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KEYNOTE LECTURE: From Hunger and Starvation to Sufficiency: Proffering Solutions to Africa's Predicament.

Prof. M. O. Akoroda

DAY 1 – MONDAY 8 MAY, 2017

Plenary Lecture 1 – Inclusive Sustainability and Human Capital: How far can the SDGs go?

Speaker: Professor Olanrewaju Olaniyan

Director, Centre for Sustainable Development (CESDEV), University of Ibadan.

Chairman: Prof. M. O. Sanni

Discussion on Plenary Lecture

VENUE: LAW AUDITORIUM

TRACK A

Sub-Themes: 1. Scientific Research for Food Security and Sustainable Development.

2. Sustainable Development through Women Empowerment, Maternal and Child care.

Chairman:	Prof. O. O. Akinnawo
Rapporteur 1:	Dr. A. A. Olanbiwoninu
Rapporteur 2:	Dr. O. Babatunde

OPA 01 (2:50 – 3:05 am)

Coldspots and Hotspots of Agriculture in Nigeria: Any Hope for Youth and Women?

Abioye Oyewale and Ogunniyi Adebayo

OPA– 02 (3:10 – 3:25 pm)

CORRELATION BETWEEN OIL, PROTEIN AND CARBOHYDRATE CONTENT OF PLANT SEEDS, SKIN, FRUIT PULP AND SEED RESIDUE

AJAYI I. A, BABATUNDE O., OGUNWALE O. P. AND AJAYI O. O.

OPA– 03 (3:30 – 3:45 pm)

FUNGAL OCCURANCE IN SOME BREAD PRODUCED IN KANO STATE, NIGERIA
Abubakar, A. I, Ishaq, S. A, Rabi, H. D, Hassan, K. S, Halliru, S. N

OPA– 04 (3:50 – 4:05 pm)

ECHINODERM NEUROPEPTIDES: A PERSPECTIVE FROM CULTURE AND CONSERVATION OF SEA CUCUMBER

AJAYI Abayomi

OPA– 05 (4:10 – 4:25 pm)

MANAGING SUGAR CANE WASTE FOR PAPER PRODUCTION: TOWARDS ENHANCING YOUTH EMPOWERMENT

Funke Chris Ifeta and Adeyemi, Damilola Akpo Ifeta

OPA– 06 (4:30 – 4:45 pm)

Determination of Viscosity of Local Honey by Falling Sphere Viscometer Method.

Olatunji Adewale and Adebisi Michael

OPA– 07 (4:50 – 5:05 pm)

ECONOMICS OF MAIZE (*ZEA MAYS L.*) PRODUCTION IN NIGERIA AND MAIZE TRADITIONAL UTILIZATION

ADIAHA Monday Sunday

PPA 01 (5:20 – 5:30 pm)

GARI PROCESSING FROM CASSAVA IN PERSPECTIVE

SANNI, Morenike Olayinka

PPA 02 (5:20 – 5:30 pm)

SURVIVAL RATE OF SELECTED FOOD BORNE PATHOGENS IN SOME PARTY FOODS

OLANBIWONINU, A. A., OLUWANIRAN, O.O., BANWO, K., ODUNFA, S.A.

PPA 03 (5:20 – 5:30 pm)

A BACTERIUM LIPASE (*Pseudomonas fluorescens*) FROM A POLLUTED SOIL.
Popoola, B.M* and Onilude, A.A, Fakayode I.B.

PPA 04

COMPARATIVE STUDY BETWEEN CONVENTIONAL ANTIBIOTICS AND MEDICINAL PLANT ON URINARY TRACT ORGANISMS.

Osuntokun Oludare temitope & Olufakuye Oluwatosin

PPA 05

The Bacterial Bioload Content of Yam Flour (Elubo Isu)

Oduleye, Olatuji S.

DAY 2 – TUESDAY 9 MAY, 2017

Plenary Lecture 2 – ‘ICT: A Powerful Tool for Poverty Eradication’

Speaker: Prof. Olumide Longe

Chairman: Dr I. O. Ayeni

Discussion on Plenary Lecture

What Has Intelligence Got to do with it - Delivering Value, Speed, Economy and Quality through the Interoperability of ICT Systems.

Olumide Longe

Morning Session

TRACK B

Venue 1: Class Room III

Sub-Theme: Mathematical Modeling for Sustainable Development.

