

AVAILABLE OF ELECTRONIC RESOURCES IN PRE AND PARA MEDICAL SUBJECTS THROUGH HEALTH SCIENCE LIBRARY AND INFORMATION NETWORK – HELINET CONSORTIUM AT MEDICAL COLLEGE LIBRARIES IN KARNATAKA

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Abstract

Information technology impacted positively on library and information system and services they provide for users. This paper concept availability of electronic resources in year 2013 through HELINET consortium at the medical college libraries in Karnataka. Instructions for access to electronic resources, why electronic resources in libraries, types of electronic resources, list of medical colleges in Karnataka, access of electronic journals and books, electronic resources awareness of training programme, advantages and disadvantages of electronic resources.

Key words: E-resources, medical college, Helinet consortium, RGUHS,

INTRODUCTION:

Electronic information sources can be seen as the most recent development in information technology. Electronic resources subscribed under Health Sciences Library and Information Network (HELINET) at Rajiv Gandhi University of Health Sciences, Bangalore, and Karnataka. The current year's internet has been the major force, which has led to the electronic versions of library collections. The electronic learning modules developed by RGUHS in collaboration with world health organization along with the additional links to useful free online resources such as Medline/PubMed, Cochrane library, NLM resources, Popline, IndMed, Directory of database, WHO library database, Encyclopedias, Dictionaries, interactive health tutorial etc also provided under HELINET consortium homepage.

HELINET MISSION:

To network all the Health Science libraries for minimizing the cost of acquisition and maintenance of learning resources and maximizing their utilization among the faculty, students and researchers in the health science colleges and institutions.

DIGITAL LIBRARY @ RGUHS:

The Digital Library initiative at RGUHS is first of its kind in the country in promoting e-learning culture and e-readiness preparedness for accessing huge amount of scholarly international Medical e-journals and e-books. With the State-of-the-art infrastructures, RGUHS developed the Digital Library and information centre for identifying, procuring, storing, processing, disseminating the scholarly information resources in the field of Health Sciences by minimizing the cost of recurring expenditure in the libraries of affiliated colleges and conceptualized the Health Science Library and Information Network HELINET for seamless access to world class Health Science Literature and Information resources, round the clock to the students, teachers and researchers in all the affiliated colleges of RGUHS. In the year 2003, HELINET consortium has been established by the Digital Library to provide core international e-journals, e-books and databases to all the colleges. The major benefit of this consortium was expanded access to core international e-journals. The Digital Library and Information Centre of RGUHS provide access to more than 7000+ online Bibliographic Database of PG dissertations, 6500 Digitized UG & PG courses, Previous Years Examination Question Papers.

INSTRUCTIONS FOR E-RESOURCE ACCESS TO COLLEGES:

User ID and password given is confidential to your college and should not be misused other than any or your bonafide students or teachers. The principal and librarian of the colleges have the responsibility to ensure the fair use of the subscribed resources under the copyright act. To overcome this misuse, it is advised to go for IP based authentication in you college. It is advised to have minimum 2 mbps internet bandwidth and other infrastructure facilities for effective use of electronic resources provided under HELINET consortium.

WHY E-RESOURCES IN LIBRARIES:

- Simple to access and search
- Low searching time

TYPES OF ELECTRONIC RESOURCES:

- Electronic Journal
- Electronic Book
- Electronic Dissertations

- Electronic Thesis
- Electronic Database

An electronic journal is also known as e-journals, e-journals, and electronic serials, are scholarly journals or intellectual magazines that can be accessed via electronic transmission. In practice, this means that they are usually published on the Web. An electronic journal is a periodical publication which is published in electronic format, usually on the Internet.

An electronic book is a book-length publication in digital form, consisting of text, images, or both, readable on computers or other electronic devices. An **e-book** is the electronic version of a book covering its full contents (text, tables, diagrams, illustrations, etc.)

Electronic Theses and Dissertations (ETDs) are theses or dissertations prepared as text-based PDF files. ETDs can contain non-text elements such as multimedia, sound, video, and hypertext links. An **electronic** (or digital) thesis or dissertation is, like a conventional thesis or **dissertation**, a document that explicates the research of a graduate student.

