

1ST CALL 2011/2012 INTERNAL RESEARCH FUNDED PROJECTS

SN	Researchers	Year	Title	Category	Amount awarded (KES)
1	Mr. Michael Gachanga Kanyi Dr. George Muthaa Mr. Gilbert Abura Odilla, Mrs. Joyline Mugambi	2012	Participatory Needs Assessment for Effective University Outreach Programmes to the Neighbouring Community	Staff	500,000
2	Dr. Sammy Musundi Prof. Shem O. Aywa Dr. O.' Ombaka F. Muthengi Mugambi D. Njogu, M.	2012	On Banach Space Ideals & its Application in Computers	Staff	500,000
3	Dr. Ochieng' Ombaka Prof. Mureithi Gichumbi, J. M. Ngugi, H. Njenga	2012	Analysis of Clays from Selected Areas as Possible Raw Materials for High Quality Ceramic Products	Staff	500,000
4	Ms. Beatrice M. Mburugu Dr. V. K. Nyaga	2012	Psychological and Social Effects of Widowhood and its Coping Mechanisms: A Comparative Study of Widowed Men and Women in Meru C. District, Kenya	Student	200,000
5	Dr. Susan M. Kinyua Dr. V.K. Nyaga Dr. M. C. Chep-chieng Dr. Fr. S. Ngari	2012	Girl-Child's Attitude Towards Female Genital Mutilation, its Post-traumatic Effects and Counseling Strategies in Igamba Ng'ombe Division, Meru South District – Kenya	Student	200,000
6	Mr. Lemmy Mureti Muriuki Dr. D. N. Bururia Dr. J. K. Mutegi	2012	Assessment of Kenya's pilgrimages: A need for developing religious tourism in the coast, western and eastern provinces	Student	200,000
7	Ms. Eunice Kagendo Njue Dr. P. K. Muriungi, Dr. G. M. Muthaa	2012	Effectiveness of examination policies in management of examination malpractices in E. Province, Kenya	Student	200,000
8	Ms. Mercy Wanja Muthomi Dr. Z. K. Mbugua Prof. B. Githua	2012	Effectiveness of differentiated instruction on students' attitude and achievement in mathematics by gender in secondary schools in Meru county in Kenya	Student	200,000
9	Ms. Jane Karimi Dr. D.N. Bururia, Dr. G.M. Muthaa Dr. V.K. Nyaga	2012	Needs assessment and utilization of counseling services among students in Kenyan Universities	Student	200,000

2ND CALL 2012/2013 INTERNAL RESEARCH FUNDED PROJECTS

SN	Reseachers	Year	Title	Category	Amount awarded (KES)
1	Dr. Gichumbi J. Mwangi Mr. Ngugi H. Njenga, Dr. Ochieng Omabaka Mr. David I. Kibaara	2013	Studies of Sorption of Heavy Metals from Aqueous Solutions by Coconut Husk Charcoal, Bone Charcoal and Rice Husk Charcoal	Staff	500,000
2	Mr. Mugenda Nebat Galo	2013	Income Generating Units and Financing of Public Universities in Kenya	Staff	500,000
3	Mr. Eric Mwenda Elias Gitari Dr. G. Muthaa Dr. Peter K. Muriungi	2013	Effectiveness of Performance Contracting in Service Delivery in Public Universities in Kenya	Student	100,000

3RD CALL 2013/2014 INTERNAL RESEARCH FUNDED PROJECTS

SN	Researchers	Year	Title	Category	Amount awarded (KES)
----	-------------	------	-------	----------	----------------------