Chairman: Mr. J. A. Adeshiyan

Rapporteur 1: Mr. G. Odina

Rapporteur 2: Mr. A. H. Adeshina

OPB¹-01 (10:00 – 10:15 am)

Mathematical Modeling: A Pivotal Tool for Sustaining National Development.

Binuyo A. O., Oyedepo T. O. and Afariogun D. A.

OPB¹- 02 (10:20 – 10:35 am)

ANALYSIS OF GAS TURBINE JET ENGINE BASED ON PROPORTIONAL HAZARDS MODEL.

Akingbade Samuel Wale and Akingbade Oluwatoyin Yemi

OPB¹– 03 (10:40 – 10:55 am)

CHALLENGES OF MATHEMATICAL AND STATISTICAL MODELLING IN SUSTAINING NATIONAL DEVELOPMENT IN NIGERIA

Binuyo, A. O., Oyedepo T. O., Afariogun D. A, and Folarin O. D.

OPB¹– 04 (11:00 – 11:15 am)

INVESTIGATING THE PATHWAY TO CHAOS IN A SIMPLE PENDULUM

Popoola O. and Olasupo R.I.

OPB¹ 05 (11:20 – 11:35 am)

**MATHEMATICAL MODELING OF MOTHER AND CHILD ATTACHMENT.
BINUYO, Adeyemi O.**

OPB¹ 05 (11:40 – 11:55 am)

ON MODELING ECONOMIC GROWTH IN NIGERIA USING BAYESIAN MODEL AVERAGING (BMA)

Onyeka C. Okonkwo; Olusanya E. Olubusoye

OPB¹ 05 (12:00 – 12:15 pm)

A Statistical Model for Decision Making in the Storage of Perishable goods- A Case Study of Eggs Distribution in Ilora town, Oyo State.

Odina, G, Olowookere, C.J. and Falase, A. O.

Morning Session

Venue 2: Class Room IV

Sub-Theme: ICT, A Powerful Tool for Poverty Eradication.

Chairman: Mr J.A. Ayeni
Rapporteur 1: Mr E. O. Oyebode

Rapporteur 2: Mrs I. M. Oyerinde

OPB²– 01(10:00 – 10:15 am)

ICT A WEALTH CREATION TOOL OR A CATALYST TO PENURY

Makinde O.E & Ayediran O.R

OPB²– 02 (10:20 – 10:35 am)

ICT: A POWERFUL TOOL FOR POVERTY ERADICATION

ADEJUMO, OLANIYI ADEKUNLE

OPB²– 03 (10:40 – 10:55 am)

Fostering Development in Nigeria: The Role of Information Management System in Managing for Development Results in the Public Sector of Nigeria.

Ricketts Caleb and Oyebode E. O.

OPB²– 04 (11:00 – 11:15 pm)

Towards Achieving Load Balancing Among Gateways in Wireless Mesh Network.

Oyebode E. O., Oduwole O. O., and Adesina A.

OPB²– 05 (11:20 – 11:35 pm)

ICT AS A TOOL FOR IMPROVING THE QUALITY AND ACCESS TO HEALTH CARE IN NIGERIA

Makinde, O. E and Odewale, O. O

OPB²– 06 (11:40 – 11:55 pm)

ICT AND POVERTY ERADICATION IN NIGERIA

Ayeni J. A.

Morning Session

Venue 3: Class Room V

Sub-Theme: ICT, A Powerful Tool for Poverty Eradication.

Chairman: Mr O E. Makinde
Rapporteur: Mr. G. Odina

OPB³ – 01 (10:00 – 10:15 am)

INFLUENCE OF ICT IN POVERTY REDUCTION IN NIGERIA

Makinde O. E. & Ayediran O. R.

OPB³ – 02 (10:20 – 10:35 am)

IMPACT OF INFORMATION AND COMMUNICATIONS TECHNOLOGY RESOURCES IN EARLY WARNING SYSTEM (EWS) FOR FLOODING IN NIGERIA.

***BINUYO G. O., OLAWALE B. A. and ADIBE Judith**

OPB³ – 03 (10:40 – 10:55 am)

Development of an Airline Management Information System.

AKINYEMI O.S, LAWAL OPEOLUWA .O, ADEPOJU ABIODUN.O, ONASHOGA IBRAHIM, MAKINDE O.E and Ayeni J A

OPB³ – 04 (11:00 – 11:15 am)

THE IMPACT OF INFORMATION AND COMMUNICATION TECHNOLOGIES (ICT) ON SMALL AND MEDIUM SCALE ENTERPRISES (SMEs) AS A TOOL FOR POVERTY ERADICATION

IPEAYEDA F.W., OLUFEMI O.D. and OLORUNDARE B.J.

