



NDLI TODAY

ONE LIBRARY. ALL OF INDIA.



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LAUNCH EDITION



"My faith is in the Younger Generation, the Modern Generation, out of them will come my workers. They will work out the whole problem, like lions." – Swami Vivekananda

The launch of National Digital Library of India (NDLI) marked a key milestone of a long-term dream for all of us at IIT Kharagpur. I would like to thank and congratulate the entire NDLI family including patrons from the government, all our partner institutions,

librarians, overseas associates, project members and above all, the users.

NDLI is not just a large-scale education project, it is a platform with the potential to truly democratize education in India using disruptive innovation and modern day technology. NDLI is also a voluminous repository of India's academic and cultural brilliance for the world to perceive, an open and inclusive forum manned by the best and brilliant teachers, scholars and institutions of the country and a roaring statement from a rising, shining, Digital India. We have made a good start, and I cannot wait to see NDLI realise itself into a full-fledged national movement that educates, enables and empowers every single learner from all corners of my country.

Jai Hind.

- Prof. Partha Pratim Chakrabarti
Principal Investigator, NDLI,
Director, IIT Kharagpur

NDLI IN THE NEWS



2nd April, 2018

65 projects at cost of nearly INR 140 Crores approved under Uchhatar Avishkar Yojana



26th April, 2018

National Digital Library centre inaugurated at IIT-G



3rd May, 2018

Ray's books in demand on anniversary



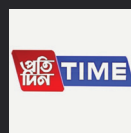
11th May, 2018

IIT KGP explores French connections for academic and research collaborations



19th June, 2018

Free National Digital Library with 1.70 cr books opened



19th June, 2018

National Digital Library Launched By Union HRD Minister



19th June, 2018

HRD Minister Prakash Javadekar launches National Digital Library in New Delhi



19th June, 2018

Javadekar launches National Digital Library of India on National Reading Day



20th June, 2018

Centre launches nat'l e-library, can be used as a mobile app



20th June, 2018

NDLI, now available with around 2 crore e-books



THROUGH THE LOOKING GLASS: LEARNINGS FROM NDLI'S PILOT PHASE

The idea of a National Digital Library of India was conceived in 2014. Stemming from the desire to make educational resources accessible to every learner in the country, the digital library came into being in 2015. Since then, NDLI has worked to include metadata for contents from premier institutes in India and abroad, and set up Institutional Digital Repositories (IDRs) across every region in India through hands-on workshops and continued tech support from the tireless team at IIT Kharagpur. As fruit of our initial efforts, the pilot phase reached its content goal a year and half before schedule, which opened our eyes to the gamut of knowledge and the wealth of possibilities that this initiative holds.

It has been an interesting and highly eventful journey so far – infact, we have travelled the length and breadth of the country to participate in and co-host over 100 events in the form of IDR workshops, user workshops, research seminars, international workshops, public library workshops and paper presentations to promote discussions, understand pain-points and set up the necessary infrastructure for our vision to democratize education for young India.

From international dealings we realised the potential of this digital library to become a live, lasting opportunity to showcase India's cultural and knowledge heritage to the world, - in her own voice, and on her own terms. From librarians and publishers, we learnt of a multitude of copyright and open access anomalies – India is still in a very nascent stage when it comes to Intellectual Property (IP) and digital rights, and as a digital library that invests in content at its core,

it is a subject that has since come to the forefront of our current understanding and implementation mandates. Infact, NDLI, together with librarians from top institutes and some of the most prominent IP lawyers in the country, have collaborated to come up with the first manual of copyright best-practices for India.

From our extensive travels within the country to institutes, public libraries, relevant seminars, schools, colleges and talks with edupreneurs, we understood bottlenecks of content vs. quality, accuracy vs. access, infrastructural robustness vs. reach, and made a resounding number of friends of all ages, who speak in many languages but have supported us whole-heartedly and dedicated themselves to our mission – one library, for all of India.

