



Ministry of Education
Government of India

e-ShodhSindhu

Consortium for Higher Education Electronic Resources

A Centrally Sponsored Scheme of MoE
Government of India



<https://ess.inflibnet.ac.in>

Consortium for Higher Education Electronic Resources

e-ShodhSindhu



Information and Library Network Centre
Gandhinagar, Gujarat

Background

e-Shodh Sindhu was established in December 2015 through the merger of three consortia–UGC-INFONET Digital Library Consortium, N-LIST, and INDEST-AICTE Consortium. It provides current as well as archival access to more than 10,000+ core and peer-reviewed journals (including journals available through N-LIST) 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. e-ShodhSindhu serves as a crucial facilitator for scholarly communication across a wide spectrum of academic disciplines.

Aims and Objectives

The main objective of the e-Shodh Sindhu: Consortia for Higher Education E-Resources is to provide access to qualitative electronic resources including full-text, bibliographic, factual and legal databases to academic institutions at a lower rates of subscription. The major aims and objectives of the e-Shodh Sindhu are as follows:

- Develop a formidable collection of e-journals, e-journal archives and e-books on perpetual access basis;
- Monitor and promote usage of e-resources in member universities, colleges and technical institutions in India through awareness and training programmes;
- Negotiate rates of subscription for all e-resources required by all higher education institutions (HEIs) and offer them to all for subscription;
- Extend all services of e-Shodh Sindhu to core as well as other institutions on subscription payment basis;
- Provide access to subscription-based scholarly information (e-books and e-journals) to core as well as associate members;
- Provide access to scholarly content available in open access through subject portals and subject gateways;
- Bridge digital divide and move towards an information-rich society;
- Take-up additional activities and services that require collaborative platform and are not being performed by existing Consortia; and
- Moving towards developing a National Electronic Library with electronic journals and electronic books as its major building blocks.

Who is Eligible ?

All academic institutions including Centrally Funded Technical Institutions(CFTIs), Central Universities, Deemed Universities funded by UGC, State Universities & Colleges that are covered under 2(f) and 12(B) Sections of UGC Act. Other institutions including Private universities, non-12(B) colleges etc. may subscribe to e-resources on rates negotiated by the Consortium on their own.

How to Join?

All academic institutions having AISHE code can directly register on the Online e-Resource Requisition System (<https://ess.inflibnet.ac.in/oes/>) with the details of Librarian/Nodal Officer responsible for e-resources management. Upon registration login credential will be sent over email of the Nodal Officer of the institute. Using login credentials one can view/download the rate of subscriptions negotiated by the eSS negotiation committee. The institution may subscribe to these resources based on the rates negotiated by eSS and make payments directly to publishers from their own funds. The eSS subscribes to selected e-resources for member institutions who are eligible for central funding by UGC/MoE depending upon availability of funds.



OES Home Page Screen Shot

Electronic Resources

The Consortium subscribes to electronic resources in all major subject disciplines being taught in CFTIs, universities and colleges. It includes a wide variety of materials including e-journals, bibliographic databases, factual databases, and legal databases, reviews published by scholarly societies, university presses, institutions, commercial publishers and aggregators.

The e-Shodh Sindhu Consortium offers differential access to more than 7,000 full-text journals from 11 publishers, 4 bibliographic databases to core member institutions. The college component of the consortium, called N-LIST, provides access to 6,500+ journals and 7,99,500+ e-books to more than 3,500 colleges under the N-LIST programme. The access to e-resources is provided to various categories of institutions including CFTIs, central universities, 12(B) universities, national law schools and IUCs of the UGC. Details of e-resources subscribed / negotiated by the Consortium are given in Table overleaf.

How to Access Electronic Resources?

The access to e-resources under eSS is on the static IP address/Range of IP addresses and Consortium coordinates with the member institutions and publishers for smooth access to e-resources. Since most colleges do not have static IP addresses, access to e-resources to the registered colleges is being provided through INFED off-campus Access Management system using Shibboleth set-up at the INFLIBNET Centre. The authorized users from colleges can access e-resources and download articles required by them directly from the publisher's website once they are duly authenticated as authorized users through the N-LIST Programme. The Consortium has developed an online interface for the creation, updating and modification of users of colleges by the respective College Administrators.

The consortium also operates INFED, an access management federation which uses SAML-based software and architecture to facilitate off-campus authentication of authorized users using internal identity and access management system of member organizations. For more details can be viewed at : <https://parichay.inflibnet.ac.in>

Access to Archives contents under E-Shodh Sindhu

The e-Shodh Sindhu has also purchased / subscribed to South Asia Archives (SAA) and World eBook Library (WEL) on behalf of National Digital Library (NDL) and access to South Asia Archives (SAA) and 6,00,000 e-Books from World e-Book Library (WEL) are accessible to all members/users through National Digital Library (NDL) of India . The South Asia Archive contains more than 4.5 million pages spanning the period of 18th and mid-20th century from documents across the Indian subcontinent, including India, Pakistan, Burma, Afghanistan and Bangladesh. The access to SAA and WEL is available to all the institutions covered under the eSS Consortium as well as institutions of other Govt. funded Consortium like CERA, DelCON, CSIR-NKRC, DRDO, etc. The access to both these resources are also available to individuals through the National Digital Library of India (NDLI).

