

Status of Online resources in Selected Deemed University Libraries in Andhra Pradesh

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ABSTRACT

The role of online resources in the library for the higher education and research in engineering, science and technology has a prominent preference in the current world. Each university has a well equipped resourced central library to hold up the academic and research activities. The paper focuses on the study of online resources in selected Deemed University libraries of Andhra Pradesh, India. The study is an attempt to present comprehensive and up to date information about the number of online resources subscribed and number of online resources available in the university libraries. Based upon the findings, it is suggested that is need to strengthen the services affecting online resources are have been given.

Keywords: Academic Libraries, Deemed University Libraries, Online Resources.

1. INTRODUCTION

An Institution of Higher Education, working at a very high standard can be declared by the central Government on the advice of the UGC as an Institution 'Deemed -to-be-University'. Institutions that are 'Deemed-to-be-university' enjoy academic status and privileges of a university. These 'Deemed-to-be-University' Institutions have expanded the base of higher education in the country and are offering education and research facilities in various disciplines such as Medical Education, Physical education, Fisheries education, Languages, Social Sciences, Population Sciences, Dairy Research, Forest Research, Armament Technology, Maritime Education, Yoga, Music and Information Technology, etc.

2. MAIN OBJECTIVES OF THE PAPER

- To find out how many online resources are available in Deemed University libraries
- Find out what type of online databases subscribed Deemed university libraries.

3. NARRATION OF UNIVERSITIES

GITAM Institute of Technology and Management (GITAM) (a deemed to be university u/s 3 of the UGC Act, 1956) known as GITAM University is an educational institution in India. It was previously GITAM Institute of Technology and Management (GITAM) (a deemed to be university u/s 3 of the UGC Act,(1956) known as GITAM College, affiliated to Andhra University. Established in 1980, it was conferred the status of deemed university in 2007. It was the first private engineering institute in Andhra Pradesh to receive university status. The University has three picturesque campuses, it is main campus Visakhapatnam spreads over 100 acres, and the other two campuses are at Hyderabad and Bangalore. The University offers 109 programs at undergraduate, post graduate and Doctoral levels in Technology, Pharmacy, Science, Management, International Business, Architecture and Law with an intake of approximately 10000 students⁶ campuses, it is main campus Visakhapatnam spreads over 100 acres, and the other two campuses are at Hyderabad and Bangalore. The University offers 109 programs at undergraduate, post graduate and Doctoral levels in Technology, Pharmacy, Science, Management, International Business, Architecture and Law with an intake of approximately 10000 students .Technology, Pharmacy, Science, Management, International

Business, Architecture and Law with an intake of approximately 10000 students ⁷

K L University, Officially the Koneru Lakshmaiah Educational Foundation, is a deemed university located in the Vaddeswaram Guntur District of Andhra Pradesh, India. K L University consists of 11 academic departments and six schools, with a strong emphasis on scientific and technological research. Approximately 10000 students Established in 1980, the college became Autonomous in the year 2006 and from 2009

onwards it has become Deemed to be University located at on a 100 acres ⁸

Vignan University (VU) is located in the Guntur district, Andhra Pradesh. The institution was established as Vignan Engineering College in 1997 and was affiliated to Jawaharlal Nehru Technological University, Hyderabad as a part of the Vignan Foundation for science, Education & Research. It was conferred the status of a Deemed University by the University Grant Commission, Government of India in 2008 and was renamed Vignan University. It is funded by Vignan Group 11 academic and 7000 students ⁹.

3.1 Table for brief description of universities

Sl. No	Name of the university	Approval	Website Address	Year of establishment institution	Year of to be deemed university	Abbreviation
1.	GITAM University, Visakhapatnam, Andhra Pradesh	UGC, AICTE, NAAC	www.gitam.edu	1980	2007	GITAM
2.	K L University, Vaddeswaram, Guntur District of Andhra Pradesh, India	UGC, AICTE, NAAC, ISO 9001:2008	www.kluniversity.in	1980	2009	KLU
3.	Vignan University, Guntur district, Andhra Pradesh	UGC, AICTE, NAAC & NBA, ISO 9001:2000	www.vignanuniversity.org	1997	2008	VU

4. DETAILED DESCRIPTION OF AVAILABILITY OF RESOURCES

Online resources gained popularity in the decade of 20th century. In early 1970s Information system for libraries were build around mini and mainframe computer providing remote access and online search and retrieval services to users. As the Internet began to grow several library catalogues with their web interfaces, started appearing on the net which could be accessed remotely from anywhere in the world.

