). TGF-beta apoptosis and Smad-dependent pathway in endometrial and endometriotic cells. <i>Journal of Reproductive Medicine and Endocrinology</i> 10:295.
7.	Moilo J.M., Keriko J.M., Yole D.S. & Mkoji G.M. (2014). Determination of Anti-schistosomal Finger Profiles of <i>Chenopodium ambrosoides</i> Crude Extracts in BALB/c Mice Using Thin Layer Chromatography (TLC). <i>Journal of Chemistry and Material Research</i> . Paper accepted for publication.
8.	Moilo J.M., Mkoji G.M., Yole D.S. & Keriko J.M. (2014). Determination of <i>Chenopodium ambrosoides</i> Crude Extracts on Worm Reduction, Gross Pathology & Histopathology in BALB/c Mice. <i>Journal of Natural Science Research</i> . Paper accepted for publication.
9.	Moilo J.M., Yole D.S., Keriko J.M. & Mkoji G.M. (2014). Anti-schistosomal Activity of <i>Chenopodium ambrosoides</i> Extracts in Adult Worms in vivo and in vitro. <i>Journal of Biology, Agriculture and Healthcare</i> .
10.	M. M. Mururu, A. W. T. Muigai, C. Kimwele, E. Gatebe, J. Kinuthia, M. Mwaniki, F. Gakuya, E. Kwamboka, D. Mbugua. (2013) Cytochrome oxidase 1 gene and its application in wildlife forensics in Kenya. <i>Fire Journal of Natural and Applied Sciences</i> 1(3): 108-119.
11.	Naomi Waiganjo, Yole D, Ochanda H (2014). Immunological Responses of Mice after Treatment with <i>Ocimum americanum</i> hexane and <i>Bridelia micrantha</i> Water Plant Extracts. <i>IORS Journal of Dental and Medical Sciences</i> . Vol.13 (3):9-12.
12.	Naomi Waiganjo, Yole D, Ochanda H (2014). Antischistosomal activity of five plant extracts on Swiss white mice infected with <i>Schistosoma mansoni</i> . <i>IORS Journal of Pharmacology and Biological Sciences</i> . Vol.3(9):49-53
13.	Naomi Waiganjo, Horace Ochanda, Dorcas Yole (2013). Phytochemical analysis of the selected five plant extracts. <i>Chemistry and Materials Research</i> . Vol. 3 No.9.
14.	S. Njoroge, A. W. T. Muigai, P. N. Njiruh and S. Kariuki (2013). Molecular Characterization and microbial Resistance patterns of <i>Escherichia coli</i> isolates from goats slaughtered in parts of Kenya East Africa. <i>African Medical Journal</i> Vol. No. 1:30-41
15.	P.W. Okanya, K.I. Mohe, K. Gerth, Wolfgang Kessler, R. Jansen, M. Stadler & R. Muller (2014). Hyafurones, Hyapyrrolines and Hyapyrones: Polyketides from <i>Hyalangium minutum</i> . <i>Journal of Natural Products</i> 77 (6): 1420-1429. dx.doi/10.1021/np500145f.
16.	Thiago Rodrigues de Castro, Vitalis Wafula Wekesa, Rafae; de Andrade Moral, Clarice Garcia Borges Demetrio, Italy Delalibera Jr, Ingeborg Klingen (2013). The effect of photoperiod and light intensity on the sporulation of Brazilian and Norwegian isolates of <i>Neozygites floricola</i> . <i>Journal of Invertebrate Pathology</i> 114:230-233.
17.	Vivek Kumar, Vitalis W. Wekesa, Pasco B. Avery, Charles A. Powel, Cindy L. McKenzie (2014). Effect of pollens of various ornamental pepper cultivars on the development and reproduction of <i>Amblyseius swirskii</i> (Acari: Phytoseiidae). <i>Florida Entomologist</i> 97(2): 367-373.
18.	Mecha E. (2014). Natural killer cells as potential markers for HIV/AIDS progression. ISBN 978-3-7357-7556-3
19.	Mecha E. (2014). Characterization of Transforming Growth factor beta signalosome and TGF-beta dependent endometrial cell proliferation. ISBN 978-3-8359-6174-6.

B) SCHOOL OF COMPUTING & INFORMATION TECHNOLOGIES

20. Elizabeth M. Muli, and James Kimutai (2014), Adoption of Cloud Computing for Education in Kenya Universities: Challenges & Opportunities, in the 2nd International Conference on Emerging and Future Information Communication Technologies (ICEFICT), Beyond Connectivity: Sustainability through Innovation, June 11th to 12th 2014, Nairobi, Kenya

C) SCHOOL OF HEALTH SCIENCES & TECHNOLOGY

1. James Nyabuga Nyariki, John Kibuthu Thuita, Grace Kemunto Nyambati, Alfred Orina Isaac (2014), Coenzyme Q10 prevented full blown splenomegaly increased malarsoprol-induced reactive encephalopathy in mice infected with trypanosoma brucei rhodesiense. Journal of Coastal life Medicine 2014; 2(3)
2. Khalid Rashid, Francis Wachira, James Nyariki, Alfred O. Isaac (Jan 2014) Kenyan Purple Tea Antocyanins and Co-enzymes- Q₁₀ Ameliorate Post Treatment Reactive Encephalopathy Associated with Cerebral Human African Trypanosomiasis in Murine Model. Parasitology International: 63/2:417-426-DOI information
3. Koech K. R. Wachira F. N. Ngure R. M. Orina Isaac A. Wanyoko J. K., Bii C., Karori S. M. (2013) Antifungal Activity of Crude Tea Extracts. African Journal of Agricultural Research
4. Musasia K. Fauzia, Isaac Orina Alfred, Masiga K. Daniel, Omedo A. Irene, Mwakubambanya Ramadhan, Ochieng Richard, Mireji O Paul (2013), Sex-specific induction of CYP36 cytochrome P450 genes in cadmium and lead tolerant Anopheles gambiae. Malaria Journal 12:97
5. Waiganjo N. N., Nganga Z. & Binopal Y. (2013). Development and Comparison of Capture enzyme-linked immunosorbent assay and indirect immunofluorescent test in determination of Nairobi Sheep disease Virus. Journal of Biology Agriculture and Healthcare, Vol. 3 No. 9
6. Waiganjo, N. N., Ochanda H., & Yole D. S. (2013), Phytochemical Analysis of the selected five plants extracts. Journal of Chemistry and Material Research. Vol. 3 No. 9
7. Waiganjo N. N., Yole D. S., & Ochanda H. (2014), Anti-Schistosomal activity of five plants extracts on Swiss white mice infected with Schistosoma mansoni. Journal of Pharmacy and biological Sciences Vol. 9 issue 1
8. Waiganjo N. N., Yole D. S. Ochanda H. (2014), Immunological responses of mice after treatment with Ocimum americanum hexane and Bridelia micrantha water plant extracts. Journal of Dental & Medical Sciences Vol.13 Issue 3
9. Nyambati G. K., Lagat Z. O., Maranga R. O., Samuel M. Ozwara H. (2013). Inv vitro anti-plasmodial activity of Rubia cordifolia, Harrizonia Abyssinica, Leucas calistachys Olive and Sanchus schweinfurthii Medicinal plants. Journal of Applied Pharmaceutical Science Vol.3
10. Murungi E., Kariithi H. M., Adunga V., Obonyo M., Christoffels A. (2014), Evolution and Structural Analysis of Glossina morsitans (Diptera: Glossinidae tetraspanins), Insects 5 885-908
11. Murungi E., Adunga V., O'Reilly A. J., Dacks J. B., Field M. C., and Christoffels A. (2013), A comparative analysis of trypanosomatid SNARE proteins. Parasitology International 63 341-348

D) SCHOOL OF MATHEMATICS & ACTUARIAL SCIENCES

1. V. M. Kitetu, T. T. M. Onyango, J. K. Kwanza and N. M. Mutua (2013), Determination of one dimensional temperature distribution in metallic bar using green's function method, American Journal of Applied Mathematics Vol. 1 (4)
2. W. Nondi, T. T. M. Onyango and N. B. Okello (2014), The dual reciprocity boundary element method and numerical solutions of one-dimensional transient heat transfer problem, International Journal of Engineering & Scientific Research, Vol. 2 issue 2 ISSN2249-0558
3. W. Nondi, T. T. M. Onyango and N. B. Okello (2014). Determination of Solutions of one-dimensional transient heat transfer by dual reciprocity boundary element method. International Journal of Engineering & Scientific Research Volume 4 Issue 2, ISSN2249-0558

Postgraduate Students Supervision

Members of staff have been involved in supervising postgraduate students admitted in the Faculty. Below is a list of students showing members of staff in the Faculty supervising them.

