



NEWSLETTER

Editors:

Ms. Rhoda Bharucha

Ms. Sangita Bhatt

ADINET (Advanced Information Network)

C/o Sadvichar Parivar, Opp. Ramdevnagar Bus Stand, Satellite Road, Ahmedabad

Phone: 079- 2686 0730 Email: alibnet@gmail.com Website: www.alibnet.org

Contents

From Publisher's Desk

"Up-Skilling Librarians To Upgrade Online Services"
4 to 8 May 2020

Website Design & Maintenance

Providing Online Services: Searching Skills

Copy Catalog & ADINET Union Catalog

FROM

PUBLISHER'S DESK

Dear LIS Professionals,

This is the first Newsletter during this Pandemic. From 4th to 8th May 2020, we had our first Online Workshop on "**Upskilling Librarians to Upgrade Online Services.**" This was especially held to empower Professionals in small libraries, who do not have adequate resources. We received an overwhelming response for this Workshop. The participants found it to be very useful. This issue contains details about this Workshop.

The **Creativity Workshop for LIS Professionals** was held on 28th May 2020. This was conducted by Dr. Arpan of Penn State University. Only 15 persons were invited for this Workshop. Since they found it to be interesting & useful,

this same Workshop will be held again at the National level on 17th June.

ADINET also held a **Panel Discussion** on Saturday 30th May. The topic was **Libraries in Lockdown: Issues & Challenges.** Five Panel Members from School, College, University & Public Libraries discussed in detail the Services to be provided and the Precautions to be taken during both the current & post Covid periods. This Discussion was moderated by Dr. Shailesh Yagnik of MICA. Over 150 Participants attended this Panel Discussion

A very fruitful **Meeting of the ADINET Working Group** was held on 28th May using the Zoom Platform. Ten Members attended this Meeting, four Members could not attend. Owing to this virtual platform we have been able to include members from other cities. This is indeed a big advantage. It was decided to undertake many initiatives. It was also agreed to **postpone the Librarians Day Seminar** which was scheduled to be held on 8.8.2020.

It was suggested that ADINET should form **Working Groups** for School, College, University, Public Libraries & from LIS Teachers. These Groups can identify the issues they are facing & if possible, the Members can help to resolve them. From several years ADINET has contacted senior professionals in various cities of

Gujarat to be **ADINET Ambassadors** in different cities of Gujarat. Now that we are working online, this will become more feasible. We could also have Subject Wise Representatives. We now need to identify Professionals who would like to help ADINET. **If anyone is interested to help, please do contact us.**

We could request these Groups to help us

1. Promote ADINET & its activities
2. Make Members for ADINET
3. Give News of Library activities in their region
4. Organise Workshops, Training Programs

Working Groups of ADINET could meet with all these Members, once in four months to review the work done.

Contact a Teacher

In order to help students, it was suggested that we ask College Librarians to check if any of their Professors would volunteer to spend 1 or 2 hours a week to help students from any other college. This will be possible only after the colleges reopen.

"UP-SKILLING LIBRARIANS TO UPGRADE ONLINE SERVICES" 4 to 8 MAY 2020

ADINET's First Online Workshop on Up-skilling Librarians was held on the ZOOM Platform. Over 440 participants attended this Workshop.

This Pandemic has completely changed our world. We now need to use more technology to work from home & to provide online services to our users especially the students & research workers. Library professionals in large organizations are already doing this. The aim of this workshop was to empower Small libraries which do not have adequate resources, so that they can provide more online services.

To provide such services, small libraries will need to convert the bibliographical data into a digital form, if not already done so.

Hence one of the topics covered in this workshop was "**Copy Catalogue**" by Bharat Chaudhary of PDP.

This information can be downloaded from several large Union Catalogues. To provide help to small libraries, **ADINET Union Catalogue of Books** is being updated.

ADINET has prepared a template for an **Orientation Program**, which can be downloaded & customized by any library. Also, a template for a **Library App** has been designed. It can be downloaded from the Google Play store, customized & used.

Beside the Library App it would be essential for small libraries to have their own website in order to provide online services. We will shortly be designing a template for a Library Website. **Website Design** was covered by Shri Bhavesh Patel of IIMA.

Information can also be provided from the huge number of free resources. We have prepared **Subject Wise Lists of Open Access Resources**. Again, there are thousands of **e-course materials**, many have been listed by INFLIBNET, CUG and other organizations. In the field of library science alone there are hundreds of e-courses. It is now essential to obtain permission to translate some of the library science e-courses in Gujarati, since there are no courses in library science in Gujarati. As per a survey conducted by Dr Lavji Zala, there are over 150 books published in library science in Gujarati.

Covid 19 has increased digital education, at present even school children are undergoing online education. When there are hundreds of e-courses for just one subject, our expertise in indexing etc. will be required.

