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- **Eleven Habits of Successful Librarians**
- **Comparison of Publication Trends of two LIS Journals**
- **Online YouTube Videos on Library Cataloguing**
- **Library Literacy Initiatives in State Universities**
- **Library Networking Services for Differently-abled Students**
- **Online Research Support Tools in University Libraries**



Indian Association of Special Libraries & Information Centres
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IASLIC Bulletin

A Peer-Reviewed Quarterly Journal

of Indian Association of Special Libraries and Information Centres

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Eleven Habits of Successful Librarians*

S G Mahajan^a

Abstract

[Purpose]: This lecture is for describing good qualities or habits that a successful librarian should inculcate. This paper describes eleven habits on record.

Design : These habits have been enumerated for the first time and presented for discussion through a gathering of a large number of professionals.

Findings : These eleven habits are (a) Being well-read (b) Being compiler of bibliography (c) Culling newspaper clippings (d) Collecting rare books and grey literature (e) Being compile of reference books local history books (f) Teaching and writing books (g) Preparing entries to update information (h) Submitting papers for seminar/conference (i) Taking initiatives in new activities (j) Being a life long learner and (k) Giving reference service.

Value : This paper gives directions for improvement of performance library professionals. The concept goes parallel to Academic Performance Indicator evolved by UGC. These are author's original invention based on 71 years of experiences. May be discussed at National Level, State Level even at International Level seminars / conferences.

Keywords : Habits of librarian; Performance evaluation; Successful librarian; Habits of librarian; Academic Performance indicator (API)– Librarians.]

1 Preamble

I am thankful to IASLIC for giving me an opportunity for sharing my experiences before the young generation. I accepted the invitation because it is related to Dr Ranganathan, at whose feet, I studied documentation at DRTC in 1968-69. I had the fortune of writing a book on Library Cataloguing for which Dr Ranganathan gave me permission to translate Classified Catalogue Code (CCC). I have cordial relations with IASLIC since 1962 in which year I presented my first paper in IASLIC Seminar held at Chandigarh. Since then I am writing papers for IASLIC Seminars or Conferences.

For the present lecture I have selected the topic 'Eleven (11) habits of successful Librarians'. I claim that I am a successful Librarian, hence I share my experiences with the young generation.

Discussion :

During discussion, the Speaker (Prof S G Mahajan) recapitulated some of his memories on Dr Ranganathan.

(1) Expenses only when necessary

Dr S R Ranganathan was granted National Research Professorship by the Govt. of India in 1965. He used to receive money for Honorarium,

salary of stenographer, printing and stationery, telephone and travel charges and for contingent expenses. He used to maintain the accounts neatly and sending a reports / utilisation certificate in time. He could therefore receive the amounts for further installments.

When I visited him, he was dictating a letter to the Govt. of India. He had submitted accounts

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* This paper is based on IASLIC - Ranganathan Memorial Lecture delivered by Dr S G Mahajan on July 15, 2021 through online mode.

and further replied that he is returning the amount not spent. I said, *why to return the money. Do utilise the same.* He thereon replied, *the money is people's money and it should not be spent when not necessary.*

(2) Holiday on 15th August

On 15th August 1968, the Indian National Flag was hoisted at DRTC Campus. Thereafter all the students requested to declare holiday. Dr Ranganathan asked whether breakfast is over. Yes, we replied. Further he asked whether you will take meals in the afternoon! *Certainly, what are you going to do now?* We had no reply. He

told, *you have come here having leave and spending money. Your aim is to complete your studies. Then why do you waste time? Use every day, hour, minute for your studies. You will not get such opportunity in your life. You need to attend lecture now. Do visit Cubbon Park in the evening, take meals / dinner out side. Hence there is holiday in the afternoon.*

During this year we studied/ attended lectures on all days. We could not visit even Mysore.

Thank you all.

Publication Trends of IASLIC Bulletin and Journal of Indian Library Association during 2010-2019: A Bibliometric Comparison

Dhiman Mondal^a, Mintu Halder^b and Nitai Raychoudhury^c

Abstract

Purpose: In 2019, IASLIC Bulletin (IB) and Journal of Indian Library Association (JILA) have completed 64 and 55 years respectively. The present comparison is to focus on the publication characteristics and trends of two reputed journals in the Indian LIS discipline.

Methodology: The bibliometric analysis is confined to scholarly articles of two journals. The archival issues of both journals have been consulted to collect the bibliographical details of the papers published from 2010 to 2019.

