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- Scientometrics of Information Science
- Golden Open Access Publishing
- Usage of Print and Electronic Resources
- Reading Habit of School Students
- Preferences of Communication Channels



Indian Association of Special Libraries & Information Centres

Kolkata - 700054

IASLIC Bulletin

A Peer-Reviewed Quarterly Journal

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CONTENTS

Scientometrics of Information Science and Scientometrics Research in India as reflected through Indian Science Abstracts during 2011-2015	131
G L Soumya Rani and K G Sudhier	
Opportunities and Challenges in Golden Open Access Publishing in Food Science and Technology	143
T Padmavathi	
Usage of Print and Electronic Resources among under Graduate Students of National Institute of Technology, Jaipur (India): An Assessment	158
Nirupma Chohda and Shiv Kumar	
Reading Habit of School Students: A Survey of Upper Primary Schools of Lucknow, India	172
Vibha Gupta, Sumit Kumar Gupta and Babita Jaiswal	
Designation-wise Preferences of Communication Channels: A Study of Faculty Members of North India	184
Jyoti Sharma and Rupak Chakravarty	

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Scientometrics of Information Science and Scientometrics Research in India as Reflected through Indian Science Abstracts during 2011-2015

G L Soumya Rani^a and K G Sudhier^b

Abstract

Purpose: The purpose of the study is to quantitatively assess the Indian information science and scientometrics research output during 2011-2015. The study is based on Indian Science Abstracts, the leading abstracting database published by the CSIR- NISCAIR.

Methodology: An analysis of 1604 contributions indexed in Indian Science Abstracts (ISA) in the area of information science and scientometrics during 2011-2015 is carried out. All the bibliographic details of publications were scanned and identified from the online ISA, through the NISCAIR website and the data elements were transferred to the spread sheet application.

Findings: The findings of the analysis shows that Indian output in the fields were very less(1.26%) compared to the total contributions in ISA and also there is no constant increase in the productivity obtained. Analysis of the bibliographic forms of contributions shows that, out of the 1604 contributions, most of them were research articles published in journals followed by theses. The average collaboration coefficient for five years was noticed as 0.35. B. M. Gupta and Gangan Prathap were identified as the top ranking authors in this field of research during the period of study. The productivity of academic institutions were very high (81.86%) compared to other types of institutions and Annamalai University, Chidambaram is the top ranking institute followed by CSIR- NISTADS, New Delhi. In terms of productivity, Tamil Nadu is the top ranked state in the country followed by Karnataka. DESIDOC Journal of Library and Information Technology and Annals of Library and Information Studies are the top ranking journals in the area of information science and scientometrics by the Indian scientists during 2011-2015.

Originality: It is a pioneer study on the Indian scientometrics and information science research output based on Indian Science Abstracts and paper provides reliable and authentic findings.

Keywords: Information Science, Scientometrics, Authorship study, Collaboration coefficient, Indian Science Abstracts, India.

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Opportunities and Challenges in Golden Open Access Publishing in Food Science and Technology

T Padmavathi^a

Abstract

Purpose: The worldwide open access movement has impacted a paradigm shift in the scholarly communication arena. Traditional publishing model is slowly and steadily moving towards the open access (OA) model as not only non-profit publishers but also commercial publishers are adopting the OA model as a viable solution of the future. OA with its promise to transform the scholarly publishing landscape by providing free and seamless access to research articles published worldwide has significantly impressed the academia. Publishing in OA journals is considered to be the most preferred route to open access also known as the “gold road”. In most cases, authors may have to pay a publication fee known as article-processing charge (APC) to get their articles published in an OA journal. The recent expansion of OA journals across scientific disciplines, geographical regions and diverse types of publishers has raised concern regarding the quality standards followed by the majority of them for peer-review process, e-publishing, archiving and sustainability. As such there are strong demands for building quality standards for the open access scholarly publishing.

