ISSN: 0974-0643 (P)

Volume 45, Issue 1, January 2025

DESIDOC Journal of Library & Information Technology

https://publications.drdo.gov.in/ojs/index.php/djlit

Defence Research & Development Organisation

DESIDOC JOURNAL OF LIBRARY & INFORMATION TECHNOLOGY

A Publication of DRDO

DESIDOC Journal of Library & Information Technology (*DJLIT*), formerly DESIDOC Bulletin of Information Technology (DBIT), is a bimonthly, peer reviewed, open access (https://publications.drdo.gov.in/ojs/index.php/djlit) journal of the Defence Research & Development Organisation (DRDO), Ministry of Defence, Govt. of India. It publishes research and review papers with a slant towards IT as applied to library sources, services, and products covering the issues, trends and developments in the LIS field. It will benefit the librarians, documentation and information professionals, students, and all others interested in the field.

Editorial Board

Dr. G. Rathinasabapathy
Tamil Nadu Veterinary and Animal Sciences University, Chennai, India

Dr. G. Mahesh
Council of Scientific and Industrial Research (CSIR), New Delhi, India

Prof. Jagtar Singh
Punjabi University, Patiala, India

Dr. K. Veeranjaneyulu
National Institute of Technology (NIT), Warangal, India

Prof. K.P. Singh
University of Delhi, Delhi, India

Dr. M.R. Murali Prasad
Centre for Economic and Social Studies, Hyderabad, India

Dr. Mahendra N. Jadhav
Indian Institute of Technology Madras, Chennai, India

Prof. Manoj Kumar Verma
Mizoram University, Mizoram, India

Prof. Margam Madhusudhan
University of Delhi, Delhi, India

Dr. Nabi Hasan
Indian Institute of Technology Delhi, New Delhi, India

Prof. Naresh Agarwal
Simmons University, Boston, MA 02115, Boston

Dr. Nirmal Singh
Guru Angad Dev Veterinary & Animal Sciences University, Ludhiana, India

Dr. Pradeepa Wijetunge
National Institute of Library & Information Sciences, Sri Lanka

Dr. Satish Kanamadi
Tata Institute of Social Science, Mumbai, India

Dr. Yuh-Shan Ho
Asia University, Taichung, TaiwanAsia University, Taiwan

Editorial Team

Editor-in-Chief
Ms. Kiran Chauhan, DESIDOC, Delhi

Associate Editor-in-Chief
Dr. Mohd. Yousuf Ansari, DESIDOC, Delhi

Editor
Mr. Yogesh Modi, DESIDOC, Delhi

Assistant Editor
Mr. Rajiv Chopra, DESIDOC, Delhi
Mr. Ankur Pant, DESIDOC, Delhi

Design & Pre-Press
Ms. Bhawana Pal, DESIDOC, Delhi

Editorial Desk
Ph: 011-2390 2469/63
E-mail: djlit.desidoc@gov.in

Indexing/Full-text
The Journal is covered in Scopus, Web of Science (Emerging Source Citation Index), ProQuest, LISA, LISTA, EBSCO, Library Literature and Information Science Index/Full-text, Indian Citation Index, WorldCat, Google Scholar, and OCLC.

Printing
Mr. Rajesh Kumar Singh, DESIDOC, Delhi

Subscription and Enquiry

Mrs. Dipti Arora
DESIDOC, Metcalfe House
Delhi-110 054
Ph: 011- 2390 2612
Fax: 011-2381 9151
E-mail: marketing.desidoc@gov.in

Annual Subscription

₹ 1500.00

(*Discount: 15 % to Publishers/Vendors and Individuals*)

Subscription to be paid in advance by bank draft in the favour of **Director, DESIDOC**. Local subscribers may pay by cheque, payable at Delhi.

The editors or publisher do not assume responsibility for the statements /opinions expressed by the authors of the papers.

