

Development of IPPTA e-Library Portal for Online Access Of IPPTA Articles and Publications: Guidelines for Accessing the e-Library

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ABSTRACT

IPPTA has developed an exhaustive e-library of the articles published since 1965. By using IPPTA e-library the abstracts of publications can be accessed /searched based on keywords, categories (Pulping, Bleaching, Energy, Raw material, Recycle Fibre, Stock Preparation, Testing, Effluent Treatment etc.), Year of publication, author's name, address and reference etc. The abstracts can be accessed by all whereas the detailed articles in PDF format can be downloaded by IPPTA members after registration in the website. The process for registration in the website and guidelines are presented in this article.

Introduction

IPPTA being one of the oldest Technical Association in Indian in the field of Pulp & Paper, has carried out significant activities related to publication of its widely circulated quarterly journal & organization of seminars, conferences/workshops since its inception. Every year various conferences/seminars & workshops are organized by IPPTA which are of immense importance to the Pulp & Paper Industry and cover articles on R&D and latest technological developments in process, machinery, chemicals and additives authored by experienced scientists & technologists of paper industry, R&D and academic Institutions, machinery, technology & chemical suppliers and manufacturers etc. The printing of these articles in IPPTA Journal over the years has resulted in creation of a wealth of information and knowledge bank covering large area of interest for pulp and paper technologists. However, the information available in the IPPTA Journal has not been properly indexed in digital format, further the IPPTA members also do not have online access to the articles, and therefore are not able to search the articles of interest with subject index, key words, titles, authors etc. This issue was discussed on many occasions and it was decided that proper Indexing, Digital Abstracting and digitisation of IPPTA articles/publications may be carried out for the convenience of the IPPTA members.

Central Pulp & Paper Research Institute, having experience of indexing, abstracting and digitizing of information and records, technical reports etc. in its library, took up the job for digitization of IPPTA articles/publications and to design online e-library access system for IPPTA members. The above job of digitization covering about 3000 articles was completed in a period of 18 months. In this article we present an overview of the IPPTA e-library portal developed by CPPRI and the guidelines for the IPPTA members to access and make use of the IPPTA e-library in pursuit of enhancing their technical knowledge.

Major activities for development of IPPTA e-library:

Following team of scientists and officials from CPPRI worked for completing the assignment of IPPTA online e-library within the time frame of 18 months.

- Dr. B.P.Thapliyal, Scientist & Head, Paper Testing & Computer Management.
- Shri N.K.Naik, Technical Officer.
- Shri Anil Pundir and Shri Rahul Kumar, Junior Research Fellows
- Ms. Anshu Jaiswal and Ms. Snehlata Singh, Project Assistants

Major activities taken-up by CPPRI were;

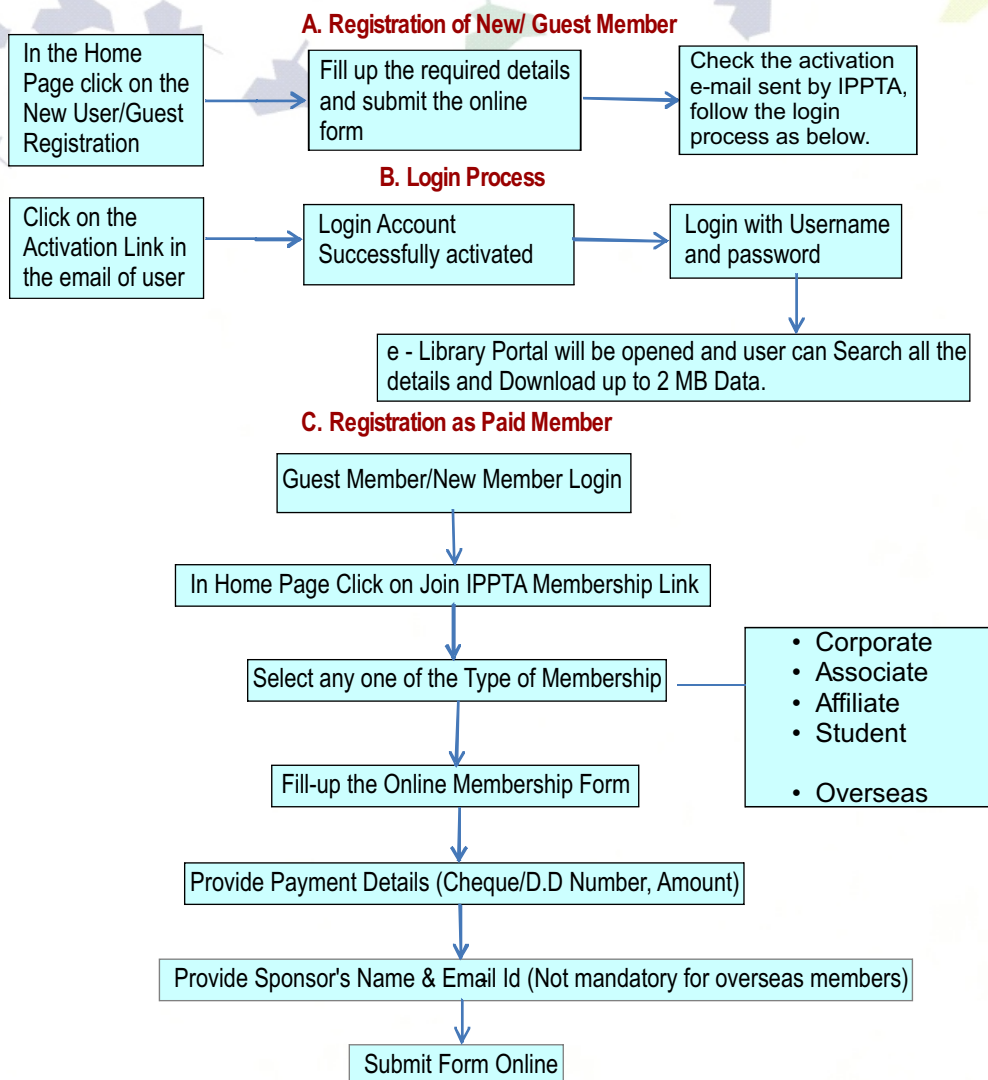
1. Programming and designing of e-library web portal.
2. Digitization of articles starting from 1965 to till date with complete titles, name of the authors, their addresses, keywords, abstracts and detailed references (e.g. Volume No., Year & page no., etc.) of each article and its uploading in the database.
3. All the articles from 1965 were scanned in pdf format for search and download.
4. Development of e-library database and its Uploading in MSSQL platform in the web portal.

