



**BABCOCK**  
**UNIVERSITY**

ILISHAN-REMO, OGUN STATE, NIGERIA

# COLLEGE OF POSTGRADUATE STUDIES

## 2022/2023 PhD Thesis Abstract

### Department of Information Resources Management

**RFN:** Olufunmilola Abiodun OLORUNKALU  
**RD:** Information Resources Management  
**RS:** Management Sciences  
**RE:** olorunkalu0252@pg.babcock.edu.ng  
**RAE:** funmikalu1964@gmail.com  
**RP:** 08034529878  
**RT:** Librarians' ICT Competence, Readiness and Implementation of Resource Description and Access (RDA) in Academic Libraries in South-West, Nigeria  
**MS:** Dr. Ezinwanyi MADUKOMA  
**ME:** madukomae@babcock.edu.ng  
**SP:** 08136232950  
**CS:** Prof. Vincent E. UNEGBU  
**CE:** unegbu@babcock.edu.ng  
**CP:** 08131581233

**AB:** Resource Description and Access (RDA) is a bundle of instructions, recommendations and data elements based on the Functional Requirements for Bibliographic Record that provides semantic of well-structured metadata and helps users to access and retrieve information resources from the library. Studies have shown that the level of implementation of RDA is low in Nigeria. However, the level of librarians' ICT competence and readiness may impact the implementation of RDA in the academic libraries. Previous studies have looked at awareness, perception and level of implementation of RDA. There seems to be no studies that have considered librarians' ICT competence and readiness on implementation of RDA. Therefore, this study investigated the influence of librarians' ICT competence and readiness on implementation of RDA in academic libraries in South-West, Nigeria.

Survey research design was used for this study. The population comprised 334 academic librarians from 20 academic libraries using systematic sampling technique in South-West, Nigeria. Total enumeration was employed for this study. A structured and validated questionnaire was used for data collection. Cronbach's alpha reliability coefficients for the constructs ranged from 0.71 to 0.78. A response rate of 89.8% was achieved. Data were analyzed using descriptive and inferential statistics at 5% level of significance.

Findings established that librarians' ICT competence and readiness had a combined significant influence on implementation of RDA in academic libraries in South-West, Nigeria ( $Adj.R^2 = 0.76$ ,  $F(2, 306) = 47.61$ ,  $p < 0.05$ ). Librarians' ICT Competence had significant influence on the implementation of RDA. ( $Adj.R^2 = 0.49$ ,  $F(1, 307) = 298.72$ ,  $p < 0.05$ ). Similarly, readiness had significant influence on the implementation of RDA ( $Adj.R^2 = 0.76$ ,  $F(1, 307) = 951.46$ ,  $p < 0.05$ ). Librarians' ICT competence indicators: ICT skills ( $\beta = 0.08$ ,  $t(306) = 1.61$ ,  $p < 0.05$ ) and internet skills ( $\beta = 0.72$ ,  $t(306) = 14.59$ ,  $p < 0.05$ ) had significant influence on the implementation of RDA in academic libraries. Readiness indicators: Librarians' attitude ( $\beta = 0.59$ ,  $t(306) = 14.25$ ,  $p < 0.05$ ), librarians' behavior ( $\beta = -0.39$ ,  $t(306) = -6.87$ ,  $p < 0.05$ ), subjective norms ( $\beta = 0.93$ ,  $t(306) = 20.97$ ,  $p < 0.05$ ), and librarians' intention ( $\beta = -0.13$ ,  $t(306) = 3.38$ ,  $p < 0.05$ ) were statistically significant in influencing the implementation of RDA in the academic libraries.

This study concluded that librarians' ICT competence and readiness determined the implementation of RDA in academic libraries in South-West, Nigeria. The study recommended that the management of the academic institutions should encourage the librarians by sending them to workshops and seminars in order to enhance their capacity to implement RDA in libraries.

**Keyword:** Librarians' ICT competence, Librarian's readiness, Resource description and Access, RDA Implementation, South-West, Nigeria

**Word Count:** 425

*Abbreviations: RFN: Researcher's Full Name, RD: Researcher's Department, RS: Researcher's School, RE: Researcher's Email, RAE: Researcher's Alternate Email, RP: Researcher's Phone Contact, RT: Registered Title, MS: Main Supervisor, ME: Main Supervisor's E-mail Address, SP: Main Supervisor's Phone Contact, CS: Co-Supervisor, CE: Co-Supervisor's E-mail Address, CP: Co-Supervisor's Phone Contact, AB: Abstract*

**Suggested Citation:** Olorunkalu, O.A., Madukoma, E., and Unegbu, V.E. 2023. Librarians' ICT Competence, Readiness and Implementation of Resource Description and Access (RDA) in Academic Libraries in South-West, Nigeria. PhD Thesis Abstract, College of Postgraduate Studies, Babcock University.  
[https://doi.org/10.61867/pcub.1\(5\).140](https://doi.org/10.61867/pcub.1(5).140)