An e-database is an organized collection of information, of a particular subject or multi-disciplinary subject areas. The information of an e-database can be searched and retrieved electronically. Contents include journal articles, newspaper articles, book reviews and conference proceedings, etc.

LIST OF MEDICAL COLLEGES:

The list of medical colleges affiliated to Rajiv Gandhi University of Health Sciences, Bangalore, and Karnataka, India. These colleges under different district wise in Karnataka state.

SL No.	College Name	Place
1	Adichunchanagiri Institute Of Medical Science	Bellur
2	Al-Ameen Medical College	Bijapur
3	Bangalore Medical College & Research Institute	Bangalore
4	Basaveshwara Medical College & Hospital	Chitradurga
5	Belgaum Institute Of Medical Sciences	Belgaum
6	BVV Sangha's S. Nijalingappa Medical College	Bagalkot
7	Dr. B R Ambedkar Medical College	Bangalore
8	Fr. Muller Medical College	Mangalore
9	Hassan Institute Of Medical Sciences	Hassan
10	Indira Gandhi Institute Of Child Health	Bangalore
11	J. J. M. Medical College	Davangere
12	Karnataka Institute Of Medical Sciences	Hubli
13	Kempegowda Institute Of Medical Sciences	Bangalore

14	KVG Medical College	Sullia
15	M. R. Medical College	Gulbarga.
16	M.S Ramaiah Medical College	Bangalore
17	MVJ Medical College	Bangalore
18	Navodaya Medical College	Raichur
19	Raichur Institute Of Medical Sciences	Raichur
20	Raja Rajeswari Medical College & Hospital	Bangalore
21	SDM Medical College	Dharwad
22	Shimoga Institute Of Medical Sciences,	Shimoga
23	S. S. Institute Of Medical Sciences & Research Centre	Davangere
24	St. John's Medical College	Bangalore
25	Vijayanagar Institute Of Medical Sciences	Bellary
26	Vydehi Inst. Of Medical Sciences	Bangalore
27	J.N Medical College	Belagaum
28	Devaraj Urs Medical College	Kolar
29	Sri BM Patil Medical College	Bijapur
30	Narayana Hrudayalaya Institute Of Medical Science	Bangalore
31	K. S. Hegdhe Medical Academy	Mangalore
32	Jayadeva Institute Of Cardiology	Bangalore
33	Yenepoya Medical College	Mangalore
34	Command Hospital	Bangalore
35	ESI Rajajinagar	Bangalore
36	Institute Of Aerospace Medicine	Bangalore
37	Institute Of Nephro Urology,	Bangalore
38	JSS Medical College	Mysore
39	Kidwai Institute Of Oncology	Bangalore
40	Sanjay Gandhi Institute Of Accident And Trauma	Bangalore
41	Saptagiri Institute Of Medical Sciences	Bangalore
42	Sri Siddhartha Medical College	Tumkur
43	Srinivas Institute Of Medical Science	Mangalore
44	Subbaiah Institute Of Medical Sciences	Shimoga
45	A J Institute Of Medical Sciences	Mangalore
46	Bidar Institute Of Medical Sciences	Bidar
47	Khaja Banda Nawaz Rural Institute Of Medical Sciences	Gulbarga
48	Mandya Institute Of Medical Sciences	Mandya
49	Mysore Medical College & Research Institute	Mysore
50	Sri. Sathya Sai Institute Of Higher Medical Sciences	Bangalore

Sources: RGUHS website

The following electronic journals, electronic books and databases representing Science Direct, MD Consult, Lippincott William and Wilkins, Wiley-Blackwell, BMJ, Oxford University Press, Springer and Jaypee digital e-books. Present number electronic resources

available through Health Science Library and Information Network, Rajiv Gandhi University of Health Sciences, Bangalore, Karnataka. Login the RGUHS website (www.rguhs.ac.in/helinethost.consortium).