1	Dr. Onesmus Munene Nderi Prof. Levi M. Musalia Dr. Ochieng Ombaka	2014	Effects of Natural Licks in Lactating Dairy Goat Ration in Tharaka-Nithi County, Kenya	Student	100,000
2	Mr. Allan Mugambi Dr. Mwenda Mukuthuria Dr. J. M. Kobia	2014	Uchanguzi wa Makosa katika Redio Nchini Kenya: Mifano kutoka Shirika la Kenya (KBC) na Redio Citizen	Student	100,000
3	Mary Nyanjugu Karuri Dr. Peter K. Muriungi Dr. George N. King'aara	2014	A Critical Discourse Analysis of Selected Newspaper Headline Stories on Ideological Conflicts in the 2008-2013 Coalition Government in Kenya	Student	100,000
4	Ms. Grace Opetu Abucheli Mr. Martin Njogu, and ms. Caroline Omukoko	2014	Modification of Growth Environment using Shade Nets and Green Manure Media Amendment as Alternative Strategies for Management of Bacteria Soft rot (<i>Pectobacterium carotovorum</i> subsp. <i>carotovora</i>) of Calla Lily (<i>Zantedeschia</i> spp.). Reviewers: Geoffrey Gathungu, Shelmith W. Munyiri	Staff	500,000
5	Dr. Geoffrey K. Gathungu Ms. Caroline A. Omukoko	2014	Comparative Effects of Farmyard Manure and Harvesting Frequency on Insect Pest Dynamics, Leaf Yield, and Longevity of a Kales' Kitchen Garden Reviewers: Grace Abucheli, Martin Njogu,	Staff	500,000
6	Mr. Jafford N. Rithaa Ms. Lucy Mureu Mr. Lemmy Muriuki	2014	Investigation of Biodiversity, Aboveground Biomass & Soil Characteristics in Kairini Farm of Chuka University. Reviewers: Caroline A. Omukoko, Agatha M. Nthenge	Staff	500,000
7	Mr. Jones Odera Okutu Prof. L. M. Musalia	2014	Effect of Stocking Density on Energy and Nitrogen Balance and Production Characteristics in Indigenous Chicken under Intensive System in Kenya	Student	100,000
8	Mr. James Gitonga Kirimi Prof. L. M. Musalia	2014	Effect of Feeding Blood Meal on Growth Rate and Economic Performance of Nile Perch Tilapia (<i>Oreochromis niloticus</i>) in a Well Fertilized Pond	Student	100,000

4TH CALL 2014/2015 INTERNAL RESEARCH FUNDED PROJECTS

SN	Researchers	Year	Title	Category	Amount awarded (KES)
1.	Mr. E. Maragara Prof. Levi M. Musalia	2014	Meat productivity potential of goat breeds under low and high feeding regimes	Student	200,000
2.	Dr. Joyline M. Muchiri Dr. H. K. Barchok	2014	Effect of computer assisted teaching strategy on student's motivation and achievement in agriculture in secondary schools	Student	200,000
3.	Mr. Benjamin M. Kanga Dr. Veronica K. Nyaga	2014	Effectiveness of guidance & counselling services in enhancing students' adjustment to school environment in public boarding secondary schools in Kenya	Student	200,000
4.	Mr. Daniel Njane Thuo, DEDU, 2015 Dr. H. K. Barchok	2015	Relationship between teachers' self-efficacy in teaching HIV/AIDS education and students' knowledge and attitude toward sexual behavior in secondary school in coast region, Kenya	Student	200,000
5.	Mr. John K. Mwithali Dr. H. K. Barchok	2015	Psychosocial effect of imprisonment and coping mechanism among female inmates in selected prison in Kenya	Student	200,000
6.	Wilberforce Mwirichia Dr. H. K. Barchok	2015	Impact of massification on efficiency in universities: A comparative study of public and private universities in Kenya	Student	200,000
7.	Ms. Nancy Wangui Mbaka Dr. P. L. Muriungi	2015	Language change to meet modern communicative needs: an analysis of lexical changes in Gichuka from 1913 – 2013	Student	200,000
8.	Ms. Ann Hildah Gatakaa	2015	A morphosyntactic investigation into system of	Student	200,000

