

SCHOOL OF PURE AND APPLIED SCIENCES- KU

50TH POSTGRADUATE SEMINAR PROGRAMME – MASTERS & PH.D GRADUANDS

THEME: *"INNOVATING EDUCATION AND RESEARCH FOR THE DIGITAL WORLD"*

VENUE: VIRTUALLY

SEMINAR FACILITATOR: DR. FIDELIUS MAGERO

DATE: 4TH NOVEMBER, 2025

THE SEMINAR LINK: : <https://meet.google.com/izm-rqka-zvk>

TIME: 8.00 – 9.00AM: REGISTRATION

9.00 – 9.05AM: WELCOME ADDRESS – DR. EUNICE KAIRU (CHAIRMAN, SBPS)

9.05 – 9.15AM: OPENING REMARKS – EXECUTIVE. DEAN, SPAS – PROF. MATHEW PIERO NGUGI

9.15 – 9.45AM: KEYNOTE ADDRESS –

CHAIRMAN: DR. EUNICE KAIRU ALL STUDENTS RAPPORTEUR: DR. EMILY WABUYELE						
S/N O	TIME	NAME & REG. NO.	DEPARTMEN T	TITLE OF THESIS	DEGREE	SUPERVISOR
1.	10.10-10.30 a.m.	Wilbroda Wasonga -	Zoological	Immune Enhancing Potential Of	PHD	Prof. Michael Gicheru

		I84/24457/2013	Sciences	Moringa Oleifera Leaf Powder In HIV/AIDS Patients At Mbagathi County Hospital, Nairobi, Kenya	(Immunology)	Dr. Elizabeth Mumbi Kigundu Dr. Wanyoro A. Karanja
2.	10.30 -10.40 a.m	Lawi Emmanuel Mwangome - I56/CE/37755/2016	Biochemistry, Microbiology and Biotechnology	Seroprevalence, Genetic Diversity, And Drug Resistance Of Hepatitis B Virus Among Gravid Women Attending Antenatal Clinic In Saretho Health Centre In Dadaab - Garissa,	MSC (Medical Microbiology)	Prof. Anthony Kebira Dr. Regina Ntabo
3.	10.40 - 11.00 a.m.	Auwal Magaji Abubakar - E83F/27176/2018	Computing & Information Science	Management Of Institutional Repositories And Service Delivery In Selected Agricultural Research Institutes In North Western Nigeria	PHD (Information Science)	Dr. Martin Gichugu Dr. Peter Wamae

11.00 – 11.30 p.m.

HEALTH BREAK

CHAIRMAN: PROF. C.S SINGH

RAPPORTEUR: DR. HARRISON KIBOGO

S/N O	TIME	NAME & REG. NO.	DEPARTMEN T	TITLE OF THESIS	DEGREE	SUPERVISOR
1.	11.30-11.50 a.m.	Annah Hoka Indetie - I84/21977/2012	Zoological Sciences	Metabolites And Hormones As Indicators Of Postpartum Reproductive Efficiency Of Supplemented Pasture-Based Fresian Dairy Cows At KALRO, Lanet, Nakuru County, Kenya	PHD (Animal Physiology)	Prof. Michael Gicheru Dr. Syprine Otieno
2.	11.50-12.00 p.m.	Mawira Kelvin Mawira - I56/33168/2015	Biochemistry, Microbiology and Biotechnology	In Vitro Anthelmintic Activity Of Methanol Extracts Of Selected Kenyan Medicinal Plants Against Haemonchus Contortus	MSC (Biochemistry)	Prof. Joseph J. N. Ngeranwa Dr. John K. Mwonjoria Dr. Joseph Nginyi

3.	12.00 - 12.10 p.m	Habtom Araya Haylemaryam - I56F/21420/2021	Zoological Sciences	Prevalence Of Gastro-Intestinal Parasites In Sheep And Goats And Zoonotic Helminthes In Asiyarara Slaughterhouse In Wajir Region, Eritrea	MSC (Applied)	Dr. Fredrick Maloba Dr. Joshua Mutiso Dr. Efrem Ghebremeskel
4.	12.10 -12.20 p.m.	Annette Imali - I56/CE/28932/2015	Physics	Electrical And Optical Characterization Of Indium-Doped Zinc Sulphide And Lead Sulphide Thin Films For Photovoltaic Cell Applications	MSC (Electronics And Instrumentation)	Dr. Raphael Nyenge Dr. Mathew Munji
5.	12.20--12.30 p.m.	Nyang'au Agatha Kemunto - I56/CTY/PT/25939/2 013	Biochemistry, Microbiology and Biotechnology	Bioethanol Production From Dilute Acid -Pretreated Rice And Sorghum Biomass Via Enzymatic Hydrolysis And Fermentation	MSC (Biotechnology)	Prof. Eliud N. M. Njagi Dr. George I. Omwenga
6.	12.30 -12.40 p.m.	Rotich Kipkoech Japhet - I56/CE/34136/2016	Biochemistry, Microbiology and Biotechnology	Analysis Of Mating System And Gene Flow Patterns Of Volkensii Within Clonal Seed Orchard In Kibwezi Using Microsatellites	MSC (Biotechnology)	Dr. George Ochieng Asudi Dr. Stephen Omondi
7.	12.40 - 12.50 p.m.	Maina Sharon Mwagira - I56/38473/2016	Biochemistry, Microbiology and Biotechnology	Species Composition Of Anopheles Gambies S. L. Genetic Characterization Of Insecticide Resistance And Association Of KDR And ACE-1R Markers With The 2LA Inversion Marker For Mosquito Resting Behavior In Selected Sites In Kenya	MSC (Biotechnology)	Prof. Steven Runo Dr. Luna Kamau
8.	12.50 -1.00 p.m.	Adelaide Wambui Maina - I56/26638/2011	Plant Sciences	Ethnobotanical Survey, Phytochemical Screening And Antimicrobial Analyses Of Selected Medicinal Plants Used In Traditional Medicine In Kieni, Kiambu County, Kenya	MSC (Ethnobotany)	Prof. Grace Gatheri Dr. John Maingi

