### **Abstract**

**Impact of African Culture on Information Technology**

This presentation explores how African culture influences and enhances the field of Information Technology (IT). It highlights Africa’s rich cultural diversity, including oral traditions, art, and indigenous knowledge, and examines their relevance to technological advancements. The presentation delves into the integration of traditional storytelling with digital media, the digitization of indigenous knowledge systems, and the trans formative role of mobile technology in rural Africa. Additionally, it discusses how African art influences digital design and showcases a case study on M-Pesa, demonstrating financial inclusion through mobile technology. The presentation concludes by addressing challenges and opportunities at the intersection of African culture and IT, emphasizing the importance of integrating traditional knowledge with modern technology to drive innovation and development.

### **Kiswahili**

**Mchango wa Utamaduni wa Kiafrika katika Teknolojia ya Habari**

Uwasilishaji huu unachunguza jinsi utamaduni wa Kiafrika unavyoathiri na kuboresha uwanja wa Teknolojia ya Habari (IT). Inasisitiza utofauti mkubwa wa kitamaduni wa Afrika, ikiwa ni pamoja na tamaduni za mdomo, sanaa, na maarifa ya asili, na kuchunguza umuhimu wao katika maendeleo ya kiteknolojia. Uwasilishaji huu unazingatia ujumuishaji wa hadithi za kitamaduni na vyombo vya habari vya kidijitali, usajili wa maarifa ya asili, na jukumu la mabadiliko ya teknolojia ya simu katika maeneo ya vijijini Afrika. Pia, inajadili jinsi sanaa ya Kiafrika inavyoathiri muundo wa kidijitali na inaonyesha utafiti wa kesi ya M-Pesa, ikionyesha ushirikishwaji wa kifedha kupitia teknolojia ya simu. Uwasilishaji unahitimisha kwa kuangazia changamoto na fursa katika makutano ya utamaduni wa Kiafrika na IT, ukisisitiza umuhimu wa kuunganisha maarifa ya kitamaduni na teknolojia ya kisasa ili kuendesha uvumbuzi na maendeleo.

### **Kikuyu**

**Mũtũngũgũ wa Mĩikarire ya Afrĩka kũrĩ Tekinolojia ya Mahinda Maĩkũ**

Ũrũnganĩrwo ũyũ wĩhikania ũndũ ũrĩa mĩikarire ya Afrĩka ĩgũtũngũkĩra na gweterera mũceera wa Tekinolojia ya Mahinda Maĩkũ (IT). Ĩhũtĩra gũcokia kĩuĩrĩro gĩthũhũ na kĩharĩ harĩa ĩrĩ mĩikarire ya Afrĩka, o hamwe na gĩkeno kĩa mũno kĩrĩa kĩrĩ na ũiguano, na ũmenyereri wa ũrũgano na ũhoro wa kĩrĩrĩko. Ĩgũka ĩhĩkĩria ũndũ ũrĩa wĩcikarĩrĩo wa ũrũnganĩrwo wa mĩikarire ya kĩgĩthomo na tekinolojia ya ũrũmwe, ũthingathĩro wa ũmenyereri wa mĩikarire ya kĩgĩthomo, na ũrũnganĩrwo wa mĩikarire ya kĩgĩthomo na mĩciĩ ya mĩthĩri ya kĩĩ. Na o ũkĩgĩra, ĩhũtĩra gũkũria ũndũ ũrĩa ũrũnganĩrwo wa ũmenyereri wa kĩgĩthomo ĩhũthĩra software ya maũndũ maĩgĩ.