© 2025, Defence Scientific Information & Documentation Centre (DESIDOC), Delhi, India

pISSN: 0974-0643
eISSN: 0974-4658

DESIDOC Journal of Library & Information Technology

Volume 45 **Number 1** **January 2025**

CONTENTS

Research Papers

3-15 Analysis of Students' Digital Literacy Skills and Attitude Towards Drug-Related Information Resources: A Study of Selected Pharmacy Institutes in India
Dayanandappa Kori and *Umesh Kumar Patil*
DOI : 10.14429/djlit.19894

16-21 A Comparative Analysis of Single Sign-On and Proxy Solutions for Facilitating Remote Access to Electronic Resources in Academic Libraries
Mohan Teja Mattigiri, Mahabaleshwara Rao and *Shivananda Bhat K.*
DOI : 10.14429/djlit.19823

22-27 Empowering Accessibility: Converting Books for Print-Disabled Students in Government Law College Tiruchirappalli within the Framework of the Indian Copyright Act
N. Suresh, T.C. Thirunavukkarasu and *R.Rajyavardhanan*
DOI : 10.14429/djlit.19848

28-34 Ranking of The Colleges in India: A Study of The Elite Club
Sanjoy De, Soumen Teli, Surajit Mandal, and *Sujit Raychaudhury*
DOI : 10.14429/djlit.20248

35-42 Assess the University Virtual Library Spaces for Digital Information Services in Nigeria
Saturday U. Omeluzor and *Nelson Edewor*
DOI : 10.14429/djlit.20348

43- 50 Cloud Computing Applications: Digital Agenda for Automation and Networking of Libraries in Karnataka
Mahesh G.T, Jayamma K.V and *Mrutyunjaya Kotur*
DOI : 10.14429/djlit.20332

51- 56 Artificial Intelligence in Libraries, A Multifaceted Analysis of Integration, Impact, and Collaboration Dynamic
Manash Esh
DOI : 10.14429/djlit.20309

Review Papers

57- 64 Preservation and Revitalization of Indian Languages through Digital Archiving: A Systematic Review of Bharatvani
Shilpi Saxena and *Gurvinder Kaur*
DOI : 10.14429/djlit.20138

65- 73 The Impact of Knowledge Creation, Acquisition, and Capture on Knowledge Sharing: An Investigation Among Nursing Professionals
Chennupati Deepti, Somipam R. Shimray, Abdoulaye Kaba and *Chennupati Kodanda Ramaiah*
DOI : 10.14429/djlit.20187

74- 81 Augmented Reality Trends and Popularity in Libraries: A Systematic Review
Kiran Ranavagol S, Laxmi Yallappa Kamble, Somanagouda Shankargouda Patil and *Nijaguna*
DOI : 10.14429/djlit.19878

Back Cover: Information for Contributors

INFORMATION FOR CONTRIBUTORS

DESIDOC Journal of Library & Information Technology (*DJLIT*), a bimonthly, peer-reviewed publication of the Defence Scientific Information & Documentation Centre (DESIDOC) which publishes research and review papers on subjects of Library science and IT enabled technology and applications. **Papers submitted to *DJLIT* are evaluated by eminent experts in the field**. Interested author(s) may submit research papers based on the following guidelines:

(a) Typescript Requirement

Research papers (max length 3000 words) containing original research findings in a clear and concise manner.

Review articles (max length 5000 words) should survey, integrate and examine new information accumulated in recent years on a particular subject.

(b) Submission of Typescript

Authors should submit the soft copy (MS-Word compatible) in A-4 size. It should include: (i) title page with a running short title, (ii) abstract, (iii) keywords (iv) nomenclature of symbols used, (v) tables/ figures/illustrations along with their captions in serial order as they appear in text (vi) Address, telephone numbers, and e-mail ID.

It is mandatory for authors to submit manuscript via online submission system at: **http://publications.drdo.gov.in/ojs/index.php/djlit** in MS Word format only. In case of problems in uploading, a copy can be sent at **djlit@desidoc.drdo.in**

It is mandatory on the part of the corresponding author to furnish the following certificate at the time of submission of manuscript in the online submission

[This is to certify that the reported work entitled, "...." submitted for publication in DESIDOC Journal of Library and Information Technology (DJLIT) is an original work and has not been submitted/ published elsewhere. I/We further certify that proper citations to the previous reported work have been given and no data/tables/figures have been quoted verbatim from other publications without giving due acknowledgement and without the permission of the original author(s). The consent of all the authors of this paper has been obtained for submitting the paper to the Journal.