Dr H. Anil Kumar of IIMA set the keynote for this workshop by presenting his interesting PowerPoint on the "Emerging Context for Librarians - Issues and Challenges". With

detailed statistics for the lockdown period he shared that the usage of IIM library was high. He covered the present emerging context as this was a sudden and unprecedented period during which everything has completely changed and there were disruptions in every walk of life.

The positive points of Covid 19 were discussed such as less pollution, more time with family etc. There are also good outcomes at the work front, such as work culture has improved and more technology is being used.

The Context for Librarians was given during this unplanned period, there has been a shift from physical to digital content and the need to work from home. Publishers have become more generous. Now there is a need to provide easy access to online resources, research services, website support, online classes etc. This will now be truly an online library.

There are also many implications for LIS professions, some of which are staff issues, need to handle users demands etc. Also, many precautions need to be taken, like sterilization, cleanliness, physical distancing etc. And also legal issues, agreement with publishers etc. need to be addressed.

Mr Bhavesh Patel of IIMA explained in detail how to design and maintain a website. He said that a library website is required to create a digital id of a library, to showcase the library collection, resources and services and also to use it as a marketing tool. He discussed the various points we need to consider while designing a website. To begin with the contents which could be text and audio visuals for the website need to be prepared. The layout needs to be designed. The work flow should be developed from the different layouts, one that is user-friendly and easy to navigate should be used.

He emphasized on the importance of the homepage, the various kinds of search tools,

the resources and the library details which need to be given.

The actual working for the website development was explained. He also covered various advanced tools and showed how to integrate social media in the website. Also reading software for the visually impaired was described. He also stated how important it was to take regular backups of the website.

Mr Bharat Chaudhary from PDPU spoke about Copy Catalogue and ADINET union catalogue. In his presentation he covered the need for the Copy Catalogue, the importance of the Union Catalogue for a Resource Sharing environment, various AACR-2 and MARC Framework.

He started by explaining that Copy Catalogue is the Process of matching a bibliographic record with available data set which can be added to local collection. This saves time, money and energy. Also, an error free standard catalogue is obtained.

He showed how to import bibliographic data into local LMS from the ADINET Union Catalogue Project. He stated that Union Catalogue is an associate catalogue of various libraries, joined to share the collection in a single platform. The collection could include books, serials, networked electronic databases etc. The Union Catalogue could be local, regional, national or even global.

He described existing standards used for conversion of catalogues such as MARC- 21 for creating database structure, AACR-2 for rendering information, Library of Congress, subject headings for assigning subjects, Indian Script code for information inter-exchange ISCII. He also discussed Z 39.50, SRU and IRSpy Software.

Dr Bhakti Gala of CUG's presentation was on "Providing Online Resources: Searching Skills". She said that the need of the hour was to provide services which are easier to use & to

access. It is essential to reinvent the way we work, so that besides providing information to our users, our Libraries can also be a source of inspiration. To do this it is essential to learn new skills.

She stated that at present e-learning is safe learning. A website which collates textual plus AV content in LIS discipline to support e-learning was shown.

The material was taken from various MHRD portals such as Channel number 05,23,26,28 in Swayam & e- PG Pathshala. Effort was made to easily get the list of LIS content on one platform. This content has also been categorized according to CUG LIS Course code & UGC LIS NET syllabus.

Webpage List of LIS e-content helps learners to find the e-content mapped with UGC NET LIS syllabus. Webpage LIS MOOCs help the learners to select a MOOC course by providing a list of MOOCs available on Swayam portal. CUG will be starting a new learning tool - a live quiz as "Play and Learn Zone".

Dr Sheetal Tank of Atmiya University gave a detailed philosophical presentation on the impact of Teamwork. She explained why Teamwork is impactful and how it can be made impactful.

To improve our quality of life, value education for consciousness development is essential. She gave a proposal for the process of value education which stated the need to [1] Verify it on the basis of your acceptance and [2] The need to live according to it. Our behavior with other persons brings Mutual Happiness whereas Mutual Prosperity depends on the way we work with Nature.

For Sustainable Living we need to understand that we cannot exist alone. Existence is really Coexistence. Success depends on our Relationships, Skills and Character. Teamwork is impactful when there is a Common Goal,

when Work is done in Synergy, when we Understand that we are interconnected and interdependent, when we have Knowledge of the Whole and are Able to Understand the assigned role. She described many gross misunderstandings and What the reality is. She ended her presentation by explaining how to build impactful teams.

All the Resource Persons have given very useful and detailed presentations. They have been uploaded on the ADINET website on the homepage. Do visit the ADINET website alibnet.org.

WEBSITE DESIGN AND MAINTENANCE **-Bhavesh Patel, IIMA**

Bhavesh gave the points that need to be considered during the development of any library website. As we are aware that the Library comes under the service sector in any education institute, whether it's a school library, college library, university library, or it may be a public library, the Library is the heart of any educational institute.

