APPLICATION OF EMAIL SERVICES IN ACADEMIC LIBRARIES

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Abstract : The integration of email services in academic libraries has transformed communication, resource accessibility, and user engagement. Application of email services within libraries are multifaceted, elucidating their role in facilitating reference queries, disseminating crucial information, and delivering personalized content to patrons. Email platforms serve as vital tools for library notifications, event updates, and circulation notices, enhancing user experience and outreach. Additionally, these services streamline interlibrary loan requests, fostering collaboration among academic institutions. By leveraging email technology, libraries optimize information dissemination, augment user interaction, and adapt to evolving user needs, solidifying their position as dynamic and indispensable academic resources in the digital era.

Keywords: Communication, Information dissemination, Library notices, User notifications, Document delivery, User education, Email alert service

1.0 Introduction

Email services are indispensable tools in modern academic libraries, revolutionizing communication and information dissemination. Their versatile application extends from efficient inter-staff coordination to streamlined user interaction, offering a dynamic platform for resource sharing, event notifications, and reference inquiries. In academic settings, these services foster seamless collaboration among faculty, students, and librarians, facilitating resource access, inter-library exchanges, and research support. Furthermore, email services in libraries serve as conduits for delivering updates on acquisitions, workshops, and library policies, enhancing user engagement and satisfaction. Their pivotal role in academic library operations underscores their significance in optimizing information access and fostering a cohesive scholarly community.

2.0 Internet

The Internet, a vast global network connecting billions worldwide, revolutionizes communication, information sharing, and commerce. Born from collaborative efforts, it transcends geographical boundaries, fostering instant connections and enabling access to a trove of data. Its inception in the late 20th century burgeoned into an indispensable resource, shaping modern society. Facilitating diverse platforms, from social media to e-commerce, it empowers individuals, businesses, and governments alike. Yet, with its immense power comes challenges privacy concerns, cyber security threats, and digital divides. As an ever-evolving entity, the Internet continually reshapes our interactions, knowledge dissemination, and societal structures, propelling us into an interconnected future.

3.0 Internet Services

- **Email**: Electronic mail for communication.
- **Web Browsing**: Accessing and exploring websites.
- **Social Media Platforms**: Connecting and sharing on platforms like Facebook, Twitter, and Instagram.
- **Online Banking**: Managing finances, transferring funds, and paying bills.
- **Online Shopping**: Purchasing goods and services from e-commerce websites.
- **Video Streaming**: Platforms like Netflix, Hulu, and YouTube for watching videos.
- **Cloud Storage**: Storing and accessing data remotely, like Google Drive and Dropbox.
- **Online Learning**: Platforms offering courses and educational resources, like Coursera or Khan Academy.
- **VoIP Services**: Making phone calls over the internet, such as Skype or Zoom.
- **File Transfer Services**: Sending files and documents over the internet, like WeTransfer or FTP.
- **Gaming Services**: Online gaming platforms and multiplayer gaming networks.
- **Remote Access Services**: Software like TeamViewer for remote access to computers.

- **Web Hosting**: Services to host websites and make them accessible on the internet.
- **Online Healthcare Services**: Telemedicine and health-related consultations.
- **Streaming Music Services**: Platforms like Specify, Apple Music, and Pandora for listening to music.

3.1 What is Email?

Email, short for electronic mail, is a digital communication method used to exchange messages over the internet. It allows individuals and businesses to send text, files, and attachments to one or more recipients using an email address. Emails can be composed, sent, received, replied to, and forwarded through email clients or web-based interfaces. This versatile tool facilitates quick, convenient, and formal communication, serving as a cornerstone of modern professional and personal correspondence.

The elements that make up an e-mail address are: bablukuk@gmail.com

1	2	3	4
bablukuk	@	gmail	.com

3.2 History of Email

Email, a cornerstone of modern communication, traces its roots to the 1960s. MIT's CTSS system allowed users to leave messages for each other on a single computer. Ray Tomlinson's 1971 innovation enabled messages to be sent between different machines using the "@" symbol to denote addresses. ARPANET, a precursor to the internet, adopted this system, evolving into the email we recognize. By the 1990s, with the rise of the World Wide Web, email became widely accessible, revolutionizing global communication. Today, it remains a ubiquitous tool, continually evolving with advancements in technology, encryption, and interface design, shaping the way we connect and collaborate.