OPB³ – 05 (11:20 – 11:35 am)

ICT: AN EMPOWERING TOOL FOR GOOD STANDARD OF LIVING

IPEAYEDA F.W and OYERINDE I.M.

OPB³ – 6 (11:40 – 11:55 am)

THEORETICAL FRAME WORK OF INTRUSION DETECTION SYSTEM ON WIRELESS AD-HOC

Lawal Opeoluwa. O, Adepoju Abiodun O, Onashoga Ibrahim, Akinyemi Olorunsesan, Makinde O.E and Ayeni J. A.

Plenary Lecture 3 – Ethical Issues In Biomedical Research

Speaker: Dr I. O. Oyewole

Director of Researches and Linkage, Osun State University, Oshogbo

Chairman: Prof. G. O. Adediran

Discussion on Plenary Lecture

Afternoon Session

TRACK C

Venue 1: Class Room III

Chairman: Dr. (Mrs.) I. A. Ajayi
Rapporteur 1: Dr. O. Babatunde
Rapporteur 2: Mr. A. Ore

Sub-Theme: Novel Compound Synthesis for Sustainable Development

OPC¹ - (2:00 – 2:15 pm)

SOME BIOCHEMICAL PERTUBATIONS ASSOCIATED WITH THE USE OF CASSIA FISTULA (LINN) EXTRACTS AGAINST IBUPROFEN-INDUCED TOXICITY IN RATS.

Oluseyi Adeboye Akinloye., Adedeji Samuel Ologbenla., Saheed Afolabi Akindele., Dorcas Ibukun Akinloye., Shukrat Adekanbi Adetoro., Emmanuel Oluwatayo Odunlami and Regina Ngozi Ugbara

OPC¹– 02 (2:20 – 2:35 pm)

Screening Xylanase Produced from Some Agricultural Wastes Using *Aspergillus niger*

***Adetunji, I. A. and Adetitun, D. O.**

OPC¹– 03 (2:40 – 2:55 pm)

MINERAL CONTENT ANALYSIS OF THE GUM RESIN OF *Commiphora kerkeringii*

Oladeji R. Dolapo

OPC¹– 04 (3:00 – 3:15 pm)

PHYTOCHEMICAL AND ANTIMICROBIAL STUDIES OF AQUEOUS AND ETHANOL EXTRACT OF THE LEAVES AND ROOT OF *CORCHORUS OLITORIUS LINN.*

EKENE AFAM IKWUEGBU

OPC¹– 05 (3:20 – 3:35 pm)

SOLVENT LESS SYNTHESIS, ANTIMALARIAL AND SAFETY EVALUATION OF MEFLOQUINE-COPPER COMPLEX IN SWISS MICE

ARISE, Rotimi Olusanya, TELLA, AdedibuClement, IYIOLA, Oluyinka, ADEWALE, Adenike Adebola

OPC¹– 05 (3:40 – 3:55 pm)

ISOLATION AND IDENTIFICATION OF PROTEASE, CELLULOSE AND AMYLASE-PRODUCING BACTERIA FROM SOIL

FASIKU Samuel Adedayo; OGUNSOLA Olaolu Fikayo; FAKUNLE Adeola and OLANBIWONINU Afolake Atinuke

OPC¹– 06 (4:00 – 4:15 pm)

EFFECTS OF MORINGA OLEIFERA ON BRAIN AND LIVER LIPID PROFILES OF ENVENOMED WISTAR RATS

Ogunbodede A.D, Ayanleye, L.O, Akamo A.J, Ugbaja R.N

OPC¹– 07 (4:20 – 4:35 pm)

OPC¹– 07

INVESTIGATION INTO THE WOUND HEALING ACTIVITY OF *MONODORA MYRISTICA* AND *MONODORA TENUIFOLIA* SEED EXTRACTS IN ALBINO RATS

AJAYI I. A., RAJI A. A., UMEH R. U.

OPC¹– 08 (4:40 – 4:55 pm)

PROXIMATE ANALYSIS AND TOXICOLOGICAL STUDIES OF *POLYALTHIA LONGIFOLIA* SEED FLOUR IN DIETARY FORMULATION OF ALBINO RATS

AJAYI I. A. AND IFEDI E. N.

