

SCHOOL OF PURE AND APPLIED SCIENCES- KU
44th POSTGRADUATE SEMINAR PROGRAMME – MASTER GRADUANDS

THEME : *“Education and Research for Economic Prosperity”*
VENUE : **VIRTUAL**
SEMINAR FACILITATOR : **DR. EVANS CHANGAMU**
DATE : **THURSDAY 1ST DECEMBER, 2022**

PROGRAMME:

TIME:	9.00 – 9.05AM:	PRAYER	-	PROF. RUTH WANJAU
	9.05 – 9.10AM:	WELCOME ADDRESS	-	DR. EUNICE KAIRU (CHAIRMAN, SBPS)
	9.10 – 9.25AM:	OPENING REMARKS	-	EXECUTIVE DEAN, SPAS – PROF. MICHAEL M. GICHERU

CHAIRMAN: DR. EUNICE KAIRU**ALL STUDENTS****RAPPORTEUR: DR. FIDELIUS MAGERO**

S/NO	TIME	NAME & REG. NO.	DEPARTMENT	DEGREE	TITLE OF THESIS	SUPERVISOR
1.	9.25 – 9.35am	Agola Faith Caroline I56/CE/22624/2011	Chemistry	<i>M.Sc</i> <i>(Chemistry)</i>	Phytochemical and Mosquito Larvicidal Studies of <i>Stachytarpheta Urticifolia</i> (SIMs)	Dr. Alphonse W. Wafula Dr. Ram Manohar
2.	9.35 – 9.45am	Nyaga Julian Wanja I56/38673/2017	Biochemistry, Microbiology and Biotechnology	<i>M.Sc</i> <i>(Biotechnology)</i>	Potential of Rhizobia and Arbuscular Mycorrhizal Fungi to Enhance Nitrogen Fixation and Growth of Cowpea Genotypes in Eastern Kenya	Dr. Ezekiel Mugendi Prof. Richard O. Oduor
3.	9.45-9.55am	Paul Ochieng Nyalo I56/27698/2018	Biochemistry, Microbiology and Biotechnology	<i>M.Sc</i> <i>(Biotechnology)</i>	<i>In Vitro</i> Antibacterial and Antioxidant Activities of Ethyl Acetate Extracts of <i>Xerophyta spekei</i> (Baker), <i>Senna singueana</i> (Delile) and <i>Grewia tembensis</i> (Fresen)	Dr. Mathew Piero Ngugi Dr. George I. Omwenga

4.	9.55-10.05 am	Olwenya Fredrick Igunza I56/CE/11623/2008	Biochemistry, Microbiology and Biotechnology	<i>M.Sc</i> (<i>Medical Biochemistry</i>)	In <i>Vitro</i> Modulation of Clotrimazole, Ketoconazole, Nystatin, Amphotericin B and Griseofulvin by <i>Acmella Caulirhiza</i> and <i>Senna Didymobotrya</i> Extract against <i>Candida Species</i>	Prof. Joseph J. Ngeranwa Dr. George O. Orinda
5.	10.05-10.15	Muruo Rose Mweru I56/CIY/PT/32757 /2015	Biochemistry, Microbiology and Biotechnology	<i>M.Sc</i> (<i>Biotechnology</i>)	Performance and Nutritional Assessment of Transgenic Tropical Maize (<i>Zea Mays L.</i>) Harboured Isopentenyl Transferase Gene Under Drought Stress	Dr. Mathew Piero Ngugi Prof. Richard Okoth Oduor

HEALTH BREAK

CHAIRMAN: PROF. CHANDRA SINGH

RAPPORTEUR: DR. FREDRICK MALOBA

GROUP 1

6.	10.30-10.40 a.m.	Franklin Muchiri Gitari I56/39113/2016	Geography	<i>M.Sc</i> (<i>Integrated Watershed Management</i>)	Effects of Oil Production on Groundwater Levels in Lokichar Basin, Turkana County, Kenya, Kenya	Dr. Mary Makokha Prof. Christopher A. Shisanya
7.	10.40-10.50 a.m.	Naomi Auma Odero I56/33491/2014	Geography	<i>M.Sc</i> (<i>Integrated Watershed Management</i>)	Socio-Economic Determinants of Integrated Floods Management for Vulnerability Reduction in Kano Plains, Kisumu County, Kenya	Dr. Kennedy Obiero Dr. Mary Makokha
8.	10.50 -11.00a.m.	Omolo Samuel	Biochemistry,	<i>M.Sc</i>	Molecular Characterization of	Dr. Susan Musembi