In its current capacity, NDLI has more than 1.7Cr contents, yet that does not integrate all that India has to offer. A large part of the traditional and common knowledge belonging to India's states has yet to be assimilated into this library and is only achievable by establishing Regional Centres across India. This will lead to the integration of contents specific to different states and create a truly national library that embraces India's diversity in languages, culture and heritage. Our first Regional Centre was set up at IIT Guwahati for the Northeast just a few months ago on 20th April – I'm hopeful that the Northeast Regional Centre shall open up treasures from the eight sister states as we have never seen before. Similar efforts have been initiated for all other regions.

NDLI started as a seed that has today germinated into a plant that is still young and growing – fed by every state and region of our country with languages, art, knowledge, videos, simulations, poetry and literature that India has to offer. It has grown of, by and for the blessings of its many patrons who are teachers, professors, professionals, students, lawyers, librarians, policy makers – but all of them, intrinsically life-long learners, childishly excited at the idea of an united effort that can uplift the entire country to learn, share and grow. I keenly await the day this initiative grows to become a full-fledged tree of knowledge, and a true testament to the digital unification of a very diverse India.

- Prof. Partha Pratim Das,
Joint Principal Investigator, NDLI,
IIT Kharagpur

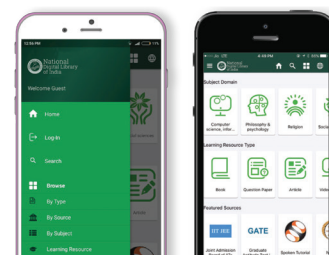


9,80,000+
ANDROID DOWNLOADS



12000+
iOS DOWNLOADS

NDLI APP UPDATE



THE LAUNCH OF NATIONAL DIGITAL LIBRARY OF INDIA: DEDICATED TO THE SERVICE OF THE NATION

The date 19th June, 2018, marked an auspicious turning point for education in India with the launch of National Digital Library of India by Shri Prakash Javadekar, Hon'ble Minister of HRD.

At the event, which took place at Vigyan Bhawan, New Delhi, on National Reading Day, and was attended by eminent library professionals, technology experts, policy makers, educators, journalists and an enthusiastic audience of learners, the HRM said, "People should be in the habit of learning. There was a time when I would visit various public libraries and spend the whole day poring over books". He then went on to elaborate on NDLI's role in remediating the issue of access. "Access to quality educational resources is the right of every Indian citizen" said the Hon'ble Minister to resounding cheers at the event. He added that this initiative will greatly aid the government's commitment towards 'Padhe Bharat Badhe Bharat' - a mission to educate all of India by enabling every learner with access to knowledge and academic resources.

Dr. Mahesh Sharma, The Minister of State (Independent Charge) and Culture, reminisced about his childhood and the difficulties he faced in locating learning content. He thanked National Digital Library of India for addressing that challenge by enabling students of today with instant access to quality educational resources, anytime and anywhere, "India is one of the largest consumers of mobile phones in the world. The country is moving towards a Digital India". Speaking on the National Virtual Library of India, he added that together NDLI and NVLI can contribute towards leaving a mark on the global stage, "NVLI can take India's culture, knowledge and heritage to not just every corner of India, but take the nation's hitherto hidden knowledge and represent that before the World". Speaking on India's 'Unity in Diversity' policy, he added that National Digital Library of India, with its multilingual database and interface, was an important step forward in realizing this vision.

Prof. Partha Pratim Chakrabarti, Principal Investigator of NDLI and Director, IIT Kharagpur spoke on National Digital Library of India's contribution towards driving international digital copyright policy. A repository of metadata hosting various kinds of content, including rare resources - NDLI is committed towards maintaining a healthy relationship between contributors and repositories across India and the World in the context of copyright. "In terms of the bigger picture, the government of India is trying to provide a new format for education where the highest and the best quality education can be received by everybody, anywhere in the country. And in this whole big picture, the National Digital Library is trying to play its role", said Prof. Partha Pratim Chakrabarti at the inauguration.