Document Delivery Service (DDS) Service

The eSS also provides DDS service to members using J-Gate Plus@e-ShodhSindhu a virtual library of journal literature created as a customized e-journal articles access gateway and database solution for member institutions of e-Shodh Sindhu. It provides article-level access to e-journals subscribed under the Consortium as well as e-journals subscribed by ILL Centres of the INFLIBNET Centre. It acts as a gateway to search 67,487 journals including 83.57 million articles. J-Gate has the facility to trigger email requests for articles to Inter Library Loan Centres as well as to INFLIBNET Centre.

Monitoring Usage through InfiStats

The IThe INFLIBNET Centre has developed an online system known as InfiStats, for monitoring the usages of various e-resources made accessible to the member institutions. InfiStats uses "Standardized Usage Statistics Harvesting Initiative (SUSHI)" Protocol (ANSI/NISO Standard No. Z39.93-2007) that defines an automated request and response model for harvesting of usage data for electronic resources using web services framework. The InfiStats portal imports the usage data from the publisher's website automatically and stores it in a database. The InfiStats interface provides title level COUNTER reports to member institutions. The member institutions can also login to this portal for monitoring the usage of their respective e-resources. Further details can be viewed at , visit: <https://infistat.inflibnet.ac.in/>



Under Central Funding

| Sl. No. | Resource Name | No. of Titles | No. of Inst. |
|---------|---|---------------|------------------|
| 1 | JSTOR | 3000+ | 212 + NLIST |
| 2 | JGate Plus (JCCC) | DB | 194 |
| 3 | Oxford University Press eSS Collection-262 titles | 262 | 163 + NLIST |
| 4 | ASME Journals Online | 29 | 58 |
| 5 | ASCE Journals Online | 36 | 51 |
| 6 | ACM Digital Library | 140 | 63 |
| 7 | American Institute of Physics - eSS Collection | 19 | 128 + NLIST |
| 8 | American Physical Society - eSS Collection | 13 | 128 |
| 9 | ISID Database | DB | All Core + NLIST |
| 10 | Web of Science/LA | DB | 150 |
| 11 | Annual Reviews - eSS Collection | 43 | 113 + NLIST |
| 12 | Project Muse | 670 | 101 |
| 13 | MathSciNet | DB | 92 |
| 14 | Springer Link + Nature 1 title | 1700+ | 200 |
| 15 | Taylor and Francis eSS Collection (1076 titles) | 1076 | 129 |
| 16 | Royal Society of Chemistry | 23 | NLIST |
| 17 | Institute of Physics | 46 | NLIST |
| 18 | HW Wilson | 3000+ | NLIST |
| 19 | Proquest Academic e-Books | 1.85 lakhs | NLIST |
| 20 | Indianjournals.com | 180+ | NLIST |

Open Model Resources

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| 1 | American Concrete Institute Journal Online |
| 2 | American Mathematical Society (AMS) Collections |
| 3 | ASTM Standards & Digital Library/Digital Library |
| 4 | Bentham Science |
| 5 | BIS Standards |
| 6 | Brill Journals |
| 7 | Cambridge University Press |
| 8 | Canadian Science Publishing |
| 9 | Corporate Law Advisor |
| 10 | CRISIL Research |
| 11 | Elsevier ScienceDirect |
| 12 | Emerald Publishing Group |
| 13 | IEC Standards |

| | |
|----|---------------------|
| 14 | IEEE |
| 15 | IndiaStat |
| 16 | LexisNexis |
| 17 | OSA Optics Infobase |
| 18 | Project Euclid |
| 19 | Sage Journals |
| 20 | Scifinder Scholar |
| 21 | Scopus |
| 22 | SIAM |
| 23 | WestLaw India |
| 24 | Wiley |

The details of negotiated resources are available at
<https://ess.inflibnet.ac.in/oes/>

For further information please contact

Team

Prof Devika P Madalli
 Director
 Email: director@inflibnet.ac.in

Mr. Ashok Kumar Rai
 Scientist-F (CS)
 Email: ashok@inflibnet.ac.in

Dr. Kruti J Trivedi, Scientist-D (LS)
 Email: kruti@inflibnet.ac.in

Mr. Dinesh R Pradhan, Scientist-D (LS)
 Email: dinesh@inflibnet.ac.in

Mr. Hitesh Solanki, Scientist-C (CS)
 Email: hitesh@inflibnet.ac.in

Mrs. Roma Y Asnani, STO-I (LS)
 Email: roma@inflibnet.ac.in

Website

<https://ess.inflibnet.ac.in>

For queries

Email: eshodhsindhu@inflibnet.ac.in
 Phone No. + 91 79-23268240/41/42/44/49



Information and Library Network Centre

(An Autonomous Inter-University Centre of UGC)

Infocity, Gandhinagar - 382007, Gujarat, INDIA