Afternoon Session

Venue 2: Class Room IV

Chairman: Prof. J. A. Akinyanju
Rapporteur 1: Mrs. A. F. Kolade
Rapporteur 2: Mrs U. Mbabie

Sub-Theme: Biomedical Research and Ethical Issues.

OPC²– 01 (2:00 – 2:15 pm)

Alterations in Antioxidant Status and Biochemical Indices Following Administration of Cefpodoxime-Proxetil in Rats

Olayinka Ebenezer Tunde* and Ore Ayokanmi

OPC²– 02 (2:20 – 2:35 pm)

Sensitivity Pattern of Some Antifungal Drugs on Fungi Isolated from Soil

Adetitun, D. O., Laba, S. A., Anibijuwon, I. I. and Ahmed, S.

OPC²– 03 (2:40 – 2:55 pm)

Homo SapienBcr-Abl-Interacting Scaffolds From *Bryophyllum pinnatum* and *Cantharanthus Roseus*: Computational Studies

Metibemu, Damilohun Samuel, Akinloye, Oluseyi Adeboye*; Akinsiku, Eunice Oluwayimika; Omotuyi, Idowu Olaposi

OPC²– 04 (3:00 – 3:15 pm)

Lassa Fever: Epidemiological Trend and Insight for the Control of Future Outbreaks in Nigeria.

J. O. Olayiwola and A. S. Bakarey

OPC²– 05 (3:20 – 3:35 pm)

Atrazine-Metolachlor Combination induces Renal and Hepatic dysfunction, and Testicular Oxidative Stress in Orally Exposed Rats

Olayinka Ebenezer Tunde* , OreAyokanmi and OyerindeOyepeju

OPC²– 06 (3:40 – 3:55 pm)

Anti-inflammatory properties and biochemical parameters of ethanolic extract of *Corchorusolitorius* seed in male wistar rats

Adetunji J. B., Oyewole O. I., and Banji O. C.

OPC²– 07 (4:00 – 4:15pm)

LEVELS OF HEAVY METALS AND SOME OXIDATIVE STRESS INDICES IN *CLARIAS GARIEPINUS* FROM ORIOKE RIVER

***Arojjoye Oluwatosin Adetola and Nwaechefu Olajumoke Olufunlayo**

OPC²– 08 (4:20 – 4:35 pm)

HOMOTOPY ANALYSIS METHOD FOR SOLUTION OF A TUBERCULOSIS EPIDEMIC MODEL WITH CONSTANT VACCINATION STRATEGY

EGBETADE, SAMUEL ADELEYE

OPC²– 09 (4:40 – 4:55 pm)

FATTY ACID PROFILING AND ANTIOXIDANT PROPERTIES OF *Carica papaya* AND *Synsepalumdulcificum* SEED OILS

Babatunde, Oluwatoyin

OPC²– 10 (5:00 – 5:15pm)

PROTECTIVE EFFECT OF MORIN, AGAINST BICALUTAMIDE-INDUCED TESTICULAR OXIDATIVE STRESS IN RATS.

Olayinka Ebenezer Tunde, Ore Ayokanmi, Adeyemo Oluwatobi Adewumi, Ola Olaniyi Solomon, Olotu Olaoluwa Oluwaseun and Ogbuji Vera Uloma.

OPC²– 10 (5:20 – 5:35pm)

Quality Control Test and Assessment of Some X-ray Facilities in Southwestern Nigeria

Olowookere, C.J., Jibiri, N.N.

DAY 3 – WEDNESDAY 10 MAY, 2017

Plenary Lecture 4 – Environmental Sustainability of Natural Resources Development in Nigeria.

Speaker: Dr. S. O. Alayande

Environmental and Earth Sciences Division, Centre for Energy Research and Development, Obafemi Awolowo University, Ile Ife, Nigeria.

Chairman: Prof. O. Oshin

Discussion on Plenary Lecture

MORNING SESSIONS

Morning Session

TRACK D

Venue 1: Class Room III

Chairman: Dr. R. A. Isibor
Rapporteur 1: Dr. E. E. Umoh
Rapporteur 2: Dr O A. Akanbi

Sub-Theme: **Environmental Impact of Mineral Resources Development.**

OPD¹– 01 (10:00 – 10:15am)

**PRELIMINARY PETROGRAPHIC AND GEOCHEMICAL ASSESSMENT OF
IGBETI MARBLE AS CEMENT RAW MATERIAL, SOUTHWESTERN NIGERIA**

***ADEROGBIN, Joseph Ayofe, FASEYI Tolulope Christopher &FALANA Olukayode
Adeyinka**

OPD¹– 02 (10:20 – 10:35 am)