3.3 How to Email work?

When composing a work email, clarity and professionalism are key. Start with a concise, descriptive subject line. Open with a polite greeting and address the recipient appropriately. Structure the body with a clear purpose or request, using brief paragraphs and bullet points for clarity. Be mindful of tone and formality, maintaining professionalism throughout. Use proper grammar and spelling, proofreading before hitting send. Include necessary attachments, if any, and always conclude with a courteous closing remark and your contact information. Lastly, double-check the recipient list to ensure accuracy before sending. Following these steps fosters effective communication and ensures your message is well-received in a work setting.

3.4 Email Functioning

Emails have revolutionized communication, becoming an integral part of personal and professional interactions. Understanding how emails function is crucial to leveraging their potential for effective communication.

- ➢ **Anatomy of an Email:** An email consists of key elements: the sender's and recipient's addresses, subject line, body text, attachments, and timestamps. Understanding these components helps in composing and managing emails efficiently.
- ➢ **SMTP and Email Sending**: The Simple Mail Transfer Protocol (SMTP) governs the sending of emails. When a sender hits "send," the email client communicates with an SMTP server, which forwards the email to the recipient's server.
- ➢ **POP vs. IMAP: Receiving Emails**: The Post Office Protocol (POP) and Internet Message Access Protocol (IMAP) are two methods to receive emails. POP downloads messages to a device, while IMAP syncs emails across multiple devices.
- ➢ **Email Servers and Their Role**: Email servers are pivotal in email functioning, storing, sending, and receiving emails. They use protocols like SMTP, POP, or IMAP to facilitate these actions.
- ➢ **Email Encryption for Security:** Encryption secures emails from unauthorized access during transmission. Protocols like Secure Sockets Layer (SSL) or Transport Layer Security (TLS) encrypt data, ensuring confidentiality.
- ➢ **Spam Filters and Email Filtering:** Spam filters help manage the influx of unwanted emails, employing algorithms to detect and divert spam away from the inbox. Users can also set up filters to organize incoming emails.

➢ **Email Attachments and File Types:** Attachments enable the sharing of files within emails. Understanding compatible file types and size limitations is essential to ensure successful attachment sending and receiving.

➢ **Email Etiquette and Best Practices:** Adhering to email etiquette enhances communication. Practices like concise subject lines, professional tone, proper formatting, and timely responses contribute to effective email communication.

➢ **Future of Email Technology**: The future of emails includes advancements in AI-powered email management, enhanced security measures, and improved integration with other communication tools, ensuring more efficient and secure communication channels.

Understanding the intricate functioning of emails is crucial for efficient communication, both personally and professionally. From the technical aspects of protocols and servers to the practical aspects of etiquette and file handling, mastering email functioning optimizes the communication experience.

3.5 Structure of Email

Emails, a ubiquitous form of communication, follow a distinct structure that ensures clarity, coherence, and effectiveness in conveying messages. Understanding the components of email structure is fundamental for effective communication in various contexts, be it professional, academic, or personal.

➢ **Subject Line:** The subject line serves as the gateway to your email, encapsulating its essence in a few words. It should be concise, informative, and relevant, providing recipients with a glimpse of the email's content. A well-crafted subject line increases the likelihood of your email being read promptly.

➢ **Salutation:** The salutation sets the tone for your communication and establishes a sense of rapport with the recipient. Whether formal or informal, it signifies respect and courtesy. Addressing the recipient appropriately based on the context and relationship is crucial.

➢ **Opening**: The opening of an email often includes a greeting and an introductory sentence. It sets the stage for the main body of the email, offering a courteous and engaging start. This section may also include a brief reference to a previous conversation or context for clarity.

➢ **Body**: The body of the email constitutes the main content, where the message is conveyed in detail. It should be structured logically, with paragraphs or bullet points for clarity. Each paragraph should focus on a specific point, maintaining coherence and flow.

➢ **Closing**: The closing of an email signals its culmination and often includes a thank-you message, a call to action, or a summary of the key points discussed. It also leads to the signature block, providing closure to the communication.

➢ **Signature Block:** The signature block contains the sender's information, including their name, job title, company, contact details, and any relevant links or disclaimers. It adds a professional touch and facilitates easy follow-up or contact for the recipient.

➢ **Attachments**: When relevant files or documents accompany an email, they are included as attachments. Mentioning attachments in the body of the email and ensuring their relevance to the message enhances the email's effectiveness.

➢ **Formatting and Style**: Effective emails utilize appropriate formatting and style, employing proper grammar, punctuation, and sentence structure. Using bullet points, bold or italicized text, and white space enhances readability and comprehension.

➢ **Review and Edit**: Before hitting send, it's crucial to review and edit the email for errors, clarity, and tone. Checking for spelling mistakes, grammar errors, and overall coherence ensures a polished and professional communication.