a) School of Biological & Life Sciences

1. Mr Henry H. Muchura – Department of Applied & Technical Biology, Supervised by Prof. D. Yole and Dr Susan Imbahale.
2. Ms. Benter A. O. Onyango – Department of Applied & Technical Biology, Supervised by Prof. D. Yole and Dr Susan Imbahale.
3. Mr Gabriel Muthee Marete – Department of Geography & Environmental Sciences, supervised by Prof. J. Lalah, Dr Mputhia & Dr Vitalis Wekesa.
4. Mr Nicholas N. Nduti – Department of Food Science & Technology, Supervised by Dr Mercy Mwaniki, Dr Patrisio Njeru and Prof. Gregor Reid.

b) School of Health Sciences & Technology

1. Mr Shadrack Oyie Okoth – Department of Nutrition & Dietetics supervised by Dr Victor Owino

c) School of Physical Sciences & Technology

1. Mr Ian Kaniu Muchai – Department of Physics & Space Sciences, Supervised by Prof. L. M. Muia and Dr Angeyo H. Kalambuka.
2. Mr Charles C. Wangati – Department of Physics & Space Sciences, Supervised by Prof. L. M. Muia, Prof. Okumu and Prof. Peter Karanja.
3. Mr Gabriel Muthee Marete – Department of Geography & Environmental Sciences, supervised by Prof. J. Lalah, Dr Mputhia & Dr Vitalis Wekesa.

The table below shows Postgraduate Supervisions by members of staff in their respective School:

	School	No. Per School	Cumulative Frequency
1	Biological & Life Sciences	4	4
2	Health Science & Technology	1	5
3	Physical Sciences & Technology	3	8
	TOTAL	8	

Research Funding

The following members of staff attracted research funding in the year 2013/2014:-

1. **Benter Onyango:** The Technical University of Kenya. Project title "Evaluation of larvicidal activity of plant fractions towards development of biopesticide". Project funded by NACOSTI in June 2014 – KShs 800,000/.
2. **Edward Okonjo:** The Kenya Polytechnic University College. Project title "Integrated schistosomiasis control - a case study of Mwea irrigation scheme, Kenya". Project funded by NACOSTI in June 2014 – KShs 1,150,000/.

Admissions

In the academic year 2013/2014, 1416 students were admitted to the Faculty of Applied Sciences and Technology to pursue various courses in the respective schools and departments as tabulated below:

3.5.1 School of Biological & Life Science

	Department	Certificate	Diploma	Bachelor
1	Applied Technology Biology	25	55	123
2	Biochemistry & Biotechnology	-	12	82
3	Food Science & Technology	-	-	54
	TOTAL	25	67	259

3.5.2 School of Computing & Information Technology

	Department	Certificate	Diploma	Bachelor
1	Computer Science & Technology	10	-	72
2	Information Systems & Technology	46	32	70
	TOTAL	56	32	142

3.5.3 School of Health Sciences & Technology

	Department	Certificate	Diploma	Bachelor
1	Biomedical Lab Science & Technology	-	37	69
2	Community & Public Health	24	82	7
3	Human Nutrition & Dietetics	49	44	57
4	Pharmaceutical Science & Technology	-	32	-
	TOTAL	73	192	133

3.5.4 School of Mathematics & Actuarial Sciences

	Department	Certificate	Diploma	Bachelor
1	Pure & Applied Mathematics	-	-	77
2	Industrial & Engineering Mathematics	-	-	-
3	Statistics & Actuarial science	-	24	70
	TOTAL	-	24	147

3.5.5 School of Physical Sciences & Technology

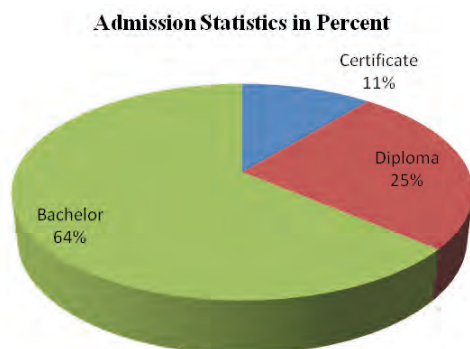
	Department	Certificate	Diploma	Bachelor
1	Chemical Science & Technology	-	28	115
2	Geography & Environmental Science	-	15	45
3	Physics & Space Science	-	-	58
	TOTAL	-	43	218

3.5.6 Summary of Admissions in the Faculty

The following are the total admissions in the Faculty for the year 2013/2014

	Certificate	Diploma	Bachelor
FAST Totals	154	358	899

The chart below shows a percent of admission statistics of students in the Faculty for the various awards.



3.6 Graduation

In the year 2013/2014 statistics, the Faculty graduated 495 students for the various awards. The students were in three schools as listed below and were distributed for award of Certificates and Diplomas, 166 and 306 respectively. Twenty three students were conferred with the Degree of Technical University of Kenya

3.6.1 School of Health Science and Technology

	Department	Certificate	Diploma	Bachelor
1	Biomedical Lab Science & Technology	-	43	-
2	Community & Public Health	-	38	-
3	Health & Hospital Service Management	40	13	-
4	Nutrition & Dietetics	63	47	-
	TOTAL	103	141	-

3.6.2 School of Mathematics and Statistics

	Department	Certificate	Diploma	Bachelor
1	Pure & Applied Mathematics	-	49	-

3.6.3 School of Physical Science & Technology

	Department	Certificate	Diploma	Bachelor
1	Biochemistry & Biotechnology	-	19	3
2	Biological Sciences & Technology	51	15	18
3	Chemical Sciences & Technology	4	53	2
4	Earth & Environmental Sciences	8	27	-
5	Applied & Technical Physics	-	1	-
6	Food Science & Technology	-	1	-
	TOTAL	63	116	23

Staff Development**Completion of Doctor of Philosophy**

The following members of staff completed their PhD studies in the 2013/2014 Academic Year

1. Dr Jane Bosibori Oteki – Doctor of Philosophy in Education, Rhodes University

Completion of Masters Degree

The following members of staff completed their Masters Degree in the 2013/2014 Academic Year

1. Mr Duke Kenguru Matoke – Master of Science (In Applied Mathematics), University of Nairobi
2. Mr Peter Kipkoech Cherutich – Master of Science in Actuarial Science), University of Nairobi
3. Lucy Waigwe Gathii – Master of Science (Applied and Analytical Chemistry), Kenyatta University
4. Margaret Muria Mwaura – Master of Science (Renewable Energy), Kenyatta University

Completion of Bachelors Degree

The following members of staff completed their Bachelors Degree in the 2013/2014 Academic Year

1. Mathew Mumo Sila – Bachelor of Philosophy in Applied Biology – Technical University of Kenya
2. Mwalimu Daniel Wambua – Bachelor of Philosophy in Applied Biology – Technical University of Kenya

PROMOTIONS & NEW APPOINTMENTS**Promotion**

The following members of staff were promoted to the respective positions in the academic year 2013/2014:

1. Peter Cherutich in the School of Mathematics & Actuarial Sciences was promoted to the position of Assistant Lecturer.
2. George Kahiga in the School of Mathematics & Actuarial Sciences was promoted to the position of Assistant Lecturer.
3. Duke Matoke in the School of Mathematics & Actuarial Sciences was promoted to the position of Assistant Lecturer.
4. John Erick Okatch in the School of Computing and Information Technology was promoted to the position of Senior Technician.
5. Elizabeth M. Muli in the School of Computing and Information Technology was promoted to the position of Senior Technician.