Findings: During the study period, the IB and JILA published 213 and 197 scholarly articles respectively. The collected bibliographical details of the papers are analysed in terms of year-wise growth, authorship, collaboration, popular authors, prolific institutions, geographical distribution, length and keywords. The study showed that a similar authorship distribution has been seen in the publications of both the journals while in total, two-authored articles (48.05%) were predominant followed by single-authored articles (42%).

Originality: The study provides an insight into the publication pattern of two official organs of two national-level library associations in India. Findings will be helpful to LIS professionals.

Keywords: Publication pattern; Bibliometrics; IASLIC Bulletin; Journal of Indian Library Association.

References

1. MAHESH (G) and WADHWA (N K). Web of Science based ranking of Indian library and information science journals. *Collnet Journal of Scientometrics and Information Management*. 6, 2; 2012, Dec. p263-72.
2. DUTTA (B) and SEN (B K). One hundred years of Indian LIS periodicals. *Annals of Library and Information Studies*. 61, 3; 2014, Sep. p167-92.
3. ANDHRA PRADESH Library Association. *Granthaalaya Sarvaswamu*. <http://www.apla.co.in/sarvaswamu/> (Retrieved on: Jan 3, 2021)
4. MUKHERJEE (B) and VISHWAKARMA (P). LIS journals in India: current status and some improvement measures. *Annals of Library and Information Studies*. 61, 3; 2014, Sept. p243-52.
5. SEN (B K). Top 7 Indian LIS journals. *Annals of Library and Information Studies*. 61, 3; 2014, Sept. p253-56.
6. SEN (B K). Top 7 Indian LIS journals. *Annals of Library and Information Studies*. 61, 3; 2014, Sept. p5.
7. MAHESH (G) and WADHWA (N K). Web of Science based ranking of Indian library and information science journals. *Collnet Journal of Scientometrics and Information Management*. 6, 2; 2012, Dec. p263-72.
8. SINGH (J), SHAH (T A) and GUL (S). Growth and visibility of LIS journals: an analytical study. *Annals of Library and Information Studies*. 61, 3; 2014, Sept. p193-8.

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9. DUTTA (B) and SEN (B K). One hundred years of Indian LIS periodicals. *Annals of Library and Information Studies*. 61, 3; 2014, Sep. p167-92.
10. HALDER (S N) and CHANDRA (S). A bibliometric study of published literature in library and information science in IASLIC Bulletin: 2003–2007. *Pearl: A Journal of Library and Information Science*. 3, 2; 2009, June. p4-12.
11. PANDA (J), MOHANTY (B) and SAHOO (J). Mapping of publication pattern of IASLIC Bulletin: a decade's analysis (2000-2009). *IASLIC Bulletin*. 56, 4; 2011, Dec. p234-43.
12. KARKEE (P) and SINHA (S). An appraisal of authorship and collaboration pattern in IASLIC Bulletin (2011-2018). *Library Philosophy and Practice (e-journal)*. 4083; 2020. <https://digitalcommons.unl.edu/libphilprac/4083>.
13. KUMAR (P). A bibliometric analysis of Journal of Indian Library Association (2007-2011). *Information Studies*. 19, 3; 2013, Sept. p171-80.
14. KURI (R) and PALLED (S). Bibliometrics study of Journal of Indian Library Association (ILA). *International Journal of Digital Library Services*. 6, 1; 2016, Mar. p49-57.
15. MONDAL (D) and SAHA (S). Journal of Indian Library Association during 2008-2014: a bibliometric study. *Journal of Indian Library Association*. 51, 1; 2015, Mar. p27-33.
16. WORDITOUT. <https://worditout.com> (Retrieved on: Jan 10, 2021)
17. ZAFRUNNISHA (N) and PULLAREDDY (V). Authorship pattern and degree of collaboration in psychology. *Annals of Library and Information Studies*. 56, 4; 2009, Dec. p255-61.
18. AJIFERUKE (I), BURELL (Q) and TAGUE (J). Collaborative coefficient: a single measure of the degree of collaboration in research. *Scientometrics*. 14, 5-6; 1988, Nov. p421-33.
19. MONDAL (D) and JANA (S). Collaborative authorship trend in leading Indian LIS journals. *DESIDOC Journal of Library & Information Technology*. 38, 5; 2018, Sept. p320-5.
20. DAPSI (S) and HATUA (S R). Library and information science literature in India: an examination of author-assigned keywords. *SRELS Journal of Information Management*. 54, 5; 2017, Oct. p236-40.