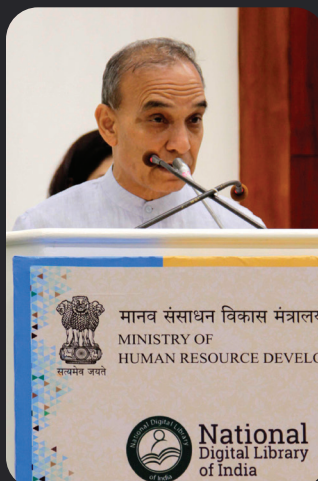
Compère introducing the distinguished panel at the launch of National Digital Library of India held at Vigyan Bhawan on 19th June, 2018



Prof. Partha Pratim Chakrabarti, Principal Investigator of NDLI and Director, IIT Kharagpur speaks on NDLI at the launch



(L-R) Prof. Partha Pratim Chakrabarti, Principal Investigator of National Digital Library of India and Director IIT Kharagpur, Shri R. Subrahmanyam, Secretary (HE) MHRD, Dr. Mahesh Sharma, Hon'ble Minister of State (Independent Charge) and Culture, Shri Prakash Javadekar, Hon'ble Minister of HRD, Dr. Satyapal Singh, Hon'ble Minister of State (HE), Dr. N. Saravana Kumar, Joint Secretary (TEL & ICC), MHRD and Shri N. Balagopal, P N Panicker Foundation - distinguished members of the panel at the launch of NDLI



Dr. Satyapal Singh, Minister of State (HE)



Dr. Mahesh Sharma, Hon'ble Minister of State (Independent Charge) and Culture



Shri Prakash Javadekar, Hon'ble Minister of HRD is presented with a memento by Shri N. Balagopal, Vice Chairman of the P N Panicker Foundation, to commemorate National Reading Day



Dr. N. Saravana Kumar, Joint Secretary (TEL & ICC), MHRD, delivers his vote of thanks at the launch event



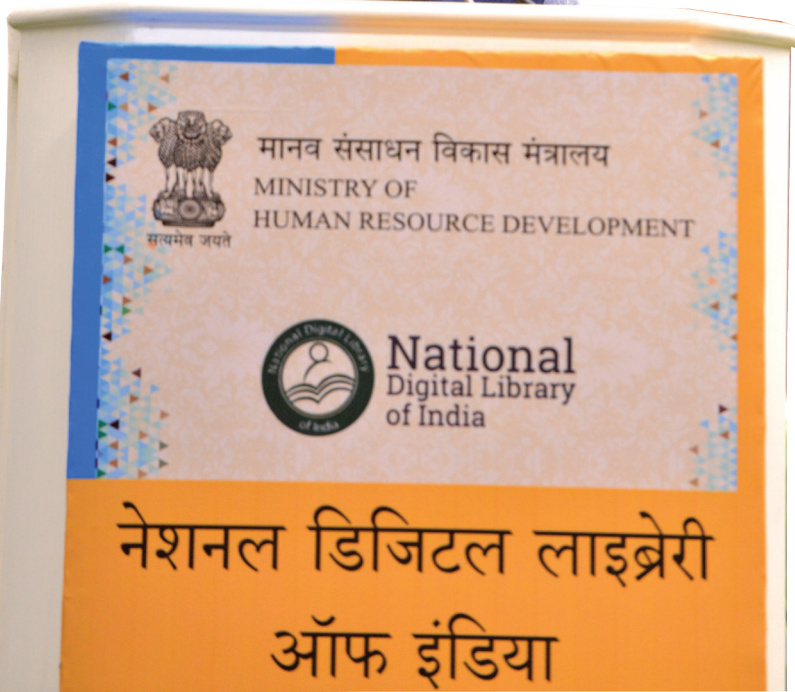
Dr. Satyapal Singh, Minister of State (HE) said, "This is a moment that will go down in history". Amidst a cheering crowd he spoke on how National Digital Library of India was a great achievement for India and encouraged all members of the audience and users of the library to take full advantage of the resources.