New Appointments

The following members of staff were hired in the Academic year 2013/2014:

a) School of Biological & Life Sciences

1. Dr Patrick S. Okanya – Lecturer
2. Dr Gathinji Mwaniki – Senior Lecturer

b) School of Health Sciences & Technology

1. Dr Victor Ochieng Owino – Senior Lecturer
2. Dr Evans Buliva – Lecturer
3. Dr Tammary Esho – Lecturer
4. Dr Edwin Murungi – Lecturer
5. Ms. Alice Achieng Ojwang – Lecturer

c) School of Mathematics & Actuarial Science

1. Dr Pius Nderitu Kihara - Lecturer
2. Dr Mark Kimathi - Lecturer
3. Ms. Beth Karatu - Assistant Lecturer

d) School of Physical Sciences & Technology

1. Prof. Jackson Odote - Associate Professor
2. Dr David Otwoma - Lecturer
3. Dr Claire Muhanji - Lecturer
4. Dr Florence Oloo - Senior Lecturer
5. Dr Geoffrey Otieno - Lecturer

The table below show cumulative number of staff hired in their respective schools

	School	No.	Cumulative frequency
1	Biological & Life Sciences	2	2
2	Health Science & Technology	5	7
3	Mathematics & Actuarial Sciences	3	10
4	Physical Sciences & Technology	5	15
	TOTAL	15	

STUDY LEAVE

a) Return from Study Leave

The following one member of staff returned from study leave:

1. John Mbugua Mwai - School of Physical Science & Technology

b) Proceeded on Study Leave

The following members of staff proceeded on study leave

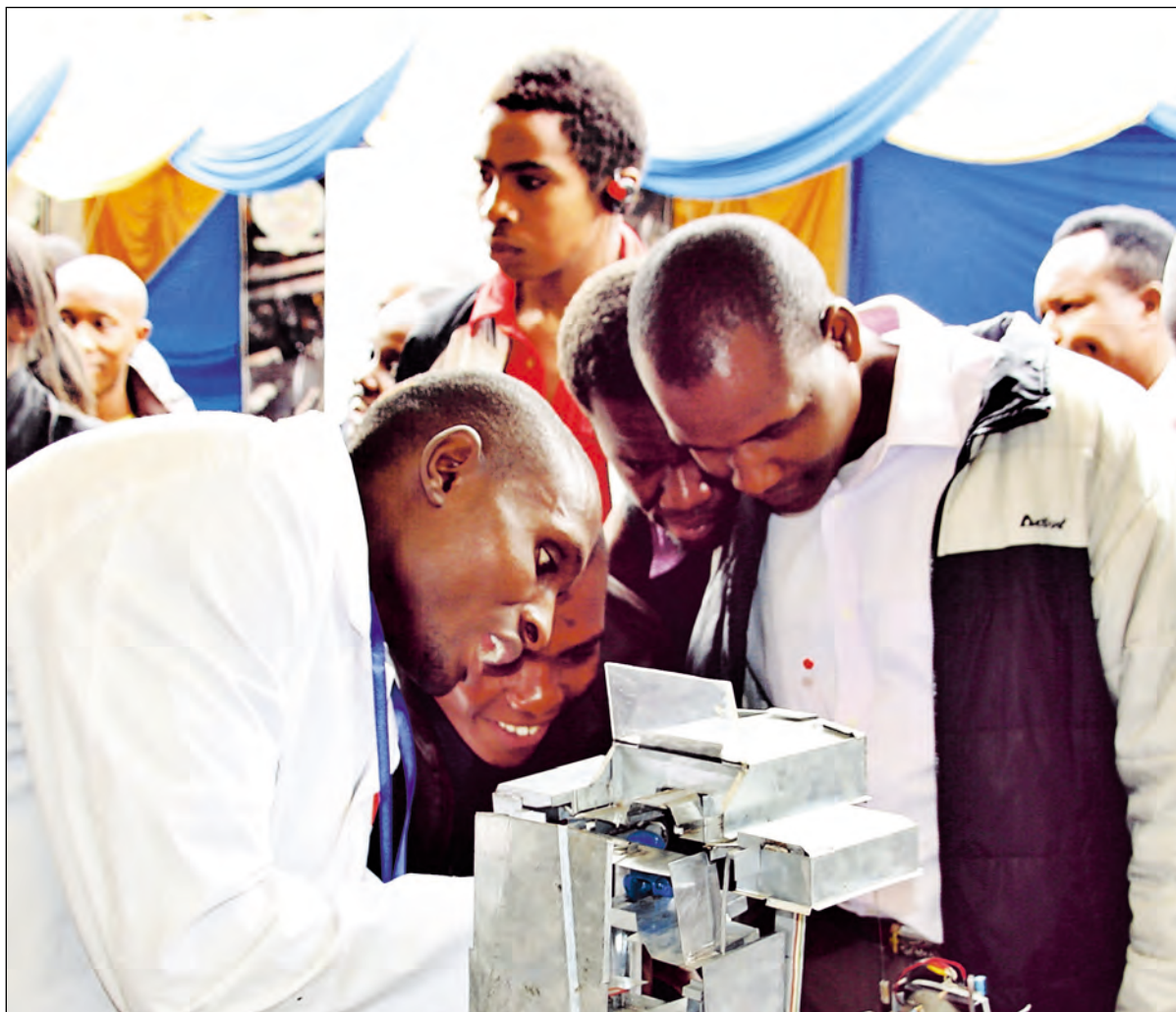
1. Ms Angeline Akello Kasina - School of Physical Sciences & Technology
2. Ms. Lydia Gachahi - School of Physical Sciences & Technology

CHAPTER EIGHT

THE FINANCIAL REPORT

THE FINANCIAL REPORT

During the year under review, the University recorded a surplus of KSh46,785,237 out of total income from Government, donors, internally generated funds all amounting to KSh1,799,099,086 against an expenditure of Sh1,752,313,849. The management and staff rose to the challenges with a great deal of resourcefulness, diligence, resilience and determination.



THE FINANCIAL REPORT

	Notes	2014 Kshs.	2013 Kshs.
INCOME			
Revenue from non-exchange transactions			
Government Grants: Recurrent	4(a)	1,040,500,036	824,114,980
Donor Funds	4(b)	6,081,550	2,919,000
Revenue from exchange transactions			
Rendering Services	5(a)	705,218,301	377,131,479
Other Income	5(b)	47,299,199	38,069,578
Total Revenue		1,799,099,086	1,242,235,037
EXPENSES			
Employee costs	6(a)	1,471,484,803	987,253,160
Depreciation and amortization expense	6(b)	49,455,031	46,232,200
General Expenses	6(c)	160,024,070	77,514,579
Bulk purchases of Water and Electricity	6(d)	35,076,386	31,502,852
Contracted services	6(e)	10,187,026	6,353,780
Repairs and Maintenance	6(f)	18,137,080	11,486,807
Remuneration of Council members	6(g)	7,137,453	4,043,510
Audit fees	6(h)	812,000	700,000
Total Expenses		1,752,313,849	1,186,635,723
Surplus for the year		46,785,237	55,599,314

STATEMENT OF FINANCIAL POSITION
AS AT 30TH JUNE 2014

	Notes	2014 Kshs.	2013 Kshs.
ASSETS			
Trade and Other Receivables(Exchange)	10(a)	274,999,464	211,393,851
Trade and Other Receivables(Non exchange)	10(b)	48,422,395	57,034,499
Cash and Cash Equivalents	9(a)	160,668,439	54,195,121
Inventories	11	4,946,167	-
		489,036,465	322,623,471
NON CURRENT ASSETS			
Property, Plant and Equipment	7	4,692,155,807	4,598,158,008
TOTAL ASSETS		5,181,192,272	4,920,781,479
LIABILITIES			
Trade and other payables	8	836,512,658	643,036,151
Bank Overdraft	9(b)	7,161	123,306,942
TOTAL LIABILITIES		836,519,819	766,343,093
NET ASSETS		4,344,672,453	4,154,438,386
Capital Fund	3(a)	478,866,014	335,417,184
Revenue Reserve	3(c)	(191,276,892)	(238,062,129)
Revaluation Surplus	3(b)	4,057,083,331	4,057,083,331
TOTAL FUNDS AND LIABILITIES		5,181,192,272	4,920,781,479

The financial Statements were approved by Council and were signed on its behalf by :


Prof. Dr. Ing. Francis W.O. Aduol
VICE CHANCELLOR


Ms. Isabella Ochola-Wilson
COUNCIL MEMBER


Tom O. Okungu
FINANCIAL CONTROLLER

STATEMENT OF CASH FLOWS
FOR THE YEAR ENDED 30 JUNE 2014

	Notes	2014	2013
		Kshs.	Kshs.
Cash flow from operating activities:			
Receipts			
Government Grants		1,040,500,036	824,114,980
Donor funds		6,081,550	2,919,000
Tuition Fees		705,218,301	377,131,479
Other Incomes		47,299,199	38,069,578
		1,799,099,086	1,242,235,037
Payments			
Compensation of employees		1,471,484,803	987,253,160
Goods and services		230,494,348	254,981,877
		1,701,979,151	1,131,260,925
Net cash from Operating Activities		97,119,935	110,974,112
Cash flows from investing activities			
Purchase of property plant and Equipment		(143,448,830)	(110,870,192)
Increase in non- current receivable		(54,993,509)	(82,283,381)
Increase in inventory		(4,946,167)	-
Net Cash flows used in investing activities		(203,388,506)	(193,153,573)
Cash flows from financing activities			
Development grants received		143,448,830	99,227,525
Increase in payables		193,476,507	(89,640,930)
Net Cash flows used in financing activities		336,041,670	9,586,595
Net increase in cash and Cash Equivalent		229,773,099	(72,592,866)
Cash and Cash equivalents at 1 July		(69,111,821)	3,481,045
Cash and Cash equivalent at 30 June		160,661,278	(69,111,821)

