

NDL India App: A Boon for Users.

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ABSTRACT

NDL India App plays an important role in academic libraries. Papers discuss about the role of NDL India in academic libraries its resources; present status, registration process, features sources, objective, survey of the library. NDL-India is big boon for Library.

Keywords: NDL India, MHRD India, NMEICT, IDR, ICT, IIT Kharagpur, IIT Madras, E-resources, NDL India Mobile app.

INTRODUCTION

National Digital Library of India (NDL India app) gives free access to wide range of digital contents[1].

The National Digital Library of India (NDL India)[2] pilot project has been initiated to develop a framework of virtual repository of learning resources with a single-window search facility by Ministry of Human Resource Development under its National Mission on Education through Information and Communication Technology. Learners can find out the right resource with least effort and in minimum time due to Filtered and federated searching which is completed to facilitate focused searching. NDL India is designed in a way that it can hold content of any language and provides interface support for leading vernacular languages. NDL is being arranged to provide support for all academic levels including researchers and life-long learners, all disciplines, all popular form of access devices and differently-abled learners.

Its purpose to help students to prepare for entrance and competitive examination, college students to learn and prepare from best practices from all over the world and to facilitate researchers to perform inter-linked exploration from multiple sources.

Libraries are grows rapidly and the idea, library is just a building is changing. With the use of ICT the resources of libraries are getting online and user can access that in all over the world. In India, the digital library initiatives have been sponsored by various ministries and organization. NDL India App is the one of that which causes great impact on the e-resources. In spite of several such initiatives, most of the challenges faced by students, teachers and general users in using digital contents remain unaddressed to a large extent. In this paper we discussed how NDL India App boon for the users. The NDL India aims to form Institutional Digital Repository and gather study material into one common place.

Objectives of study

- To understand and explain the use of NDL
- To study the factor which impact on the use of NDL India App.
- To study the responsibility of user.
- NDL is big boon for user.
- Role of Librarian to aware the users about NDL India App.
- NDL India is really national asset of India.

NATIONAL DIGITAL LIBRARY

In April 2015, the Ministry of HRD, under National Mission on Education through Information and Communication Technology (NMEICT) initiated the National Digital Library (NDL) Pilot Project with project cost of Rs. 39.8 Corers. The Indian Institute of Technology, Kharagpur coordinates The National Digital Library Project. NDL covers setting up 24X7 infrastructures to provide single window search and browse facility for e-Learning resources to users, including e-Contents that are available in various institutions of the country by integrating Institutional Digital Repository (IDR) of respective institutions and registering users from Participating Institutions. In February 2016, The alpha version of the NDL Portal has been made

available at <https://ndl.iitkgp.ac.in>. [4]As since it is a Digital Library, it is seamlessly available without any State/UT wise physical or accessibility constraint. All students, teachers, researches, Govt. officials, Public Servants, etc. irrespective of their State/UT. NDL currently hosts contents in 70 languages which in Indian and Foreign languages. The user interface through which users can search or browse contents is mostly English but also available in Hindi and Bengali at present. The implementation timeframe for NDL is 3 years, from April, 2015 to March, 2018[5]. The main objectives of National Digital Library (NDL) are built up a repository for national knowledge asset.

The National Digital Library (NDL)[3] will be derived from institutes of all types of specialisations and will include school-level study material also. Another purpose of the project is to create e-content, comprising video lectures, interactive questions and answers and books, in multiple languages. With the evolving technology, plans are on to make the interface available across all platforms – cell phones, tablets and laptops. Content is also developed keeping in mind the needs of differently-abled students.

Subjects and resources available in NDL

In National Digital Library (NDL) resources of the subjects of Arts , Sciences, Humanities, Languages, Engineering and technology, Medical and health science, Life science, Physical and basic sciences, Social sciences are present.

National Digital Library of India is the program who content Animation, Audio & Video Lecture, Book, Dataset, Exercise, Handout, Image, Journal, Magazine, Model answer, Monograph, Newsletter, Note, Patent, Plan, Presentation, Proceeding, Question Paper, Report, Simulation, Technical Report, Thesis, Training Manual, Web Courses of many type of subject for many user such as researchers, students, teachers, businessman, scientist, differentially able people, blind people and many can used it.

