



NIGERIAN LIBRARY ASSOCIATION (NLA)
NIGER STATE CHAPTER

2022
Annual
WORKSHOP/CONFERENCE

BOOK **OF**
ABSTRACTS

DECEMBER, 2022.



**NIGERIAN LIBRARY ASSOCIATION (NLA)
NIGER STATE CHAPTER**

**2022
Annual**
WORKSHOP/CONFERENCE

BOOK OF ABSTRACTS

4TH - 9TH DECEMBER, 2022.

© Nigerian Library Association (NLA), Niger State Chapter (2022).

2022 Annual Workshop/Conference

BOOK OF ABSTRACTS

4TH - 9TH DECEMBER, 2022.

Published and printed by
Mainasara Publishing and Printing Services Ventures
Along, Murtala Nyako Road, Bossa Low-Cost, Minna,
Niger State, Nigeria.
Tel: 07032844805
email: mainasaraP&Svent@gmail.com



FOREWORD

Information and Communication Technologies (ICTs) have undoubtedly revolutionized library and information services. This book of abstracts contains summaries of research reports on several fundamental issues reflecting on the innovations in library and information services in the current digital era. The range of topics covered in this book are very current, quite contemporary and in tune with the global standards and practices in library and information service occupation.

The authors in their presentations assume that the readers have prior knowledge on the traditional library and information services as a requisite for a better understanding of the contents of this intellectual work. The book is therefore highly rated and recommended as a reference point for both current and future researchers and students in the field of library and information science.

Fatimah Jibril Abdulkayan (PhD, CLN)
Chairperson, NLA Niger State.
Department of Library and Information Science,
Federal University of Technology, Minna.



TABLE OF CONTENT

FOREWORD	i
TABLE OF CONTENTS	ii
SEMIOTIC ANALYSIS OF LIBRARY HOMEPAGES: A CASE STUDY OF UNIVERSITY OF MANAGEMENT AND TECHNOLOGY, LAHORE, PAKISTAN.	01
IMPORTANCE OF RESOURCE SHARING IN LIBRARIES AND INFORMATION CENTRES IN THE DIGITAL AGE	01
THE FOURTH INDUSTRIAL REVOLUTION (4IR) AND INNOVATIVE LIBRARY AND INFORMATION SERVICE DELIVERY IN THE DIGITAL AGE	02
IMPACT OF ICT TRAINING ON THE JOB PERFORMANCE OF ACADEMIC LIBRARIANS IN KEBBI STATE, NIGERIA IN DIGITAL AGE.	03
THE CHANGING WORLD OF INFORMATION AND THE NEED FOR INFOPRENEURSHIP PRACTICE BY LIBRARY AND INFORMATION SCIENCE PROFESSIONALS IN 21st CENTURY NIGERIA	04
APPLICATION OF ICT IN THE ACADEMIC LIBRARY OF KEBBI STATE UNIVERSITY OF SCIENCE AND TECHNOLOGY ALIERO: PROBLEMS, SOLUTIONS AND PROSPECTS IN DIGITAL AGE.	05
A CLARION CALL FOR THE INCORPORATION OF SOCIAL MEDIA STUDIES IN LIBRARY SCHOOLS CURRICULUM	06
AWARENESS AND USE OF INSTITUTIONAL REPOSITORY ON POSTGRADUATE RESEARCH ACTIVITIES IN TWO (2) FEDERAL UNIVERSITIES, NORTH-CENTRAL NIGERIA.	06
USE OF SOCIAL MEDIA AS CORRELATES OF SERVICE DELIVERY BY LIBRARY STAFF IN IBRAHIM BADAMASI BABANGIDA UNIVERSITY, LAPAI, NIGER STATE, NIGERIA	07
ONLINE DATABASES IN LIBRARIES AS FACILITATORS OF UNDERGRADUATE STUDENTS' OF ENGINEERING SKILLS ACQUISITION IN NORTH CENTRAL, NIGERIA'	08
BOOK RECOMMENDER SYSTEM FOR UNIVERSITY LIBRARIES USING HYBRID COLLABORATIVE FILTERING AND CONTENT-BASED ALGORITHMS.	08
USE OF OPEN-ACCESS RESOURCES AND DIGITAL PLATFORMS FOR EFFECTIVE TEACHING AND PROFESSIONAL DEVELOPMENT OF SCIENCE TEACHERS IN NIGERIA	09