ANNEX I: Statistics of Students Who Were Admitted In Module I and Module II

Course name	Module II		Module I		Total
	Female	Male	Female	Male	
BACHELOR OF TECHNOLOGY (Electrical and Electronic Engineering Technology)	5	43	11	47	106
BACHELOR OF APPLIED SCIENCE (Geoinformatics)	0	0	2	20	22
BACHELOR OF ARCHITECTURE	0	1	6	28	35
BACHELOR OF ARTS (International Relation and Diplomacy)	9	19	10	7	45
BACHELOR OF BUILT ENVIRONMENT (Urban and Regional Planning)	0	0	17	26	43
BACHELOR OF COMMERCE	70	87	57	94	308
BACHELOR OF ECONOMICS	0	6	10	21	37
BACHELOR OF ENGINEERING (Aeronautical Engineering)	5	19	6	16	46
BACHELOR OF ENGINEERING (Chemical Engineering)	1	5	10	17	33
BACHELOR OF ENGINEERING (Civil Engineering)	5	61	14	38	118
BACHELOR OF ENGINEERING (Electrical and Electronic Engineering)	0	21	13	39	73
BACHELOR OF ENGINEERING (Geospatial Engineering)	1	2	3	22	28
BACHELOR OF ENGINEERING (Mechanical Engineering)	4	10	10	40	64
BACHELOR OF MUSIC	1	5	5	0	11
BACHELOR OF PHILOSOPHY IN TECHNOLOGY (Construction Management)	0	5	0	0	5
BACHELOR OF PHILOSOPHY IN TECHNOLOGY (Applied Biology)	3	4	0	0	7
BACHELOR OF PHILOSOPHY IN TECHNOLOGY (Applied Chemistry - Analytical Option)	6	8	0	0	14
BACHELOR OF PHILOSOPHY IN TECHNOLOGY (Biotechnology)	0	5	0	0	5
BACHELOR OF PHILOSOPHY IN TECHNOLOGY (Electrical and Electronic Engineering Technology)	9	21	0	0	30
BACHELOR OF PHILOSOPHY IN TECHNOLOGY (Land Surveying Technology)	3	3	0	0	6
BACHELOR OF PHILOSOPHY IN TECHNOLOGY (Mechanical Engineering Technology)	1	46	0	0	47
BACHELOR OF PHILOSOPHY IN TECHNOLOGY (Medical Laboratory Science)	0	1	0	0	1
BACHELOR OF PHILOSOPHY IN TECHNOLOGY (Printing Technology)	7	7	0	0	14
BACHELOR OF SCEINCE (Land Administration)	0	0	7	18	25
BACHELOR OF SCIENCE (Accountancy)	1	5	13	18	37
BACHELOR OF SCIENCE (Applied Statistics)	1	1	11	30	43
BACHELOR OF SCIENCE (Biochemistry)	0	1	8	17	26
BACHELOR OF SCIENCE (Counselling Psychology)	0	0	16	5	21
BACHELOR OF SCIENCE (Event and Convention Management)	0	0	8	11	19
BACHELOR OF SCIENCE (Hospitality Management)	4	0	12	10	26
BACHELOR OF SCIENCE (Information Science)	0	0	13	43	56
BACHELOR OF SCIENCE (Mathematics)	1	2	2	31	36
BACHELOR OF SCIENCE (Medical Laboratory Science)	1	4	14	21	40
BACHELOR OF SCIENCE (Tourism Management)	1	1	12	9	23
BACHELOR OF TECHNOLOGY (Applied Biology)	1	9	8	21	39
BACHELOR OF TECHNOLOGY (Biotechnology)	4	8	12	19	43
BACHELOR OF TECHNOLOGY (Building Construction)	0	0	5	31	36
BACHELOR OF TECHNOLOGY (Business Information Technology)	4	5	5	46	60
BACHELOR OF TECHNOLOGY (Chemical Engineering Technology)	2	9	6	30	47
BACHELOR OF TECHNOLOGY (Civil Engineering Technology)	9	45	8	47	109
BACHELOR OF TECHNOLOGY (Communication & Comp Networks)	0	7	2	21	30
BACHELOR OF TECHNOLOGY (Community and Public Health)	2	3	15	18	38
BACHELOR OF TECHNOLOGY (Computer Technology)	2	12	3	28	45
BACHELOR OF TECHNOLOGY (Design)	6	12	10	20	48

Course name	Module II		Module I		Total
	Female	Male	Female	Male	
BACHELOR OF TECHNOLOGY (Environmental Resource Management)	0	0	13	21	34
BACHELOR OF TECHNOLOGY (Food Science and Technology)	9	13	17	12	51
BACHELOR OF TECHNOLOGY (Geoinformation Technology)	3	9	6	18	36
BACHELOR OF TECHNOLOGY (Hotel and Restaurant Management)	4	5	5	14	28
BACHELOR OF TECHNOLOGY (Industrial and Applied Chemistry)	11	18	5	27	61
BACHELOR OF TECHNOLOGY (Information Studies)	40	16	9	31	96
BACHELOR OF TECHNOLOGY (Information Technology)	2	9	0	0	11
BACHELOR OF TECHNOLOGY (Institutional Catering and Accommodation Management)	22	5	16	14	57
BACHELOR OF TECHNOLOGY (Journalism and Mass Communication)	4	13	11	15	43
BACHELOR OF TECHNOLOGY (Mechanical Engineering Technology)	0	0	3	50	53
BACHELOR OF TECHNOLOGY (Nutrition and Dietetics)	7	4	21	11	43
BACHELOR OF TECHNOLOGY (Office Administration and Technology)	0	0	10	13	23
BACHELOR OF TECHNOLOGY (Surveying Technology)	11	21	5	21	58
BACHELOR OF TECHNOLOGY (Technical and Applied Physics)	0	0	4	27	31
BACHELOR OF THE BUILT ENVIRONMENT (Construction Management)	0	0	7	31	38
BACHELOR OF THE BUILT ENVIRONMENT (Quantity Surveying)	1	0	8	29	38
BACHELOR OF THE BUILT ENVIRONMENT (Urban Design and Development)	0	0	7	34	41
BACHOLAR OF THE BUILT ENVIRONMENT (Real Estate and Property Studies)	2	13	10	21	46
CERTIFICATE IN TECHNOLOGY LAND SURVEY AND CARTOGRAPHY	5	21	0	0	26
DIPLOMA IN ACCOUNTANCY	11	21	0	0	32
DIPLOMA IN BUSINESS STUDIES (Business Administration)	19	21	0	0	40
DIPLOMA IN BUSINESS STUDIES (Human Resource Management)	10	7	0	0	17
DIPLOMA IN BUSINESS STUDIES (Procurement and Supply Chain Management)	52	62	0	0	114
DIPLOMA IN BUSINESS STUDIES (Sales and Marketing)	7	8	0	0	15
DIPLOMA IN COUNSELING PSYCHOLOGY	5	0	0	0	5
DIPLOMA IN ENVIRONMENTAL RESOURCE MANAGEMENT	1	3	0	0	4
DIPLOMA IN HOUSE KEEPING AND FRONT OFFICE MANAGEMENT	4	4	0	0	8
DIPLOMA IN INTERNATIONAL RELATION AND DIPLOMACY	11	8	0	0	19
DIPLOMA IN LEGAL STUDIES	3	1	0	0	4
DIPLOMA IN MEDICAL LABORATORY SCIENCE	8	10	0	0	18
DIPLOMA IN MUSIC	4	9	0	0	13
DIPLOMA IN PHARMACEUTICAL TECHNOLOGY	9	14	0	0	23
DIPLOMA IN TECHNOLOGY (Actuarial Science)	3	10	0	0	13
DIPLOMA IN TECHNOLOGY (Analytical Chemistry)	3	10	0	0	13
DIPLOMA IN TECHNOLOGY (Applied Statistics)	3	5	0	0	8
DIPLOMA IN TECHNOLOGY (Architecture)	6	23	0	0	29
DIPLOMA IN TECHNOLOGY (Archive and Records Managements)	16	4	0	0	20
DIPLOMA IN TECHNOLOGY (Biochemistry)	0	5	0	0	5
DIPLOMA IN TECHNOLOGY (Biotechnology)	2	6	0	0	8
DIPLOMA IN TECHNOLOGY (Building Construction)	1	17	0	0	18
DIPLOMA IN TECHNOLOGY (Business Information Technology)	11	46	0	0	57
DIPLOMA IN TECHNOLOGY (Civil Engineering Technology)	14	107	0	0	121
DIPLOMA IN TECHNOLOGY (Community and Public Health)	7	6	0	0	13
DIPLOMA IN TECHNOLOGY (Design)	12	23	0	0	35
DIPLOMA IN TECHNOLOGY (Electrical and Electronic Engineering)	7	99	0	0	106
DIPLOMA IN TECHNOLOGY (Fashion Design)	31	5	0	0	36

