UGC-INFONET E-Resources Usage in Mysore University Library: an overview

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Abstract:

UGC-Infonet one of best service in Indian University library. This paper explained the usage of e-resources available in UGC-Infonet consortia and what are the facilities provided in Mysore university library and analyzed the usage of UGC-Infonet e-journals. Mysore university usage statistics, based on NAAC report and UGC Inflibnet E-RAMS report.

Keywords: E-resources, UGC-Infonet, University Library, EZproxy, E-Journals
Introduction

The development of communication technology, it will predominate all the fields. The human beings are not living without communication technological accessories. Today most of libraries are adopted and using most useful peripherals for resources generation and dissemination of information. The user can get better service from these technological peripherals. Communication and information technology generated Electronic resources generally called as E-resources. The libraries have transformed printed version into digital libraries. The storage of information is in electronic form and communicates and disseminated the information through networks.

UGC-Infonet E- Resources:

UGC-Infonet was an ambitious programme of UGC to interlink all the Universities in the country with state-of-art technology. UGC Infonet provided one of the best facilities of Indian universities because the Indian Universities are come in one shelter. This facility provided link to one to one, and one too many. Universities are linked in one network; it is very much benefited to all university user community. University Grant commission through INFLIBNET is providing connectivity of UGC Infonet to all the universities in India. Around 13,329 title Peer reviewed journals it is covered Full text E-Journals and Request articles from different Indian University libraries subscribed electronic and print journals. More than 3850 publishers and databases are subscribed by the UGC-Infonet and it is accessible for all the Indian universities in one window that call as UGC- INFONET. These e-resources provided valuable information sources for higher education, academic and research activity. The present paper discusses about on usage of E-resources in Mysore university library and facilities are analyzed based on E-RAMS statistics.

Infonet E –Resources:

The UGC-Infonet Digital Library Consortium subscribes to the following resources for its member institutions. All electronic resources subscribed are available from the publisher's Web site. The Consortium provides current as well as archival access to more than 7500+ core and peer-reviewed journals and 10 bibliographic databases from 26 publishers and aggregators in different disciplines. Around 209 Universities including 14 National Law schools and central universities that come under the purview of UGC have been provided differential access to subscribed e-resources. These e-resources covers almost all subject disciplines including arts, humanities, social sciences, physical sciences, chemical Sciences, life sciences, computer sciences, mathematics and statistics, etc.
Mysore University Library:

Mysore University library is one of the oldest and largest University Library in the country and Mother of other University Libraries in Karnataka. The Library has grown to become one of the leading university libraries in the country with a rich collection of books, journals, reports, rare materials and archives, with multiple locations and a collection of more than 1.2 million items. The Library collection grew since the days of His Highness Maharaja Mummadi Krishnaraje Wadiyar who encouraged building up of need-based library collection for the Raja’s Free School and also reading habit among academic circles way back in the middle of the 19th Century. The Library today combines traditional roles with an ongoing commitment to transformation of its facilities and services in order to assist the University in meeting its objectives. The Library staffs take pride in the services they provide and look forward to meet the information needs of various user communities. Please take the time to explore and discover the range of quality resources and services on offer. Please always, feel free to contact us with concern, suggestions and ideas which will really help us in improving our performance on continual basis. Mysore University Library provides access to more than 13,000 e-journals, More than eighteen thousand E-books, and e-thesis through its e-resources portal for the benefit of its patrons.

Very recently UGC chairman inaugurated the library Digital information Resource Center (DIRC), Career information resource Center, Visually challenged learning Resource Centers are opened.

Objectives of the Study

a) To know the available e-resources
b) To know the usage of UGC-Infonet e-resources
c) To know the facility available in Mysore University library
d) To know the publisher wise usage of e-resources
e) To suggest the effective use of the UGC-Infonet e-resources.
Methodology


This report shows the utilized year wise e-resources. This report shows the usages are year to year it is grown and facility provided in university library for better to other university library. Some of the draw backs are indentified.

University Library Provided Facilities for E- Resources Accessibility:

Mysore University Library is one of the oldest libraries in India. This library user are Postgraduate students, Diploma students, Research Scholars, Faculty, Office staff are using our library regularly, every day more then 500 to 700 user are visit and utilize the library facility. Our library holds very informative print collection of all the subjects. University library also go to digital way, library website, Wi-Fi facility, EZproxy, Orientation Programs, Awareness programs, Guide lines, Helping Hands and other good support from staffs. These are all support for UGC-Infonet e-resources accessibility and other services are day to day grown. Its impact our library established in a good status in Karnataka and India.