[Signature and names of all the authors]

Title Page

The title page should include: title of the article, name(s) of author(s) and affiliation(s), and the contact person to whom communications should be sent (in the case of a multi-authored paper).

Abstract

An abstract of about 200 words for research papers and for about 150 words for review articles should be provided along with the paper. An abstract should be informative and completely self-explanatory, briefly present the topic, state the scope of the study, indicate significant data, and point out major findings, conclusions and overall relevance and benefits to the LIS community.

Keywords

At least six to ten keywords representing the complete subject content of the paper should be given.

References

References to published literature should be numbered consecutively in order of their citation in the text and placed at the end of the paper. In the text, these should be indicated by superscripts. Latest references should be provided. Use of ibid., idem., op. cit., may be avoided. A reference should be listed only once. but cited in the text in parentheses (for example, ref. 5, p. 79). Explanatory material may be given as an appendix. Some examples of references are:

(i) Journal Article

Brown, S.J. & Duguid, P. Balancing act: How to capture knowledge without killing it. *Harvard Business Rev.*, 2000, **78**(3), 73-80.

Kumbhar, Rajendra. Academic library's responses to the emerging trends in higher education. *DESIDOC J. Lib. Inf. Tech.*, 2014, **34**(6), 477-85. http://publications.drdo.gov.in/ojs/index.php/djlit/article/view/6878/4701 (accessed on 5 December 2014).

The electronic sources should include the URL and date of access. Standard abbreviations as per the international standards should be used for the titles of periodicals. However, single and double word journal titles should be given in full.

(ii) Book/Monograph

Lancaster, F.W. & Warner, Amy. Intelligent technologies in library and information service applications. Information Today, Inc., Medford, NJ, 2001.

(iii) Chapter from a Book

Gupta, Dinesh K. A focus on customers: Imperative for managing quality in library and information services. *In* Delivering service quality: Managerial challenges for the 21st century, edited by M. Raghavachari & K.V. Ramani. Macmillan, New Delhi, 2000, 401-06.

(iv) Conference Paper

Huggett, Sarah & Lau, Georgin. Metrics in research evaluation. *In* 10th International CALIBER 2015: Innovative Librarianship: Adapting to Digital Realities, 12-14 March 2015, Shimla, HP. 2015. pp. 12-20. http://ir.inflibnet.ac.in/bitstream/1944/1841/1/2.pdf (accessed on 15 April 2015).

(v) Report

Birkler, John; Smith, Giles; Kent, Gleen A. & Johnson, Robert V. An acquisition strategy, process, and organisation for innovative systems. National Defence Research Institute, RAND, USA, 2000. RAND-MR-1098-0SD.

(vi) Standard

Bureau of Indian Standards. Quality management and quality assurance standards, Part 3: Guidelines for the application of 180 9001:1994 to the development, supply, installation and maintenance of computer software (first revision). BIS, New Delhi, 1997. 32 p. 18/IS0: 9000-3 (Part 3)-1997.

(vii) Thesis/Dissertation

Dutta, Nandini. Changing ethos of library service in the new environment: A study of select special libraries in Delhi. University of Delhi. 2012. PhD Thesis. 372p. URI: http://hdl.handle.net/10603/28343

Tables

Tables should supplement and not duplicate the information contained in the text. They should be explicitly referred to in the text in numerical order with brief titles. Column headings should be brief, bold and the units of measurement should be placed below the headings in parentheses.

Illustrations

All figures (charts, diagrams, line drawings and photographs) should be of good quality. Illustrations should be numbered in order of their occurrences in the text with Indo-Arabic numerals and with short descriptive captions. Lettering should remain legible after a reduction of 50-60 per cent. Scanned/photocopied images reproduced poorly should be avoided. Illustrations taken from other publications must be acknowledged. It is the author's responsibility to obtain permission for reprinting illustrations in *DJLIT*. Colour should be used only where absolutely necessary for understanding of the figure.