In his opening speech, Shri R. Subrahmanyam, Secretary (HE) MHRD thanked National Digital Library of India for "... striking alliances across the world". The Hon'ble Secretary praised NDLI for being open and inclusive. "They looked not just at the digital repositories in the country, but they also moved outside India. They looked at repositories like World eBook Library and South Asia Archives. Most importantly, they brought in resources in several languages". He concluded by saying, "There is a lot that Indian students can gain from this initiative".

Shri N. Balagopal, Vice Chairman of the P.N. Panicker Foundation spoke passionately on National Reading Day. In expressing his vision of India taking centre stage in the knowledge economies of the World, he said - "If you have the thirst for knowledge, you can access this digital library. A student from an ordinary school and a research scholar going to college can access information through the digital library".

In his vote of thanks Dr. N. Saravana Kumar, Joint Secretary (TEL & ICC), thanked and congratulated the efforts of IIT Kharagpur and everyone associated in the creation of this National Knowledge and Cultural Asset.

A single window integration platform that is available both as a website and as a mobile app, registration to NDLI is free. With the aim of overhauling the current status of education in India, NDLI offers disruptive innovation through the use of the digital and emerging technologies in the form of a constantly evolving and growing information repository that is designed to aid not just some, but all of India to learn, share and grow.



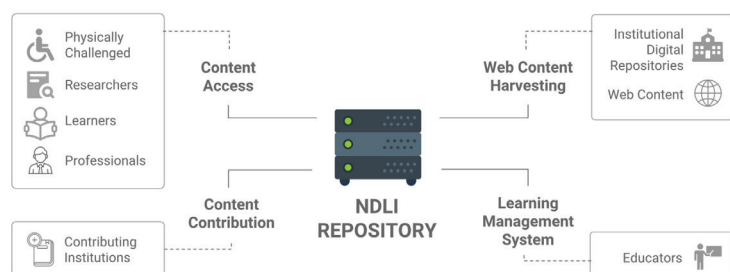


ONE LIBRARY, ALL OF INDIA: THE JOURNEY

India is fast becoming one of the youngest countries in the world. With the demographic between the ages of 18-59, termed as the 'working age' set to become more than 50% of the country's overall population of 1.26 billion*, India faces the challenge of developing an infrastructure that can educate these large numbers and keep them abreast of the fast-changing knowledge landscape. The country must leverage its advantage in terms of human resources, but that can only be possible through educating and enabling access to resources for all and not some learners.

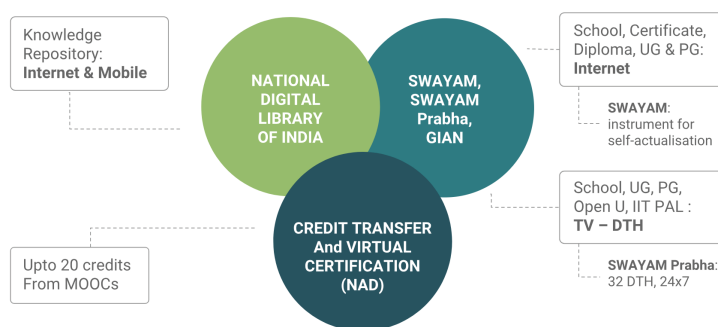
National Digital Library of India, developed by IIT Kharagpur, under the aegis of Ministry of Human Resource Development (MHRD) and through National Mission on Education through Information and Communication and Technology (NMEICT), was conceptualized as a disruptive innovation to fuel education for all. It is a National Knowledge and Cultural Asset created by building an umbrella over existing digital repositories to facilitate education, research, innovation and knowledge sharing in the country.

NDLI aims to inculcate within all of India a digital learning culture by reaching out to people at every corner of the country. It hosts multidisciplinary content numbering up to more than 1.7Cr in over 200 languages. Text books, lectures, simulations, guides, theses, dissertations, tutorials, audiobooks, educational and edutainment videos, games and more fill the library's digital shelves.