SL No.	Publisher	Type	Website
01	Science Direct	E-journals	www.sciencedirect.com
02	MD Consult	Database	www.mdconsult.com
03	LWW	E-journals	http://ovidsp.ovid.com
04	Wiley-Blackwell	E-journals	
05	BMJ	E-journals	www.bmj.com
06	Oxford University Press	E-journals	www.oxfordjournals.org
07	Springer	E-books	http://link.springer.com
08	Jaypee	E-books	www.jaypeedigital.com
09	Jaypee	Videos	www.jaypeedigital.com

ACCESS MODE OF E-JOURNALS:

The following accesses of full text electronic journals are available from the health science library network, Rajiv Gandhi University of Health Science website. The list of has been hosted for continuous access of full text at RGUHS digital library website www.rguhs.ac.in/helinethost.consortium, refer this website for the details of the title of electronic journals, electronic books and videos.

Pathology			
SL No.	HELINET SL No.	TITLE OF THE JOURNALS	ACCESS
01	04	American Journal of Clinical Pathology	LWW
02	10	American Journal of Surgical Pathology	LWW
03	14	Annals of Diagnostic Pathology	Science Direct
04	17	Annals of Diagnostic Pathology	Science Direct
05	64	Critical Reviews of Oncology	Science Direct
06	76	Current Opinion in Oncology	LWW
07	86	Diagnostic Histopathology	Science Direct
08	88	Diagnostic Molecular Pathology	LWW
09	117	Human Pathology	Science Direct
10	136	Journal of Clinical Pathology	BMJ
11	213	Surgical Oncology	Science Direct
Pharmacology			
12	47	Clinical Neuro-Pharmacology	LWW

13	53	Clinical Therapeutics	Science Direct
14	100	European Journal of Pharmacology	Science Direct
15	122	International Clinical Psychopharmacology	LWW
16	134	Journal of Cardiovascular Pharmacology	LWW
17	137	Clinical Psychopharmacology	LWW
18	160	Journal of Pharmacological and Toxicological Methods	Science Direct
19	217	Therapeutic Drug Monitoring	LWW
20	47	Clinical Neuro-Pharmacology	LWW
		Microbiology	
21	45	Clinical Microbiology Newsletter	Science Direct
22	65	Current Opinion in Allergy & Clinical Immunology	LWW
23	71	Current Opinion in Infectious Diseases	Science Direct
24	124	International Journal of Infectious Diseases	Science Direct
25	87	Diagnostic Microbiology and Infectious Disease	Science Direct
26	138	Journal of Clinical Virology	Science Direct
27	202	Review of Medical Microbiology	LWW
28	207	Sexually Transmitted Diseases	LWW
29	208	Sexually Transmitted Infections	LWW
30		Infectious Disease Clinics of North America	MD Consult
31		The Lancet Infectious Diseases	MD Consult
		Forensic Medicine	
32	06	American Journal of Forensic Medicine and Pathology	LWW
33	109	Forensic Science International	Science Direct
34	144	Journal of Forensic and Legal Medicine	Science Direct
		Community Medicine	
35	09	American Journal of Preventive and Social Medicine	Science Direct
36	15	Annals of Epidemiology	Science Direct
37	154	Journal of Occupational & Environmental Medicine	LWW
38	196	Public Health	Science Direct
39		The Journal of Men's and Health	MD Consult

E-Books

The following accesses of full text electronic books are available from the health science library and information network, Rajiv Gandhi University of Health Science website. The list of has been hosted for continuous access of full text at RGUHS digital library website www.rguhs.ac.in/helinethost.consotrium, refer this website for the details of the title of electronic journals, electronic books and videos.