Methodology: OA journals in the area of Food Science & Technology (FST) are analysed and highlight basic criteria regarding quality evaluation. OA journals in FST were selected from various internet resources viz., Directory of OA journals (DOAJ), Beall's list, Academic Journals, Biomed Central, The Scientific Electronic Library Online (SciELO) and commercial publishers and applied the filtering criteria on the basis of their year of availability, country and ISSN to study the OA publishing trend in the FST domain. Various benchmarking standards like Impact Factor, Scimago, SNIP, ISSN, citation received for a period of previous two years, number of articles published, provision of doi, archiving policies and article processing fee were analyzed and compared.

Findings: The open-access movement has opened up a wide world of opportunities to the scientists and researchers around the world to showcase their research and readers all over the world the choice of unlimited access to R & D output freely and immediately.

Originality/Value: This study on OA publishing may improve the reader's perception and also the creator about OA in general and in the FST domain. This would consecutively result in extensive scattering of data and more noteworthy advances in science.

Key Words: Food Science, Open access publishing, Open access journals, Open access business models, Predatory publishers.

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Usage of Print and Electronic Resources among Under Graduate Students of National Institute of Technology, Jaipur (India): An Assessment

Nirupma Chohda^a and Shiv Kumar^b

Abstract

Purpose: The purpose of present study is to find the use of resources both in print and electronic format among undergraduate students of Malaviya National Institute of Technology (MNIT), popularly known as NIT, Jaipur (India).

Methodology: Questionnaires were distributed to 135 respondents, however 110 completely filled questionnaires were received, which were analyzed through Statistical Package for Social Sciences (SPSS) to obtain results.

Findings: The findings of the study indicated that undergraduates were inclined towards print but include electronic resources in their academics for achieving goals. They found that both formats complemented each other. Print is not quietus even though e-resources are trying to overshadow them, however, print is still in demand for its diverse advantages such as personal touch, physical presence, convenience, etc.

Originality/Value: The study has the significant practical implication, as it provides favorite choice of format of undergraduates and their information use. Ascertaining of the favorite mode of format and the reasons for the change in reading behavior of the students' will be beneficial for all those library professionals who are engaged in procuring the resources as per the market trends.

Keywords: Print resources, Electronic resources, User studies, User preferences, Print resources, Electronic resources, Digital media

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Reading Habit of School Students: A Survey of Upper Primary Schools of Lucknow, India

Vibha Gupta^a, Sumit Kumar Gupta^b and Babita Jaiswal^c

Abstract

Purpose: This paper is to investigate reading habit of upper primary school students in Lucknow. The study is also to reveal the students perception on reading, the barriers of reading, relationship between reading habit and academic performance and students' opinion over improving reading habit.

Methodology: Survey method is employed to conduct this study. The simple random sampling method is used to select population. The data for this study was collected by means of a questionnaire.

Findings: It is found that 81.25% students have reading habit. Reading is interesting and enjoyable for 78.07% students. Students face different kinds of barriers in which 40.38 % students find home environment as barrier in reading. Positive relationship is found between Students' academic performance and reading habit.

Originality/value: The study provides facts over reading habit of school students from 5th to 8th class in Lucknow. Relationship between students' academic performance and reading habit is revealed.

Keywords: Reading habit, School student, Upper primary school, Lucknow, India, Survey.

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Designation-wise Preferences of Communication Channels: A Study of Faculty Members of North India

Jyoti Sharma^a and Rupak Chakravarty^b

Abstract

Purpose: The study aims to know the Preferred Communication Channels of faculty members in the discipline of Library and Information Science in North Indian universities according to their designation.

Methodology: The data used for the present study was obtained by online questionnaire, websites of universities, emails and phone calls. The study covered 15 North Indian universities equipped with the departments of Library and Information Science. Total research productivity is 2420 publications of 67 faculty members.

Findings: For the intense analysis, year wise distribution of preferred communication channel has been calculated column wise and row wise. There are significant differences in research productivity at different hierarchy of designations (Assistant Professor, Associate Professor and Professors) and there is significant association between the research productivity of male and female LIS faculty members of select North Indian universities. Both the hypotheses are rejected.

Keywords: Communication Channels, Faculty Members, North India, Document type.

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