9.	1.00 -1.10 p.m.	Wafula Moses Muyala - I56/CE/24045/2012	Zoological Sciences	Spatial Distribution Of Maize-Raiding By Monkeys, Damage Level And Economic Loss In Farms Bordering Saiwa Swamp Trans-Nzoia County, Kenya	MSC (Animal Ecology)	Dr. James Jumbe Dr. Eunice Kairu
10.	1.10 - 1.20 p.m.	Muthee Eunice Wothaya - I56/38031/2017	Biochemistry, Microbiology and Biotechnology	Unveiling Bioactive Potential Of Methanol And Dichloromethane Extracts Of Ficus Sycomorus L: Linking Phytochemical Composition To Anti-Inflammatory Activity	MSc. (Biotechnology)	Prof. Mathew Piero Ngugi Prof. Alex K. Machocho

GROUP 2

CHAIRPERSON: DR. MARY MAKOKHA

RAPPORTEUR: DR. KEVIN KINYUA

S/N O	TIME	NAME & REG. NO.	DEPARTMEN T	TITLE OF THESIS	DEGREE	SUPERVISOR
1.	11.30-11.50 a.m.	Pauline Ruguru Njagi - E83/CTY/20037/2020	Computing & Information Science	Preparedness Of Academic Libraries For The Adoption Of Research Data Management; A Case Of Selected University Libraries In Kenya	PHD (Information Science)	Dr. Gitau Njoroge Dr. Ronald Bituka
2.	11.50-12.00 p.m	Careen Ihazano Chumba - I56/37053/2016	Biochemistry, Microbiology and Biotechnology	Phytochemical And Elemental Composition, Ameliorative Potential And Safety Of Aqueous Extracts Of Selected Medicinal Plants Against Pyrexia, Inflammation And Pain	MSC (Biotechnology)	Prof. Eliud Njagi Prof. Mathew Piero Ngugi
3.	12.00-12.20 p.m.	Mutua David Nzioka - I84/33739/2015	Biochemistry, Microbiology and Biotechnology	Establishment Of Hematological And Biochemical Reference Intervals For Pregnant And Nonpregnant Women In Nairobi, Kenya	PHD (Medical Biochemistry)	Prof. Eliud N.M. Njagi Dr. George O. Orinda

4.	12.20 -12.30 p.m	Onyango Anne Wendy Adhiambo - I56/27017/2014	Biochemistry, Microbiology and Biotechnology	Impact Of Daily Acetylsalicylic Acid Intake On Commensal Vaginal Bacteria And Yeast	MSC (Medical Microbiology)	Prof. Anthony Kebira Prof. Keith Fowke
5.	12.30 -12.40 p.m.	Mayau John Kirimi - I56/CE/25294/2018	Chemistry	Antioxidant Activity, Phytochemical Content And Antibacterial Activity Of Extracts Of Aloiaampelos Ciliaris	MSC (Chemistry)	Prof. Wilson Njue Dr. Henry Mwangi Dr. John Maing
6.	12.40 -12.50 p.m.	Dennis Kipngeno Cheruiyot - I56/28859/2019	Biochemistry, Microbiology and Biotechnology	Isolation And Characterization Of L - Asparaginase Producing Endophytic Fungi Inhabiting Prunus Africana And Periploca Linnearifolia	MSC. (Biotechnology)	Dr. George Isanda Omwenga Prof. Eliud N. M. Njagi
7.	12.50-1.00 p.m	Harrison Kibe Kamore - I56/37504/2017	Biochemistry, Microbiology and Biotechnology	Characterization And Biocontrol Of Pathogenic Microorganisms Associated With Commonly Grown Banana Cultivars In Embu, Kisii And Nyamira Counties, Of Kenya	MSC. (Microbiology)	Prof. Ezekiel Mugendi Njeru Dr. Shem Nchore
8.	1.00-1.10 p.m	Rungua Chiro Rungua - I56/25420/2014	Zoological Sciences	Behavioral Response Of Glossina Pallidipes To Trypanosome-Induced Semiochemicals Under Laboratory And Field Conditions In Kwale	MSC (Applied Parasitology)	Dr. Jenard Patrick Mbugi Dr. Lucy Muthoni Kamau
9.	1.10 - 1.20 p.m	Wanderi Gladys Wamaitha - I56/28155/2014	Biochemistry, Microbiology and Biotechnology	Therapeutic Promise Of Aqueous Extract Of Portulaca Oleracea L Antioxidant And Anti-Inflammatory Effects.	MSC (Biochemistry)	Prof. Mathew Piero Ngugi Dr. Fredrick Mwamburi Mjomba
10.	1.20 -1.30 p.m.	Silas Githenji	Biochemistry,	Antibiogram Patterns And Resistance	MSC	Prof. Anthony Kebira

		Muguongo - I56/CE/24951/2012	Microbiology and Biotechnology	Genes Associated With Aerobic Bacterial Contaminants Present In Circulating Kenyan Bank Notes In Nyeri Town	(Microbiology)	Dr. John Maingi
	1.30 - 1.50 p.m	PLENARY				
		CLOSING PRAYER				