

UNIVERSITY GRANTS COMMISSION  
BAHADUR SHAH ZAFAR MARG  
NEW DELHI –110 002

PROFORMA FOR SUBMISSION OF INFORMATION AT THE TIME OF SENDING THE  
FINAL REPORT OF THE WORK DONE ON THE PROJECT

1. Title of the Project :“Need, Availability and Utilization of Electronic Resources and UGC INFONET Consortia in Universities of Eastern India”
2. NAME AND ADDRESS OF THE PRINCIPAL INVESTIGATOR : **Dr. Bhaskar Karn**  
**Associate Professor, Dept. of CSE, BIT, Mesra, Ranchi – 835 215, Jharkhand**
3. NAME AND ADDRESS OF THE INSTITUTION: **Birla Institute of Technology,**  
**Mesra, Ranchi – 835 2215, Jharkhand**
4. UGC APPROVAL LETTER NO. AND DATE : **F.No. 39-900/2010 (SR) Dated 6**  
**January 2011**
5. DATE OF IMPLEMENTATION : **1.2.2011**
6. TENURE OF THE PROJECT: **3 Years from 1.2.2011 to 31.1.2014**
7. TOTAL GRANT ALLOCATED :**Rs. 5,66,500.00** ✓
8. TOTAL GRANT RECEIVED: **Rs. 3,49,000.00** ✓
9. FINAL EXPENDITURE :**Rs. 1,74,086.00**
10. TITLE OF THE PROJECT: **Need, Availability and Utilization of Electronic**  
**Resources and UGC INFONET Consortia in Universities of Eastern India**
11. OBJECTIVES OF THE PROJECT:

Objectives of the project are to:

- Investigate the satisfaction level of users regarding the use of e-resources and UGC-INFONET programme.
- To study the value of electronic resources in users point of view as well as librarians and libraries point of view.
- Study the existing electronic resources and infrastructure available at University of Eastern Region of India.
- Check whether the training programmes are necessary for the effective and successful utilization of facilities for e-resources and UGC INFONET CONSORTIUM.
- Identify the use, acceptance and impact of UGC-INFONET e-resources.
- Determine the problems faced by the users while using e-resources.
- Ensure whether the uses as well as availability of electronic resources have more utility to meet the information needs of the users, ability to conduct research, improving learning and teaching process.

## 12. WHETHER OBJECTIVES WERE ACHIEVED: (GIVE DETAILS)

1. It is clear from the study, the ratio of male users are about double in the comparison to female users. So we can say that male users are more than female users in this study.
2. The UG/PG students are at top position according to qualification of participant users after that Ph.D. and M. Phil degree holders.
3. According to designation of participants of the study. The students are at top position after that Research Scholar, Assistant Professor, Associate Professor, Professor and others respectively. The science and engineering streams users are in top in this study after that Social science and Humanities.
4. The most of users are aware of electronic/online journals but they do not know about consortia nor aware of the UGC Infonet consortia and thereby do not use.
5. The study shows that most of users prefer print journals in the comparison of online journals.
6. The most of users visit the central library once in a week and very few users show the interest to visit the library daily. So that it is clear, the users are not interested in library. The most sought after methods for finding resources used by users are manual catalogue followed by Online Public Access Catalogue. Some users also need help by library staff and publishers catalogue.
7. For availing the library resources by the universities the availability of necessary ICT infrastructure, computers are there. But Internet and UGC Infonet consortia are not equally available in the universities of eastern India according to user's need.
8. As far as the frequency of use of online journals in a week is concerned, most of the users use 0-5 journals in a week followed by 6-10, 11-15 and very few users are use 16-20 in a week for fulfillment of their need.  
Most of the users of universities in eastern India properly use UGC Infonet consortia
9. Primary use of UGC Infonet consortia is to update oneself. The other purpose of use is teaching and research.
10. The users of universities in eastern India are equally aware of library services like - Online searching, CAS/SDI, Video Conferencing, Electronic Document Delivery Service, E- Learning, E- Resources, E- Commerce. But the users are not aware of online retrieval and Electronic library.
11. Most of the users of universities in eastern India face electricity problem and non-availability of relevant information in UGC Infonet consortia needed by users and do not get assistance from library staff.
12. In some cases the users conversant with the use, sufficient nodes are available in library and UGC Infonet consortia are accessible in central library. Universities have good internet speed and do not have any technical problems for using the UGC Infonet consortia.
13. Most of the users of universities in eastern India are fully satisfied with the services provided by UGC Infonet consortia. Few are partially satisfied and very less number of users is not satisfied with the services of UGC Infonet consortia.
14. The reasons for non-desired use of UGC Infonet consortia is due to the lack of technical knowledge, not having sufficient nodes in every university library in the context of users ratio. Not every library have UGC Infonet consortia. Users are facing lack of relevant information.