TABLE OF CONTENT

USE OF SOCIAL MEDIA AS INNOVATION FOR IMPROVED SERVICE DELIVERY IN NIGERIAN LIBRARIES	10
USE OF ADAPTIVE EQUIPMENT TECHNOLOGY FOR SUPPORTING DISABLED PERSONS IN FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA LIBRARY ENVIRONMENT.	10
4IR AND INNOVATIVE LIBRARY AND INFORMATION SERVICE DELIVERY IN THE DIGITAL AGE	11
WHATSAPP AS A TOOL FOR KNOWLEDGE SHARING AMONG ACADEMIC LIBRARIES IN NIGERIA	11
IMPACT OF LIBRARY AUTOMATION ON SERVICE DELIVERY IN LIBRARIES AND INFORMATION CENTRES	12
CLOUD COMPUTING AMONG STAFF OF MANAGEMENT INFORMATION SYSTEMS UNITS OF ACADEMIC INSTITUTIONS	12
INFLUENCE OF MANAGEMENT AND USE OF RECORDS ON ORGANISATION PERFORMANCE IN LOCAL GOVERNMENT COUNCILS IN NIGER STATE	13
CYBER SECURITY IN ACADEMIC LIBRARY UNDER THE 4TH INDUSTRIAL REVOLUTION ERA	13
INFORMATION DISSEMINATION BY PUBLIC LIBRARIES FOR SUSTAINABLE MENTAL HEALTH LITERACY AMONG YOUTHS IN RURAL AREAS OF NORTH-CENTRAL NIGERIA	14
THE USE OF ELECTRONIC INFORMATION RESOURCES BY UNDERGRADUATE STUDENTS OF ADAMAWA STATE POLYTECHNIC, YOLA NIGERIA	15
PRESERVATION OF MULTIMEDIA RESOURCES FOR EFFECTIVE SERVICE DELIVERY IN ACADEMIC LIBRARIES	15
ELECTRONIC JOURNAL PROVISION AND USER SATISFACTION AS FACTORS FOR JOB PRODUCTIVITY OF ACADEMIC STAFF IN SELECTED FEDERAL POLYTECHNICS IN NORTH-CENTRAL, NIGERIA.	16
INTEGRATION OF ARTIFICIAL INTELLIGENCE IN ACADEMIC LIBRARY SERVICES	17