In this context, there are multiple ways to serve library users like personal meet, telephonic conversation, through email, and so on, but in COVID-19 times the most convenient and efficient way to help library users is through ICT (Information and Communications Technology) regardless of time and geographical location.

The website is one part of ICT, so here we will see how we can design and maintain the library website.

As we all know that, the website plays a vital role to showcase services and resources, especially in a knowledge-sharing domain like a library, it's essential to have a website that serves the users. It's one kind of marketing tool.

Steps of website development

- 1: Content Development
- 2: Layout Design

- 3: Development (Coding)
- 4: Testing (SEO/linking)
- 5: Publish on server

Before developing any website there are two points we need to consider:

1. Content
2. Layout

1. Content:

Content is the King of any website. So content preparation is the first thing you have to focus on. Types of content:

- Text
- Image
- Audio-visual (mp3 and mp4)

Another type of content is visible content and invisible content

1. Visible content: content that we can see on the webpage, that content is known as the main content.

2. Invisible content: content that we can't see on the webpage but the Search engine like Google, Bing and others can see that that hidden content which is known as a Meta content

2. Layout:

Layout for the website has to be defined; design may differ from Library to Library.

We have to design the layout in such a way that it becomes more user-friendly, and it should be easy to navigate.

Due to the advancement in ICT, the website should be Responsive (regardless of the screen resolutions and the size of the display, so that it's very easy to access any device like smartphones, tablets, laptops, and PC) and also should be SEO (Search Engine Optimization) friendly. SEO-friendly websites help to provide better ranking on various search engines. As various search engines are updating their algorithms from time to time for instance, a website should be secure like https, it should be responsive, we have to provide proper metadata for each webpage, every web page should have a user friendly URL.

Now the actual development of the website is done through coding and there are two main types of websites

1. Static website (having webpage only)
2. Dynamic website (having webpage that is integrated through any scripting language and database server)

The things you need to know to design website:

1. HTML (HyperText Mark-up Language):

The webpage is developed through HTML, it's a standard markup language for Web pages having .html or .htm file extension.

First you have to learn the basic HTML tags like

<a>, , <p>, <h1>...<h6>

<table>, , <hr>,
, <iframe>

<form> <input text> <select> drop down / radio button/ checkbox and so on.

While developing we have to follow the W3C standards so the webpage should be easy to navigate in any browser, device and also screen reading software can read the content properly.

CSS (Cascading Style Sheet):

The webpage is designed through CSS (Cascading Style Sheet) CSS describes how HTML elements should be displayed.

JavaScript & AJAX

We can use JavaScript for basic client side validation and calculation operations. AJAX: Asynchronous JavaScript and XML- mainly used to Update a web page without reloading the whole page, it will just reload a particular part of the webpage that is frequently updated.

You can develop website using various ways

1. By creating the HTML pages
2. Creating HTML pages and integrating with scripting languages (like PHP/Java/.NET) and MySQL or PostgreSQL as a backend.
3. Using CMS (Content Management System) like Joomla, Wordpress
4. Using Online website like blogspot, wix and other tools
5. Using Google Sites

Some advance tools that you can integrate on your website are:

1. Use of Google Webmaster Tools (for example: Sitemap.xml)
2. Use of .htaccess file (rewrite URL and other server configuration)
3. Integration of Online Chat
4. Social Media Integration (Facebook/Twitter) on your website
5. Integration of SSL certificate to make website https Secure
6. Making the website accessible (for public access)
7. Use of Google Form (for ILL/ Ask a Librarian or any event registration – Google Calendar)
8. Use of Google Analytics to monitor your website usages
9. API (Application Programming Interface) Integration with others (like Mobile Application)

References that have helped for website development of the Vikram Sarabhai Library, IIM Ahmedabad

1. <https://www.w3schools.com/> (For basic learning)
2. <https://www.w3schools.com/html/default.asp> (HTML)
3. <https://www.w3schools.com/bootstrap4/default.asp> (Bootstrap)
4. <https://www.w3.org/standards/webdesign/accessibility> (website standard)
5. <https://sites.google.com/> (Google Website)
6. <https://wordpress.org/download/> (Wordpress CMS)
7. <https://www.joomla.org/> (Joomla CMS)
8. <https://www.tawk.to/> (Online Chat)
9. <https://www.tutorialspoint.com/seo/index.htm> (SEO Tutorial)

PROVIDING ONLINE SERVICES: SEARCHING SKILLS-

Dr Bhakti Gala, CUG

A presentation was made by Dr. Bhakti Gala, Assistant Professor at the ADINET Online Workshop on the theme: Up-skilling Librarians to Upgrade Online Services.

