

CURRICULUM VITAE



1.0 PERSONAL INFORMATION

NAME: MOSES ONYANGO OPIYO

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EMAIL:opiyo.moses@ku.ac.ke

NATIONALITY: KENYAN

GENDER: MALE

DATE OF BIRTH: 8TH NOVEMBER 1961

2.0 QUALIFICATIONS

2.1 Academic Qualifications

Msc (civil, Structural and industrial Engineering)

2.2 Professional courses

Graduate Engineer. Engineers Board of Kenya

Certificate in Finite Elements Method– UNESCO/ Moi University

Technical Introduction to Structural Eurocodes–2016.(KEBS)

Trainer of trainers Certificate in Euro codes,(KEBS)

2.3 Other courses

Certificate in curriculum development–Moi University.

Certificate in curriculum development– Chepkoilel University College

3.0 EMPLOYMENT HISTORY

- 2012–to date: Lecturer, Kenyatta University ,Nairobi–Kenya, Department of Civil Engineering.
- 1996–to date: Consultant Engineer, Millele Enterprises Construction Company, Eldoret, Kenya
- 2011–to 2012: Lecturer, Chepkoilel University College, Civil and Building Engineering Division, Eldoret, Kenya
- 1996–to 2010: Lecturer, Moi University, Eldoret Kenya, Civil and Building Engineering Division, Eldoret, Kenya
- 1994–1996: Tutorial Fellow, Moi University, Eldoret, Civil and Building Engineering Division, Eldoret, Kenya
- 1993–1994: Technical Manager, Macson Construction Co. Nairobi, Kenya

4.0 ADMINISTRATIVE RESPONSIBILITY

- 2023–to date Chairman, Department of civil Engineering, Kenyatta University
- 2018–to 2022. Civil engineering Examination coordinator, Kenyatta university
- 2013–to date. Chairman, School Of Engineering, Library committee, KU
- 2012– to date. Field trips coordinator, Department of civil Engineering , KU
- 2005 to 2010: Chairman (Dean of Students Office), Construction Committee MU(Moi University)
- 1997–2011: UASU assistant treasurer– Moi University.
- 2011–2012: UASU treasurer –University of Eldoret
- 2005 to 2009: Patron Moi University Siaya Students Association.

2003 to 2012: Head, Civil & Building Technology Division–MU

2011 to 2012: Timetable Coordinator,(Chepkoilel Univ. College) School of Education

2009 to 2011: Timetable Coordinator, (Moi Univ.)School of Education

1997 to 2009: Timetable Coordinator, Technology Education

1994 to2012: Teaching Practice Assessor–MU

1996–2011: Coordinator, Industrial Attachment, Technology Education Department–MU

1997–1998: Chairman, Income Generating Committee, Technology Education Dept.

1994–1994: Examinations Coordinator, Moi University

1991–1992: Chairman , African Students' Union, Tver Branch, Russia

1987–1988: Assistant Secretary General, Kenya Students Association, Russia

1981: 1982 Review Editor, Mangu High School

1979–1980: Secretary, Siaya Students' Association, Mawego Branch

1979–1980: House Captain, Mawego Technical School

1975–1976: School Librarian, Homabay Primary School

5.0 FELLOWSHIPS

None

6.0 POSTGRADUATE SUPERVISION

Masters supervision

6.2.1 Completed

- Low cost housing using stabilized soil blocks. Opiyo & Keter (M.Phil Research Thesis)–Supervisor.

- Factors which influence enrolment in building construction craft courses. Opiyo & Khakina (M.Phil Research Thesis)– Internal Examiner
- Construction of integrated pit latrine for biogas production in Eldoret Schools. Opiyo&Ngugi (Mphil Research Thesis)– supervisor.
- Condition of architectural structures and students performance of institutions in Langas, Eldoret. (Mphil Supervisor)Opiyo & Pauline.

6.2.2 On going

None

7.0 CONFERENCES/SEMINARS/WORKSHOPS

7.1 Participation in Workshop/conferences

(i) Raiply Industries:Eldoret

Repair and rehabilitation of machine and wood treatment workshops.Attn.
Mr Kumar

(ii) Corn products industries: Eldoret

Design of steel structures for Corn products Company: Attn. Mr Dave

Eldoret Municipal Council

Repair and rehabilitation of several Eldoret Municipal Roads: Attn.
Municipal Engineer

7.2 Presentation of papers at Academic and professional conferences

- **Moses O. Opiyo**, Lawrence Bulut. Forensic study of building failures in Nairobi County. 1st National Construction authority conference
- **Moses O. Opiyo**, *Mark Maina*.Investigation of the ability of expanded polystyrene buildings to withstand quarry blasting–

induced ground vibrations in Mavoko. 1st National Construction authority conference

- **Moses O. Opiyo.** Mosioma Wycliffe Onchuru-Comparative Structural Analysis of Biaxial Voided Slabs and Solid Slabs. 1st National Construction authority conference
- **Moses O. Opiyo:** The role of professionals and other participants in curbing failure of buildings in Kenya.1st National Construction authority conference.
- **Moses O. Opiyo:** Assessment of compliance of aggregates used in construction projects in Kenya.2nd National Construction Authority.
- **Moses O. Opiyo:**Structural Audit Audit of Buildings ,Perspectives and challenges: 2nd National Construction Authority.
- Attended the ISEE – Innovation, Science, Engineering and Education conference in Nairobi, Kenya in January 2019

7.3 Convening and coordinating conferences

- International Conference on Non-Conventional Materials and Technology(IC-NOCMAT)–2019.(Penn State and UoN)–Coordinator.

8.0 RESEARCH AND PUBLICATIONS

8.1 Articles in refereed journals

None

8.2 Articles in conference proceedings

None

8.3 Books

- Research Proposal writing by Moses Onyango Opiyo and Prof. John Simiyu

8.4 Chapters

None

9.0 NETWORKING AND COLLABORATION WITH EXTERNAL ORGANIZATIONS

None

10.0 EXTERNAL AND INTERNAL GRANTS

None

11.0 LOCAL, REGIONAL AND INTERNATIONAL APPOINTMENTS

11.1 External examiner in other universities–None

11.2 Review of professional periodicals

Review, development of occupational, competency standards(OCS) and testing instruments–NITA.

Test developer and moderator for NITA (KYEOP) proficiency Assessment

11.3 Being invited to a conference as a guest speaker

None

11.4 Appointment to Boards

- Kahawa Garrison Secondary School board member

12.0 AWARDS/RECOGNITION

- Forensic audit of Kenyatta University, North Coast Hotel

13.0 COMMUNITY OUTREACH

- Siranga secondary school board member.
- Sega Catholic Mission hospital– Structural engineer(Volunteer)

14.0 ACADEMIC LEADERSHIP

14.1 Development of teaching/academic programmes in department/school/university

- Technical education curriculum (TVET) –KU

14.2 Development of programmes external to Kenyatta University

14.3 Initiating/Leading research project

None

15.0 OTHERS

15.1 Appointments

i. National–Design of Data Center tier 4 at Olkaria Geothermal power plant
(Civil and structural /Survey, site identification and planning)

ii. Regional–None

iii. International

None

15.2 Contribution to university advancement

15.3 Membership to professional bodies

Graduate Engineer:Engineers Board of Kenya–1993

Research Interests: Structural audit of structures, Cement and cementitious materials, Composite materials.

16.0 REFEREES

Prof. John Simiyu– University of Eldoret

Prof.Abel Mayaka– Multi media University