The IPPTA e-library developed by CPPRI is capable of providing on line access to all users on the data base covering abstract of 3000 articles published and presented in the Journal. A non IPPTA member can also search and access the abstracts of the above articles with limitation of 2 MB download. The IPPTA members on the other hand can download articles without any limitations.

IPPTA Secretariat through the administrative panel and administrative privileges in the website can make necessary additions, uploading, editing and deleting in the data base.

IPPTA secretariat can also control administrative functions such as activation/ deactivation of the users account in case of non-

Fig.1 Flow Diagram for accessing IPPTA e-library (www.ipptaibrary.org) by New User/ Guest



payment etc. by the users, and inclusion of members information (such as Member id, Mobile Number, Email id etc) in the database.

The web address of the IPPTA e- library is www.ipptaibrary.org and it can be accessed by all IPPTA members, However, they are required to register first time in the website and subsequently they can access e-library by searching and free download of the articles. The details of the user registration process for accessing the IPPTA e-library are given in the next section.

User Registration Process for accessing IPPTA online e-library

The user of www.ipptaibrary.org may be either the Guest/New members or the existing IPPTA members. Guest/new member may be any person interested in downloading the abstract & articles (limited up to 2 MB download). A new user/ guest is required to provide following information in the website. (shown in Fig.1)

Step-1:

New user/ guest is required to submit the details such as name, user name, password, email id, mobile number and address etc. in the form that appears after clicking on Registration New user/Guest in the home page.

Step-2:

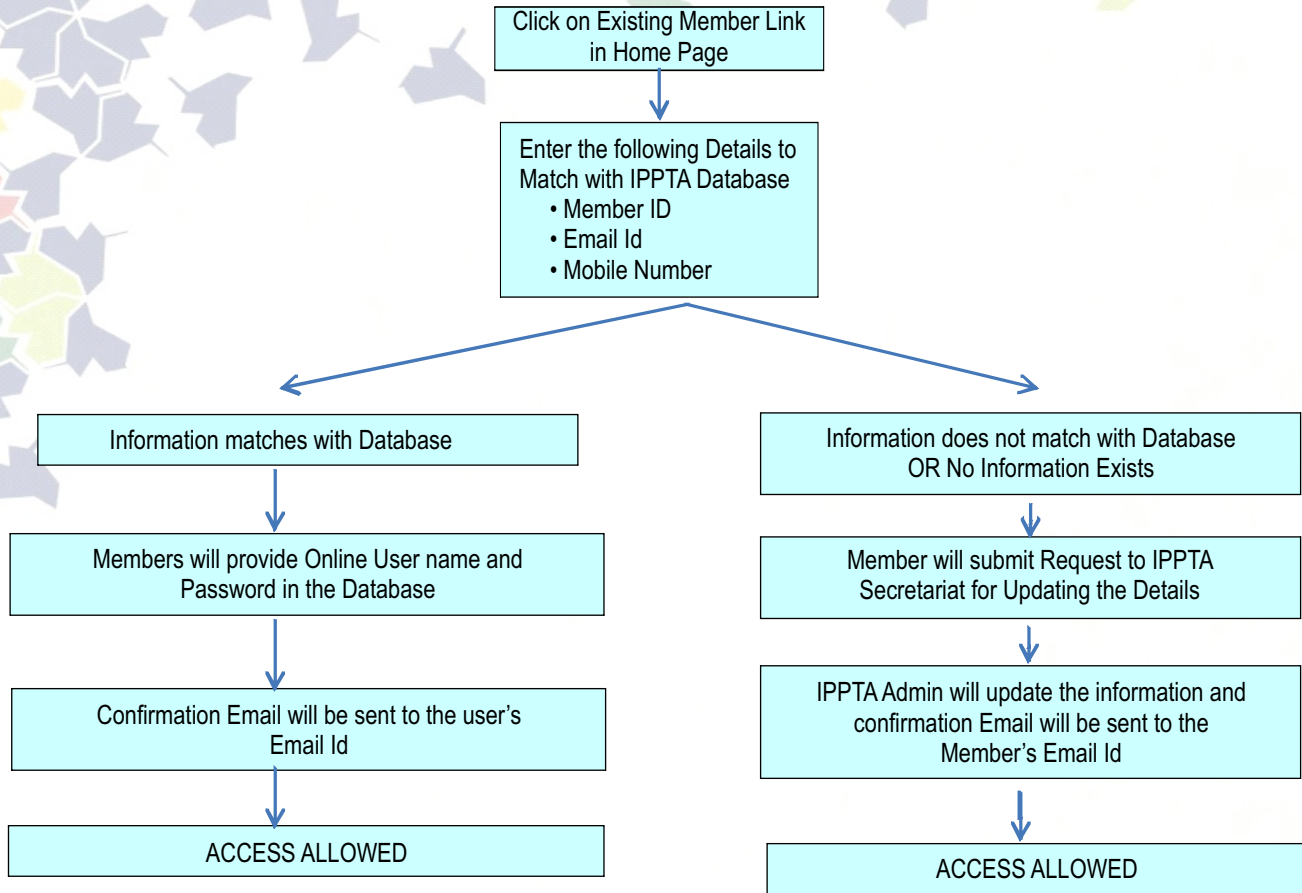
After submitting the above information in step -1, registration will be completed and confirmation /activation email will be sent to the new user/guest. The new user/guest member can activate his account and login by clicking on the activation link provided in the confirmation email.

The new user will have access to ippta e-library with a limitation to down load only 2 MB pdf files/ articles. However in order to continue the download user can register as a paid member. For this the new user has to follow the next steps.

Step 3:

Paid Member: - The Guest/New members who are interested to

Fig.2Flow Diagram for accessing IPPTA e-library (www.ipptaelibrary.org) by Existing IPPTA Members



take-up IPPTA membership can click and login by clicking on “Join IPPTA Membership Link” provided in the Home page. After clicking on the link the Online Membership Form will open up. Select any one of the membership from the membership option and fill up the form by providing details of Cheque/D.D Number, Amount and then submit the form online to IPPTA Secretariat.

Step 4:

The new user is required to take a print out of the filled up membership form and submit the same to IPPTA Secretariat/office by post along with the cheque /D.D. in favour 'Indian Pulp and Paper Technical Association' and signature of the sponsor as well as the signature of the applicant. The applicant can also deposit the money in IPPTA account as per the bank details given below with intimation to IPPTA Secretariat.

Name of the Bank : State Bank of India
 Address : Main Branch, Court Road, Saharanpur-247 001 (U.P.)
 IFSC Code : SBIN0000710
 In favour of : Indian Pulp and Paper Technical Association
 IPPTA Saving Account No. : 10841291033

IPPTA secretariat will activate the account after receiving the DD/cheque or confirmation of deposits in IPPTA Account. Subsequently an activation e-mail will be sent by IPPTA secretariat.

In case of the **existing IPPTA members** who wish to access the e-library, they are required to provide information in following steps. (shown in Fig.2)

Step-1:-

Existing members have to fill Information such as membership ID, email ID, mobile number, etc by clicking on “Existing Member Link” in the home page.

Step-2:-

If the information provided by the member matches with the IPPTA database, then member can generate user name and password by filling up the information such as name, user name, password, member type, city, etc. in the online form.

After filling up the information, member will have to submit the form by clicking Register button and a confirmation e-mail will be sent in the user's e-mail Id. The member may activate his account by clicking on the activation link in the confirmation mail and access the IPPTA e-library.

Step-3:-

In case the information provided by the existing member does not match with IPPTA Database or no Information about the email id, mobile number etc exists for the existing member in the database, the member will have to contact the IPPTA Secretariat and submit the details telephonically or by post/ email. IPPTA Secretariat will

send the confirmation mail stating that the data has been updated and member may register in the web site for online access by following the above steps.

The flow diagram of the above steps for registration in IPPTA e-library for new and existing members is shown in Figure 1 and 2.

Conclusion

IPPTA in an effort to provide best services to its members has developed the online access system with proper Indexing, Digital

Abstracting and digitization of IPPTA articles/publications. We look forward to the comments and suggestions of the users so that the best services may be extended to the users/ IPPTA members.

Acknowledgement

Authors acknowledge the financial support and suggestions by IPPTA Executive Committee members to complete the Indexing, Digital Abstracting and digitization work of IPPTA articles/publications.