

Libraries in Higher Education in India

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India : A Profile

- Located in South Asia
- Land area covered: 3,287,263 Sq Km (7th Largest)
- Over one billion population (1,029,995,145) 2nd largest
- Federal Republic
- 28 States and 7 Union Territories
- Multilingual Society
 - 22 Regional Languages
 - Official language : Hindi
 - English is predominant in Govt. & Academics
- Literacy rate: 65.38%
- World Largest Democracy

Indian Education System

- Formal Education

A strong network of education system i.e. Schools, Colleges, Universities, Institutes of Higher Learning, etc., exists in India and is known for its IITs, IIMs, IISc., all over the world;

- Informal Education

Self-learning via e-learning, open-courseware and correspondence courses is the buzz word today and the libraries are playing a vital role in the promotion of Self-learning. However, the Informal Education is a life long process.

Higher Education in India

India could feel proud of having been one of the pioneers in Higher Education. Nalanda University which had its hay days from 3rd century to 12th century AD was one of the biggest Universities in early history with over 10000 scholars drawn from all over the world, particularly from China and South East Asia. In fact, UK Started its higher education with Cambridge and Oxford only in 12th Century AD by which time "Nalanda" was at its peak of progress.

Higher Educational Universities/ Institutions/R&D Centres/Libraries

Colleges : 17,700

Universities : 342 (Central & State Universities)

IITs : 07

IIMs : 06

IISc. : 01

R&D Institutions : 300+

Government Departments: 100+

Teaching Faculty: 457000

Students: 99,54,000

Scientists : 1,00,000

Libraries: 1,93,000

India Contributes largest body of S&T and IT Manpower
(Indian Universities Handbook, World of Learning)

Type of Libraries in India

Academic Libraries

- School Libraries
- College Libraries
- University Libraries

Public Libraries

- National Libraries
- State Libraries
- Regional Libraries
- District Libraries

Special Libraries

- Libraries in R&D Centres like CSIR labs
- National Libraries & Documentation Centres like NISCARE,
- Deference Library & Documentation Centres etc.
- ICCSR. ICMR, NISSAT,

Status of University Libraries

In 1953 the First Chairman of University Grants Commission "Dr. C.D. Deshmukh" has given his observation on libraries:

"The students form the body of the University, the administration is the head while the teachers are the soul and the Library is the heart."

Contribution of Prof. S. R. Ranganathan

- Father of Library & Information Science in India
- Has made seminal contributions in the areas of classifications, cataloguing, indexing, standards for libraries.
- Has pioneered public library movement in India and drafted public library acts for many states.
- Has developed standards for most of the library processes in university libraries.
- Has taught and trained a large number of librarians.
- Has authored several books and articles.
- Has brought a status and recognition for librarians.

Major Commissions on Higher Education System includes Libraries

- Hunter Commission (1882)
- Indian Universities Commission (1902)
- Calcutta University Commission (1917)
- University Education Commission (1948)
- University Grants Commission (1956)
- National Knowledge Commission (2005)

State of the Libraries in Higher Education in India

- About 35% University Libraries are automated;
- University librarians are on par with Professors
- Maintenance of Libraries – affected due to lack of funds;
- Insufficient space;
- Lack of trained manpower;
- Mind set of authorities;
- Lack of infrastructure;
- Lack of latest resources.

Agencies for the Development of Libraries

- University Grants Commission (UGC)
- All India Council of Technical Education (AICTE)
- National Assessment and Accreditation Council (NAAC)
- National Knowledge Commission (NKC)
- Libraries Networks (INFLIBNET, DELNET, State Library Networks)
- Library consortia (UGC INFO NET, INDEST, CSIR etc.)
- UNESCO
- Indian Library Association (ILA)
- Society for Advancement of Library & Information Science (SALIS)
- Indian Association of Special Libraries and Information Centres (IASLIC)
- Medical Library Association of India (MLAI)
- Society for Information Science (SIS)
- State Library Associations

University Grants Commission (UGC)

- The Government established university Grants Commission (UGC) by an Act of Parliament in 1956. It discharges the Constitutional mandate of coordination, determination, and maintenance of standards of teaching, examination and research in the field of University and Higher Education. UGC serves as a vital link between the Union and State Governments and the institutions of higher learning. It monitors developments in the field of collegiate and university education; disburses grants to the universities and colleges; advises Central and State Governments on the measures necessary for the improvement of university education; and frames regulations such as those on the minimum standards of instruction.
- The UGC has setup the Information Library Network (INFLIBNET) for Networking, automation and modernizing the libraries of UGC funded Universities, Colleges and Institutions. The INFLIBNET is funding & providing the access of e-resources and conducting user orientation program, training etc.

All India Council of Technical Education (AICTE)

All India Council for Technical Education (AICTE) was set-up in November 1945 as a national level Apex Advisory Body to conduct survey on the facilities on technical education and to promote development in the country in a coordinated and integrated manner. And to ensure the same, as stipulated in, the National Policy of Education (1986), AICTE be vested with statutory authority for planning, formulation and maintenance of norms and standards, quality assurance through accreditation, funding in priority areas, monitoring and evaluation, maintaining parity of certification and awards and ensuring coordinated and integrated development and management of technical education in the country.

- The AICTE is also caring the libraries of their affiliated institutions and colleges. The AICTE has collaborated with the INDEST consortium and DELNET for facilitate the quality scholarly contents in low price. The AICTE also framed some standard rules and guidelines for the institutions of higher learning to maintain their libraries efficiently.

