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Bulletin

**A Peer-reviewed
Quarterly Journal**

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- Technical Writing
- Coping up with Climate change using Information facilities
- Hindi in Information Retrieval
- E-Books and Collection Development
- Storage and Retrieval of Multimedia Resources
- Letter to the Editor



Indian Association of Special Libraries & Information Centres

Kolkata - 700054

IASLIC Bulletin

A Peer-Reviewed Quarterly Journal

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The IASLIC Bulletin

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Why, What and How of Technical Writing*

S Seetharama^a

Abstract

Discusses the need for Technical Writing (TW) & provides a definitional analysis of TW. Highlights the characteristics & principles of TW, difficulties in TW, TW vi's-a-vis Library & Information Professionals, Reader-Writer relationships and Aberrations in TW with particular reference to Content readability & Technical style and presentation. Outlines the prerequisites for TW and provides basic guidelines and steps involved in TW with emphasis on points to be considered in the presentation of information in Technical Communications - - Abstracts, Technical Reports, Review article / State-of-the-art report/Monographs, etc. Some examples related to TW are given in the annexure.

* Based on the IASLIC - Ranganathan Memorial Lecture 2014 delivered on 21.5.2018

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Coping up with Climate change in Sundarban using Various Information Facilities*

Pranabes Sanyal^a

Abstract

In the wake of awareness about global climate change, Sundarban Biosphere Reserve with its 4.1 million strong human population features as one of the most vulnerable areas. Being the world's largest delta Sundarban receives second highest quantity (1670 million tons)¹ of sediments and is thus, subjected to gradual subsidence. This is giving rise to additional acceleration to the eustatic rate of sea-level rise in Sundarban. As a result, sea facing Islands are vanishing, famous Gangasagar Temple had to be shifted north twice², the salinity of surface and subsurface waters of the estuary is on the rise³. Several endangered mammals, reptiles became extinct during last 100 years. The mangrove plant community, migrates from outer to mid estuary, Sundari (Heritiera fomes) trees are stressed. Tigers are migrating from the south to northern forests closer to the habitation. Man animal conflict increased^{4,5}, Tigers' health is also physiologically stressed and they are much lighter than peninsular tigers. Due to increase in more saline resistant mangroves like Avicennia marina, A. alba density of pneumatophores increased in Sundarban resulting in fewer success of prey catch for the tigers. This also might have told upon tigers' body weight.

Nearly half a million inhabitants of Sundarban are facing the hazards of losing land and house to become climate refugees. 15% of the embankments of Sundarban are vulnerable to over toppling of tidal inundation within the agricultural areas⁶.

In view of above, coping up with the climate adversities in Sundarban became expedient. The 21st Conference of Parties of UNFCCC (21st COP) also aims at "Increasing the ability to adapt to the adverse impacts of climate change and foster climate resilience and low greenhouse gas emissions development, in a manner that does not threaten food production". Therefore it prompts in Sundarban for a Massive rainwater harvesting which can dilute the shallow aquifer and make it fit for farm irrigation. Large scale mangrove plantation on new char lands can make up for the drowned mangrove covered south facing Islands. Height of vulnerable embankments can be raised to prevent inundation of farm lands by saline tidal waters.

Advance rehabilitation planning for the possible climate refugees of inhabited vanishing Islands and reintroduction of indigenous saline-paddy varieties are the coping up steps

Keywords : Climate change, 21stCOP, High-gale, Man-animal conflict, Climate refugees, Abnormal adaptation

* Based on 29th IASLIC- R C Gupta Annual Lecture 2016 delivered by Dr. Pranabesh Sanyal on 24.04.2018 at IASLIC

^a Visiting Faculty, School of Oceanographic Studies, Jadavpur University, Kolkata- 700032, West Bengal, India
Ex- Director, Sundarban Biosphere Reserve, India. Ex-Member, Sundarban Development Board.

Hindi in Information Retrieval : Issues and Challenges for Developing a Computational Model

Pratibha Singh^a and Aditya Tripathi^b

Abstract

Purpose: The present paper aims to study the development of Hindi language in a computational system. There are a number of technologies that have been developed to promote the Hindi language in the fields of information science and ICT. Many search engines that provide Hindi searching and translational tools, that translate other languages into Hindi are available. The present study is centralized to sort out the problems of Hindi language in a computational system.

Design/methodology/approach: Literature review has been done by systematically collecting the existing literature on the topic and classifying them on the basis of development, improvement in the area, problem context, methodology and results under consideration. Different institutional websites are analyzed to find out complexities of the Hindi language.

Findings: A number of techniques and search engines have been developed to facilitate Hindi text searching, but many inaccuracies still arise in the search results. One of the dominant problems appearing while searching in Hindi arises when a text formed by combinatorial characters or words is searched. Still, the technologies are in their infancies and complexities do exist with the Hindi language in the field of computers.

Originality/value: The paper is an original work and is not published before anywhere. The present study is limited to find out the developments, issues and future scope of the Hindi language in computational system.