		Oliech I56/CTY/PT/28503 /2014	Microbiology and Biotechnology	(<i>Biotechnology</i>)	TP53 Gene Diversity among Elephant Populations in Kenya	Dr. Moses Yongo
9.	11.00 –11.10 am	Riithi Naomi Nyambura I56/37163/2016	Zoological Sciences	M.Sc (<i>Medical Entomology</i>)	Efficacy of Fabric Panels Impregnated with <i>Metarhizium Anisopliae</i> against Adult <i>Glossina Fuscipes Fuscipes</i> in Manga and Magare Islands, Lake Victoria, Kenya	Prof. Elizabeth D. Kokwaro Dr. Michael N. Okal
10.	11.20 -11.30 am	Ngari Vindesio Njagi I56/CE/28202/2015	Physics	M.Sc (<i>Physics</i>)	Levels of Natural Radionuclides in Khat (<i>Catha edulis</i>) Leaves and Soils in Selected Areas in Embu County, Kenya	Dr. Nadir Hashim Dr. Abdallah Merenga

GROUP 2.

CHAIRPERSON: DR. MARY MAKOKHA

RAPPORTEUR: DR. GEORGE OMWENGA

11.	11.30 -11.40 a.m.	Adongo Judith Miriam I56/30991/2015	Geography	M.Sc (<i>Hydrology and Water Resources</i>)	Assessment of Seasonal and Spatial Variations in Groundwater Quality of Kamiti- Marengeta Sub- Catchment in Kiambu County, Kenya	Dr. Mary Makokha Prof. Joy Obando
12.	11.40 – 11.50 a.m	Chelangat Irine Sugut I56/30601/2015	Biochemistry, Microbiology and	M.Sc (<i>Biotechnology</i>)	Selection of <i>Striga</i> Resistant Sorghum	Prof. Steven Runo Dr. Mark Wamalwa

			Biotechnology		Accessions in East Africa and Identification of Associated Genes Using Genome Wide Association Studies	
13.	11.50 – 12.00 p.m.	Calvins Okoth Odero I56/30983/2015	Biochemistry, Microbiology and Biotechnology	<i>M.Sc</i> <i>(Biotechnology)</i>	Response of Farmer Preferred Maize (<i>Zea mays</i> L.) Varieties Screened against <i>Striga hermonthica</i> (Del.) Benth, Western Kenya	Prof. Steven Runo Prof. Richard Oduor
14.	10.30 -10.40 a.m	Mumbi Janety I56/CE/28640/2015	Chemistry	<i>M.Sc</i> <i>(Applied Analytical Chemistry)</i>	Cooking Effects on Folate and Ascorbic Acid Levels in Selected African Indigenous Vegetables from Githurai Market, Nairobi City County, Kenya	Prof. Ruth Wanjau Prof. Jane Murungi
15.	10.40 -10.50 a.m.	Justus Kyalo Kasivalu I56/CTY/PT/37179/2017	Biochemistry, Microbiology and Biotechnology	<i>M.Sc</i> <i>(Biotechnology)</i>	Molecular Detection and Characterization of <i>Pasteurella multocida</i> Infecting Camels in Marsabit and	Dr. George I. Omwenga Dr. Gabriel O. Aboge

					Turkana Counties, Kenya	
16.	10.50 – 11.00 a.m.	Stephen Mugambi Maithulia I56/CE/25999/20 11	Biochemistry, Microbiology and Biotechnology	M.Sc <i>(Biotechnology)</i>	In <i>Vitro</i> Antimicrobial Activity and Toxicity of Selected Medicinal Plants Used to Manage	Prof. Eliud M. Njagi Dr. John M. Maingi Dr. David N. Mburu
17.	11.00 – 11.10 a.m.	Washington Wachira I56/32707/2015	Zoological Sciences	M.Sc <i>(Animal Ecology)</i>	Distribution of Raptors in the City Metropolitan, Nairobi, Kenya	Dr. James Jumbe Dr. Jemimah Simbauni Dr. Munir Virani
18.	11.10 – 11.20 a.m.	Katoo Alexander Athanas I56/CE/24523/20 12	Biochemistry, Microbiology and Biotechnology	M.Sc <i>(Biotechnology)</i>	Morphological and Genetic Characterization of Pigeon Pea	Dr. Mathew P. Ngugi Prof. Eliud M. Njagi

END OF 44TH POSTGRADUATE SEMINAR FOR JULY, 2022 MASTERS GRADUANDS