Library Web page :( http://www.uni-mysore.ac.in/library/index.html)

The network environment is generated Internet facility and web pages. Institutional WebPages are gate way of information about the institution. The browser search information from any web page. Mysore University library designed a webpage. In this web page covers available library facility, about library, Librarian Message, Staff information, Library Divisions, WEB OPAC, E-Journals, E-Books, Print resources, Contacts, Book Recommendations, other useful links are provided in our web page. Our web page address is http://www.uni-mysore.ac.in/library/index.html. Browser can easy to access UGC-Infonet Journals, E-Books, and other e-resources from our website it will link to UGC-Infonet site and publisher sites.
University Library Opened Digital Information Resource Center (DIRC)

DIRC center opened recent years and it is very much useful to all the university Students and Research Scholars. Presently 120 PCs with Internet browsing facility available and user can, Access to thousands of e-journals, e-books, e-theses, digital repositories, through our webpage or Google search query. They can access UGC-Infonet and other open access journals also. DIRC facilitates to user utilize other e-mailing, assignment and project preparations. The center open from 8am to 8 pm every day. On an average 500 users per day visit the centre. It is very much benefit and brings IT awareness among students and other user community.
Wi-Fi Facility:

Wi-Fi is a popular technology that allows an electronic device to exchange data or connect to the internet wirelessly using radio waves. The Wi-Fi Alliance defines Wi-Fi as any "wireless local area network (WLAN) products. Wi-Fi can be less secure than wired because an intruder does not need a physical connection. These can connect to a network resource such as the Internet via a wireless network access point. Such an access point has a range of about 20 meters (65 feet) indoors and a greater range outdoors.

Mysore University activated the Wi-Fi technology for campus wide access, user can access without any barrier of accessing information through our website in campus and student hostels. User can access e-resources of UGC-Infonet facility.

Screen shot of the campus wide access facility
Provide Lap top to university teaching community

This is the one of best decisions took of Mysore University Honorable Vice Chancellors (Prof V.G.Talwar) because this idea is directly or indirectly help to University academic and Research community. Most of the faculty should be actively incorporated to research and academic activity. University teaching members of Assistant Professors, Associate Professors, Professors, Academicians, Directors, Librarians, Deputy Librarians, and Assistant Librarians, are get the individual lap tops.

EZproxy

EZproxy is a web proxy server used by libraries to give access from outside the library's computer network to restricted-access websites that authenticate users by IP address. The University academic, research scholars and students are registers their name in library and gets ID and Password from the DIRC center, and then they will access our available e-resources through our website. University user can access library patrons at home or elsewhere to log in through their library's EZproxy server and gain access to bibliographic databases and the like to which their library subscribes.

*The first screen shot of off campus wide access*

Indexed and hyperlinked UGC-Infont E-Journals Publisher wise.

University library web site is very informative for any browser. It is very easy to access of e-resources, e-journals, UGC-Infont journals, open access journals, Databases, Thesis, Dissertations; Library subscribed journals and other open access online information’s. Our library website indexed the e-journals and arranged alphabetically for each publisher website addresses. Those publisher websites are hyperlinked and available journals are mentioned. User can easily go to particular publisher web site.
Below table shows all the UGC-Infont provided publisher wise e-journal.

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<thead>
<tr>
<th>MYSORE UNIVERSITY LIBRARY: E-Journals</th>
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<tbody>
<tr>
<td><strong>Browse e-journals:</strong> By Subject Catalog</td>
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<td><strong>Browse e-journals:</strong> By A to Z List</td>
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<tr>
<th>LICENSED</th>
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<tbody>
<tr>
<td>American Chemical Society (37 Titles)</td>
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<tr>
<td>American Institute of Physics (18 Titles)</td>
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<tr>
<td>American Physical Society (10 Titles)</td>
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<tr>
<td>Annual Reviews (33 Titles)</td>
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<tr>
<td>Blackwell - Wiley (908 Titles)</td>
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<tr>
<td>Cambridge University Press (224 Titles)</td>
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<tr>
<td>Economic &amp; Political Weekly (1 Titles)</td>
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<tr>
<td>Elsevier Science (1036 Titles)</td>
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<td>Emerald (LIS Collection) (29 Titles)</td>
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<td>Institute of Physics (46 Titles)</td>
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<tr>
<td>JSTOR (1401 Titles)</td>
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<tr>
<td>Kamla-Raj Enterprises (21 Titles)</td>
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The above table showed science journals Elsevier science publisher cover 1036 titles and Springer Publication 1389 titles are full text journals are available. Humanities and Arts journals available in JSTOR it covers 1401 titles and Cambridge University Press 224 Journal titles are accessible. Not only UGC-
infonet e-journals it is showed and linked our library subscribed Indian Journals SAGE publication of 30 titles and Kamal-Raj Enterprises 21 titles full text journals can accessible.

**Open Access E-Journals**

Mysore university library website some of the open access e-Journals web site are traced and directs to hyper linked web address listed separately. These sites are very relevant to university research scholars, teachers, and student community. Web provides lot of open access journal sites but we can trace the site address a bulk journal accessible address only.