**GEO-ELECTRICAL INVESTIGATION OF SOIL AS FOUNDATION MATERIAL IN
AJAYI CROWTHER UNIVERSITY, OYO, OYO STATE, SOUTH WESTERN NIGERIA
OLUWADAMILARE Omotunde Bukola.**

OPD¹– 03 (10:40 – 10:55 am)

**GEOELECTRICAL PROSPECTING FOR FRACTURED BASEMENT AQUIFER IN
NORTHERN PORTION OF FUTMINNA’S BOSSO CAMPUS, MINNA, NORTH-
CENTRAL NIGERIA.**

**Authors: - C.I. UNUEVHO, K.M. ONUOHA, A.N. AMADI, ADEROGBN, J.A,
UMOH, E.E, OSHIN, O.**

OPD¹– 04 (11:00 – 11:15 am)

**HEAVY MINERAL DISTRIBUTION IN SOME STREAMS AROUND EGBE,
SOUTHWESTERN NIGERIA.**

***ADEROGBIN, Joseph Ayofe , UBA, Chigozie Eugene , Umoh Ekaete Enamekere**

OPD¹– 05 (11:20 – 11:35 pm)

INTEGRATED APPLICATION OF REMOTE SENSING AND GIS TECHNIQUES FOR HYDROGEOMORPHOLOGICAL CHARACTERISATION OF CRYSTALLINE BASEMENT TERRAIN OF PART OF SOUTHWESTERN NIGERIA

AKANBI, Olanrewaju Akinfemiwa

Morning Session

Venue 2: Class Room V

Chairman:	Dr C. J. Olowookere
Rapporteur 1:	Dr P.C. Amalu
Rapporteur 2:	Mr G. Odina

Sub-Theme: Communication for Sustainable Development.

Sub-Theme: Climate Change, Renewable Energy and Sustainable Development.

OPD²– 01 (10:00 – 10:15 am)

SUPERVISORY CONTROL AND DATA ACQUISITION TECHNOLOGY; A RADIO COMMUNICATION TECHNIQUE ON NIGERIA 11KVA/415 POWER SYSTEM.

***¹ADESHINA. A.H, ²OBANSOLA O.Y,³ADEBAYO O.B**

OPD²– 02 (10:20 – 10:35 am)

COMPARISON OF MEAN AEROSOL OPTICAL DEPTH AT 500NM WAVELENGTH, WITH MEAN GLOBAL SOLAR RADIATION FOR ILORIN, NIGERIA, 1998 – 2014.

***Jegade, O.O, Aro, T.O and Oyewole, J.O**

OPD²– 03 (10:40 – 10:55 am)

Parametric Analysis of Rainfall and Temperature Variability over Northern Nigeria: A Case Study of Kano, Maiduguri, Sokoto and Abuja (1982-2012).

***Oyewole, J. A, Aweda, F. O. Akinpelu, J. A., Jegede, O. O.**

OPD²– 04 (11:00 – 11:15 am)

STRUCTURAL FAILURE: A DISTURBING DISASTER IN NIGERIA – CAUSES AND PREVENTIONS

Adeniji Adetunji Ayokunnu and Ajani Olumide Oyewale

OPD²– 05 (11:15 – 11:30 am)

Decentralized Power System and Sustainable Energy in Nigeria

Olowookere, C. J. and Odina, G.

OPD²– 06 (11:35 – 11:35 am)

Error Level Investigation in a VHF Omni directional Radio Range (VOR) at the “Murtala Mohammed international Airport, Lagos”.

AMALU, P.C. and FUNMILAYO, M.O.

Morning Session

Venue 3: Class Room IV

Sub-Theme: ICT, A Powerful Tool for Poverty Eradication.

Chairman: Mr O E. Makinde

Rapporteur: Mr Femi Falase

OPD³– 01 (10:00 – 10:15 am)

ICT AND EMPLOYMENT CREATION FOR SOCIO-ECONOMIC ENHANCEMENT OF NIGERIANS

Abimbola, T. A., Ayeni J.A. and Makinde E.O.

OPD³– 02 (10:15 – 10:30 am)

COMPUTER-BASED ROAD CONSTRUCTION MANAGEMENT SYSTEM

Oduwole, O. A., Aluko O.B. and Oyebode E. O.