**ANNUAL REPORT**

**DEPARTMENT OF AGICULTURAL ECONOMICS**

1. **BRIEF INTRODUCTION–**

The mandate of the Department of Agricultural Economics is Teaching and Learning, Research and Innovation, Consultancy and Community Service. It also provides project and supervision work, Youth internship, and Mentorship services

Its Vision is to be an international centre of excellence in agricultural and applied economics training, research and extension, and outreach for the realization of sustainable livelihoods for all.

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The Department participates in the Collaborative Agricultural and Applied Economics MSC programme that is partially funded by Africa Economic Research Consortium (AERC) and it has been performing exceptionally very well in the third semester at the Shared Facility for Specialization and Electives (SFSE), University of Pretoria. For instance, with the exemplary performance of our students, University of Nairobi was ranked Position 1 overall out of eight (8) major universities in Eastern and Southern Africa and scored an average of 75.5%. This is a repeat of our performance and ranking in 2017 when the University also produced the top three students at the SFSE. In 2019 the Department also produced the second top student. It is also important to note that 8 out of 11 students (73%) scored over 70%, which has not been achieved in the past years.

1. **PROGRAMMES OFFERED**
2. Bachelor of Science in Agricultural Education and Extension
3. Bachelor of Science in Agribusiness Management
4. Bachelor of Science(Economics Major)
5. Master of Science in Agricultural and Applied Economics
6. Master of Science in Agricultural Information and Communication Management
7. PhD. in Agricultural Economics
8. PhD in Agricultural and Applied Economics
9. PhD in Agricultural Information and Communication Management
10. **STRATEGIC ISSUES**

The Department is guided by the following Strategic Objectives

1. To manage the Departmental resources efficiently;
2. To grow the Department resource base and enhance productivity;
3. To produce quality and holistic graduates in agricultural and applied economics including agribusiness management, agricultural extension and rural development;
4. To contribute to the development of society through creation, storage, application and dissemination of knowledge on agricultural and applied economics;
5. To enhance the competitiveness and image of the Department as a centre of excellence in agricultural and applied economics training and research
6. To enhance strategic partnership and collaborations.
7. **MAJOR ACHIEVEMENTS IN THE YEAR  2020**

**Student Numbers**

|  |  |  |
| --- | --- | --- |
| **S/N** | **Programme** | **No. of students.** |
| 1. | Bachelor of Science in Agricultural Education and Extension | 356 |
| 2. | Bachelor of Science in Agribusiness Management | 313 |
| 3. | Master of Science in Agricultural and Applied Economics | 175 |
| 4. | Master of Science in Agricultural Information and Communication Management | 40 |
| 5. | PhD. in Agricultural Economics | 13 |
| 6. | PhD in Agricultural and Applied Economics | 20 |
| 7 | PhD in Agricultural Information and Communication Management | 8 |

**International students**

There were 41 students under this category from across African continent e.g Liberia Malawi, Ghana, Nigeria, Botswana, Rwanda, Burundi, Tanzania, Uganda and South Sudan. The number increased by 5.6% from that of last year

**The department was actively involved in the following research activities:**

Analysis of the Socio-Economic Contribution of Donkeys Ownership and Use to Household Livelihoods in Kiambu County

Impact of Rural and Community Bank Credit Access on Technical Efficiency of Smallholder Cassava Farmers in Fanteakwa District of Ghana

Assessment of Livestock Farmers’ Preferences for Integration of Community-Owned Resource Persons and Interrelationships in Animal Trypanosomiasis Management Methods in Kwale County, Kenya

Assessment of the Effectiveness of Communication Channels Used in the Dissemination of Reproductive Technologies in Dairy Cattle in Kangema, Murang’a County

Participation in Contract Farming and its Effects on Technical Efficiency and Income of Vegetable Farmers in Western Kenya

Comparative gendered assessment of productivity, technical efficiency and technology gaps of sorghum plots in three districts of Uganda

An economic evaluation of the role of land and livestock dynamics in livelihood diversification in Baringo County, Kenya

Effects of Integrated Nutrition Education Approaches of the Production and Consumption of Orange-Fleshed Sweetpotatoes in Homa Bay County, Kenya

An assessment of smallholder livestock keepers’ willingness-to-pay for cattle insurance attributes in Botswana: the case of Central District

An Economic Assessment of the Factors That Influence Smallholder Farmer Participation In Export Markets As A Case Of High Value Mango Markets In Southern Ghana

1. **CORPORATE AND COMMUNITY OUTREACH ACTIVITIES**

The department was involved in tree planting and community projects such schools in a number of countries. Some staff members are in the school boards (BOMs) and other are involved in mentorship activities of students and pupils.

1. **STAFF PORTFOLIO**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Cadre** | **No. Male** | **No. Female** | **Total No.** | **Number of PhD Holders** |
| Full Professors | 3 | 0 | 3 | 3 |
| Associate Professors | 2 | 1 | 2 | 2 |
| Senior Lecturers | 2 | 2 | 4 | 4 |
| Lecturers | 5 | 1 | 6 | 6 |
| Assistant Lecturers/Tutorial Fellows | 2 | 1 | 3 | 1 |

1. **PROJECTIONS**
   * Increased staff motivation and commitment
   * Improved quality and delivery of teaching and learning programmes
   * Improved employability of graduates in diversified fields
   * Increased internationalization of the Department
   * Increased number of graduate students in diverse fields
   * Increased visibility and uptake of Department research output
   * Enhanced student satisfaction
   * Improved staff satisfaction
   * Increased staff productivity

**ANY OTHER PERTINENT INFORMATION/ISSUE IN THE YEAR 2020.**

The Department participated in a workshop organized AERC at Egerton University whose main purpose is to disseminate research findings on the area of technology adoption, gender and trade for rural development. The Department had three students presenting workshop papers in this workshop