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<tr>
<th>OPEN ACCESS E-JOURNALS</th>
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<tr>
<td>Journal of Digital Information (JoDI)</td>
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<tr>
<td>Journal of Postgraduate Medicine</td>
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<tr>
<td>MediIND</td>
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<tr>
<td>Medknow Publications</td>
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<tr>
<td>Molecular Diversity Preservation International (MDPI)</td>
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<tr>
<td>Public Library of Science (PLoS)</td>
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<tr>
<td>PubMed Central</td>
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<td>Trials</td>
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**Usage statistics of UGC-INFONET E- Resources Publisher wise**

Mysore University library provide all the facility to University academic, research scholar, and student community they are utilized our effort. The UGC INFLIBNET center every year they sent a copy of usage statistics of our university. According to this some of the publisher journals accessed very high in each year’s.

**Springer Publications**

UGC-Infonet consortium subscribed more than 3500 publisher published e-journals. Most of the science e-journals are published International reputed publisher. The Springer is one of the top publishers of science journals. UGC-Infonet subscribed 1389 full text e-journals titles. Our university user utilized the Springer publication journals, every year it grows on. The year 2011 around 23000 times utilized the Springer collection. The graph shows from 2007 to 2011 many of them utilized. The year 2010 to 2011 near 10000 times accessed the Springer journals because in this year we start DIRC center, Wi-Fi, connectivity and other programs are activated.
American Chemical Society Publication

American Chemical Society publication is very much useful to University Chemistry, Environmental Science, Geology, and other applied departments. ACS published several journals but UGC –Infonet provide 37 peers revived full text e-journals. Every year Chemistry department published several articles and research publication is very high. One of the Chemistry departments Professor Yathirajan published around 679 publications. The present Honorable Vice Chancellors Prof. K S Rangappa’s name 423 intellectual assets are published. (based on university library Institutional repository search result). Presently ACS publication Journals accessed in the year 2011 around 9800 times used the ACS journals.
Royal Society of Chemistry Publication

University Chemistry Department produces highest research publication. Royal Society of chemistry published 29 titles full text journals, user can easy to access particular publisher site and get full text journals. University Chemistry Department researcher, academic members and students are utilized RSC. The ERAMS usage statistics shows from 2007 to 2009 average usage but in the year 2010 to 2011 usages is grown up.

Royal Society of Chemistry Publication Usage Graph

Royal Society of Chemistry Publication Usage

2007 850
2008 1000
2009 800
2010 1000
2011 1700

Oxford University Press

Oxford university publication journals are around 206 titles of Economics, Humanities & Arts, Law, Mathematical Science, Physical Science, Medical and Social Science full text Journals are accessible.
Above graph shows the usage of OUP. The year 2007 to 2009 is average members utilized but after the facility provided university library the usage is changed in 2010 to 2011 it’s grown up.

**Taylor & Francis Publication Usage**

UGC-Infonet facility is one of the best services of Indian Universities. TFP published several journals but UGC provided to access 1173 titles. The subjects are covered mainly Social Science, Humanities, and Political Science. Especially it is useful for Humanities, Food Science and Environment Science subject Research Scholar and faculty.
Taylor & Francis publication journal titles are very useful to Humanities department researchers. The usage is yearly grown up but in the year 2011 usage is very low because of humanities department researchers are not aware of this facility because they are newly enrolled the research work.

Mysore University usage not only these publication it also Nature Publication (2011- 1250 times), JSTOR Publication journals (23000 times in 2011 year), Emerald publication journals (6100 times in the year...
2011), Web of Science (in the year 2011, 6200 times) SIAM, Project Muse (3600 times) and Annual Reviews (2400 times) are utilized.

Findings

- The findings of this study most of publisher are western publisher very few Indian publisher are provide e-journals facility.
- Humanities and Arts journals are very less
- Indian institutes are published e-journals that sites also need cover
- Provide Day to day bulletin board facility to user community
- Research output also analyzed

Conclusions

Mysore university research output is according to Intuitional repository uploaded documents showed search result of in the year 2011 around 598 research articles are published. and in the year 2010 around 570 research article are published in National and International peer revived journals and conferences. The famous science database is web of Science it shows University of Mysore research publications published in the year 2011, 305 articles.

This record shows UGC-Infonet e-resources and Library facilities are very much benefited to our university academic and research community.

UGC consortia facility for Indian universities it is one of the best networked libraries are share the information in one window. Each and every university library collection are using properly and avoid duplication of materials in the Indian university libraries. The researcher, Faculty and student community will get any information under consortia it will save the national budget. We are in one shelter and any Indian universities come under in one shelter. In this regard University library should work hard to this level because most of our readers did not get request article from different university library it is not actively respond. Science journals are predominated and Indian journals very few. In view of these UGC INFONET center take step to digitize the Indian journals and uploaded to e-resources portal.

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19. http://eprints.uni-mysore.ac.in/cgi/search/simple?q=rangappa+k+s&_action_search=Search&_action_search=Search&_order=bytitle&basic_srchtpe=ALL&_satisfyall=ALL, retrieved on 19/9/2013