Course name	Module II		Module I		Total
	Female	Male	Female	Male	
DIPLOMA IN TECHNOLOGY (Geo-Informatics)	3	3	0	0	6
DIPLOMA IN TECHNOLOGY (Health Records and Information Technology)	20	12	0	0	32
DIPLOMA IN TECHNOLOGY (Hotel and Restaurant Management)	21	8	0	0	29
DIPLOMA IN TECHNOLOGY (Industrial and Applied Biology)	7	12	0	0	19
DIPLOMA IN TECHNOLOGY (Industrial Chemistry)	1	10	0	0	11
DIPLOMA IN TECHNOLOGY (Information Studies)	8	3	0	0	11
DIPLOMA IN TECHNOLOGY (Institutional Catering and Accommodation Management)	11	5	0	0	16
DIPLOMA IN TECHNOLOGY (Journalism and Mass Communication)	8	14	0	0	22
DIPLOMA IN TECHNOLOGY (Land Surveying and Cartography)	1	5	0	0	6
DIPLOMA IN TECHNOLOGY (Printing Technology)	5	11	0	0	16
DIPLOMA IN TECHNOLOGY (Quantity Surveying)	7	30	0	0	37
DIPLOMA IN TECHNOLOGY (Real Estate)	2	2	0	0	4
DIPLOMA IN TECHNOLOGY (Surveying)	7	26	0	0	33
DIPLOMA IN TECHNOLOGY (Tourism and Travel Management)	16	7	0	0	23
DIPLOMA IN TECHNOLOGY (Nutrition and Dietetics)	21	7	0	0	28
ELECTRICAL INSTALATION ELECTRICIAN III	0	1	0	0	1
ELECTRICAL INSTALATION TECHNICIAN III	0	1	0	0	1
ELECTRICAL INSTALLATION ELECTRICIAN II	0	17	0	0	17
ELECTRICAL INSTALLATION TECHNICIAN I	0	1	0	0	1
MECHANICAL ENGINEERING TECHNICIAN PART II	2	1	0	0	3
MOTOR VEHICLE MECHANIC I	0	4	0	0	4
CERTIFICATE IN AIRCRAFT MAINTENANCE AIRFRAME AND ENGINES	0	15	0	0	15
CERTIFICATE IN ARCHIVES AND RECORDS MANAGEMENT	0	2	0	0	2
CERTIFICATE IN AUTOMOTIVE AND AUTOTRONIC ENGINEERING I	1	6	0	0	7
CERTIFICATE IN AUTOMOTIVE AND AUTOTRONIC ENGINEERING LEVEL I	0	1	0	0	1
CERTIFICATE IN BUSINESS INFORMATION TECHNOLOGY	0	1	0	0	1
CERTIFICATE IN BUSINESS STUDIES	2	0	0	0	2
CERTIFICATE IN COMPUTER HARDWARE, SOFTWARE AND NETWORK SUPPORT TECHNOLOGY	2	14	0	0	16
CERTIFICATE IN DISASTER MANAGEMENT	0	1	0	0	1
CERTIFICATE IN ELECTRICAL INSTALLATION TECHNICIAN II	0	9	0	0	9
CERTIFICATE IN ELECTRICAL INSTALLATION TECHNICIAN III	0	1	0	0	1
CERTIFICATE IN FASHION DESIGN AND GARMENT MAKING	7	4	0	0	11
CERTIFICATE IN FOOD AND BEVERAGE PRODUCTION	17	5	0	0	22
CERTIFICATE IN HEALTH RECORDS AND INFORMATION TECHNOLOGY	25	16	0	0	41
CERTIFICATE IN INFORMATION COMMUNICATION TECHNOLOGY	8	18	0	0	26
CERTIFICATE IN MUSIC	1	3	0	0	4
CERTIFICATE IN NUTRITION AND DIETETICS	23	4	0	0	27
CERTIFICATE IN SALES AND MARKETING	1	1	0	0	2
CERTIFICATE IN SUPPLIES CHAIN MANAGEMENT	8	5	0	0	13
CERTIFICATE IN TECHNOLOGY (Mechatronic Engineering)	0	8	0	0	8
CERTIFICATE IN TECHNOLOGY (Communication Design/Product Design)	7	9	0	0	16
CERTIFICATE IN TECHNOLOGY CIVIL ENGINEERING	3	17	0	0	20
CERTIFICATE IN TECHNOLOGY FIRE ENGINEERING	0	1	0	0	1
CERTIFICATE IN TECHNOLOGY IN INDUSTRIAL PLANT AND ENERGY ENGINEERING	0	3	0	0	3
Total	795	1508	521	1298	4122

ANNEX II: Detailed Registration Figures

School	Course Name	Module I		Module II		Total
		Female	Male	Female	Male	
CENTRE FOR SCIENCE AND TECHNOLOGY STUDIES	DIPLOMA IN DISASTER MANAGEMENT	0	0	3	2	5
SCHOOL OF ARCHITECTURE AND THE BUILT ENVIRONMENT	BACHELOR OF ARCHITECTURE	32	146	0	1	179
	BACHELOR OF BUILT ENVIRONMENT (Urban and Regional Planning)	30	91	0	0	121
	BACHELOR OF PHILOSOPHY IN TECHNOLOGY (Construction Management)	0	0	1	16	17
	BACHELOR OF TECHNOLOGY (Building Construction)	10	115	1	0	126
	BACHELOR OF THE BUILT ENVIRONMENT (Construction Management)	22	98	1	12	133
	BACHELOR OF THE BUILT ENVIRONMENT (Quantity Surveying)	33	120	8	40	201
	BACHELOR OF THE BUILT ENVIRONMENT (Urban Design and Development)	24	0	0	0	24
	BACHELOR OF THE BUILT ENVIRONMENT (Real Estate and Property Studies)	45	104	2	13	164
	DIPLOMA IN TECHNOLOGY (Architecture)	13	50	0	79	142
	DIPLOMA IN TECHNOLOGY (Building Construction)	2	37	0	70	109
	DIPLOMA IN TECHNOLOGY (Construction Management)	3	16	0	3	22
	DIPLOMA IN TECHNOLOGY (Quantity Surveying)	4	31	12	80	127
	DIPLOMA IN TECHNOLOGY (Real Estate)	0	0	2	2	4
	BACHELOR OF PHILOSOPHY IN TECHNOLOGY (Applied Biology)	0	0	8	5	13
SCHOOL OF BIOLOGICAL AND LIFE SCIENCES	BACHELOR OF PHILOSOPHY IN TECHNOLOGY (Biotechnology)	0	0	1	5	6
	BACHELOR OF SCIENCE (Biochemistry)	21	56	0	1	78
	BACHELOR OF TECHNOLOGY (Applied Biology)	29	77	9	18	133
	BACHELOR OF TECHNOLOGY (Biotechnology)	30	66	14	14	124
	BACHELOR OF TECHNOLOGY (Food Science and Technology)	19	21	38	39	117
	BACHELOR OF TECHNOLOGY (Science Laboratory Technology)	34	85	0	0	119
	DIPLOMA IN TECHNOLOGY (Biochemistry)	5	8	0	5	18
	DIPLOMA IN TECHNOLOGY (Biotechnology)	1	9	6	13	29
	DIPLOMA IN TECHNOLOGY (Industrial and Applied Biology)	6	7	19	38	70
	DIPLOMA IN TECHNOLOGY (Science Laboratory Technology)	0	0	7	10	17