	Kinyua Dr. P. L. Muriungi		verbal affixation in kimwimbi, a Kenyan bantu language		
9.	Ms. Christine Atieno Peter Dr. P. L. Muriungi	2015	The use of language to create socio – political dominance in Kenyan parliamentary debates between 1992 and 2010	Student	200,000
10.	Dr. H. Kirimi Ireri Dr. P. L. Muriungi	2015	A pragmatic analysis of persuasion and emphasis in Kimuthambi	Student	200,000
11.	Ms. Lydia Kanake Kobiah Dr. H. K. Barchok	2015	Relationship between teachers' participation in curriculum development process and effective implementation of secondary sch curriculum in Kenya	Student	200,000
12.	Dr. Mark Onyango Okongo Dr. S. W. Musundi	2015	Modeling HIV/AIDS co infection with malaria and tuberculosis incorporating treatment and counseling for HIV/AIDS infection.	Student	200,000
13.	Dr. Muriuki M. Lemmy Ms. L. Mureu, Rithaa N. J. Dr. Muraya M. J. Makau Dr. Njue Cyprian	2015	Physical Effect Of Municipal Solid Waste Utilization Method and Energy Generation Prospect in Mt. Kenya Region: An Ecology Design.	Staff	500,000
14.	Dr. Eunice W. Githae Prof Adiel Magana Dr. David W. Odee	2015	Assessment of ecological and social impact of invasive <i>Opuntia</i> species (Cactus pear) in rangeland of semi-arid Kenya.	Staff	500,000
15.	Dickson Kinoti Kibetu Purity Rima Mbabu	2015	Use of aridity index and remote sensing to asse-ss impact of climate variability on food crop production & land use/cover change among smallholder farmers in Tharaka Sub County.	Staff	500,000
16.	Olivia Njiri, PHSC M. Wandia Kivata Dr. O. Ombaka P. Chiyo V. Obanda	2015	Genetic diversity and population structure of <i>Theileria</i> species infecting buffalo population in Kenya.	Staff	500,000

5TH CALL 2015/2016 INTERNAL RESEARCH FUNDED PROJECTS

SN	Writer	Year	Title	Category	Amount awarded (KES)
1.	Mr. James Muita Kinyua Prof. Levi M. Musalia	2015	Effects of Supplementing Kenya Alpine Dairy Goats Using Sweet Potato Vines Fortified with Processed Soybean Meal on Milk Production	Student	200,000
2.	Mr. Shadrach Gikunda Prof. L. Musalia	2015	Milk Production of Dairy Cattle Fed on Sorghum Grain as a Replacement of Maize Grain in Concentrate Mixture	Student	100,000
3.	Mr. Edwin Muchomba Kiria Prof. Adiel Magana	2016	Analysis of Land Use and Climate Changes on Wildlife Ecosystems Planning in Meru Conservation Area: A Spatial Multi-Criteria Evaluation	Student	150,000
4.	Mr. Antony Fundi Kariuki Dr. Eric Njagi Chomba	2016	Synthesis, Antibacterial and Mosquito Larvicidal Activities of Fluorinated Hydroxytriazine Derivatives bearing Sulphonamide Moiety and Their Co (II) and Ni (II) Complexes	Student	175,000
5.	Ms. Purity Kananu Mwangela Dr. Dickson K. Nkonge	2016	The Proliferation of the New Christian religious Movements in Meru Town, Meru County	Student	100,000
6.	Dr. David Chebutia Kemboi	2016	Seroprevalence of Brucellosis in ruminants at slaughter houses and in unpasteurised hawked milk in Chuka Town and their role in human transmission	Staff	155,000
7.	Mr. Dennis K. Muriithi	2016	Modeling and Optimisation of Multiple Responses of Watermelon to Organic Manure using Response Surface Methodology	Staff	200,000
8.	Dr. Caroline M. Kithinji	2016	Social Exclusion and Poverty of the Thagichu of	Student	200,000

	Dr. Colomba Muriungi		Igembe, Meru County Kenya from 1907 to 2015		
9.	Mr. Jackson Gikunda Njogu Dr. Colomba Muriungi	2016	Theatre and Radio advertising in Kenya: Culture, Stylistic and Popular Strategies	Student	200,000
10.	Mr. David Ithigi Kibaara Prof. Adiel M. Magana	2016	Assessment of algal diversity and biomass, their effect on physicochemical properties of water and their biological control in the economic stimulus programming fish ponds in Tharaka-Nithi County	Student	200,000