Online YouTube Videos on Library Cataloguing : An Analysis of Concepts and Practices

Kanchan Pal^a and Sharad Kumar Sonkar^b

Abstract

Purpose: YouTube has become extremely popular in recent years offering a learning resources through internet. The retrieval of documents from a huge collection necessitates cataloguing. This study attempted to determine the students' interests in studying the concept of cataloguing in an online mode on YouTube.

Methodology: Videos about cataloguing were collected using webometric analysis software. Webometric analyst is a free utility that uses an API key to get data from the internet. This tool was used to retrieve a set of data, which was used to conduct the study by analysing likes, views, comments and subscribes.

Findings: YouTube videos have a neutral stance toward viewers and the availability of online information is average. Moreover, half of the videos were about 20 minutes long. YouTube is a platform that bridges the gap between the teacher and the student.

Originality: There hasn't been any analysis to measure the students' interests in library cataloguing-related YouTube videos. This study is useful in determining learners engagement or information seeking interest on the topic 'Library Cataloguing' available through YouTube. This paper may also help library and information science students in becoming more aware of YouTube videos.

Keyword: Library cataloguing; YouTube; Video analysis; Concept; Practice; Webometric study

References

1. LEE (K N), JOO (Y J), CHOI (S Y), PARK (S T), LEE (K Y), KIM (Y) and SON (G H). Content analysis and quality evaluation of caesarean delivery-related videos on YouTube: cross-sectional study. *Journal of Medical Internet Research*. 23,7;2021. Doi:10.2196/24994
2. PIRES (F), MASANET (M J) and SCOLARI (C A). What are teens doing with YouTube? practices, uses and metaphors of the most popular audio-visual platform. *Information, Communication & Society*. 24,9; 2021. p1175-91. DOI: 10.1080/1369118X.2019.1672766
3. XIE (Z), WANG (X), GU (Y) and LI (D). Exploratory analysis of electronic cigarette-related videos on YouTube: observational study. *Interactive Journal of Medical Research*. 10,3; e27302, 2021. Doi: 10.2196/27302
4. GIMÉNEZ-LLORT (L). An ethnography study of a viral YouTube educational video in ecuador: dealing with death and grief in Times of COVID-19. *Frontiers in Psychiatry*. 12; 2021.
5. RAHMATIKA (R), YUSUF (M) and AGUNG (L). The effectiveness of YouTube as an online learning media. *Journal of Education Technology*. 5,1; 2021. p152-8.
6. MCAULIFFE (B). Queer identities, queer content and library classification: is 'queering the Catalogue' the answer? *Journal of the Australian Library and Information Association*. 70,2; 2021. p213-9. Doi: <https://doi.org/10.1080/>

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- 24750158.2021.1915618
7. DEORI (M), KUMAR (V) and VERMA (M K). Analysis of YouTube video contents on koha and dspace, and sentiment analysis of viewers' comments. *Library Hi Tech*. 2021. Doi: <https://doi.org/10.1108/LHT-12-2020-0323>
 8. Ozsoy-Unubol (T) and ALANBAY-YAGCI (E). YouTube as a source of information on fibromyalgia. *International Journal of Rheumatic Diseases*. 24,2; 2021. p197-202.
 9. BRAR (J), FERDOUS (M), ABEDIN (T) and TURIN (T C). Online information for colorectal cancer screening: a content analysis of YouTube videos. *Journal of Cancer Education*. 36,4; 2021. p826-31. Doi: <https://doi.org/10.1007/s13187-020-01710-8>
 10. KROTENTHALER (TN), SCHACHERL (R) and TILL (B). Communication about suicide in YouTube videos: content analysis of German-language videos retrieved with method and help-related search terms. DOI: <https://doi.org/10.1016/j.psychres.2020.113170> (Retrieved on Jan 10, 2020)
 11. MARCHAL (N), AU (H), HOWARD and PHILIP (N). Coronavirus news and information on YouTube: a content analysis of popular search terms. *COMPROP Data Memo*, 3; 2020
 12. YILMAZ (H) and AYDIN (MN). YouTube video content analysis on space maintainers. *Journal of Indian Society of Pedodontics and Preventive Dentistry*. 3,1;2020, p 34-40.