National Knowledge Commission (NKC)

Setup by Prime Minister on June 13, 2005

- The National Knowledge Commission is a high-level advisory body to the Prime Minister of India, with the objective of transforming India into a Knowledge Society. It covers sectors ranging from education to e-governance to the five focus areas of the knowledge paradigm:

Access: *easy access to knowledge*

Concepts: *all levels and forms of education*

Creation : *effective creation of knowledge*

Application: *of knowledge system*

Services: *like e-governance*

National Knowledge Commission (NKC) Cont...

NKC has constituted working groups for expert opinions. One working group has been constituted for Libraries. This group has submitted status of libraries in the institutions of higher learning and given the recommendations, a few of them are:

- Set up a National Commission on Libraries
- Prepare a National Census of all Libraries
- Revamp LIS Education, Training and Research Facilities
- Re-assess staffing of Libraries
- Set up a Central Library Fund
- Modernize Library Management

URL of NKC: <http://www.knowledgecommission.gov.in>

Open Access Initiatives and Libraries

- **Institutional Repositories (evolving)**

 - Universities

 - Research organizations

- **Subject Specific Repositories**

 - Librarian's Digital Library (LDL)**

 - <http://drtc.isibang.ac.in/DRTC/Index.htm>

 - OpenMed@NIC**

 - <http://openmed.nic.in/>

- **Electronic Theses and Dissertations**

 - INFLIBNET and UGC** <http://dspace.inflibnet.ac.in>

 - Vidyanidhi** <http://www.vidyanidhi.org.in>

- **Cross Archives Search Services for Indian Repositories (CASSIR)**

 - <http://ardb4/nsci.iisc.ernet.in/oai>

- **Open J-gate (Journals directory)**

 - <http://www.openj-gate.com>

Open Access and Libraries

Cont...

- Open Access Journals

Indian Academy of Sciences

<http://www.ias.ac.in/pubs/journals>

Indian National Academy of Sciences

<http://www.insa.ac.in>

Indian MEDLARS Centre (IMC)

<http://medind.nic.in>

Medknow Publications

<http://medknow.com/journal.asp>

Indianjournals.com

<http://indianjournals.com>

Major Digital Library Initiatives in India

Digital Library of India (DLI)

<http://www.dli.ernet.in>

Digital Library-Resources for Indian Heritage (Kalasampada)

<http://www.ignca.gov.in/dlrich>

Traditional Knowledge Digital Library

<http://www.tkdl.res/>

Archives of India Labour

<http://www.indialabourarchives.org>

Library Networks and Consortia in India

- ERNET India: Educational and Research Network
<http://www.ernet.in/>
- NICNET: National Informatics Centre Network
<http://www.nic.in/>
- INFLIBNET : Information Library Network
<http://www.inflibnet.ac.in>
- DELNET: Developing Library Network
<http://delnet.nic.in>

Library Networks and Consortia in India

Cont..

- INDEST-Consortium (Indian National Digital Library in Engineering, Science and Technology)
<http://paniit.iitd.ac.in/indest/>
- UGC- Infonet e-journals consortium
<http://unicat.inflibnet.ac.in/econ/mindex.htm>
- CSIR-Consortium (Council of Scientific and Industrial Research) 35 institutional libraries
<http://202.54.99.7/ejournal/ejournalhome1.htm>
- Forum for Resource Sharing in Astronomy and Astrophysics (FORSA)
<http://www.iiap.res.in/library/forsa.html>

Major Problems of Libraries in Higher Education in India

- Change in mindset
- Budgetary Provisions
- Space
- Infrastructure
- Manpower
- Latest sources of information
- Library automation/Retro-conversion of database
- Digitization
- Intellectual Property Rights
- Existing Staff Resistance to the use of ICT
- Lack of standard software in libraries
- Escalation in prices of literature both Journals & Books

Emerging role of Libraries

- Library is a centre for creation of knowledge
- Library as a centre of recreation.
- Library as a publisher.
- Library as a centre of e-learning
- Library as a digital class room
- Library as a resource which provide 24x7 access.

CONCLUSION

Education is a life long process, be it formal in a school, college, university or in an institute of higher learning, or informal education via self learning process. One can do life long learning. But, the prima facie aim of higher education is to impart knowledge that makes one a good citizen. Libraries of Higher Education are repositories of knowledge and form an integral part of higher education. India is a glaring example of moving towards that goal.

Learning Resource Centre- JIIT University



ULA of Sri I



Learning Resource Centre JIIT University

- **Collection:**

25000 Books, Bound Volumes, AV and Digital Materials, 100+ Print Journals, 4000+ Journals from IEEE, ACM, Springer and LNCS.

- **Services:**

OPAC, Reference Services, Issue/Return of books, Reprography, CAS, Scanning, Internet, Inter Library Loan, CD burning facility etc.

- **Library Automation and other IT applications**

Fully computerized, Bar-coded, Institutional Repository by using Dspace and Comprehensive library website.

- **12 staff members**

- **Open all days (Except National Holidays)**

- **Members of INDEST Consortia and DELNET**

- **Infrastructure:**

75 PCs, 3M Security System, 350 sitting capacity, 19000 sq ft. areas, centrally air-condition and high speed internet and intranet connectivity.

Jaypee Group of Institutions

www.jiit.ac.in



JIIT University
Noida (UP) India



JIET (MP)
India



JIIT (HP) India

ULA of Sri Lanka

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Jaypee Institute of Information Technology University

- JIIT is an autonomous University under section 3 of UGC, MHRD, Govt of India. It was started in 2001.
- Located at Noida (Uttar Pradesh)
- State-of the-art Infrastructure
- Offers various courses like B.Tech, M.Tech, MCA, MBA and Doctoral Programs.
- Enrolled about 2400 students
- Over 100 faculty members
- Two sister institutions i.e. Jaypee University of Information Technology (HP) and Jaypee Institute of Engineering & Technology (MP).
- Further information is available on www.jiit.ac.in

My contact



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Questions?

Thank you