6TH CALL 2016/2017 INTERNAL RESEARCH FUNDED PROJECTS

SN	Writer	Year	Title	Category	Amount awarded (KES)
1.	Peter Kuria Nduati Dr. Geoffrey Gathungu	2016	Impact of Farm-based Activities on woody Plant Species Diversity and Structure in Maara Sub-County, Tharaka-Nithi County, Kenya	Student	100,000
2.	Pauline Wanjiru Kiragu Dr. Geoffrey Gathungu	2016	Effect of Integrating Naphthalene Acetic Acid, Staking and Mineral Nutrient on Growth, Yield and Seed Quality of Climbing Beans (<i>Phaseolus vulgaris</i> L.)	Student	200,000
3.	Antony Odek	2017	Geophysical Investigations of Mineralization of the Southern Part of Migori Greenstone Belt, Kenya	Staff	500,000
4.	Dr. Eric C. Njagi	2017	Catalytic conversion of agricultural residues to levulinic and ketal esters using mesoporous ternary oxides	Staff	500,000
5.	Edward Okana Prof. Zachary Waita	2017	Influence of Online Journalism on News Access and Choice in Kenyan Selected Universities	Student	100,000
6.	Peter Kiminza Kimile Mr. Justo Simiyu	2017	Effect of Foreign Direct Investment on Wage and Employment Levels in Kenya	Student	50,000
7.	Tore Kipng'etich Nelson Lenity K. Mugendi	2017	Effect of Interest Rate on Domestic Private Investment in Kenya	Student	15,000
8.	Ms. Martha Wanjiru Muraya Dr. G. K. Gathungu	2017	Colonialism in Kenya and its Implications on the Agikuyu Women's Indigenous Knowledge Systems on Food Crop Production in Kiambu County, 1902-1963	Student	200,000
9.	Ms. Lucy Mutare Mathai Dr. D. K. Nkonge	2017	Assessment of Alcohol and Drug Abuse Mitigation Programmes among the Youth in the Presbyterian Church Of East Africa	Student	200,000
10.	Mr. Moses Kirimi Ndunjo Dr. D. K. Nkonge	2017	Tharaka Traditional Worldview and its Implications on Christian Discipleship among Evangelicals of Tharaka Community in Tharaka-Nithi County, Kenya	Student	200,000

7TH CALL 2017/2018 INTERNAL RESEARCH FUNDED PROJECTS

SN	Writer	Year	Title	Category	Amount awarded (KES)
1.	Henry Nkoru Nabea Prof. Zachary Waita	2017	Consumers Uses and Gratifications of Commercial Websites Advertising in Kenya	Student	200,000
2.	Fredrick Ogolla Dr. Moses Muraya	2017	Characterization of sorghum leaf blight (<i>Exserohilum turcicum</i> (Pass.) Leo. And Saggs) and Determination of the effect of Environmental factors on its pathogenicity in Tharaka Nithi County, Kenya	Student	100,000
3.	Joshua Kinene Dr. Geoffrey K. Gathungu	2017	Determination of Efficacy of Neem, Tithonia and Tephrosia Leaf Extracts in Management of Root-Knot Nematodes in French Beans	Student	100,000