15. Almost all resources available through UGC Infonet consortia are equally accessible in all university libraries in the eastern India.
16. Users know and participate in (UEP) User Education Programme. Some users do not know about UEP and not participated.
17. Many problems are faced by users during (UOP) User Orientation Program such as the time of UOP is less and it is not practical, the numbers of participants are too much from different background so that it is not sufficient for fulfillment of users need.

### 13. ACHIEVEMENTS FROM THE PROJECT:

The present study, Impact of UGC Infonet e- resources consortia on the users of universities in eastern India is an evaluative study of the use of UGC Infonet consortia, availability of UGC Infonet consortia, and users' awareness about UGC Infonet consortia. Whereas the technology and network that assist the mechanism with an organized set up, India's effort to cope up with new forms of communication has recognized with UGC Infonet e - journals consortium. UGC Infonet e-journals consortia are made available to the university libraries in eastern India whereby the students, teachers and researchers can access information by downloading the information. Inlibnet makes available current as well as archival access to core and peer-reviewed journals and bibliographic databases from publishers and aggregators in different disciplines.

The programme has been implemented in phased manner. The present universities of eastern India have been provided differential access to subscribed e-resources. These resources covers almost all subjects including arts, humanities, social sciences, physical sciences, chemical Sciences, life sciences, computer sciences, mathematics and statistics, etc. The programme is fully funded by the UGC and executed by the Inlibnet Centre, Ahmedabad. Getting the solution of taken problems impact of UGC Infonet consortia on the universities of eastern India is applied to Chi Square test for hypothesis testing.

The study has found that the users are well aware about online journals but not sure about UGC Infonet consortia. They use it for fulfillment of their scholarly and professional need. The universities of eastern India are providing the UGC Infonet consortia to its users and also possible Information Communication Technology (ICT) infrastructure for availing the necessary services. User Education Programme also needed but it is not capable to fulfill the users need.

### 14. SUMMARY OF THE FINDINGS : ( IN 500 WORDS )

The study has proved that the users are well aware about online journals but not sure about UGC Infonet consortia. They use it for fulfillment of their scholarly and professional need. The universities of eastern India are providing the UGC Infonet consortia to its users and it is possible through Information Communication Technology (ICT) infrastructure for availing the necessary services and accesses the resources. User Education Programmes required, but it is not capable to fulfil users need.

If we compare among state in context of user's awareness, availability of electronic resources and necessary infrastructure to provide the services to users the status is clear from the study. Over all first rank is West Bengal followed by Bihar, Jharkhand and Odisha.

With an increase in research outcomes of education are crucial to understand things around, Infonet enhance education. Infonet e-journals consortia offer a well-timed opportunity to discuss, explore, evaluate and understand developments in the critical way.

15. CONTRIBUTION TO THE SOCIETY ( GIVE DETAILS )

The study has shown that the users are well aware about Electronic resources but they do not know about UGC Infonet consortia and any other consortia.

Availing the essential facilities of UGC Infonet consortia the universities eastern India not have the sufficient Infrastructures except computers.

The users of universities in eastern India are fully aware of online library services.

Most of the users of the universities of eastern India use the UGC Infonet consortia for teaching, research and update one.

The findings show that most of the universities of eastern India provide the access of UGC Infonet consortia to it users for fulfillment of their needs.

The result has shown the most of users are satisfied but many users are not satisfied with the services of UGC Infonet consortia.

The study has shown that users need the User Education Program for the better use of UGC Infonet consortia.

16. WHETHER ANY PH.D. ENROLLED/PRODUCED OUT OF THE PROJECT:

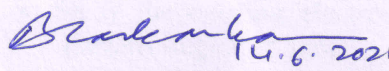
Ph.D. was produced

Thesis entitled "Impact of U.G.C. Infonet EResources Consortia on the Users of Universities in Eastern India: A study" by Mr. Bal Ram,

17. NO. OF PUBLICATIONS OUT OF THE PROJECT ( PLEASE ATTACH)

[1] Bal Ram, & Karn, Bhaskar (2014) "Exploring the UGC Infonet Eresources consortia on the universities library in India with special reference to Jharkhand: A study". International Journal of Applied Engineering Research. Vol. 9, No.24. p. 26535-26552 [Indexed in Scopus] ISSN 0973-4562

[2] Bal Ram and Karn, Bhaskar (2012) "Use and awareness of U.G.C infonet consortia on the users of Ranchi University Ranchi in the region of Eastern India: a study". International Journal of Scientific Research. Vol.1, Issue 7,p 91-93.

  
( PRINCIPAL INVESTIGATOR )

  
(REGISTRAR/PRINCIPAL)  
Registrar  
Department of Technology  
Mesra: Ranchi

(CO – INVESTIGATOR)