National Digital Library of India: Present status

- Education materials are available to users ragging from primary to post-graduate level.
- 10 Million Items have been authored by 3 Lakh authors.

- Items are available in more than 70 languages.
- More than 60 types of learning resources are available.
- Learning Resource type: Audio books (212396 items), Book review (31596), Booklet (4054), Newspaper (124660), Periodical (11705), Photograph (226108), Poster (152), Script (8050), Activity (2062), Album (42), Almanac (34), Annual Report (1916), Appendix (97), Article (13603735 s), Audio Lecture (1284), Autobiography(328), Biography (1458), Bibliography (2264), Book (3874254), Calendar (1304), Catalogue (31596) 42545), Chapter (50042), Chart (119), Collection (3695 s), Conference Proceeding (78105), Correspondence (6174), Data Set (23518 s), Directory (306), Discussion (9330), Education Game (235), Exercise (3128), Gazetteer (1987), Graph (48), Handout (57), Historical Record (514), Indicator (490), Issue (10560), Journal (173521), Kay Table (451), Lab Material (24), Law Act (3592), Law Judgement (109857), Law Report (3140), Law Scribe (620), Leaflet (2565), Letter (1154), Magazine (5070), Manual (3040), Manuscript (1068), Map (189), Model Answers (54), Monographs (18019), Music Notation (56217), Newspaper Article (7533), Note (9555), Notice (5850), Patent (8580), Plan (173), Play (2971), Podcast Presentation (225), Presentation (184710), Poetry (6506), Proceeding (5487), Question Paper (11845), Question Set (35074), Quiz (1283), Recognition (62), Report (154785), Research Highlight(2108), Review (2111), Self Assessment (279), Series (3566), Simulation (168), Solution (39731), Standard (4263), Survey (2129), Syllabus (606), Synopsis (12564), Teachers’ Manual (211), Technical Manual (13), Technical Report (137523), Thesis (280635), Training Manual (1057), Video Lecture (69459 s), Web Course (1176 items)
- Featured Sources of NDL India
 - A single window search facility.
 - Various ways to browse content repository.
 - Filtering result of search and browse with facet based refinement options.
 - Contents relevant for different levels of users.
 - Contents available for different subject domains: Technology, Arts and Humanities, Social Sciences, Natural Science etc.
 - App and content may be accessed in four different languages: English, Hindi, Bengali and Gujarati