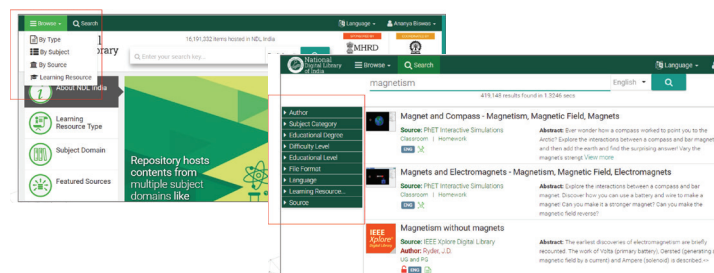


Learners from all age groups will find content suited to their needs – whether they are students, academicians, researchers, industry professionals, enthusiasts or lifelong learners, NDLI is for every Indian citizen.

Functioning as a repository of metadata, National Digital Library of India is the latest in the line of government sponsored initiatives designed to promote education in the country. Working to disseminate learning alongside projects like SWAYAM (makes available educational resources pertaining to classroom education online and for free), Swayam Prabha (educational media available 24x7 and for free on its sponsored television channel), GIAN (international collaborations to fuel learning) and SPARK, NDLI is an open sourced software that can connect to India's MOOCs by virtue of a support plugin that supports collaborative and immersive learning.



National Digital Library of India allows for personalization in locating learning content through its 'search' and 'browse' features. Users can locate content not just by the title or author, but through filters such as 'Learning Resource Type', 'Educational Level', 'Subject' and more. This flexible user searchability makes the portal a resource that can suit itself to multifarious learning requirements, as per the needs of the user.

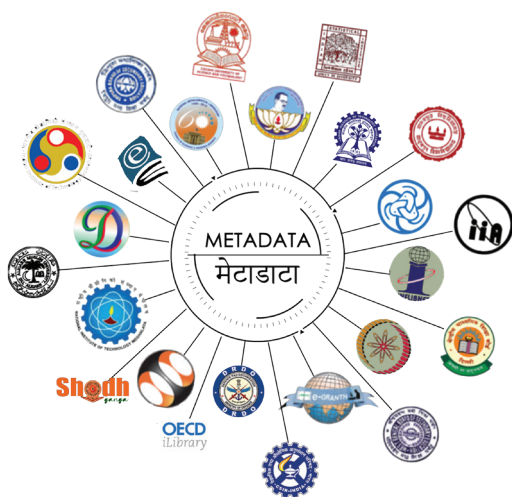


A 24x7 enabled single window integration platform, users can not only find it easier to locate content, but can both tag and comment on the same for future reference. The use of experience tracking ensures customized search results. The digital library is also set to feature customized user interfaces to suit different user grades. A multi-lingual resource, the NDLI interface can presently be accessed in Bengali, Hindi, Gujarati and English, with nine more languages on the way. The digital library seeks to integrate content from every Indian state and in every Indian language to preserve the country's diverse heritage and present that to the nation as well as the world.



The National Digital Library of India platform can be accessed through the website (<https://www.ndli.gov.in/>, <https://ndli.iitkgp.ac.in/>), or by downloading the iOS and Android apps. The mobile app for NDLI was the recipient of the mBillionth South Asia Awards 2017 in the 'Learning and Education' category for its contributions to the development of education in India.

NDLI harvests its content in the form of metadata sourced from various educational institutions. Users can locate resources by browsing through the metadata index and locating content of their choice. Once selected, the user is taken to the original digital address of the resource from where they can peruse at will. The contents in this digital library are either born-digital, are digital surrogates of physical objects or digital metadata of physical objects.



This metadata is gathered by crawling through various digital repositories, educational, cultural and heritage portals as well as data obtained from publishers who contribute to various online feeds.

Spearheading the copyright movement in India, National Digital Library of India is invested in maintaining the status of copyright of its contents. While many of the content, upwards of 1Cr content, in the library are available for free, there are various sources that require the content to be purchased before they can be accessed in full. The status of copyright of any given piece of content is available in the search results in the form of access options.

