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## PROJECTS ALIGNED TO CORE MANDATE AND OUTCOMES ALIGNED TO SECTOR PERFORMANCE STANDARDS AND SUSTAINABLE DEVELOPMENT

Chuka University is a premier Institution of higher learning. Over the years, it has been implementing several projects to enhance achievement of its core mandate. In the 2016/2017 Financial Year, the University implemented the following projects.

### (i) VISION 2030 PROJECTS

#### 1. ICT Integration in Education and Training, 100%

In 2016/2017, Financial Year, the Council developed six (6) new e-learning modules as follows:

- (i) Theories and Principles of Curriculum Development.
- (ii) Education and Communication Technology.
- (iii) Introduction to General Mathematics.
- (iv) Introduction to Computer Applications.
- (v) Communication Skills.

These programmes have been uploaded in the M-Elimu E-Learning software which was acquired by the University.

#### 2. Development of New Academic Programmes, 100%

In 2015/2016 Financial Year, the Council developed two (2) academic programmes. In the 2016/2017 Financial Year, the Council developed five (5) new academic programmes and presented them to the Senate. These programmes are:

- (i) BSc. in Mathematics.
- (ii) BSc. in Chemistry.
- (iii) BSc. in Physics.
- (iv) BSc. in Instrumentation and Control Engineering.
- (v) BSc. in Animal Products Technology.

#### 3. Increase Undergraduate Science Students Enrolment

In 2015/2016, the Council increased undergraduate science students' enrolment by 500 new students. In 2016/2017 academic year, the Council admitted 1765 new undergraduate Science Students in the Faculties of Science, Agriculture and Education to increase enrolment from 3734 to 5499.

#### 4. Dissemination of Research Findings, 100%

In 2015/2016 Financial Year, the Council disseminated one finding on a variety of maize resistant to maize stem borer pest. In the 2016/2017 Financial Year, the Council Commits to disseminate research findings by holding an exhibition in the University by quarter 4.

#### 5. Graduate Masters Students

In 2015/2016, the Council developed human capacity by graduating fifteen (15) masters students. In 2016/2017 Financial Year, the Council developed human resource capacity to provide excellent practice/service by graduating twenty (48) Masters students in science and socio-economics.

## **PRIORITY PROJECTS/ PROGRAMMES (OUTCOMES ALIGNED TO SDGs AND SECTOR PERFORMANCE STANDARDS (SPS))**

### **6. Construction of a Male Students' Hostel Complex**

In 2015/2016, the Council constructed the Male Students Hostel Framework to the 5<sup>th</sup> floor. By quarter 2 of 2016/2017, the Council constructed one Male Students' Hostel Framework to 11<sup>th</sup> floor, achieving 60%.

### **7. Enhancing Quality and Relevance of Education, 100%**

The Council:

- (i) Constructed a poultry demonstration unit to 25%, up to roofing, to enable students acquire skills in poultry farming.
- (ii) Trained 3 staff members in Israel in Agriculture and Environmental Studies.

### **8. Development of University Infrastructure at Kairini, 100%**

The Council constructed:

- (i) A research Office building at Kairini up to 70%, up to the mainframe and roofing.
- (ii) A dispensary at Kairini up to 70%, up to the main frame and roofing.

### **9. Increase Funded Research Projects**

In 2015/2016 Financial Year, the Council funded eight (8) Research Projects. In 2016/2017 Financial Year, the Council funded (6) new research projects by quarter.

### **10. Increase of Institutional Researchers**

In 2015/2016, the Council increased institutional researchers by fifty five (55). By quarter 3 of 2016/2017, the Council increased institutional researchers by 133.

### **11. Increase Number of Publications in Refereed Journals**

In 2015/2016, the University published thirty five (35) articles in refereed journals. By quarter 3 of 2016/2017, the Council increased publications by publishing twenty five (25) new refereed articles.

### **12. Facilitate Staff to Present /attend Various Forums**

In 2015/2016, the Council facilitated fifteen (15) staff to present or attend various training sessions for capacity building. By quarter 3 of 2016/2017 Financial Year, the Council facilitated twenty (20) staff to present papers at various forums or to attend training sessions for capacity building.

### **13. Establishment of New Linkages, 100%**

In 2015/2016, the Council signed one MoU with a Partner. In 2016/2017, the Council signed two MoUs.

### **14. Acquisition of New Library Titles**

In 2015/2016 Financial Year, the Council acquired one hundred (100) library titles. By quarter 3 of 2016/2017 Financial Year, the Council acquired one hundred and eighty (180) new library titles.

**15. Allocation of Funds for Research**

In 2015/2016, the Council allocated 0.9% of the recurrent budget to research. In 2016/2017, the Council allocated 1% of the approved recurrent budget to research.

**16. Organize an International Conference**

In 2015/2016, the Council held one international research conference whose theme was "Mainstreaming Research Commercialization for sustainable Development". In 2016/2017 Financial Year, the Council held (1) international conference whose theme was: "Harnessing Research, Innovation and Technology to Realize the Sustainable Development Goals".

**17. Train Staff on Field Attachment and Teaching Practice supervision**

In 2015/2016 Financial Year, the Council did not train staff in field attachment and teaching practice supervision. In 2016/2017, the Council trained forty five (45) staff members on field attachment and teaching practice supervision.

**18. Expansion of the University by Acquiring a Building in Nairobi**

The Council acquired a building in Nairobi.

**19. Offer AI Services to Farmers**

The Council provided Artificial Insemination (IA) services to 16 farmers by quarter 3.

**20. Training of Farmers**

The Council trained fifteen (15) farmers on making cheap animal feeds in order to contribute to the University outreach mandate.

**21. Awareness on Outcomes aligned to SDGs**

The University publicized the outcomes aligned to the SDGs through the University website.

**22. Ease of Doing Business**

In 2015/2016 Financial Year, the Council contributed to ease of doing business by establishing an online database for teaching, consultation and examination timetables to reduce time taken by students and staff to access the timetables on the website from 1 week to 1 day. In 2016/2017 Financial Year, the Council established an online database for all staff to reduce the time taken by stakeholders to access staff qualifications and competencies on the website from 1 week to 1 day.

**23. Project Completion Rates**

The Council completed all projects as provided in the work plan.