4.	Sioma Mulambula Dr. Geoffrey K. Gathungu	2017	Effect of Rhizobium Inoculation and Phosphorous Application on Soybean growth and Yield	Student	100,000
5.	Ann Wanjue Ngari Dr. Moses Muraya	2017	Effect of Rate and Timing of Phosphorous Application and Plant Density on Growth and Yield of Groundnuts	Student	100,000
6.	Leonard Masai Kimtai Dr. Moses Muraya	2018	Modelling and Application of Response Surface Methodology in Optimization of Common Bean (<i>Phaseolus vulgaris</i> L.) using Animal Organic Manure	Student	100,000
7.	Charles Mugendi Kinyua Dr. Moses Muraya	2018	Modelling and Application of Response Surface Methodology for Optimization of Weight Gain of Eight Week old Kenbro served with Pumpkin (<i>Cucurbita pepo</i> L.) Seed Extract	Student	100,000
8.	Ian Mwenda Kirimi Dr. Shelmith Munyiri	2018	Effects of Inoculated Cowpeas Intercrop on Maize Performance and Soil Moisture Retention in Lower Eastern Kenya	Student	100,000
9.	Vincent Makini Gichaba Dr. Haggai Ndukhu	2018	Effects of Goat Manure on Soil Chemical Properties, Growth and Yield of Garlic (<i>Allium sativum</i> L.) in Meru South Sub-County, Kenya	Student	100,000
10.	Daniel Mwangi Ileri Dr. Moses Muraya	2018	Modelling and Application of Central Composite Design for Optimization of Yields and Yield Components of Sweet Potatoes (<i>Ipomea batatas</i> (L.) Lam) Using manure and Phosphate Fertiliser	Student	100,000
11.	Fidelis Ngugi Dr. Joel Gichumbi	2018	Adsorption of Lead and Rhodamine B from Municipality Waste Water Using Agricultural Wastes, Carbon Nanotubes and Cobalt Ferrite Nanocomposites	Student	200,000

8TH CALL 2018/2019 INTERNAL RESEARCH FUNDED PROJECTS

SN	Writer	Year	Title	Category	Amount awarded (KES)
1.	Dr. Joel Gichumbi Mr. Fredrick Ogolla	2018	Assessment of Physiochemical Parameters and Microbial Contamination Status of Drinking Water in Nithi, Tharaka-Nithi County	Staff	500,000
2.	Deborah Ncuuri Kamunyu Dr. Geoffrey K. Gathungu	2018	Effects of Livestock Manure on Growth, Yield and Quality of Okra (<i>Abelmoschus esculentus</i> L. Moench)	Student	100,000
3.	Dennis Mugambi Ngari Dr. Lucy Gitonga	2018	The Practice and Factors Affecting Secondary Prevention among Adult Patients with Type 2 Diabetes Mellitus at Meru Hospital, Kenya	Student	100,000
4.	Florence Makena Munoro Dr. Lucy Gitonga	2018	Evaluation of Factors Affecting Utilization of Cervical Cancer Screening Services among Women of Child Bearing Age in Isiolo County	Student	100,000