Library Literacy Initiatives in State Universities in Karnataka, India

Hemavathi B N^a and Ramesha^b

Abstract

Purpose : Library literacy is related to users' awareness about the library and its environment, a set of skills on users' familiarity with and in identifying the needed information and their information seeking process. The present paper attempts to study the library literacy initiatives in six state university libraries of Karnataka.

Methodology : Survey has been conducted among the university library users of the state general universities of Karnataka established before 2000 AD. A group (1340) of university library users' (1340) group consisting of university teachers, research scholars and postgraduate students were surveyed for data collection with a structured questionnaire.

Findings: The study found the irregularity in organising the library literacy program. Books, journals and newspapers are preferred by the majority of the users. Users know about basic information services of the library. The library literacy program of the universities cover a few basic topics such as using library catalogue / OPAC, accessing and searching information from library database. It is suggested to bridge the gap between the existing information sources, services and facilities and its utilisation by organising the regular information literacy programs for the benefit of the users and also suggested to utilise web platform to educate users by uploading the help video to assist the users.

Originality : Library literacy skills such as information search techniques/strategies, use of citations, use of referencing, managing the IPR and copyright issues build the confidence among users in using library resources, services and facilities. Thus the present study had proposed the library literacy as the first step of information literacy instruction programs of the university libraries.

Keywords: Library literacy; University library user; State university; Information literacy; Information literacy instruction program; Karnataka; India

References

1. LEUPP (H L). The library the heart of the university. *Bulletin of the American Library Association*. 18, 1924. p193-7.
2. BARKER-MATHEWS (S) and COSTELLO (M). If the library is the heart of the university, then information literacy is the brain: promoting 'Information literacy week' at Salford University. *SCONUL Focus*. 52; 2011. p28-30.
3. CORAVU (R). *Library literacy: the step before information literacy*. http://eprints.rclis.org/14540/1/library_literacy_vs_information_literacy-comunicare_sibiu2....pdf. (Oct 02, 2014). (Retrieved on: Jul 29, 2019).
4. HUMES (B). *Understanding information literacy*. 1999. US Department of Education, Office of Education Research and Improvement, National Institute for Post-secondary Education, Libraries, and Lifelong Learning; Washington.

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- 5 BELL (R). Library literacy in the academic library. *Innovation*. 1; 1990. p32
- 6 UNIVERSITY OF ARIZONA LIBRARY. *Library literacy*. [https://web.archive.org/web/20191218234247/http://intranet.library.arizona.e](https://web.archive.org/web/20191218234247/http://intranet.library.arizona.edu/users/brewerm/sil/lib/index.html) du/users/brewerm/sil/lib/index.html (Sept 07, 2006). (Retrieved on: Jul 29, 2019).
- 7 LILES (L). Library literacy in the community college setting. *Journal of Bermuda College*. 1 ; 2015, Jun. p51-7.

Library Networking Services for the Differently-abled Students in Kerala: A Proposal of State Consortium for Inclusive Libraries with Assistive Technologies (SCILAT)

V S Midhula Soman^a and K G Sudhier^b

Abstract

Purpose : This paper aims to propose a state library consortium of learning resource centres (LRC) with Assistive Technologies (AT), which needs to be tied up with the services of the national institutes, to provide services to the differently-abled students in Kerala.

Design : The authors attempt to review the present status of differently-abled students and the libraries of the inclusive as well as the special schools in the state of Kerala, which function without any cooperation or networking. The paper describes a well-designed network for bringing all school libraries attached to the education department of the Government of Kerala, and other institutions of national importance in the state.

Findings : This paper highlights the need of a state level consortium for inclusive libraries with assistive technologies, its establishment, framework and mode of operation. The proposed three tier network comprises of the network of library systems of individual schools in the state, a state level network of the institutions identified for different types of disabilities maintained by a network control centre and specific national institutes (orthopedic, visual and hearing impaired) identified for the purpose. The study covers various aspects of the consortia such as the infrastructure, information services provided, software aspects etc. It also enumerates the salient features and significance of establishing such consortium.

Originality : Developing integrated and contemporary policies for the development of school library networks and consortia initiatives will help the special need children.

Keywords: Differently-abled student; Assistive technology; Learning resource centre; Inclusive education; Inclusive library; State consortium; Kerala.