TABLE OF CONTENT

SECURITY POSTURE AND LIBRARY AND INFORMATION CENTRE E-RESOURCES IN HIGHER EDUCATIONAL INSTITUTIONS LIBRARIES IN NIGERIA: AN OVERVIEW.	17
CREATING AWARENESS, PROVIDING ACCESSIBILITY AND ENSURING THE USE OF ICT FACILITIES IN ACADEMIC LIBRARIES	18
THE IMPACT OF INFORMATION COMMUNICATION TECHNOLOGY ON TEACHING AND LEARNING AMONG THE ACADEMIC LIBRARIANS OF ADAMAWA STATE POLYTECHNIC YOLA.	19
ASSESSMENT OF THE EXTENT THAT STATE UNIVERSITY LIBRARIES IN THE NORTH WEST ZONE OF NIGERIA HAS IMPLEMENTED CULNU STANDARDS ON LIBRARY PERSONNEL.	20
LIBRARY AND INFORMATION TECHNOLOGY PROCESSING SKILLS FOR ENTREPRENEURSHIP IN NORTH CENTRAL NIGERIA	20
ETHICAL ISSUES IN MANAGEMENT OF BIG DATA IN LIBRARIES AND OTHER INFORMATION CENTERS	21
DATA MANAGEMENT IN THE ERA OF INFORMATION AND COMMUNICATION TECHNOLOGY: LIBRARIANS CAN MAKE A DIFFERENCE	22
MOTIVATIONAL INDICES AND JOB PRODUCTIVITY OF LIBRARY STAFF IN NIGER STATE COLLEGE OF NURSING SCIENCES	23
TRANSFORMING ACADEMIC LIBRARIES INTO AN INTERACTIVE STEAM LEARNING ENVIRONMENT IN KANO STATE UNIVERSITIES	23
INFORMATION AND COMMUNICATION TECHNOLOGIES: AN ENABLER FOR RESOURCE SHARING IN LIBRARY MANAGEMENT	24
CHALLENGES AND PROSPECTS OF LIBRARIES AND LIBRARIANSHIP IN THE DIGITAL AGE	25
CHALLENGES AND PROSPECTS OF LIBRARIES AND LIBRARIANSHIP IN THE DIGITAL AGE	26
COMMUNIQUE ISSUED AT THE END OF THE 2022 NIGERIAN LIBRARY ASSOCIATION (NLA), NIGER STATE CHAPTER, CONFERENCE/WORKSHOP	27



ETHICAL ISSUES IN MANAGEMENT OF BIG DATA IN LIBRARIES AND OTHER INFORMATION CENTERS

BY

Abubakar, Fati (M. Phil)¹ (fati_abu@futminna.edu.ng); Musa Hussaini PhD²

hussaini.musa@futminna.edu.ng & Musa Imam Shakarau³ musa.imam@futminna.edu.ng

^{1,2,3} *Federal University of Technology, Minna, Niger State, Nigeria*

ABSTRACT

The increase advancement in information technology has increase the popularity of big data, this paper address some ethical issues that arise from the management of the big data in library and information centres with a view to ensuring that big data are managed professionally. The paper explains the concept of big data to mean any data whose volume is large and is sourced from various origins for multiple uses. big data has many benefit to the society are and have brought a significant improvement in the processing of information for research and policy uses, however, it is worthy of mention that the digitalization of data has its own risks and harbors certain challenges which can affect the quality of data itself, some challenges face by researcher and policy makers when utilized big data in library and information centres; User Privacy and Information Security Issues. Equal and Free Access to Information. Abused of Network Technology. Ethical Governance, Awareness concerns what individuals know and understand about big data analytics practices and decision making concerns the processes and outcomes of decisions that Library and information centres make using big data analytics. Some of the roles of librarians and information professionals as data ethicists; Data advisor/consultant – dealing with queries about data access, privacy/protection, sharing, and use at reference desks or point of need, Data literacy educators – extending information literacy instruction to data use in

diverse contexts: learning, the workplace, and everyday life, Cross-cultural mediators – anticipating cultural differences and alerting stakeholders to issues arising from plural and conflicting values. Some components of ethical competence for library and information practitioners are Ethical sensitivity, Ethical knowledge, Ethical reflection, Ethical decision-making and Ethical behavior. Competencies for data ethicists; some of the competences for data ethics identified are; Awareness of big data trends and developments, Knowledge of key ethical principles, codes and policies, Moral sensitivity, judgment, motivation, and character. The education expected of data ethicists; Guided reading, listening, and viewing, Blog posts, Books, Journal articles, Magazine features, News stories, Video, Case studies/reports/materials, Original or published sets of paradigmatic cases for analysis and discussion, with questions and/or commentaries to encourage critical reflection. Framework for Ethical Decision Making which among others includes; Recognize an Ethical Issue, Get the Facts, Evaluate Alternative Actions, Make a Decision and Test It, Act and Reflect on the Outcome. In conclusion, big data ethics is an important issue in the research field of library and information management, in the era of big data, the establishment of scientific and effective network ethics for the network, ethics construction plays a very important role.