5.	Ann Gicuku Nthigah Dr. Lucy Gitonga	2018	A Study of Factors Contributing to Unplanned Pregnancies among Nursing Students in Fidenza Nursing School and Embu Medical Training College, Embu County	Student	100,000
6.	Carlene Kathomi Muthengi Dr. Moses Muraya	2019	Utilising Trichoderma sp to Control Fusarium sp and Verticillium sp associated with Fungal Vascular Wilts of Tomatoes	Student	100,000
7.	Lynet Akoth Orao Dr. Moses Muraya	2019	Determination of the Diversity of Native Plant Growing in Kang'oki dumpsite in Thika and their Phytoremediation Potential for Heavy Metals	Student	100,000
8.	Consolata Kirigia Dr. Lucy Gitonga	2019	Determinants of Immediate Post-partum Intra-uterine Contraceptive Device Uptake among Mothers Delivering in Meru Hospital	Student	30,000
9.	John Mwiti Kaburi Dr. Lucy Gitonga	2019	Determinants of High Incidence Rates of Mental Disorders among Youths in Chuka Sub-County	Student	75,000
10.	Charity Gikunda Dr. Lucy Gitonga	2019	Patients and System Related Factors Associated with Non-Adherence to Antihypertensive Medication among Patients at Chuka Referral Hospital, Kenya	Student	50,000
11.	Sam Kibet Kimkung Dr. Moses Muraya	2019	Effects of Potassium on Yield and Quality Attributes of Soybean (Glycine max L.) Varieties in Trans Nzoia County	Student	100,000
12.	Alfred Muriithi Njeru Dr. Lucy Gitonga	2019	Emergency Preparedness and Practice of Emergency Care among Road Traffic Accident Patients at Embu County Referral Hospital, Kenya	Student	100,000
13.	Annastacia Munzi Mbisi Dr. Lucy Gitonga	2019	Foot Care Practices Among Adult Patients with Type II Diabetics Mellitus Attending Diabetes Clinics in Embu County, Kenya	Student	100,000
14.	Timothy Kinoti Kirungia Dr. Lucy Gitonga	2019	Patients' and Families' Perceptions Towards Diagnosis of Prostate Cancer in Tharaka Nithi County, Kenya	Student	60,000
15.	Ann Ncabani Mwambia Dr. Mark Okongo	2019	Mathematical Modelling of Public Sensitization Initiatives on Delays: Registration of Persons in Kenya	Student	30,000
16.	Margaret Mahiga Mwaura Prof. Dorcas K.Isutsa	2019	Optimization of Productivity, Physiology and Quality of Multi-Purpose Pumpkin (Curcubita moschata Duchesne) Using Integrated Nitrogen, Mulch and Gibberellic Acid Management	Student	200,000
17.	Anne Jerotich Michura Dr. Ochieng' Ombaka	2019	Synergistic Evaluation of Selected Plant Extracts on Potency of Botanical Formulations against Significant Coleopteran Maize Pests in Kenya	Student	200,000
18.	Magdalene Wangu Gituru Prof. John Kobia	2019	Unyambulishaji wa Vitenzi Katika Kigichugu	Student	70,000

19.	Edith Mwendu Rugendo Dr. Eric Njagi	2019	Assessment of Quality of Borehole Water in Meru South Sub-county, Kenya	Student	100,000
20.	Rachael Wangechi Karau Dr. Ochieng' Ombaka	2019	The Impact of Human Activities on the Distribution of Heavy Metals in Agricultural Soil, Plants, River Sediments and Water Quality of Athi River, Machakos County, Kenya	Student	100,000
21.	Jackline Njeri Nyaga Dr. Joel Gichumbi	2019	Green Synthesis, Structural Characterization, Antibacterial and Antifungal Studies of Novel Schiff Bases	Student	100,000

9TH CALL 2019/2020 INTERNAL RESEARCH FUNDED PROJECTS

SN	Writer	Year	Title	Category	Amount awarded (KES)
1.	Caroline Wambui Gachoki Prof. Zachary Waita	2019	Form and Content in Modern Marebeta a Performance in Gichugu Constituency, Kirinyaga County, Kenya	Student	50,000
2.	Juster Nthiga Mungiria Dr. Lucy Gitonga	2019	Patterns and Causes of Suboptimal Response to Non-Nucleoside Reverse Transcriptase Inhibitor Based Therapy in Patients Receiving Antiretroviral Therapy in Selected Counties in Kenya	Student	200,000
3.	John Kimathi Nkanatha Dr. Rose Kimani	2019	Vernacular Television and Social Development: The Case of Baite Television	Student	200,000
4.	Annarita Kajuju Mwenda Dr. Lucy Gitonga	2019	Health Seeking Behaviour and Lifestyle Modification Strategies of Hypertensive Patients in Imenti North Sub-County, Kenya	Student	30,000
5.	Mercy Kagwiria Mbui Dr. Humphrey Ireri	2019	An Analysis of the Discourse of Kenya Commercial Banks Television Advertisements	Student	50,000
6.	Wanja E.M. Kangangi Prof. Zachary Waita	2019	Reading the Romance Motif in Narrative Construction of Selected Gikuyu Popular Songs	Student	130,000
7.	Dr. Paul Kamweru Dr. Gichumbi J.M Prof. Francis Nderitu	2020	Synthesis and Characterization of Novel Composites with Potential Applications in Adsorption of Organic Compounds, Building and Construction and in Electronic Industry	Staff	950,000
8.	Jane Gatwiri Ireri Dr. Paul Kamweru	2020	Changes in Mechanical and Structural Properties of the Golden Orb Weaving Spider's Dragline Silk Due to Spinning, Speed, Ambient Temperature and Aging	Student	80,000
9.	Isaiah Kiprop Keter Dr. Grace Abucheli	2020	Effects of Earthing up and Pruning Systems on Growth, Yield, Net Economic Benefits and Post-harvest Qualities of Tomato (<i>Lycopersicon esculentum Mill.</i>)	Student	100,000