Mastering the structure of an email is an invaluable skill in modern communication. By understanding and implementing these components effectively, one can craft compelling, organized, and impactful emails across various contexts, fostering better understanding and communication with recipients.

3.6 Merits of Email:

➢ **Speed**: Emails are delivered instantly, enabling swift communication across the globe.

➢ **Cost-effective**: Sending emails is generally cheaper than traditional mail or phone calls.

➢ **Accessibility**: Emails can be accessed from anywhere with an internet connection.

> **Convenience**: They allow for asynchronous communication, meaning recipients can respond at their convenience.
> **Documentation**: Emails serve as a record of communication, aiding in tracking conversations and referencing details.
> **Multimedia**: Emails support various formats, allowing the inclusion of attachments, images, and hyperlinks.
> **Global Reach**: With email, you can connect with people worldwide, breaking geographical barriers.
> **Environmentally Friendly**: Unlike printed materials, emails reduce paper usage and carbon footprint.
> **Organization**: Emails can be sorted into folders and labelled for better management and retrieval.
> **Automation**: Features like auto responders and scheduled sending enhance efficiency.
> **Integration**: Email seamlessly integrates with other digital tools and platforms.
> **Personalization**: Customizable templates and personal signatures enable a personalized touch.
> **Security**: Encrypted emails and authentication measures enhance security and privacy.
> **Feedback**: They facilitate quick feedback loops, aiding in decision-making and collaboration.
> **Archiving**: Old emails can be archived for future reference, maintaining a comprehensive history.
> **Collaboration**: Email enables group communication through distribution lists and group threads.
> **Mobile Accessibility**: Most email services have mobile apps, enabling on-the-go access.
> **Alerts and Notifications**: Instant email notifications keep users updated in real-time.
> **Scalability**: Emails can be sent to multiple recipients simultaneously, making them scalable for mass communication.
> **Marketing and Promotion**: Email marketing is an effective tool for businesses to reach their audience.

3.7 Demerits of Email:

> **Misinterpretation**: Lack of tone and non-verbal cues can lead to misunderstandings.
> **Spam**: Inundation with unsolicited emails can clutter and overwhelm inboxes.
> **Security Risks**: Emails are susceptible to hacking, phishing, and data breaches.
> **Lack of Personal Touch**: Absence of face-to-face interaction may hinder relationship building.
> **Dependency**: Over-reliance on emails might neglect other effective communication methods.
> **Distraction**: Constant email notifications can disrupt focus and productivity.
> **Misdelivery**: Sending emails to the wrong recipients can lead to unintended consequences.
> **Time-Consuming**: Managing and responding to numerous emails can be time-intensive.
> **Email Overload**: Managing a flood of emails daily can be stressful and overwhelming.
> **Limited Expressiveness**: Inability to convey emotions or nuances effectively in text-based communication.
> **Lack of Immediate Feedback**: Delayed responses can hinder real-time collaboration.
> **File Size Limitations**: Email attachments are often restricted in size, posing challenges for sharing larger files.
> **Legal Concerns**: Emails can create legal issues if misused or if sensitive information is mishandled.
> **Dependency on Internet**: Requires a stable internet connection to send and receive messages.
> **Compatibility Issues**: Different email platforms might have compatibility problems.
> **Privacy Concerns**: Confidential information sent via email can be intercepted or accessed by unauthorized individuals.
> **Accessibility Challenges**: Not everyone has equal access to email, leading to communication gaps.
> **Cultural Differences**: Email etiquette and communication styles can vary across cultures, leading to misunderstandings.
> **Inefficient Communication**: Complex discussions or negotiations might be better suited for in-person or verbal communication.
> **Environmental Impact**: The energy and resources required for servers and data storage contribute to environmental concerns.

3.8 Usages of Email in Library:

- **Communication with Patrons**: Email has become a vital tool for libraries to connect with their patrons efficiently. Libraries utilize email to notify patrons about due dates, overdue items, fines, and holds. Additionally, they use this platform to send newsletters, updates on new arrivals, and upcoming events, fostering better engagement and interaction with library users.

- **Reference Services:** Libraries employ email as a means for patrons to seek reference assistance remotely. Users can send inquiries about research topics, book recommendations, or general queries, receiving detailed and curated responses from librarians. This method enhances accessibility to reference services for individuals who cannot physically visit the library.

- **Event Announcements:** Email serves as a primary channel for libraries to announce events, workshops, author talks, and other educational programs. By sending event invitations or reminders via email, libraries ensure that patrons are informed and engaged, resulting in increased participation and attendance.

