


Alupe University Staff Profile

1. Name:	<ul style="list-style-type: none">• Bostley Muyembe Asenahabi• Doctor of Philosophy in Information Technology.• Lecturer• School of Science Technology and Engineering;• Department of Mathematics Physics and Computer Science
2. Passport photo:	
4. Biography:	<p>Asenahabi is a Doctor of Philosophy in Information Technology lecturer who has majored in computer hardware option. He is currently the Director, ICT at Alupe University. He is registered with Engineers Registration Board under Serial Number B7719 and Association of Computing Practitioners – Kenya under Membership No: PM000209. His Open Researcher and Contributor Identifier ORCID No is 0000 0002 0774 5182. Asenahabi attracted a National Research Fund grant for his Master’s thesis - 7th Call 2015/2016 NACOSTI MA/MSc GRANT - Research amounting to KSh. 150,000/-. He has also attracted a grant to facilitate training lecturers on Technology Enabled Learning courtesy of Common Wealth of Learning under Three different phases which obtained a total grant of KSh. 3,899,000/-). Bostley gives back to the community through Ministry of Education appointment as member of the Board of Management, Mukhonje Secondary School.</p>
5. Academic Qualifications:	<ul style="list-style-type: none">• Doctor of Philosophy in Information Technology, March, 2023, Kibabii University. Thesis: Learning Management Systems and Web Conference Tools Usability Model towards Enhanced Self-Directed Learning in Universities.• Masters of Science in Information Technology, November, 2018, Kibabii University. Thesis: Cost-Effectiveness of using Thin-Client Technology in Enhancing Service Delivery in School Computer Laboratories in Kenya.• Bachelor of Engineering in Electrical and Telecommunications

	<p>Engineering, 2010, Moi University.</p> <ul style="list-style-type: none"> • Kenya Certificate of Secondary Education, 2002, Musingu High School • Kenya Certificate of Primary Education, 1998, Musingu Primary School
<p>6. Research Interests:</p>	<p>Asenahabi has developed interest in technologies in the learning environment. Different studies have been carried out in line with this and several articles have been published in peer reviewed journals out of these studies:</p> <ul style="list-style-type: none"> • Studies about Technology integration in Learning have been carried out at Alupe University and published - Report on the Impact of Technology-Enabled Learning at Alupe University; Report of the Baseline Study on Technology Enabled Learning at Alupe University. The studies were funded by Commonwealth of Learning. • A PhD thesis - Learning Management Systems and Web Conference Tools Usability Model towards Enhanced Self-Directed Learning in Universities has been carried out to completion in line with this and several papers have been published in peer reviewed journals. • A Master's Thesis - Cost-Effectiveness of Using Thin-Client Technology in Enhancing Service Delivery in School Computer Laboratories in Kenya was carried out to completion and several papers have been published in line with this. It was funded by National Research Fund - 7th Call 2015/2016 NACOSTI MA/MSc GRANT - Research.
<p>7. Publications:</p>	<p>Journal Publications:</p> <ol style="list-style-type: none"> 1. Asenahabi B. M., Ikoha P. A, Nambiro A. W. (July 2025). Learners' self-directed learning readiness factors towards online learning in Universities: An exploratory factor analysis. <i>Alupe University Multidisciplinary Research Journal</i>. Volume 1, Issue 1: 1 – 10. 2. Kirui L. K, Ongare R. M., Asenahabi B. M. (July, 2025). The Influence of Web API and linked data technologies on data interoperability in digital repositories of Public Universities in Kenya. <i>World Journal of Advanced Engineering Technology and Sciences</i>. Volume 16, Issue 01: 033 – 040. eISSN: 2582-8266. DOI: https://doi.org/10.30574/wjaets.2025.16.1.1195 3. Kirui L. K, Ongare R. M., Asenahabi B. M. (July, 2025). Enhancing data accessibility in digital repositories: The role of Web APIs and linked data technologies. <i>Global Journal of Engineering and Technology Advances</i>. Volume 24, Issue 01: 001 – 006. eISSN: 2582-5003. DOI: https://doi.org/10.30574/gjeta.2025.24.1.0211 4. Mohammed S. M., Asenahabi B. M., Nambiro A., Sifuna E. (July, 2025). Learning Analytics Usability Factors towards Learner Performance Assessment – A Review of Literature. <i>International Journal of Scientific Research & Engineering Trends</i>. Volume 11,