10.	Felister Kemunto Mbaka Dr. Haggai Ndukhu	2020	Effect of Rhizobium Inoculation and Rock Phosphate Fertilizer Application on Soil Fertility and Performance of Green-grams (<i>Vigna radiate</i>) in Tharaka Nithi County	Student	100,000
11.	Ruth Wairimu Ndung'u Dr. Paul Kamweru	2020	Instrumentation Design and Determination of Extracellular Electric Potential in Spinach Resulting from Abiotic Changes	Student	100,000
12.	Rachael Wambui Njiru Dr. Moses Muraya	2020	Effect of Poultry Manure NPK Fertilizer and Pinching on Growth, Yield and Post-harvest Quality of Butternut (<i>Cucurbita moschata</i>)	Student	100,000
13.	Collince Omondi Awere Dr. Eunice Githae	2020	Phytochemical Analysis of Crude Extracts of <i>Tithonia diversifolia</i> and <i>Kigelia Africana</i> and their Antimicrobial Activities against <i>Fusarium oxysporum</i> in Tomatoes	Student	100,000
14.	Jane Kathure Mbae Dr. Zipporah Muthui	2020	Structural and Electronic Properties of XO_2 ($X=Ti,Zr$) and Alkaline Earth Metal Doped XO_2 ($X=Ti,Zr$) using Density Functional Theory: Prediction of Photocatalysts for Water Treatment	Student	100,000
15.	David Mwangi Kihoro Dr. Geoffrey Gathungu	2020	Assessment of Socio-Economic and Institutional Factors Affecting Optimization of Coffee Production in Chuka Sub-County, Kenya	Student	100,000
16.	Judith Murugi Gitari Dr. Moses Muraya	2020	Bioprospecting of Actinomycetes for Production of Bioactive Compounds with Antibacterial Properties from Various Soils in Tharaka-Nithi County, Kenya	Student	200,000
17.	Joseph Mugendi Njue Prof. Adiel Magana	2020	Effects of Agricultural Nutrient Pollution on Phytoplankton Diversity, Fish Biomass and Water Quality in Kamburu Dam, Kenya	Student	200,000
18.	Dr. Zipporah Muthui Dr. Eric Njagi	2020	Prediction and Fabrication of TiO_2 Based Transition Metal Compounds for Photocatalytic Applications	Staff	930,000
19.	Dr. James Kirimi Kiriamana Deborah J.O., Irungu F.G. et al	2020	Diversity, Distribution & Post Harvest Handling of Banana Cultivars in Major Producing Counties in Eastern Region	Staff	330,500
20.	Simon Mburu Wambui	2020	Upscaling Soybean Production through identification of Effective <i>Bradryhizobium inoculum</i> to Promote Food Security in Embu and Tharaka Nithi Counties	Staff	500,000
21.	Lynet Makena Dr. Silas Kiruki	2020	Impact of Low and High Dose of Geographically different Varieties of <i>Catha Edulis</i> Forsk Extracts and Cathinone on Rat and Testicular Physiology	Student	175,000
22.	Jackline Ndanu Kathurah Dr. Grace Abucheli	2020	Comparative Effects of Inorganic and Organic Nitrogen Fertilizer Sources on Growth, Yield and quality of Celery	Student	99,000

23.	Josephat Karuthi Muigai Dr. Miriam Thogori	2020	Assessment of Socio-economic and Production Factors Influencing Uptake of Banana Value Addition in Chuka Sub-County, Kenya	Student	99,000
-----	---	------	--	---------	--------