

Curriculum Vitae

NAME: YEGON KIPKOECH GEOFFREY

Nationality: Kenyan
National Id/Passport No.: 23749900/B223964
Date of Birth: 12th August, 1984
Gender: Male
Marital Status: Married
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Religion: Christian
Language: English and Kiswahili

CAREER OBJECTIVE

To join a Reputable Organization or Institution, where my Expertise and Intellect would; facilitate the realization of its Mission and Vision, as I expand my scope in Research, Professional growth and Training

PERSONAL PROFILE

Self-motivated, creative, responsible God fearing and can work with minimum supervision

EDUCATION

2012 to 2021 UNIVERSITY OF ELDORET
Doctor of Philosophy in Physics
2008 to 2012: MOI UNIVERSITY, ELDORET
Master of Science in Physics
Electronics option
2004 to 2008: MOI UNIVERSITY, ELDORET
Bachelor of Science (BSc. Hons)- Physics /mathematics
• 2nd Class Honours Upper Division
1999 to 2002: SACHO HIGH SCHOOL
Kenya Certificate of Secondary Education (KCSE)
• Grade Obtained: B+ (Plus)
1997 to 1998: TENWEK BOARDING PRIMARY SCHOOL
Kenya Certificate of Primary education (KCPE)
• Marks Obtained: 536/700 Marks
1991 to 1996: BOITO PRIMARY SCHOOL

WORK EXPERIENCE

April 2022-Date Moi University
Lecturer
Aug 2014-March 2022 Moi University
Tutorial Fellow
April 2013-Aug 2014 Moi University
Part-Time lecturer (Physics)
Aug 2010-Mar,2011 Moi University-Chepkoiel Campus
Tutorial assistant and lab demonstrator
1st -2nd Sept 20008 gtz data collection in KTDAs in south rift in aid of HIV/AIDS awareness in partnership with business council

RESPONSIBILITIES

2021-Date: Examination Coordinator
2018-Date: Departmental ISO champion
2019-2022 School of Biological and Physical Sciences IODL

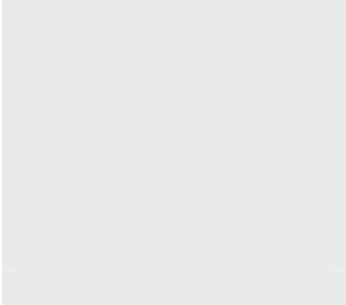
PUBLICATIONS

representative

- **G. K. Yegon**^{1,3}, D. W. Waswa¹ G.M. Isoe^{1,2}, S. K Rotich³, T.B. Gibbon², R.R.G. Gamatham², A.W.R. Leitch², (2022), Signal transmission performance at 1550 nm over different fiber links, Pproceedings of the Sustainable Research and Innovation Conference
- **Yegon G., K.**, Waswa D. W., Isoe G. M., Arusei G. K., Rotich S. K., Tim G. B., Leitch A. W. R.(2019), 20 G bps Pulse Amplitude Modulation (PAM) Format for Capacity Upgrade in Optical Communications. American Journal of Optics and Photonics.
- **G. K. Yegon**, Silicon Heterostructures as High performance Field Effect Transistor IOSR Journal of Applied Physics (IOSR-JAP), ISSN:2278-4861 Vol 9, Issue 4Ver. 1(Jul.-Aug. 2017), pp 54-59
- **G. K. Yegon**, G. K. Arusei and R. K. Koech, MOSFET scaling to sub-micron range; Analysis of characteristic curves in relation to device parameters, ISSN 2250-2459, ISO 9001:2008 Certified Journal, Volume 5, Issue 5, May 2015
- R. K. Koech, G.K. Arusei, **G.K. Yegon**, J.K. Tonui, S.K Rotich, Photovoltaic/Thermal (PV/T) System as Innovative Solution to Increase Solar Energy Conversion Efficiency.(ISSN 2250-2459. ISO 9001:2008 Certified Journal, IJETAE, Volume 4, Issue 10, October 2014)
- G.K Arusei^{1*}, **G.K. Yegon**¹, S.K.Rotich¹, R.K.Nixon², R.K.Koech³ and D.K Choge³ (2013): Elastic Scattering Reaction Of $^4\text{He}+^{10}\text{B}$ On Partial Wave Scattering Matrix, Differential Cross-Section And Reaction Cross-Section at Laboratory Energies Of 5-15 Mev; An Optical Model Analysis (Advances in Physics Theories and Applications ISSN 2224-719X (paper) ISSN 2225-0638 (online) Vol. 23, 2013)
- D.K. Choge, J. K Maritim, G. K. Arusei and **G. K. Yegon**, Small Wind Turbines: A Simulation For Optimal Selection In Uasin Gishu, Kenya (ISSN NO. 2320-5407 International Journal of Advanced Research (2013), volume 1, issue 8, 508-515)

SEMINAR, WORKSHOPS AND CONFERENCE

- Capacity Building on Employability COL Workshop 17th Feb- 21 Feb 2020, Noble Hotel, Eldoret, Kenya.
- G. K. Yegon ¹, D. W. Waswa ¹, G. M. Isoe², S. K. Rotich³, T. B. Gibbon², A. W. R. Leitch², Signal Transmission Performance at 1550nm Using Directly Modulated VCSEL over G.652 and G.655 fiber links, The international SRI conference proceedings at JKUAT, 8th-10th May 2019
- ¹Yegon G. K., ¹Waswa D. W., ²Isoe G. M., ¹Arusei G. K., ³Rotich S. K., ²Tim G. B., ²Leitch A. W. R., 4-PAM high capacity data network at 20 G bps over a single VCSEL carrier, 13TH MMUST conference proceedings, 19th -21st June, 2019

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- 12th-13th May 2011 Participant Eldoret Polytechnic International Conference
 - 24th May 2008: HIV/AIDS awareness workshop-Moi university
 - 15th march 2008-Environmental day-Moi university-Chepkolel

REFEREES

Prof. Samuel Rotich,
Moi University
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and Physics
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Physics,
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Dr. Enoch Rotich,
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