

**MSC YEAR 2: PROPOSAL PRESENTATION**  
**SESSION I: ANALYTICAL CHEMISTRY (FRIDAY 19<sup>TH</sup> NOVEMBER, 2021)**

**Chair: Dr F. Odour; Secretary: D.V.O. Madadi.**

**Chief evaluators: Prof. D. Orata, Dr. J.G.N. Kithure; Dr. F.H. Were; Dr D.A. Abong'o; Dr G.O. Bosire; Dr. B. Wamalwa,**

S/N	NAMES (REG. NO)	TITLE OF RESEARCH	PRESENTATION TIME
1	KING'OO SCOLAH (I56/37900/2020)  <a href="mailto:i56379002020@students.uonbi.ac.ke">i56379002020@students.uonbi.ac.ke</a>	Determination of Levels of Essential Trace Elements in Selected Medicinal Plants in Kiambu county, Kenya.	2:00pm-2.30 pm
2	KARIUKI SARAH MUTHONI (I56/38027/2020)  <a href="mailto:kariukim88@students.uonbi.ac.ke">kariukim88@students.uonbi.ac.ke</a>	Soil Erosion Prediction for Identification of Degradation Hot Spots for Implementation of Conservation Measures: The Case of Thwake River Dam Catchment Area, Kenya.	3:00pm-3.30 pm
3	AMUKO GODFREY MAINA (I56/38937/2020)  <a href="mailto:godfreymaina@students.uonbi.ac.ke">godfreymaina@students.uonbi.ac.ke</a>	Investigation of Sediment Load and Control Analysis in Thwake and Athi Rivers Catchment Area Using Shetran Model	2:30pm-3.00 pm
4	Kipngeno Michael Mutai (I56/37243/2020)  <a href="mailto:kipngenomike2013@students.uonbi.ac.ke">kipngenomike2013@students.uonbi.ac.ke</a>	Assessment of Selected Major Inorganic Nutrients and Heavy Metals in Soils from Tea Farms, Water and Sediments from Nyangores River, Nakuru County, Kenya	3:30pm-4.00 pm
5	MERCY WANJIKU MBURU (I56/37901/2020)  <a href="mailto:mercymburu@students.uonbi.ac.ke">mercymburu@students.uonbi.ac.ke</a>	Determination of Essential Minerals in Some Leafy Indigenous Green Vegetables in Kiambu and Kajiado County, Kenya	4:00pm-4.30 pm

## MSC YEAR 2: PROPOSAL PRESENTATION

### SESSION II: MSC IN ENVIRONMENTAL CHEMISTRY (FRIDAY 26<sup>TH</sup> NOVEMBER, 2021)

Chair: Dr V. Madadi; Secretary: Dr G.O. Bosire

Chief evaluators: Prof. D. Orata; Prof. A.O. Yusuf, Dr. F. Oduor, Dr. J.O. Onyatta, Dr. R. Odhiambo, Mr. A.G. Wafula, Mr. C. Mirikau

S/N	NAMES (REG. NO)	TITLE OF RESEARCH	PRESENTATION TIME
6	Zindzi Kwavayi (I56/38381/2020) <a href="mailto:kzindzi@students.uonbi.ac.ke">kzindzi@students.uonbi.ac.ke</a>	Evaluation of Selected Transition Metals Content in Vegetables from Supermarkets in Nairobi	2:00pm-2.30 pm
7	Ogolla Pollitt Awuor (I56/37197/2020) <a href="mailto:pollitt@students.uonbi.ac.ke">pollitt@students.uonbi.ac.ke</a>	Quality Assessment of Hydroponically Produced Tomatoes ( <i>Lycopersicon esculentum</i> ): Quality and Safety to the Consumer	2:30pm-3.00 pm

### SESSION III: MSC IN CHEMISTRY (FRIDAY 26<sup>TH</sup> NOVEMBER, 2021)

Chair: Dr Alber Ndakala; Secretary: Dr Solomon Derese;

Chief evaluators: Prof. A.O. Yusuf; Prof. L. Kerubo; Prof. Abiy Yenesew, Prof. John Onyari; Dr John Wanjohi, Dr. J. Mwaniki, Dr Beth Ndunda

