National Digital Library of INDIA: (NDL)

The National Digital library of India is a project under Ministry of Human Resource Development, India. The objective is to collect and collate metadata and provide full text index from several national and international digital libraries, as well as other relevant sources. **Library integrates contents from** Institutional Digital Repositories **of large number of Indian** Educational and Research institutions.

Academic institutions are also eligible to register under NDL Institutional Registration Form. After registration we have to send all our users details, all our members will receive the validation link for accessing the content and they can access the content.

The librarian has made a bulk registration of all the official mail ID to the NDL portal. To activate the link.

1. Visit to the NDLI portal - https://ndl.iitkgp.ac.in
2. Click on the option "Account Recovery" (right hand side of the portal).
3. Put the email id registered in NDLI portal and click on the option "Submit".
4. In a new tab, login to individuals mail account.
5. Open the mail received from NDLI and click on the link provided in the mail.
6. Reset your password.

URL: https://ndl.iitkgp.ac.in/

e-ShodhSindhu

Based on the recommendation of an Expert Committee, the MHRD has formed e-ShodhSindhu merging three consortia initiatives, namely UGC-INFONET Digital Library Consortium, NLIST and INDEST-AICTE Consortium. The e-ShodhSindhu will continue to provide current as well as archival access to more than 15,000 core and peer-reviewed journals and a number of bibliographic, citation and factual databases in different disciplines from a large number of publishers and aggregators to its member institutions including centrally-funded technical institutions, universities and colleges that are covered under 12(B) and 2(f) Sections of the UGC Act.

URL: https://ess.inflibnet.ac.in/

ePGpathshala :

An MHRD, under its National Mission on Education through ICT (NME-ICT), has assigned work to the UGC for development of e-content in 77 subjects at postgraduate level. The content and its quality is the key component of education system. High quality, curriculum-based, interactive content in different subjects across all disciplines of social sciences, arts, fine arts and humanities, natural and mathematical sciences, linguistics and languages is being developed under this initiative named e-PG Pathshala.

URL:http://epgp.inflibnet.ac.in/

NPTEL (National Program on Technological Enhanced Learning):
NPTEL provides E-learning through online Web and Video courses in Engineering, Science and humanity streams. The mission of NPTEL is to enhance the quality of

Engineering education in the country by providing free online courseware. URL: Online Access http://nptel.ac.in/
Offline Access : NPTEL

Swayam Program:
SWAYAM is a programme initiated by Government of India and designed to achieve the three cardinal principles of Education Policy viz., access, equity and quality. The objective of this effort is to take the best teaching learning resources to all, including the most disadvantaged. SWAYAM seeks to bridge the digital divide for students who have hitherto remained untouched by the digital revolution and have not been able to join the mainstream of the knowledge economy. This is done through an indigenously developed IT platform that facilitates hosting of all the courses, taught in classrooms from 9th class till post-graduation to be accessed by anyone, anywhere at any time. All the courses are interactive, prepared by the best teachers in the country and are available, free of cost to the residents in India. More than 1,000 specially chosen faculty and teachers from across the Country have participated in preparing these courses. The courses hosted on SWAYAM will be in 4 quadrants – (1) video lecture, (2) specially prepared reading material that can be downloaded/printed (3) self-assessment tests through tests and quizzes and (4) an online discussion forum for clearing the doubts. Steps have been taken to enrich the learning experience by using audio-video and multi-media and state of the art pedagogy technology.

URL : https://swayam.gov.in/

Consortium for Educational Communication (CEC):
The Consortium for Educational Communication popularly known as CEC is one of the Inter University Centres set up by the University Grants Commission of India. It has been established with the goal of addressing the needs of Higher Education through the use of powerful medium of Television alongwith the appropriate use of emerging Information Communication Technology (ICT).

URL: http://cec.nic.in/cec/

Swayam Prapha:
The SWAYAM PRABHA is a group of 32 DTH channels devoted for telecasting of high-quality educational programmes on 24X7 basis using the GSAT-15 satellite. Every day, there will be new content for at least (4) hours which would be repeated 5 more times in a day,

allowing the students to choose the time of their convenience. The channels are uplinked from BISAG, Gandhinagar. The contents are provided by NPTEL, IITs, UGC, CEC, IGNOU, NCERT and NIOS. The INFLIBNET Centre maintains the web portal. For higher education, Curriculum-based course contents at post-graduate and under-graduate level covering diverse disciplines such as arts, science, commerce, performing arts, social sciences and humanities, engineering, technology, law, medicine, agriculture, etc. All courses would certification in their detailed offering through SWAYAM, the platform being developed for offering MOOCs courses.

URL : https://www.swayamprabha.gov.in/

Robotics for Education E-Yantra:
e-Yantra is an initiative by MHRD to incorporate Robotics into engineering education with the objective of engaging students and teachers through exciting hands-on application of math, computer science, and engineering principles.

URL : http://e-yantra.org/

Virtual Labs:
It provides remote-access to Labs in various disciplines of Science and Engineering. These Virtual Labs would cater to students at the undergraduate level, post graduate level as well as to research scholars.

URL :http://www.vlab.co.in

E-Kalpa (Creating Design):
'Creating Digital-learning Environment for Design' also called 'e-kalpa' is sponsored by the Ministry of Human Resources, Government of India as part of the National Mission on Education through Information and Communication Technology. The main intention is the creation of new learning environments that will provide access to acquisition of critical knowledge, skills, and abilities in the field of design.

URL :http://www.dsource.in/course

Webcast:
Webcasting allows you to extend the reach of any event to across the globe, with no limitations of physical or geographical boundaries. NIC ensure that your events get an optimum webcast with flawless production quality. NIC's webcast service offers a turnkey

solution for an event, bringing onsite production, hosting, and streaming to millions of online viewers.

URL : http://webcast.gov.in

DOAJ (Directory of Open Access Journals)

DOAJ is a community-curated online directory that indexes and provides access to high quality, open access, peer-reviewed journals. DOAJ is independent. All funding is via donations, 22% of which comes from sponsors and 78% from members and publisher members. All DOAJ services are free of charge including being indexed in DOAJ. All data is freely available.

DOAJ operates an education and outreach program across the globe, focusing on improving the quality of applications submitted.

- **14,862** Journals
- **11,899** searchable at Article level
- **133** Countries
- **5,034,054** Articles

URL: https://doaj.org/