Keywords: Information Retrieval Compound Word, Combinatorial Characters, Multilinguality, Feminine, Masculine, Pluralization

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E-Books: Problems and Challenges in Collection Development in Libraries

Monishankar Chhetri^a and Ranjan Sinha Thakur^b

Abstract

Purpose: The study is to identify different models available with different well-known publishers and derive a solution to achieve the optimum utilization of e-books by the stakeholders. It highlights the practical considerations to be made at the time of choosing an e-book package for a library. Digital Rights Management (DRM) restrictions and purchasing options vary considerably from publisher to publisher. The landscape of e-book publishing is rapidly changing, which warrants complicated purchasing decisions.

Methodology: Data are collected from nine publishers for the comparison of different models available, DRM policy, usability, compatibility, and accessibility features. A comparative study has been presented to show the different features available, which may be useful for library professionals during the collection development process of the e-book and making purchasing decisions for e-book best suited to their library.

Findings: Finally, it is found that purchasing options, Digital Rights Management, accessibility, usage restriction options vary considerably from publisher to publisher.

Originality: The outcome of the study would be useful for library professionals while planning for collection development and procurement of the e-book; Purchasing decisions can also be properly addressed for e-books best suited to their library.

Keywords: E-book, Pricing models, Digital rights management, Academic library.

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Storage and Retrieval of Multimedia Resources in Multimedia Libraries: A Study

Kimi^a and Meera^b

Abstract

Purpose: *The present study is to bring a light on the various methods of storage and retrieval of multimedia resources and their contribution to the users in five different multimedia libraries viz. Asia News International (ANI) - TV Archive; Prasar Bharati Archives (PBA), Eternal Gandhi Multimedia Museum (EGMM), National School of Drama (NSD) - Audio Video Library and Sangeet Natak Academi Museum and Library. The study also focuses on the various facilities provided for the management and organization of multimedia resources available in the aforementioned libraries.*

Methodology: *For the present study, the method of survey has been adopted wherein the help of questionnaires followed by interviews of the librarians has been taken to bring out the clarity in the subject. Analysis of the data collected from multimedia libraries is done and the observations have been described with the help of Tables.*

Findings : *There are various physical storage devices in the libraries. Hard Disc, Magnetic Tapes, Compact Disc, DVDs. Different softwares for different type of resources are being used by different libraries. In regard to the softwares used for automation of resources, the data reveals that most of the libraries are using commercial library software called LIBSYS-4. TIFF, JPEG/JPG/JIF, and PNG are mostly used image formats. MP3/MP4, MPEG and WAV are audio/ video formats which are mostly subscribed by libraries for storage of their audio-video resources.*

Originality/Value : *This study is beneficial to users of multimedia resources and it is also helpful to multimedia libraries for enhancement of their library resources and services.*

Keywords: *Multimedia Resources, Storage of multimedia resources, Retrieval of multimedia resources, and Storage and Retrieval, etc.*

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ॐ श्री गणेशाय नमः
समस्त विद्यार्थिभ्यो नमः

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तन्न सर्वे प्रचोदयान् .

To,

The General Secretary / Editor
Prof. Dr. Pijush Kanti Panigrahi,
IASLIC, P-291, Kolkata,

Dear Sir,

I received IASLIC Bulletin vol. 62,
No. 2 June 2017.

I congratulate you and all the
colleagues for publishing such
informative material in our bulletin.
You have really contributed very
efficiently and bringing up to date
knowledge in our field of library
science.

The book review of Sh. Pravekar Rath
is very useful for students & all.

I wish again and again very successful
flight of our IASLIC.

Thank you.

yours

Nagpur

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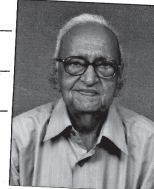
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	<p>While in Project Development India Limited (FCI) Sindi, Dhanbad Bihar (Now Jharkhand) working as Documentation Manager, I used often to visit, Sh. Respected Ym Muly, Librarian, National Library, Calcutta and Shri Suryakant Kulkarni, Geological Society India, and also used to visit our IASLIC offices while at old address. (1964 - to 1980).</p> <p>I am life member of IASLIC since 1958, Now aged 86 (Sr. Citizen) and I heartily wish very good days & success to our IASLIC.</p> <p>While in ICAR New Delhi, I had good luck to work & learn under able guidance of Dr. D.B. Krishnarao & Sh T.S. Rajagopalan (1959-1964), Attended DRIC Seminar.</p> <p style="text-align: right;">yours Madhusudan Das</p>
	<p>Thank you very much for the compliments you extended for the march forward of the IASLIC Bulletin and IASLIC to reach the goal. The utter and the unqualified support of yours to go in for enjoying the delights of the professional seniors of higher echelon of your strata would undoubtedly be the stimulative strength to go ahead with the task. Wish you long life and the best regards.</p> <p style="text-align: right;">- Editor, IASLIC Bulletin</p>

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