Registration process

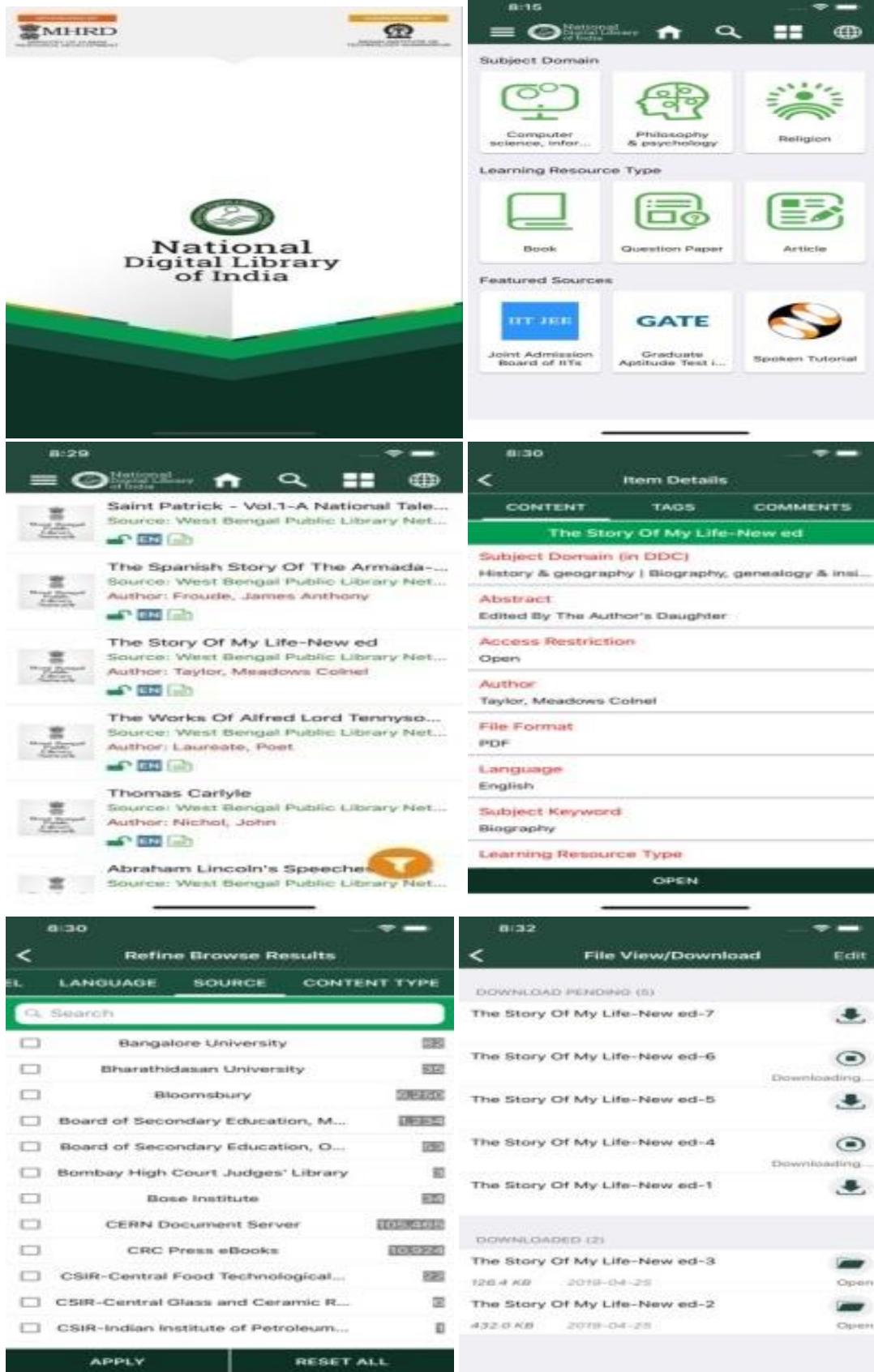
For the registration, require valid email id and personal details. Any individual can register with NDL India app.

Featured Sources	Items
NPTEL	10000 + Video Lectures
NCERT	Hindi & English book of different subject from Primary to 12th
Krishikosh	50000+ agriculture books, Journals, Reports
INFLIBNET	38000+ Thesis, Synopsis report
LIBRIVOX	200000 + Audio books

Table

Uses	Before Awareness of NDL	After Awareness of NDL
User aware about NDL India App	0.3%	100 %
Registered User	0 %	94%

Screen Shot of NDL India App



Purpose of National Digital Library (NDL India App)

The main purpose of the NDL is to collect information, store, and organize, information in digital form. NDL India app gives digital information to all users at free and Encourage co-operative efforts in research resource, computing and communication networks. Strengthen communication and collaboration between and among educational institutions. Take leadership role in the generation and dissemination of information to all. Basically we can say that NDL India app is umbrella for the all resources.

Data analysis and interpretation

- The data of different user received from the questionnaires.
- The uses of NDL before the awareness and after the awareness.

It is found that when user not aware about the NDL India app there are no user use the NDL therefore there is no respond for the use of NDL.

It is cleared that when they aware about the NDL India app there are 100 % user aware about the NDL and 94 % user registered with NDL India app also received the positive feedback from the user.

CONCLUSION

Today we can see that the use of internet is increases for the searching and surfing of information. That's why to reduce the time required for searching and browsing of any query, there will be a tool is required and these tool is NDL India app. After the study we can say NDL contain more information in more formats. Also when users are not aware about the NDL India app then no user used the NDL. But when user get aware about the NDL India app there will be continues increase in the use by user. So for the better use of NDL India app it is required to aware about them. So it is found that the responsibility of Librarian to continuously arrange awareness programme on NDL India app for the users to aware about the NDL. NDL India app is a big boon for users, which enables to free access large number of scholarly resources from branded publishers.

Conflicts of interest: The authors stated that no conflicts of interest.

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