Issue 4: 1 - 6. ISSN (Online): 2395-566X

5. Mohammed S. M., **Asenahabi B. M.**, Nambiro A., Sifuna E. (July, 2025). Evaluating Learning Analytics Usability Factors Towards Learner Performance Assessment in Virtual Environment in Kenyan Universities. *International Journal of Scientific Research & Engineering Trends*. Volume 11, Issue 4: 1483 – 1492. ISSN (Online): 2395-566X
6. Makundi T. M.; **Asenahabi B. M.** (November, 2023). Smartphone Usability Framework towards Self-directed Learning in University of Dar es Salaam. *International Journal of Innovative Science and Research Technology*. Volume 8, Issue 11: 793 – 799. ISSN No:- 2456-2165
7. **Asenahabi B. M.**; Ikoha P. A (July, 2023). Scientific Research Sample Size Determination. *The International Journal of Science and Technoledge*. Volume 11, Issue 7: 8 – 12. DOI No.: 10.24940/theijst/2023/v11/i7/ST2307-008
8. **Asenahabi B. M.**; Ikoha P. A; Nambiro A. W. (December, 2022). Evaluating Learning Management System Usability Level towards Online Learning: University Students Perspective. *International Journal of Computer Trends and Technology*. Volume 70, Issue 10: 12 – 20. ISSN: 2231 – 2803 / <https://doi.org/10.14445/22312803/IJCTT-V70I12P102>
9. **Asenahabi B. M.**; Ikoha P. A; Nambiro A. W. (July 2022). Learning Management System Usability towards Online Learning: A Literature Review. *World Journal of Engineering Research and Technology*. Volume 8, Issue 7: 17 – 30. ISSN 2454-695X
10. **Asenahabi B. M.**; Ikoha P. A. (November 2021). Scientific Levels of Field Data Analysis in Computing Research. *The International Journal of Science and Technoledge*. Volume 9, Issue 11: 18 – 23. DOI No.: 10.24940/theijst/2021/v9/i11/ST2111-008
11. **Asenahabi B. M.**; Ikoha P. A. (October 2021). Scientific Research: Abstract Design for Optimum Access. *International Journal of Innovative Science and Research Technology*. Volume 6, Issue 10: 407 – 410. ISSN No: - 2456-2165
12. Tunai M.; **Asenahabi B.**; Makokha A. (July 2021). Electronic Commerce: The Evolution and State in Kenya. *International Journal of Research in Education Humanities and Commerce*. Volume 2, Issue 4: 18 – 22. www.ijrehc.com
13. **Asenahabi B. M.**; Nambiro A. (June 2020). ICT4D: Towards ICT adoption in the business sector to bridge digital divide. *Journal of Emerging Technologies and Innovative Research (JETIR)*. Volume 7, Issue 6: 1995 – 2000. ISSN-2349-5162. Retrieved from <http://www.jetir.org>
14. **Asenahabi B. M.**; Ikoha P. A; Kilwake J. (September 2019). Effectiveness of Thin-client computing over Stand-alone Computing in Schools' computer laboratories on improving

	<p>computer literacy level in Kenya. <i>International Journal of Advanced Research in Computer Engineering & Technology (IJARCET)</i>. Volume 8, Issue 9: 423 – 429. ISSN: 2278 – 1323. Retrieved from http://www.ijarcet.org</p> <p>15. Asenahabi B. M.; Busula A. O.; Ronoh R. (August 2019). A choice dilemma in selecting an appropriate research design. <i>International Journal of Advanced Research in Computer Engineering & Technology (IJARCET)</i> Volume 8, Issue 8: 348 – 356. ISSN: 2278 – 1323. Retrieved from http://www.ijarcet.org</p> <p>16. Asenahabi B. M. (May 2019). Basics of Research Design: A Guide to selecting appropriate research design. <i>International Journal of Contemporary Applied Researches</i>. 6(5): 76 – 89. ISSN: 2308-1365. Retrieved from http://www.ijcar.net</p> <p>17. Asenahabi B. M. (May 2019). Constraints Encountered by Secondary Schools on offering Computer Studies. <i>International Journal of Contemporary Applied Researches</i>. 6(5): 159 – 174. ISSN: 2308 – 1365. Retrieved from http://www.ijcar.net</p> <p>Published Reports:</p> <ol style="list-style-type: none"> Asenahabi B.; Okumu T. (April 2024). Report on the Impact of Technology-Enabled Learning at Alupe University. Common Wealth of Learning. Asenahabi B.; Okumu T. (Dec 2022). Report of the Baseline Study on Technology Enabled Learning at Alupe University. Common Wealth of Learning.
<p>8. Classes you teach:</p>	<ul style="list-style-type: none"> • Computer Science Courses
<p>9. Other relevant links:</p>	<ul style="list-style-type: none"> • Researchgate: https://www.researchgate.net/profile/Bostley-Asenahabi • Google scholar: https://scholar.google.com/citations?hl=en&user=c8qaeaYAAAAJ
<p>10. Official Contact Details:</p>	<ul style="list-style-type: none"> • Email: basenahabi@au.ac.ke