SCHOOL OF BUSINESS AND MANAGEMENT STUDIES	BACHELOR OF COMMERCE	211	393	128	166	898
	BACHELOR OF SCIENCE (Accountancy)	44	100	3	12	159
	BACHELOR OF TECHNOLOGY (Business Information Technology)	26	146	6	19	197
	BACHELOR OF TECHNOLOGY (Office Administration and Technology)	31	45	3	0	79
	CERTIFICATE IN BUSINESS INFORMATION TECHNOLOGY	0	0	0	1	1
	CERTIFICATE IN BUSINESS STUDIES	0	0	2	0	2
	CERTIFICATE IN SALES AND MARKETING	0	0	1	1	2
	CERTIFICATE IN SUPPLIES CHAIN MANAGEMENT	0	0	8	5	13
	DIPLOMA IN ACCOUNTANCY	22	36	19	33	110
	DIPLOMA IN ACCOUNTANCY	0	0	11	21	32
	DIPLOMA IN BUSINESS ADMINISTRATION	1	0	17	14	32
	DIPLOMA IN BUSINESS STUDIES (Business Administration)	36	36	54	61	187
	DIPLOMA IN BUSINESS STUDIES (Human Resource Management)	25	15	38	25	103
	DIPLOMA IN BUSINESS STUDIES (Procurement and Supply Chain Management)	66	64	137	183	450
	DIPLOMA IN BUSINESS STUDIES (Sales and Marketing)	10	12	11	19	52
	DIPLOMA IN TECHNOLOGY (Business Information Technology)	17	52	24	116	209
SCHOOL OF COMPUTING AND INFORMATION TECHNOLOGIES	BACHELOR OF TECHNOLOGY (Communication & Comp Networks)	4	34	0	8	46
	BACHELOR OF TECHNOLOGY (Computer Technology)	10	123	3	22	158
	BACHELOR OF TECHNOLOGY (Computer Technology)	0	1	0	0	1
	BACHELOR OF TECHNOLOGY (Information Technology)	1	0	0	0	1
	BACHELOR OF TECHNOLOGY (Information Technology)	11	97	3	20	131
	Certificate in Computer Hardware, Software and Network Support Technology	0	0	2	14	16
	CERTIFICATE IN INFORMATION COMMUNICATION TECHNOLOGY	0	0	8	18	26
	DIPLOMA IN TECHNOLOGY (Communication and Computer Networks)	4	17	0	0	21
	DIPLOMA IN TECHNOLOGY (Computer Technology)	1	23	0	0	24
	DIPLOMA IN TECHNOLOGY (Information Technology)	6	19	4	28	57
SCHOOL OF CREATIVE ARTS AND TECHNOLOGIES	BACHELOR OF MUSIC	6	0	3	8	17
	BACHELOR OF PHILOSOPHY IN TECHNOLOGY (Printing Technology)	0	0	7	7	14
	BACHELOR OF TECHNOLOGY (Design)	31	76	16	48	171
	CERTIFICATE IN FASHION DESIGN AND GARMENT MAKING	0	0	7	4	11
	CERTIFICATE IN MUSIC	0	0	1	3	4
	CERTIFICATE IN TECHNOLOGY (Communication Design/Product Design)	0	0	7	10	17
	DIPLOMA IN MUSIC	0	8	5	14	27
	DIPLOMA IN TECHNOLOGY (Design)	4	19	25	65	113
	DIPLOMA IN TECHNOLOGY (Fashion Design)	26	16	41	8	91
	DIPLOMA IN TECHNOLOGY (Printing Technology)	4	12	12	31	59

SCHOOL OF ELECTRICAL AND ELECTRONIC ENGINEERING	BACHELOR OF TECHNOLOGY (Electrical and Electronic Engineering Technology)	11	47	11	151	220
	BACHELOR OF ENGINEERING (Electrical and Electronic Engineering)	56	466	4	59	585
	BACHELOR OF PHILOSOPHY IN TECHNOLOGY (Electrical and Electronic Engineering Technology)	0	0	9	37	46
	CERTIFICATE IN ELECTRICAL INSTALLATION TECHNICIAN II	0	0	0	9	9
	CERTIFICATE IN ELECTRICAL INSTALLATION TECHNICIAN III	0	0	0	1	1
	DIPLOMA IN TECHNOLOGY (Computer Systems Engineering)	3	21	0	0	24
	DIPLOMA IN TECHNOLOGY (Electrical and Electronic Engineering - Instrumentation Control Option)	2	19	0	0	21
	DIPLOMA IN TECHNOLOGY (Electrical and Electronic Engineering - Power Option)	0	29	0	0	29
	DIPLOMA IN TECHNOLOGY (Electrical and Electronic Engineering - Telecommunication Option)	3	23	0	0	26
	DIPLOMA IN TECHNOLOGY (Electrical and Electronic Engineering)	0	1	14	230	245
	ELECTRICAL INSTALATION ELECTRICIAN III	0	0	0	1	1
	ELECTRICAL INSTALATION TECHNICIAN III	0	0	0	1	1
	ELECTRICAL INSTALLATION ELECTRICIAN II	0	0	0	17	17
	ELECTRICAL INSTALLATION TECHNICIAN I	0	0	0	1	1
SCHOOL OF HEALTH SCIENCES AND TECHNOLOGY	BACHELOR OF PHILOSOPHY IN TECHNOLOGY (Medical Laboratory Science)	0	0	0	1	1
	BACHELOR OF SCIENCE (Medical Laboratory Science)	35	96	1	4	136
	BACHELOR OF TECHNOLOGY (Community and Public Health)	15	18	5	8	46
	BACHELOR OF TECHNOLOGY (Nutrition and Dietetics)	60	45	17	8	130
	CERTIFICATE IN HEALTH RECORDS AND INFORMATION TECHNOLOGY	0	0	25	16	41
	CERTIFICATE IN NUTRITION AND DIETETICS	0	0	23	4	27
	DIPLOMA IN MEDICAL LABORATORY SCIENCE	5	19	25	39	88
	DIPLOMA IN PHARMACEUTICAL TECHNOLOGY	0	0	37	41	78
	DIPLOMA IN PHARMACEUTICAL TECHNOLOGY	13	23	0	0	36
	DIPLOMA IN TECHNOLOGY (Community and Public Health)	18	13	46	43	120
	DIPLOMA IN TECHNOLOGY (Health Records and Information Technology)	0	0	68	37	105
	DIPLOMA IN TECHNOLOGY 9Nutrition and Dietetics)	0	0	58	23	81

SCHOOL OF HOSPITALITY AND TOURISM STUDIES	BACHELOR OF SCIENCE (Event and Convention Management)	14	27	0	0	41
	BACHELOR OF SCIENCE (Hospitality Management)	26	20	4	0	50
	BACHELOR OF SCIENCE (Tourism Management)	46	53	1	1	101
	BACHELOR OF TECHNOLOGY (Hotel and Restaurant Management)	32	47	18	6	103
	BACHELOR OF TECHNOLOGY (Institutional Catering and Accommodation Management)	33	32	55	8	128
	CERTIFICATE IN FOOD AND BEVERAGE PRODUCTION	0	0	17	5	22
	DIPLOMA IN EVENT AND CONVENTION MANAGEMENT	4	3	0	0	7
	DIPLOMA IN HOTEL AND RESTAURANT MANAGEMENT	28	14	18	17	77
	DIPLOMA IN HOUSE KEEPING AND FRONT OFFICE MANAGEMENT	0	0	4	4	8
	DIPLOMA IN TECHNOLOGY (Hotel and Restaurant Management)	0	0	53	30	83
	DIPLOMA IN TECHNOLOGY (House Keeping and Front Office Management)	0	0	5	1	6
	DIPLOMA IN TECHNOLOGY (Institutional Catering and Accommodation Management)	23	3	35	20	81
	DIPLOMA IN TECHNOLOGY (Tourism and Travel Management)	15	17	37	17	86
SCHOOL OF INFORMATION AND COMMUNICATION STUDIES	BACHELOR OF SCIENCE (Information Science)	24	130	1	0	155
	BACHELOR OF TECHNOLOGY (Information Studies)	8	31	57	26	122
	BACHELOR OF TECHNOLOGY (Journalism and Mass Communication)	30	70	9	18	127
	CERTIFICATE IN ARCHIVES AND RECORDS MANAGEMENT	0	0	0	2	2
	DIPLOMA IN TECHNOLOGY (Archive and Records Managements)	7	6	39	18	70
	DIPLOMA IN TECHNOLOGY (Information Studies)	11	5	25	8	49
	DIPLOMA IN TECHNOLOGY (Journalism and Mass Communication)	22	25	36	58	141
	BACHELOR OF ENGINEERING (Civil Engineering)	66	445	13	94	618
	BACHELOR OF PHILOSOPHY IN TECHNOLOGY (Civil Engineering Technology)	0	0	0	8	8
	BACHELOR OF TECHNOLOGY (Civil Engineering Technology)	8	47	12	87	154
	CERTIFICATE IN AUTOMOTIVE AND AUTOTRONIC ENGINEERING LEVEL I	0	0	0	1	1
	CERTIFICATE IN TECHNOLOGY CIVIL ENGINEERING	0	0	3	17	20
	CERTIFICATE IN TECHNOLOGY FIRE ENGINEERING	0	0	0	1	1
	DIPLOMA IN TECHNOLOGY (Civil Engineering Technology)	11	90	34	348	483
SCHOOL OF MATHEMATICS AND ACTUARIAL SCIENCE	BACHELOR OF SCIENCE (Applied Statistics)	40	95	2	7	144
	BACHELOR OF SCIENCE (Mathematics)	22	143	1	2	168
	BACHELOR OF TECHNOLOGY (Environment Resource Mgt)	0	1	0	0	1
	DIPLOMA IN TECHNOLOGY (Actuarial Science)	5	21	6	22	54
	DIPLOMA IN TECHNOLOGY (Applied Statistics)	5	1	5	10	21