Dr. Gala presented an overview of three broad topics under this theme viz. Google & Beyond, Finding & using specialist/academic search engines with a focus on open content and Evaluating Online Content.

Online Searching is a critical skill for the information professional of today. It is

important for us not only to be able to learn the core searching techniques for searching through the databases subscribed by our library but also searching the web of open resources available.

In the first section of the presentation on **Google and Beyond**, Dr. Bhakti Gala demonstrated the various techniques needed to master searching through a general search engine like Google. In order to get results which are manageable, the information professionals were shown the application of different facets or filters. It was also shown how the Knowledge Graph of Google collects and collates relevant linked information.

Basic and advanced searching skills were shown to the attendees of the webinar. An overview of searching techniques through important Google suite of products such as Google Books, Google News, YouTube, Google Scholar, Google Arts and Culture and reverse searching in Google Images among others were discussed. Online courses for upskilling Google Searching Skills offered by Google were shared with the participants.

The discussion then moved on to going beyond Google. Dr. Gala stated the importance of **Identifying and using specialist/academic search engines** especially, the different types of search engines, metasearch engines and scholarly search engines. The unique features of an array of scholarly search engines were presented. Search engines and websites dedicated to children or scholars of specific disciplines were presented. It is important that the information professional becomes aware of these search engines and use them for enhancing the services given by them especially during this unprecedented endemic of COVID 19. Search engines for school children such as

Kidtopia (<https://www.kidtopia.info/>), Infotrek (<https://www.infotrek.info/>) and Infotopia (<https://www.infotopia.info/>) were displayed. Scholarly search engines to search open access content such as OCLC OAISTER (<https://oaister.worldcat.org/>), BASE (<https://www.base-search.net/>), Core (<https://core.ac.uk/>);

artificial intelligence based search engines like Semantic Scholar (<https://www.emanticscholar.org/>) and Microsoft Academic Search (<https://academic.microsoft.com/home>); subject specific search engines like Vadlo (<https://vadlo.com/>) for sciences, Artcyclopedia (<http://www.artcyclopedia.com/>) for art, and JURN (www.jurn.org) for searching across arts and humanities, were shown.

Dr. Gala further talked about identifying and searching skills required for searching audio video content and spoke about open resources such as TEDx talks and TEDed which are an important source providing 18 minutes powerful talks on various topics ranging from science to technology.

The websites of Library of Congress and British Library were shown to identify audio content in the form of podcasts. Similarly, for searching open book content websites such as Directory of Open Access Books (DOAB), Open Library, an initiative of Internet Archive, Oopen (Open Access Publishing in European Networks), Project Gutenberg, and the National Digital Library of India were shown. Moreover, Dr. Gala further stated that the searching process should also include social media platforms such as blogs, discussion forums, Twitter, Facebook, ResearchGate, Academia and many others.

A special demonstration was made of the special feature offered by the website Internet Archive termed as *Wayback Machine* to retrieve content no longer accessible due to Error 404.

In the third and final section of the presentation, Dr. Bhakti Gala shared the importance of **Evaluating Web Content** before using it. Evaluation of web content is an extremely critical skill to be learnt, mastered and used by information professionals especially while discovering content from the general web. Dr. Gala stated that in a study conducted by Wiley in 2018, the top skills needed by the information professional have been identified as '**Fighting Fake News**'.

She shared the revised infographic on 'How to Spot Fake News' the COVID 19 edition prepared by IFLA. A detailed explanation on administering the **CRAAP** test was given. The CRAAP test which is globally used by library and information professionals involves analysing and evaluating all web content with reference to its Currency, Relevance, Authority, Accuracy and Purpose.

In conclusion, Dr. Bhakti Gala stressed the need for creating customized subject guides with a list of such useful resources found, and shared an initiative created by Ms Pallavi, (<https://sites.google.com/view/lisavcontent>) PhD Research Scholar at the School of Library and Information Science at the Central University of Gujarat for accessing all LIS e-content prepared by MHRD initiatives.

Searching skills are at the core of our work and we now need to extend and sharpen these skills in the digital domain.

COPY CATALOG AND ADINET UNION CATALOG-

Bharat Chaudhary, PDPU

Bharat M. Chaudhary discussed the purpose of **Copy Cataloging**, Union Catalogue and how to import bibliographic dataset into local LMS from **ADINET Union Catalog** project in a library setting and explained the application of copy cataloguing in the resource sharing ecosystem in today's technology environment. He highlighted some key points on AACR2 and MARC frameworks.

He practically showed how Z39.50 protocol and SRU server can be hosted and configured on IRSpy software portal. He demonstrated how Koha can be connected to Z39.50 or SRU and create a new server. He presented the process of importing the bibliographical data or MARC records from Z39.50 to local Koha LMS. He also illustrated the data import process from Z39.50 to other library management software.