SL No.	HELINET SL No.	TITLE OF THE E- BOOKS	ACCESS
01	11	Mc Pherson and Pincus: Henry's clinical diagnosis and management by laboratory methods, 21 st edition- 2006	MD Consult
02	26	Mandell, Douglas and Bennett's principles and practice of infectious diseases, 7 th edition-2009	MD Consult
03	31	Abeloff Clinical oncology, 4 th edition-2008	MD Consult
04	39	Kumar: Robbins and Cotran pathologic basis of disease, 8 th edition-2009	MD Consult
05	40	Shannon: Haddad and Winchester's clinical management of poisoning and drug overdose, 4 th edition -2007	MD Consult

ANNUAL INSTITUTIONAL MEMBERSHIP FEE:

Medical college's annual institutional membership fee payable to RGUHS University for providing Helinet science library and information network consortium of Rajiv Gandhi University of Health Sciences. As per schedule to notification No.ACA/Syn/Ord/1/2004-05 dated 02/08/2004.

SL No.	Faculty	Annual fee UG course	Annual fee UG & PG both course
1	Medical colleges	Rs.1,00,000	Rs. ,1,30,000

STUDENT'S DIGITAL LIBRARY FEE:

Student's annual fee paid to the RGUHS University for the entire-course in the lump at the time of Admission. Rajiv Gandhi University of Health Sciences. As per schedule to notification No.UA/Syn/Fee/05/2005-06 dated 01/09/2005.

SL No.	Faculty	Annual fee to be paid in per UG candidate	Annual fee to be paid in per PG candidate
1	Medical colleges	Rs.1000/-	Rs.2000/-

HOW TO ACCESS OF ELECTRONIC RESOURCES:

Library may be proceeding with procuring the electronic resources through HELINET consortium. These electronic resources can be accessed with the following two options.

IP Authenticated Access	The colleges who have already furnished their static IP address, they have been activated to access the electronic resources from the respective publishers.
Institutional User ID and Password	The colleges who do not have the static IP address, they may send the request for institutional user ID and password

BROADBAND CONNECTIVITY:

Subscribing institutions should have 2 mbps or more connectivity to internet for improved access depending upon the total population of users. Moreover, most publishers prefer providing access to their electronic resources on IP addresses assigned to institutions by internet service provider. Several publishers do not even offer password based access to their resources, As such; institutions desirous of subscribing to electronic resources should have static IP address. Range of IP address with leased line, VSAT or other available options through a standard ISP.

CONDUCTING TRAINING PROGRAMME:

The Rajiv Gandhi University of Health Sciences, Library and Information Centre/Digital Library were conducted workshop/orientation/training programmes in every year. All affiliated to RGUHS medical college library faculties, teaching faculties also participate in this programme. The main conducting the programmes vision is awareness of electronic resources to library professionals, students, and teaching faculties.

ADVANTAGES OF E-RESOURCES:

- Searching and downloading is very quick
- Several electronic books may be carried jointly on one device
- Number of electronic books stored in one CD
- No limitation to the size
- Electronic resources make available various search options
- Electronic resources give quick information
- Electronic resources provide easy citations
- Save user time

DIS-ADVANTAGES OF E-RESOURCES:

- Reading can be hard/ harmful to the eyes
- Electronic books files can be copied easily
- Violating the copyright laws
- Low visibility

BERKER SUGGESTED THREE TYPES OF DOCUMENTS USED IN ELECTRONIC RESOURCES:

Static E-Resources: Static are the most basic type of electronic resources. They contain fixed information and never change their original form. Eg. Traditional online data

Living E-Resources: Living electronic resources are able to change both their form and their embedded information. Eg. Information contain on the web

Dynamic E-Resources: Dynamic electronic resources beside contain fixed information, these are able to change their out ward form and the way embedded material is presented to users. Eg. Multimedia CD-ROMS

CONCLUSION:

Electronic resources present huge benefits to the end users. The libraries are present including rich collections of electronic books, electronic journals and electronic databases to full fill the research and teaching require of community. A training/orientation/workshop programmes conducting must be compulsory to the library professionals, students and teaching faculties and awareness of electronic resources. The electronic resources provide a variety of advantages, not only to libraries but also users, authors, publishers and archivists. Librarians need to have an enhanced understanding of the available of electronic resources. The librarian role is very important of electronic resources. The electronic resources are helpful because of their easy portability and its feature of incorporating more than one book in a single hand device.

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