Abbreviations

Non-standard abbreviations may be shown in brackets where they are first mentioned, and these abbreviations should be used whenever the same terms appear again in the text. Abbreviations should, however, be kept to a minimum.

Proofs & Complimentary Journal Copies

Final proofs of the papers will be sent for correction (to be carried out within three working days) to all the authors for clearance before sending for printing. All the authors(s) will be given a hardcopy of Issue free of charge.

Papers which do not conform to these guidelines will not be accepted for publication in *DESIDOC Journal of Library and Information Technology.*

Recently Published Issues

November 2024

- Exploring the Impact of Social Networking Sites on Scholarly Communication: An Analysis Based on Selected LIS Journals through Almetric Explorer
  Bwsrang Basumatary Nijwm Basumatary Mayank Yuvraj and *Manoj Kumar Verma*
- Measuring the Social Attention of the Leading Medicine Journals of India: An Altmetric Analysis
  Pritam Dey and *Mukut Sarmah*
- Authorship Dynamics and Lotka's Law Applicability in the Realm of Archaeology
  Harpreet Singh and *Babita Jaiswal*
- Growth of Science Research and Its Reflections on Academic Performance at the University of Kerala
  Rajesh Kumar K. and *P. Padma*
- Scopus-indexed Journals of Humanities & Social Science in Tailand Through Bibliometric Analysis
  Sattra Maporn and *Jirarat Puseerit*
- Indian Contribution to Artifical Intelligence in the Field of Social Sciences during 2014-2023
  Seema Parmar Rajive K. Pateria Dinesh Kumari and *Shallu*
- Quantifying the Trends of DST-funded Environmental Science Research in India: A Scientometric Approach
  Pritam Dey Rajdeep Choudhury and *Mukut Sarmah*
- Beneficiary Correlation on NLIST Services in Colleges of Assam: A Nationwide Assessment
  Bhabananda Das and *Manendra Kumar Singh*
- *Exploring the Phenomenon of Library Anxiety in Higher Education Students: A Review*
  Md. Firdaus and Dharamvir Singh
- *Status of Open Access Respositories in the Maritime Field: A Review of Open DOAR*
  Chandrappa, Vasantha Raju N., N.S. Harinarayana

September 2024

- Implementing Free Persistent Identifiers in a Scientific Journal Management System Alternatively to DOI
  Yasiel Pérez Vera and Alvaro Fernández Del Carpio
- Curating the Future of Research: Navigating FAIR Challenges in Academic Repositories
  Juan-José Boté-Vericad, EminaAdilovich, Anna Caellas-Camprubí, and Ignasi Labastida
- Examining User Opinions, Satisfaction Levels, and Challenges Towards Institutional Repository: An Empirical Study
  Unzila Hurum, K.L. Mahawarand and Somipam R. Shimray
- Article Processing Charge for Open Access Articles in Iran
  Fatemeh Sohani, Maryam Shekofteh, Azam Shahbodaghi, and Sara Jambarsang
- A Meta-Analysis on the Correlation Between Traditional Metric Indicators and X Metrics of Library and Information Science Articles
  Vysakh C.
- Content Analysis of Library Websites of the Centre with Potential for Excellence in Particular Area (CPEPA) Universities
  Sanraj Roy and Nivedita Bhattacharyya Sahu
- Web Presence and Features of Library Websites/Webpages of NIRF-Ranked Pharmacy Institutes of South India: An Evaluative Study
  Sanraj Roy and Nivedita Bhattacharyya Sahu
- Research Practices and Priorities of Chemistry Researchers in the Western Himalayan Region of India
  Muruli N. and N.S. Harinarayana
- Marketing Strategy of Library Digital Services
  Syifaun Nafisah, Nazilatul Laili Sa'adah, and Nazrul Effendy

DRDO
DESIDOC
Publications