S/N	NAMES (REG. NO)	TITLE OF RESEARCH	PRESENTATION TIME
8	OINDO CELESTINE ADHIAMBO, (I56/38305/2020) <a href="mailto:oindo_celestine@students.uonbi.ac.ke">oindo_celestine@students.uonbi.ac.ke</a>	Isolation and Characterization of Anticancer Principles from <i>Bersama engleriana</i>	3:00pm-3.30 pm
9	Nicholas Mwanzia Kamuti (I56/38826/2020) <a href="mailto:nickmwanzia1996@gmail.com">nickmwanzia1996@gmail.com</a>	Phytochemical Investigation of <i>Dalbergia melanoxylon</i> for Anticancer Principles	3:30pm-4.00 pm

**MSC YEAR 2: PROPOSAL PRESENTATION**  
**SESSION IVA: MSC IN INDUSTRIAL CHEMISTRY (FRIDAY, 03<sup>RD</sup> DECEMBER, 2021)**

**Chair: Dr. Damaris Mbui; Secretary: Dr. P. Tum;**

**Chief evaluators: Prof. D.K. Kariuki, Prof. J.P. Kithinji, Dr. M. Mukabi, Dr. F. Were, Dr. J. Wambomba, Dr. F. Mwazighe**

<b>S/N</b>	<b>NAMES (REG. N0)</b>	<b>TITLE OF RESEARCH</b>	<b>PRESENTATION TIME</b>
10	JUSTUS OMWEGA MOGUSU (I56/33821/2019) <a href="mailto:jomwega@students.uonbi.ac.ke">jomwega@students.uonbi.ac.ke</a>	Removal of Organic Pollutants from Wastewater by Photodegradation of EDTA – Doped Zinc Oxide Nanoparticles	2:00pm-2.30 pm
11	JOSHUA ONGIRI MONGERA (I56/37665/2020) <a href="mailto:mongerajoshua@students.uonbi.ac.ke">mongerajoshua@students.uonbi.ac.ke</a>	Characterization of Charcoal Briquettes from Corn Maize and Sugarcane Agricultural Wastes in Comparison to Convectional Charcoal from Acacia Tree	2:30pm-3.00 pm
12	KIOKO JOHN MUTUA (I56/36100/2019) <a href="mailto:jmutua.kioko90@students.uonbi.ac.ke">jmutua.kioko90@students.uonbi.ac.ke</a>	Application of Concrete Waste as Replacement of Pozzolana in Formulation of Portland Pozzolana Cement	3:00pm-3.30 pm
13	OMULAMI JERMAINE ONYANDO. (I56/38808/2020) <a href="mailto:jermaine.omulami@students.uonbi.ac.ke">jermaine.omulami@students.uonbi.ac.ke</a>	Assessment of Particulate Matter and Combustible Gaseous Pollutants Emitted from Selected Cement Factories in Athi river Machakos county Kenya	3:30pm-4.00 pm

**MSC YEAR 2: PROPOSAL PRESENTATION**  
**SESSION IVB: MSC IN INDUSTRIAL CHEMISTRY (FRIDAY 10<sup>TH</sup> DECEMBER, 2021)**

**Chair: Dr. Damaris Mbui; Secretary: Dr. J.O. Onyatta**

**1. Chief evaluators: Prof. D.K. Kariuki, Prof. J.P. Kithinji, Dr. M. Mukabi, Dr. F. Were, Dr. N Njomo, Dr. J. Wambomba, Dr. F. Mwazighe,**

<b>S/N</b>	<b>NAMES (REG. NO)</b>	<b>TITLE OF RESEARCH</b>	<b>PRESENTATION TIME</b>
14	Sylvia Wagio Kamau (156/38406/2020) <a href="mailto:sylviawagio@students.uonbi.ac.ke">sylviawagio@students.uonbi.ac.ke</a>	The Role of Processing Techniques on the Quality of Brewed Kenyan Black Tea	2:00pm-2.30 pm
15	Charles Kiprotich Langat (156/37322/2020) <a href="mailto:charles.langat@students.uonbi.ac.ke">charles.langat@students.uonbi.ac.ke</a>	Design and Fabrication of Hydrothermal Liquefaction Reactor for Production of Bioasphalt from Solid Waste an Alternative Binder in Road Construction	2:30pm-3.00 pm
16	Sabatia Celestine Okisa* (156/38704/2020) <a href="mailto:celeineokisah@students.uonbi.ac.ke">celeineokisah@students.uonbi.ac.ke</a>	Anodic Stripping Voltammetry method for arsenic monitoring in groundwater	3:00pm-3.30 pm
17	Bail Sitoya (156/37100/2020) <a href="mailto:basilcyprian95@gmail.com">basilcyprian95@gmail.com</a>	Formulation of an optimal structural plaster for walls of manyatta of the Maasai people	3.30pm-4.00pm

Submitted the Concept note late (MSc j Analytical Chemistry)