

The rapid advancement of digital technologies has significantly reshaped the landscape of academic libraries worldwide. This study examines the extent of digital transformation in Nigerian university libraries, with a focus on improving information accessibility and user engagement. Using a mixed-methods approach, data were collected from librarians and students across selected institutions through surveys and interviews. Findings reveal that while many libraries have adopted digital tools such as institutional repositories, e-resources, and online catalogues, challenges including inadequate funding, poor infrastructure, and low digital literacy persist. The study highlights the critical role of strategic planning, staff training, and policy support in optimizing digital services. It concludes by recommending sustainable investment in ICT infrastructure and user-centered service design to enhance library relevance in the digital age.