SCHOOL OF MECHANICAL AND PROCESS ENGINEERING	BACHELOR OF ENGINEERING (Aeronautical Engineering)	25	99	10	61	195
	BACHELOR OF ENGINEERING (Chemical Engineering)	19	37	1	8	65
	BACHELOR OF ENGINEERING (Mechanical Engineering)	40	423	5	27	495
	BACHELOR OF PHILOSOPHY IN TECHNOLOGY (Mechanical Engineering Technology)	0	0	1	48	49
	BACHELOR OF TECHNOLOGY (Chemical Engineering Technology)	6	30	6	14	56
	BACHELOR OF TECHNOLOGY (Mechanical Engineering Technology)	3	50	3	60	116
	CERTIFICATE IN AIRCRAFT MAINTENANCE AIRFRAME AND ENGINES	0	0	0	15	15
	Certificate in Automotive and Autotronic Engineering I	0	0	1	6	7
	Certificate in Technology (Mechatronic Engineering) I	0	0	0	8	8
	Certificate in Technology in Industrial Plant and Energy Engineering	0	0	0	3	3
	DIPLOMA IN AERONAUTICAL ENGINEERING	0	0	2	15	17
	DIPLOMA IN TECHNOLOGY (Airframes and Engines)	7	37	0	0	44
	DIPLOMA IN TECHNOLOGY (Avionics)	4	23	0	0	27
	DIPLOMA IN TECHNOLOGY (Chemical Engineering)	2	7	0	0	9
	DIPLOMA IN TECHNOLOGY (Manufacturing Engineering)	2	15	0	0	17
	DIPLOMA IN TECHNOLOGY (Mechatronic Engineering)	0	25	0	13	38
	DIPLOMA IN TECHNOLOGY (Plant and Industrial Services)	3	20	0	0	23
	DIPLOMA IN TECHNOLOGY (Refrigeration and Air Conditioning)	0	1	0	0	1
	DIPLOMA IN TECHNOLOGY AUTOMOTIVE ENGINEERING	0	18	0	0	18
	Mechanical Engineering Technician Part II	0	0	2	1	3
	Motor Vehicle Mechanic I	0	0	0	4	4
SCHOOL OF PHYSICAL SCIENCES AND TECHNOLOGY	BACHELOR OF PHILOSOPHY IN TECHNOLOGY (Analytical Chemistry)	0	0	0	1	1
	BACHELOR OF PHILOSOPHY IN TECHNOLOGY (Applied Chemistry - Analytical Option)	0	0	6	8	14
	BACHELOR OF TECHNOLOGY (Environmental Resource Management)	34	49	0	4	87
	BACHELOR OF TECHNOLOGY (Industrial and Applied Chemistry - Industrial Option)	0	0	10	22	32
	BACHELOR OF TECHNOLOGY (Industrial and Applied Chemistry)	14	124	11	18	167
	BACHELOR OF TECHNOLOGY (Technical and Applied Physics)	14	118	0	0	132
	DIPLOMA IN ENVIRONMENTAL RESOURCE MANAGEMENT	0	0	1	3	4
	DIPLOMA IN TECHNOLOGY (Analytical Chemistry)	7	18	10	42	77
	DIPLOMA IN TECHNOLOGY (Environmental Resource Management)	5	4	6	25	40
	DIPLOMA IN TECHNOLOGY (Industrial Chemistry)	0	0	5	10	15

SCHOOL OF SOCIAL AND DEVELOPMENT STUDIES	BACHELOR OF ARTS (International Relation and Diplomacy)	35	42	35	44	156
	BACHELOR OF ECONOMICS	63	120	1	10	194
	BACHELOR OF SCIENCE (Counselling Psychology)	22	14	4	1	41
	CERTIFICATE IN DISASTER MANAGEMENT	0	0	0	1	1
	DIPLOMA IN COUNSELING PSYCHOLOGY	0	0	7	0	7
	DIPLOMA IN DISASTER MANAGEMENT	7	9	2	4	22
	DIPLOMA IN INTERNATIONAL RELATION AND DIPLOMACY	0	0	21	19	40
	DIPLOMA IN LEGAL STUDIES	13	16	9	7	45
	DIPLOMA IN SOCIAL WORK AND COMMUNITY DEVELOPMENT	0	0	16	9	25
SCHOOL OF SURVEYING AND GEOSPATIAL SCIENCES	BACHELOR OF APPLIED SCIENCE (Geoinformatics)	8	65	0	0	73
	BACHELOR OF ENGINEERING (Geospatial Engineering)	52	249	3	7	311
	BACHELOR OF PHILOSOPHY IN TECHNOLOGY (Geoinformation Technology)	0	0	1	2	3
	BACHELOR OF PHILOSOPHY IN TECHNOLOGY (Land Surveying Technology)	0	0	3	13	16
	BACHELOR OF SCIENCE (Land Administration)	19	94	0	0	113
	BACHELOR OF TECHNOLOGY (Geoinformation Technology)	10	42	3	14	69
	BACHELOR OF TECHNOLOGY (Geoinformation Technology)	3	19	0	0	22
	BACHELOR OF TECHNOLOGY (Surveying Technology)	5	21	19	30	75
	CERTIFICATE IN TECHNOLOGY LAND SURVEY AND CARTOGRAPHY	0	0	5	21	26
	DIPLOMA IN TECHNOLOGY (GEO-INFORMATICS)	3	4	8	10	25
	DIPLOMA IN TECHNOLOGY (Land Surveying and Cartography)	0	0	1	5	6
	DIPLOMA IN TECHNOLOGY (Land Surveying)	4	22	0	0	26
	DIPLOMA IN TECHNOLOGY (Surveying)	0	0	9	47	56
	Total	2090	6442	1798	3677	14007