	Open Full-text available to all (Example: NCERT)
	NDLI Users Full-text available through NDL, <i>not directly</i> from Source (Example: South Asia Archive)
	Limited Access Part of text available but full-text requires authorization by Source authority (Example: IISER, Bhopal)
	Subscribed Full-text available from institutions that have subscribed to the Source (Example: Springer)
	Restricted Full-text access requires authorization by Source authority and separate login to the Source (Example: IIT Jodhpur)

NDLI also offers API and data for integration of third party app services to aid other initiatives that can benefit from its API. National Digital Library of India is a treasure trove of knowledge that aims to democratize education by building one library for all of India. An open and inclusive e-learning environment, NDLI is a single resource that aggregates educational content for the benefit of all learners, irrespective of their discipline, spoken language or education level.

For more details on NDLI project and its activities visit <http://www.ndlproject.iitkgp.ac.in/>

To get regular updates on NDLI and its activities, you can follow our social media handles across Facebook, Twitter and LinkedIn: @NDLIndia.

* <http://www.ficci-hes.com/>

- Nanda Gopal Chattopadhyay,
CTO, NDLI,
IIT Kharagpur

#NDLI SOCIAL



Kulwinder Singh Harry National Digital Library of India is doing a future ready work... hope more n more in coming days too..

Like · Reply · Message · 3w

Sadeqa Ghazal Love that NDLI is including manga too. Guys, we are kindred souls. 😊

Like · Reply · Message · 10w

Rakhi Bhasin 1:32 I also want to be the part of this library.

Like · Reply · Message · 3w

Vivek matani @MataniVivek · Jun 26
@NDLIndia I would like to thank you for this initiative !! It would be very helpful in our digital India. Students can use this library in mobile/tablet/laptop anywhere. Kudos !! 🙌👍👏

Niteesh Dwivedi @its_niteesh · Jun 19
I request everyone there to support e-books & e-newsletters so that we can save paper , and save our trees , Every year millions of trees cuts just for paper production... Please save papers , save trees
@NDLIndia @NatGeo @UNEnvironment

GUESTS' QUOTE



"Digital libraries provide instant information; NDLI is a very good initiative in popularizing active learning in India".

– Prof. Mihir Kanti Chaudhuri,
ex-VC Tezpur University & current
Advisor, Education Department,
Government of Assam



"We started with a vision to universalize knowledge instruments across the country so that it does not remain as the domain of premier institutions in India."

– Shri R. Subrahmanyam,
Secretary (HE) MHRD



"We at IIT Kharagpur possess the infrastructure and expertise to assist and train young library professionals in building and developing knowledge repositories across the country and integrating them to NDLI."

– Dr. B. Sutradhar,
Co Principal Investigator, NDLI,
IIT Kharagpur

PAST EVENTS

April'18: Regional (North VI) IDR Workshop, University of Jammu

April'18: Inauguration of NDLI-NE-RC (North-East Regional Center)

May'18: OSSLM IIT Kharagpur, Kharagpur

May'18: EuropeanaTech Conference 2018 : Gorgeous Data, Glorious Technology at The Hague

May'18: Public Library Workshop, Hyderabad, IPLM with DEF

May'18: Training Programme on Library Automation (TPLA) at SRFTI, Kolkata

June'18: Public Library Workshop, Jaipur, IPLM With MSSRF

June'18: TEQIP, Kharagpur, IIT Kharagpur

June'18: Joint Conference on Digital Libraries 2018, Fort Worth, Texas

June'18: Annual Steering Committee Meeting of Rights Statements at New York Public Library

UPCOMING EVENTS

Aug'18: READIT 2018, IGCAR, KALPAKKAM, Tamil Nadu

Aug'18: IFLA WLIC 2018, Kuala Lumpur Malaysia

Sep'18: IDR Workshop (North VII) Gurgaon, at IICA IMT Manesar

Sep'18: IDR Workshop (East IV) Patna, at IIT Patna

Oct'18: FORCE 2018, McGill University, Canada

NATIONAL DIGITAL LIBRARY OF INDIA

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