References

1. ROY (P C) and BANDYOPADHYAY (R). Designing barrier free services for visually challenged persons in the academic libraries in India. 2009. http://crl.du.ac.in/ical09/papers/index_files/ical-105_241_602_1_RV.pdf (Retrieved on: Mar 12, 2020).
2. INDIA. Ministry of Law, Justice and Company Affairs. *The persons with disabilities (equal opportunities, protection of rights, and full participation) act*, 1995. Govt. of India; New Delhi.
3. SANJEEV (K) and KUMAR (K). Inclusive education in India. *Electronic Journal of Inclusive Education*. 2, 2; 2007. Article7. <https://corescholar.libraries.wright.edu/cgi/viewcontent.cgi?article=1086&context=ejie> (Retrieved on: May 03, 2020).
4. BINDAL(S) and SHARMA (S). Inclusive

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- education in Indian context. *Journal of Indian Education*. 35, 4; 2010. p 34-45.
5. INDIA. Ministry of Human Resources Development. *Action Plan for inclusive education of children and youth with disabilities*. 2005. Government of India; New Delhi. <http://www.education.nic.in/>. (Retrieved on: Mar 12, 2020).
 6. INDIA. Ministry of Human Resources Development. *District Primary Education Programme (DPEP)*. 1997. Govt. of India, New Delhi,
 7. REHABILITATION COUNCIL of India. <http://rehabcouncil.nic.in/> (Retrieved on: Mar 12, 2020).
 8. CHAKRABORTI (S) and GHOSH (S B). Inclusive education in India: a developmental milestone from segregation to inclusion. *Journal of Education System*. 1,1; 2017. p 53-62.
 9. INDIA. Ministry of Human Resources Development. *National Education Policy*. 2020. Govt. of India; New Delhi. https://www.mhrd.gov.in/sites/upload_files/mhrd/files/NEP_Final_English_0.pdf (Retrieved on: April 18, 2020).
 10. NISBET (Paul). Assistive technologies to access print resources for students with visual impairment: implications for accommodations in high stakes assessments. *British Journal of Visual Impairment*. 38,2; 2020. p 222-47. doi: 10.1177/0264619619899678
 11. ROY (Protap Chandra), BANDYOPADHYAY (Ratna) and PANIGRAHI (Pijushkanti). Role of libraries in facilitating students with visual impairment in the Institutes of Higher Education of West Bengal : an analytical study. *IASLIC Bulletin*. 64, 1; 2019. p.40-58.
 12. RAVINDRAN (K). A plan proposal for modernisation and networking of Academic Libraries in Kerala to Achieve Consolidation and Optimum Utilisation of Resources. *ILIS Journal of Librarianship and Informatics*. 2, 2; 2019. p 7-14.
 13. KHOWAJA (Sufia) and FATIMA (Nishat). Knowledge resources for visually impaired persons: an indian perspective. *Library Philosophy and Practice*. 2019, Paper 3059. <https://digitalcommons.unl.edu/libphilprac/3059> (Retrieved on: Jun 15, 2020).
 14. MAHAWARIYA (K). A study of needs and requirements of visually impaired students of University of Delhi. *International Journal of Information Dissemination and Technology*. 9, 2; 2019. p 83-4.
 15. ROY (Protap Chandra), BANDYOPADHYAY (Ratna) and PANIGRAHI (Pijushkanti). Challenges faced by visually impaired students in higher education : a case study based on the University of Calcutta. *RBU Journal of Library and Information Science*. 20; 2018. p 3-14.
 16. BHARDWAJ (R K). Information access mechanism for visually impaired students in higher educational institutions: a study. *DESIDOC Journal of Library & Information Technology*. 38,6; 2018. p 387-95, doi: 10.14429/djlit.38.6.13603.
 17. NANDI (Ratna), PANIGRAHI (Pijushkanti) and RATH (Durgasankar). Changing paradigm of consortia: a retrospective analysis. *IASLIC Bulletin*. 62, 2; 2017. p 114-26
 18. DESAI (S), MANTHA (S) and PHALLE (V M). Assistive technology solution for disabled population of India. In International Conference on Current Trends in Computer, Electrical, Electronics and Communication; Mysore. 2017. p311-5, doi: 10.1109/CTCEEC.2017.8455072.
 19. GUPTA (S). Accessibility beyond disability and welfare. *Yojana*. 60, 5; 2016. p 18-21.
 20. ABDELRAHMAN (O H). Use of library technology and services by the visually impaired and the blind in the University of Khartoum, Sudan. *DESIDOC Journal of Library & Information Technology*. 36,3; 2016. p 93-7.
 21. MIDHULA SOMAN (V S) and SUDHIER (K G Pillai). Awareness and use of internet resources by the visually impaired students in Kerala: a case study of Thiruvananthapuram district. *DESIDOC Journal of Library & Information Technology*. 35,2; 2015. p 100-5. doi:

- 10.14429/djlit.35.2.8306
22. KUMAR (S) and SANAMAN (G). Web challenges faced by blind and vision impaired users in libraries of Delhi: an Indian scenario. *The Electronic Library*. 33,2; 2015. p242-57.
 23. SHARMA (U) and DAS (A). Inclusive education in India: past, present and future. *Support for Learning*. 30, 1; 2015. p 55-68.
 24. HANEEFA (K M) and SYAMILI (C). Use of information and communication technology by visually-impaired students: a study in University of Calicut, Kerala. *DESIDOC Journal of Library & Information Technology*. 34, 4; 2014. p <https://doi.org/10.14429/djlit.34.4.6586>. (Retrieved on: Aug 2, 2020).
 25. SREEKUMAR (M G) and VIJAYAKUMAR (J K). Kerala libraries network (KELNET): a proposal. National Seminar on Redefining the Role of Public Libraries in India : The Knowledge Society Imperatives. Aug 6-8, 2008. Kerala Library Association; Thiruvananthapuram. 2008.
 26. CHOLIN (V) and KARISIDDAPPA (C R). Library consortia for academic libraries in the e-publishing era. International Conference on Internet Engineering for Libraries and Information Centres. Caliber, 9th. INFLIBNET Centre; Ahmedabad. 2002. p. 362-74.
 27. KERALA. Social Justice Department. <http://swd.kerala.gov.in/> (Retrieved on: Jul 22, 2020).
 28. INDIA. Ministry of Human Affairs. *Census of India*. 2011. Government of India; New Delhi. Retrieved from <http://censusindia.gov.in/> (Retrieved on: Aug 12, 2020).
 29. KERALA. General Education Department. <https://education.kerala.gov.in/scert/> (Retrieved on: Aug 12, 2020).
 30. KERALA. State Council of Educational Research and Training, <https://scert.kerala.gov.in/> (Retrieved on: Aug 12, 2020).
 31. INDIA. Ministry of Human Resource Development. Department of Elementary Education and Literacy. *Responding to children with special needs: a manual for planning and implementation of inclusive education in Sarva Shiksha Abhiyan*, 2006. Department of Elementary Education and Literacy, Govt. of India; New Delhi. http://www.ssa.nic.in/childspl/ssa_plan_manual.pdf. (Retrieved on: Mar 12, 2020).
 32. INDIA. Ministry of Human Resource Development. Inclusive Education of the disabled at secondary stage (IEDSS). Government of India; New Delhi. <https://mhrd.gov.in/iedss>. (Retrieved on: Sept 12, 2020).
 33. AHMAD (F K). Use of assistive technology in inclusive education: making room for diverse learning needs. *Transcience*. 6,2 ; 2015. p 62-77. https://www2.hu-berlin.de/transcience/Vol6_No2_62_77.pdf. (Retrieved on: May 12, 2020).
 34. WORLD HEALTH organisations. *Assistive devices/technologies*. 2009. (<http://www.who.int/disabilities/technology/en/>). (Retrieved on: Jun 19, 2020).
 35. CHAKRAVARTY (R) and MAHAJAN (P). Role of libraries in facilitating reading habits: use of all-inclusive assistive technologies. *KIIT Journal of Library and Information Management*. 1,1; 2013. p28-33.
 36. MIDHULA SOMAN (V S) and SUDHIER (K G). Information needs and seeking behavior of hearing impaired students in NISH and need for LRC. International Conference on Trends in Knowledge and Information dynamics. Jul 10-13, 2012, DRTC; Bangalore. 2012.
 37. MAVROU (K). Assistive technology as an emerging policy and practice: processes, challenges and future directions. *Technological Disability*. 23,1; 2011. p41-52.
 38. INDIA. Ministry of Social Justice and Empowerment. <http://socialjustice.nic.in/> (Retrieved on: May 12, 2020).
 39. CENTRE FOR disability studies. <http://cdskerala.org/cds/> (Retrieved on: May 12,