ANNEX III: New Appointments 2013/2014

	PF NO	NAME	DATE OF EMPLOYMENT	POSITION
1	AC0429	KIRATU BETH NYAMBURA	2/9/2013	ASS. LECTURER.
2	AC0430	OTIENO TERESA ATIENO	29/8/2013	LECTURER
3	AC0431	GITONGA BILHA ESHTON	16/9/2013	LECTURER
4	AC0432	KWANYA T. JOSEPH MBOYA	20/9/2013	SENIOR LECTURER
5	AC0433	LELO ERIC AGOLA	1/10/2013	SENIOR LECTURER
6	AC0434	RUKARIA LYDIA KANANU	1/10/2013	ASSISTANT LECTURER
7	AC0436	NGUMBAU GIDEON NYAMAI	1/11/2013	ASSISTANT LECTURER
8	AC0437	NJOGU JACQUELINE WANJIKU	7/11/2013	TUTORIAL FELLOW
9	AC0438	OBARE LYNETTE ADHIAMBO	6/11/2013	ASSISTANT LECTURER
10	AC0439	ONDARA ROBERT ORENCE	7/11/2013	ASSISTANT LECTURER
11	AC0440	GATERI CATHERINE WAITHERA	25/11/2013	LECTURER
12	AC0441	OMBAJO RUTH ROLLEX APONDI	2/12/2013	ASSISTANT LECTURER.
13	AC0442	GACHUHI DIANA WACUKA	1/4/2014	ASS. LECTURER.
14	AC0444	KENDO GORDON OKETCH	14/5/2014	LECTURER
15	AC0445	ODETE JACKSON MAXWELL	16/5/2014	ASSOCIATE PROFESSOR
16	AC0446	WAFULA J. EBRAHIM OUMA	29/5/2014	ASSOCIATE PROFESSOR
17	CT0185	NJUE JACKLINE CECILIA WANJA	12/7/2013	TEACHING ASS.
18	CT0190	ESSENDI SYLVIA MISREAVE	20/09/2013	TEACHING ASSISTANT.
19	CT0191	ONYOYO BARRY MICHAEL	26/09/2013	GRADUATE ASSISTANT
20	CT0192	YUNGO NELLY	30/09/2013	TUTORIAL FELLOW
21	CT0193	OTIDO SUSAN NAMASAYA	26/09/2013	TUTORIAL FELLOW
22	CT0194	MAKUNYI ESTHER WAMBUI	26/09/2013	TUTORIAL FELLOW
23	CT0195	KIPLANG'AT JOSEPH	7/10/2013	DVC-API
24	CT0198	BOSUBEN GEOFFREY	27/01/2014	SECURITY GUARD
25	CT0199	MWALE RUTH MTAMBI	29/01/2014	HOUSE KEEPER
26	CT0200	KASAMANI KASSIM	27/01/2014	GARDENER
27	CT0202	KHAMALA MARTIN NAWAYO	7/2/2014	ASSISTANT LECTURER.
28	CT0204	MUUMBO ALEX MUNYASYA	2/5/2014	EXECUTIVE DEAN.
29	CT0205	MUINDE DANIEL KIATHE	29/05/2014	GARDENER
30	CT0206	MBETI NANCY MUSILI	29/05/2014	HOUSE KEEPER
31	CT0208	NJOROGE WILBERT KIMANZI	30/06/2014	GUARD
32	NT0576	OKUNGU TOM ONYANGO	7/9/2013	FINANCE OFFICER
33	NT0578	KIMANI MERCY WAITHERA	01/07/2013	ASS. SECRETARY
34	NT0580	MENGE WILLIAM SULEY	1/8/2013	ADMIN. OFFICER
35	NT0581	OWIDO PATRICK KINDA	31/07/2013	ADMINISTRATIVE OFFICER
36	NT0582	MUTALI SYLVIA MUYOKA	1/8/2013	ASSISTRANT SECRETARY
37	NT0584	KAMAU EUNICE WANGUI	1/8/2013	ASSISTANT SECRETARY.
38	NT0585	KAGWERU FLORENCE WANJA	2/9/2013	ADMIN. OFFICER
39	NT0587	MATHENGE ROSE WANJIRU	5/9/2013	ADMIN. OFFICER
40	NT0588	MUNYAO RICHARD KITHUKI	9/9/2013	TECHNICIAN
41	NT0589	ALI MOHAMUD JAMA	9/9/2013	MUSLIM IMAM
42	NT0590	WERE CAROLYNE AUMA	7/10/2013	SECRETARY
43	NT0591	ODUOR PATRICIA ADHIAMBO	7/10/2013	ADMINISTRATIVE OFFICER
44	NT0594	KAHORA JANE NYAGUTHI	1/11/2013	ADMINISTRATIVE OFFICER
45	NT0595	SIMIYU MILDRED NAFULA	28/10/2013	SECRETARY
46	NT0649	GICHUKI CHRISTINE WANJIRU	1/7/2013	KITCHEN ASSISTANT
47	NT0650	ODHIAMBO CAROLINE AKINYI	1/7/2013	KITCHEN ASSISTANT
48	NT0651	OLOO WILLIAM OKOTH	10/8/2013	CLEANER
49	NT0652	ONYANGO MARTIN ABWAO	14/08/2013	CLEANER
50	NT0653	WANJIRU JANE WACHEKE	11/8/2013	CLEANER
51	NT0654	KIBAGENDI DAVID RENCHI	14/8/2013	CLEANER
52	NT0655	MATHEKA TIMOTHY MUMAMA	4/10/2013	DRIVER
53	NT0656	KASERA SAMUEL	2/10/2013	DRIVER
54	NT0657	KIPKEMOI DAVID	2013	DRIVER

LIST OF STAFF PROMOTED 2013/2014

NAME	NEW POSITION
JANE MWITI KATHURIMA	LECTURER GRADE
FRANCIS OGOLA OCHIENG'	ASSISTANT LECTURER
ELIZABETH KAMUNZU	ASSISTANT LECTURER
BERNARD NYAMALI MOKUA	TEACHING ASSISTANT
ANTHONY M. GATUNE	LECTURER GRADE
JANE .N.KIMAITA	ASSISTANT LECTURER
SAMSON NJAU NJUKI	TEACHING ASSISTANT
PETER KANYUIRA	LECTURER GRADE
PAUL KIOKO NGUTHI	TEACHING ASSISTANT
PROF.EMILLY AKUNO	EXECUTIVE DEAN
DR.ELIJAH K. LELMEN	LECTURER GRADE
ANTHONY B.O.MUBINYA	ASSISTANT LECTURER
JOYCE ASUKE	ASSISTANT LECTURER
FRED SAWENJA	ASSISTANT LECTURER
PETER CHEROTICH	ASSISTANT LECTURER

NON TEACHING STAFF

NAME	NEW POSITION
PROF.S. K.K. MWENDWA	DVC-TIP
Prof. P.M. SHIUNDU	DVC-ARS
PROF.EMILLY AKUNO	EXECUTIVE DEAN
Mrs R. KIRWA	UNIVERSITY SECRETARY
MS. G. OYOMBE	DIRECTOR,SUPPLY CHAIN OPERATIONS
Mr J. M. KIMANI	DIRECTOR, RISK MANAGEMENT
Mr BEN SANDA	CHIEF ACCOUNTANT
Mr R. KABBAU	DIRECTOR,FACILITIES AND INFR
WILLIAM O.ODINGA	ACCOUNTS ASSISTANT
HELLEN K. MUMBO	STOREMAN
FRANCIS MAINA KAMAU	CARPENTER
STEPHEN MWANGI NGUGI	CARPENTER
PAULINE W.NGONDI	SECRETARY
HYRINE A. OMOLLO	ASSISTANT SECRETARY
RUTH M.SHIVACHI	ASSISTANT SECRETARY
EVALYNE GETUBA	SENIOR LIBRARY ASSISTANT
FRANCIS GAKONYA	SENIOR LIBRARY ASSISTANT
CONSOLATA KIVUVA	LIBRARY ASSISTANT
PETER KABIU MAMBO	LIBRARY ASSISTANT
AKII YUNIS ODHUNO	LIBRARY ASSISTANT
GRACE OGEA	SENIOR LIBRARY ASSISTANT
CHRISTINE NEHONDO	LIBRARY ASSISTANT
LYDIA ARISI NYABOKE	LIBRARY ASSISTANT
BENJAMIN O.KEMBOI	LIBRARY ASSISTANT
SERAH M.MALITI	LIBRARY ASSISTANT
RICHARD NGENO	LIBRARY ASSISTANT
MOSES MULATI	TECHNICIAN
NELLIUS N. KAMAU	SECRETARY
LYDIA KERUBO MACHUKI	SECRETARY
DIANA SYOMBUA	SECRETARY
SIMON LENGIIBONI	JUNIOR ADM ASSISTANT
PACIFIC DIANGA	JUNIOR ADM ASSISTANT
ALLAN CHELULE	JUNIOR ADM ASSISTANT
CHARLES OSUNGA	SUPERVISOR
PHILEMON MUTSOTSO	JUNIOR ADM ASSISTANT

**LABOUR TURNOVER AS FROM
1ST JULY 2013 – 30TH JUNE 2014****DECEASED**

NAME	POSITION
REGINA APONDI OLOO	LECTURER
DANIEL MWALIMU	SENIOR TECH.
JAMES NJOROGI	LECTURER
CHRISTINE AKAKO	LECTURER
THERESIAH KALONDU	ASST. SEC
DIANA OCHIEL	A/CS ASST.
PETER O. AMBWELA	ARTISAN
JACOB M. A. ANYANGO	LECTURER

RETIRED

NAME	POSITION
MARAGRET W. NJOROGI	LIBRARY. ASST
STEPHEN M. KIBIRA	CLEANER
HENRY N. WANJORA	ARTISAN
JOSEPH O. OMOI	ARTISAN
JOSPHAT A. LUGUTU	ASST. TECHNICIAN
FRANCIS N. GITONGA	SNR. TECHNICIAN

RESIGNED

NAME	POSITION
Dr CHARLES K. MAINA	LECTURER
HELLEN MUGITO RINGERA	CLERK
RICHARD N. KIMOTE	BAR MAN
SALOME N. MUIRURI	ASST. SEC
Dr AHAMAD O. ALKIZIM	SENIOR LECTURER
ESTHER WAGICHUGU	A/CS ASSISTANT
ROSEMARY MORAA AMOLA	LECTURER
PETER K. KAGUNYI	TECHNICIAN
Dr GEORGE O. WAKA	SNR LECTURER
PHILIP MUTISYA K.	SYSTEM ADMIN
MICHAEL WAMBUA	ASST. ACCOUNTANT
ALI ABDALLAH	TUTORIAL FELLOW
Dr PAUL MIREJI	LECTURER
Dr ELIJAH LELMEN	LECTURER
BEATRICE KIBE	ASST. LECTURER
SENJUR CHEWOREI	SNR.SECURITY ASST.
DANIEL KINUTHIA W.	SNR.SECURITY ASST.
JACINTER OGWE ADEDE	ACCOUNTS CLERK
MARK NYAGAWAMBUGU	ASST. ACCOUNTANT

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