- **Interlibrary Loan Notifications:** Libraries utilize email notifications to update patrons on the status of their interlibrary loan requests. Whether a requested item is available for pickup or if there are delays, email communication keeps patrons informed about the progress of their requests.

- **Circulation Services:** Email plays a pivotal role in circulation services by sending automated notifications about borrowed items, renewal reminders, and hold pickup notices. This facilitates smooth library operations while keeping patrons informed about their borrowing activities.

- **Feedback and Surveys:** Libraries often leverage email to gather feedback from patrons regarding services, resources, and overall experiences. Sending out surveys or feedback forms via email enables patrons to share their opinions conveniently, allowing libraries to make improvements based on user suggestions.

- **Electronic Resource Access:** Libraries provide access to a vast array of electronic resources, and email is instrumental in communicating login credentials, access instructions, and updates regarding changes in database subscriptions. Email ensures that patrons can smoothly access these resources remotely.

- **Community Outreach:** Libraries use email to reach out to the community, promoting literacy programs, outreach initiatives, and collaborative endeavours. By sharing information about volunteer opportunities, community partnerships, and outreach events, libraries strengthen their ties with the local community.

- **Policy Updates and Reminders:** Email serves as a reliable means to communicate policy changes, updates in operating hours, or any alterations in library services. Libraries use email notifications to ensure that patrons are aware of these changes, enhancing transparency and minimizing confusion.

- **Collaborative Projects and Partnerships**: Email facilitates communication between libraries engaging in collaborative projects or partnerships. It allows for seamless coordination, sharing of resources, and planning joint initiatives, fostering a collaborative environment within the library community.

- **Overdue Reminder**: Email is a vital tool in libraries, serving as a gentle reminder for overdue items. Timely reminders help patrons return books, avoiding fines and ensuring equitable access. Automation streamlines this process, enhancing user experience. With courteous prompts, libraries maintain order and encourage responsible borrowing, fostering a harmonious relationship with patrons.

4.0 Conclusion:

In the realm of academic libraries, the integration of email services has been vital, streamlining communication and resource dissemination. The adoption of email platforms has revolutionized access to scholarly information, facilitating interlibrary loans, notifications, and reference services. It has enhanced user engagement, enabling seamless interaction between patrons and librarians, fostering a dynamic information-sharing environment. Additionally, email services have expedited administrative tasks, optimizing library operations. However, challenges persist, including information overload and privacy concerns. To maximize efficacy, ongoing refinement and adaptation are crucial. Overall, the strategic incorporation of email services in academic libraries stands as a testament to technological advancement, enhancing accessibility and scholarly exchange.

5.0 References:

i.   Hamidu, C. A & Hauwa A. (2015). Availability and Utilization of Internet Facilities by Users in Federal Colleges of Education Libraries in North Eastern, Nigeria. Journal of Information and Knowledge Management, 6(2), 1-14

ii.   Obaje, M. (2014). Relationship between ICT skills and Information Service Delivery among University Library Personnel of North Central Zone, Nigeria. Unpublished Ph.D. Seminar, University of Maiduguri, Department of Library and Information Science.

iii.   Tiwari, B. K., & Sahoo, K. C. (2013), "Infrastructure and Use of ICT in University Libraries of Rajasthan (India)", Library Philosophy and Practice, (e-journal), Paper 883, available at: http://digitalcommons.unl.edu/libphilprac/883

iv.   Obiageli, F. M. (2012). Training Needs of Librarians for Digital Library Projects in Federal University Libraries in South-East Zone of Nigeria. Unpublished Thesis Department of Library and Information Science. University of Nigeria, Nsukka

v.   Tyagi, S. (2012), "Use of web 2.0 technology by library professionals: Study of selected engineering colleges in western Uttar Pradesh". DESIDOC Journal of Library & Information Technology, Vo. 32, pp. 439–445.

vi.   Sabashini, R., Rita, S., & Vivek, M. (2012), "The role of ICTs in knowledge management for organizational effectiveness", In: P.V. Krishna, M.R. Babu, and E. Ariwa (Eds.), Global Trends in Information Systems and Software Applications (pp.542-549), Springer-Verlag: Berlin Heidelberg

vii.   Tiraieyari, N; Idris, K. Uli, J & Hamzah, A. (2011). Relationship between human development competence and work performance. Australian Journal of Basic and applied Sciences, 5 (5), 1356-1363, Retrieved from Insiput.net/ajbas/2011/1356-1363.Pdf

viii.   Okiy, R. B. (2010). Globalization and ICT in Academic Libraries in Nigeria: The Way Forward, Library Philosophy and Practice 2010