- 2020).
40. KERALA FEDERATION of the blind. <https://kfbindia.org/> (Retrieved on: May 12, 2020).
 41. NATIONAL INSTITUTE of Speech and Hearing. <http://www.nish.ac.in/> (Retrieved on: May 12, 2020).
 42. NATIONAL INSTITUTE for locomotor disabilities (Divyangjan) <http://www.niohkol.nic.in/> (Retrieved on: May 12, 2020).
 43. NATIONAL INSTITUTE for the empowerment of Persons with Visual Disabilities. <http://nivh.gov.in/> (Retrieved on: May 12, 2020).
 44. ALI YAVAR JUNG National Institute of Speech and Hearing Disabilities. <http://www.ayjnihh.nic.in/> (Retrieved on: May 12, 2020).
 45. BISWAS (Bidan Chand) and DASGUPTA (Swapan K). Opportunities for libraries in managing resource sharing through consortia: a new challenge for Indian Libraries. International Caliber-2003. Feb 13- 15,2003. INFLIBNET; Ahmedabad. 2003. p 291 - 7 . <http://ir.inflibnet.ac.in/handle/1944/196> (Retrieved on: Jun 22, 2020).

Online Research Support Tools in University Libraries : An Exploratory Study

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Abstract

Purpose: The purpose of this paper is to find out the different research support tools used in the libraries of famous Universities worldwide, and make a comparative study among these tools, especially antiplagiarism and reference management tools.

Design: The work has been designed by a survey of the Universities worldwide, through their websites and other reference sources.

Findings: The findings show that Turnitin and Ithenticate are the most popularly used antiplagiarism tools; End note and Zotero are the two most commonly used reference management tools all over the world.

Value: The value of this paper lies in the fact that more works are needed to be done on these important aspects – research support tools, which are very essential for the libraries, specially the antiplagiarism and reference management tools. For a research to take place ethically, and for the help of the researcher, these tools provided by the libraries are very important, and so focus has been given on the study of these tools.

Keywords: Academic integrity; Research support tool; Antiplagiarism tool; Reference management tool; University library; Meta analysis

References

1. LUCAS(S E). *The art of public speaking*. 2001. 7 th ed, McGraw-Hill.; New York.p43-7.
2. KALITA (Deepjyoti),BABA (M. Sai). Resource Description Capacity of Reference Management Software: A case study. Creativity, Innovation and Transformations in Libraries. National Conference on Creativity, Innovation and Transformation in Libraries (SALIS 2016). Society for the Advancement of Library and Information Science, Tiruchengode, Tamilnadu, July 8-9, 2016. p232-7.
https://www.academia.edu/28784987/Resource_Description_Capacity_of_Reference_Management_Software_A_Case_Study (Retrieved on 28.12.2019)
3. KAMILA (Kanchan). Plagiarism: a State-of-the-Art-Report. In: DHANAVANDAN (S) and TAMIZHCHELVAN (M), Ed. *Research methodology for librarians: tools and techniques*. Dominant Publishers & Distributors; New Delhi. p245-59.
4. SINGH (B P). Preventing the plagiarism in digital age with special reference to Indian Universities. *International Journal of Information Dissemination and Technology*, 6, 4; 2016, Oct-Dec. p281-87.
<http://www.ijdt.com/index.php/ijdt/article/view/File/449/331> (Retrieved on: 28.12.2019)
5. VIJ (Rajeev), SONI (Navin Kumar), MAKHDUMI (Gayas). Encouraging Academic Honesty through Anti-plagiarism Software. Convention on Automation of Libraries in Education and Research Institutions, 7th.

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- INFLIBNET Centre, Pondicherry University, Puducherry, Feb 25-27, 2009. Pondicherry University, Puducherry. 2009. p 439 - 48. <https://inflibnet.ac.in/caliber2009/CaliberPDF/55.pdf> (Retrieved on: 28.12.2019)
6. PARABHOI (Lambodara), SETH (Arabinda Kumar), PATHY (Sushanta Kumar). Citation Management Software Tools: a Comparison with Special Reference to Zotero and Mendeley. *Journal of Advances in Library and Information Science*. 6,3; 2017. p288-93.
7. TENOPIR (Carol), SANDERSKY (RJ), ALLARD (Suzie) and BIRCH (Ben). Research data management services in academic research libraries and perceptions of librarians. *Library and Information Science Research*. 36,2; 2014 p. 84-90