



KOIKI, Abdurashheed Olashile

B.Sc., M.Sc. (Ilorin)

A. Contact

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B. Research Interests

- Molecular Genetics
- Recombinant DNA technology
- Cytogenetics
- Biosystematics
- Cell Biology and Tissue Culture
- Plant Breeding

C. Bio Data

- Date of Birth: - 9th May, 1989
- L.G.A and State: - Ijebu-Ode/Ogun
- Area of Specialization: - Applied Genetics and Plant Breeding
- Nationality: - Nigeria
- Religion: - Islam
- Marital Status: - Married
- Spoken Languages - English, Yoruba and Hausa

D. Education

- University of Ilorin, Ilorin Nigeria. 2024-date
- University of Ilorin, Ilorin Nigeria. 2014-2018
- University of Ilorin, Ilorin Nigeria. 2008-2012
- Ijebu-Ode Grammar School, Ijebu-Ode Ogun State. 2002-2005
- Mabunmi Memorial Schools, Ijebu-Ode Ogun State. 1993-1998

E. Academic Qualifications

- Doctor of Philosophy (Ph.D) in Plant Biology In-view
- Master of Science (M.Sc) in Plant Biology 2018

- Bachelor of Science (B.Sc.) in Plant Biology (Honours) 2012
- Senior School Certificate Examination (SSCE) 2005
- First School Leaving Certificate 1998

F. Professional Qualifications

- CISCO IT essential, CISCO Networking Academy 2007
- Desktop Publishing, NASFAT Computer College 2006

G. Research Interests or Commissioned Projects

Completed

- Inheritance of Growth Habit, Seed Colour and Seed Shape in Cowpea (*Vigna Unguiculata* (L.)Walp).
- An assessment of the effect of Cow dung, Poultry dung and NPK fertilizer on the germination and growth of tomato (*Lycopersicon esculentum*).

On-going

- UV-C irradiation effects on germination, growth and yield of Okra (*Abelmoschus esculentum* L. Moench)
- Studies on Mutagenic effects of Ethyl Methane Sulphonate (EMS) on three varieties of *Vigna unguiculata* L. (Walp)
- Effects of Calcium carbide on germination, growth and proximate composition of Maize (*Zea mays* L.)

H. Publication(s)

i. Journal Articles

- Genotoxic Investigation of Anti-malarial drug (Chloroquine) on root meristems of *Allium cepa* L. (Onion) In-press
- Unveiling Drought Tolerance in Garden egg (*Solanum aethiopicum* L.): An Integrated Approach using Agro-morphological characterization and qRT-PCR validation of SNAC1 and DREB1A genes In-press
- *Phyllanthus amarus*: a review of ethnobotanical/medicinal properties, phytochemicals and essential oils. In-view

ii. Books

a. Edited and co-edited books:

- Ayinla, A., Opadokun W.O, **Koiki, A.O.** (2023). General Experimental Biology Manual volume 1, (3rd ed.). Al-Hikmah University, Ilorin, Nigeria
- Ayinla, A., Opadokun W.O, **Koiki, A.O.** General Experimental Biology Manual volume 2, (3rd ed.). Al-Hikmah University, Ilorin, Nigeria In-view

I. Work Experience

- Assistant Lecturer, Department of Biological Sciences, Faculty of Natural and Applied Sciences, Al-Hikmah University, Ilorin, Kwara State. 2023-date
- Adjunct Lecturer, Institute of Education (IOE), Department of Science Education, Al-Hikmah University, Ilorin, Kwara State. 2020-date
- Agricultural Research Officer II, Ministry of Agriculture, Ogun State Civil Service Commission Okemosan, Abeokuta. 2018-2020
- Vice Principal, Subulu-Salam Islamic Model College, Ilorin, Kwara State. 2015-2019
- Biology Teacher, Subulu-Salam Islamic Model College, Ilorin, Kwara State. 2014-2018
- Agric. Science Lecturer, School of Remedial and Preliminary Studies, Abdu Gusau Polytechnic, Zamfara State. 2012-2013

J. Training Programme Attended

- N-Agro Step down Training, N-Power Scheme, Ijebu-Ode, Ogun State. 2019
- Skill Acquisition (Education) Training Tsafe, Zamfara State. 2012
- Human Relations, Corporate Ethic Skills and Entrepreneurship Seminar, Trustco Resource Limited, Lagos. 2011
- SIWES Training at Pathology/Mycotoxin Unit, IITA, Ibadan. 2011
- PC Hardware and Software Maintenance Training, Ijebu-Ode, Ogun State. 2007

K. Prizes, Honours Or Recognitions

- Certificate of Merit, Community Development Service, FRSC, Talata Mafara Command, Zamfara State. 2013
- Certificate of Merit, School of Remedial and Preliminary Studies, Abdu Gusau Polytechnic, Zamfara State. 2013
- Best Student of the Year, NASFAT Computer College, Ijebu-Ode. 2007

L. Membership of Learned Societies and Professional Bodies

- Alumnus, University of Ilorin Alumni Association. 2012

M. Courses Taught in The Last Three Years

At the Undergraduate Level

- BGY 103: Experimental Biology I (1 credit unit)
- BGY 104: Experimental biology II (1 credit unit)
- BGY 201: Basic Invertebrate Zoology (3 credit units)
- BGY 204: Systematics and Morphology of Seed Plants (3 credit unit)
- BGY 207: Biological Techniques (2 credit units)
- BGY 205: Introductory Physiology (2 credit units)
- BTN 221: Seedless Plant (2 credit units)
- BTN 306: Plant Physiology (3 credit units)
- BGY 311: Genetics II (3 credit units)
- BGY 303: General Cytology (3 credit units)
- BTN 321: Plant Ecology (3 Credit units)
- BTN 324: Plant Reproduction (2 credit units)
- ZLY 323: Animal Ecology (3 credit units)
- BGY 402: Cytogenetics of Plants (3 credit units)
- BGY 412: Conservation of Natural Resources (2 Credit unit)
- BGY 411: Population Genetics (2 credit units)
- BGY 413: Soil Sciences (2 credit units)
- BGY 414: Plant Pathology (2 credit units)

N. Details of Administrative Experience

Departmental based

- Examination Officer, Department of Biological Sciences 2024 - date
- Academic Adviser (100 level Biology Programme) 2024 - date

O. Community Development Services

- Member, Iboriaran Royal Dynasty 2015 – date
- Member, Kedu Descendants Association 2014 – date
- Member, Koiki Descendants Association 2007 – date

P. Extra Curricular Activities

- Reading, Writing, Coding, Driving, Travelling and Encouraging Virtues

Q. Referees

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Signature

9th May, 2024

Date