Creation of online bibliographic databases was another land mark in the library. Sophisticated

online databases were build during 1970s and 1980s using state-of-the art technology of distributed database management system linking different remote systems using data files generated in the process of electronic photo typesetting of printed abstracting and indexing services and other primary journals

Prior to WWW the beginning of full text digital library evolved building up several client systems usable in a multitude of environment. In 1990s revolution in network based digital services. Present WIFI is major revolution.

4.1 Types of online resources

The online resources are basically divided in two major types are:

- I. Online resources
 - a. E-journals (full text & bibliographic)
 - b. E-books
 - c. Online databases
 - d. Websites
- II. Other electronic resources may include;
 - a. CD Roms
 - b. Diskettes
 - c. Other portable computer databases

4.2 Advantages of Online resources

The reasons for actually embarking on the purchasing of electronic resources are generally accepted because of the ease of usability,

readability, affordability and accessibility. The following are the advantages of e-resources over the print media.

- a. Multi access
- b. Speed
- c. Functionality
- d. Content

5. Methodology

The study is covers three deemed University libraries GITAM University, Vignan University and KL University located in Andhra Pradesh, India.

5.1 Analysis of Available Online resources

Table 2. On-line resources subscribed in the university libraries

Online resources	GITAM	KL	VU
IEEE (Institution of Electrical and Electronics Engineers)	✓	✓	✓
ASCE(American Society of civil Engineer)	✓	✓	✓
ASME(American Society of Mechanical Engineer)	✓	✓	✓
ASTM(American Society for Testing and Materials)	✓	✓	x
Science direct	✓	✓	x
EBSCO	✓	✓	✓
PROQUEST	✓	x	x
Springer	✓	✓	✓
Emerald	✓	x	x
ACM Digital Library	✓	✓	✓
SCOPUS	✓	✓	x
Taylor & Francis	✓	x	x
J-gate	✓	✓	✓
Nature	✓	x	x
American Chemical Society	✓	x	x
American Institutes of Physics	✓	x	x
JSTOR	✓	x	x
FOCUS Goal	✓	x	x
SRMO(SAGE Research methods)	✓	x	x
Oxford University press	✓	x	x
Cambridge University Press	✓	x	x
JCCC	✓	x	x

Here 7 electronic sources were subscribed by 3 universities, remaining electronic resources were subscribe their own requirement. GITAM University

Have subscribed more electronic resources, its covers all electronic resources. Vignan University subscribed IEEE, Springer, Ebsco, ASME, ASTM, Science

direct, ASCE, J-gate, SONET Videos and NPTL Videos. The K.L University subscribed IEEE, Springer, Ebsco, ASME, ASCE, SCOPUS, McGraw hill, STM, CMIE Prowess, Knimbus Federal Search, Gale Cengage learning Architecture (GREENR), Maupatra, Lexis India, SONET Videos, NPTL Videos, MIT, Lensoo and IUCEE Videos. The Three University libraries have membership of INFLIBNET and DELNET.

6. Suggestions

The following suggestions are put forward to improve the library services in Andhra Pradesh

The Deemed University libraries should provide more electronic resources for teaching and academic purpose, number of online resources are available in society, the university management support to librarians to purchase of electronic databases. The Deemed University should maintain separate library portal in their University website. Librarians should provide training to faculty and students, how to access online resources, how to maintain online resources on websites.

7. LITERATURE REVIEW

Veelana A. Prakashe and Sapana Tayde¹ ‘Study of E-resources of Indian Institute of Management (IIM) Libraries in India. The main objective is to determine the availability of different types of e-resources, viz, subscribed e-resources through consortium, memberships of library networks and collaboration with libraries. Daulat Jotwani² describes role of the Indian Institute of Technology (IITs) in Higher education and research in engineering, science and technology in the country. He studies functioning, the resources and the services of libraries. M. Madhusudhan and V. Nagabhusanam³ studied use of web-based library services in selected University libraries in India: a study. The paper highlights the current state of web-based library services against which they can benchmark their own web-based library services by university librarians in India. Md. Sohail and Anleeb Alvi⁴ studied Use of resources by Medical Science Students of Aligarh Muslim University. The paper describes the use of web resources by the students of Medical Science at Aligarh Muslim University, India. Lakshmikant Mishra and Jyothi Mishra⁵ Studies their paper ICT Resources and services in University Libraries. ICT is significant to the libraries to achieve its goals for management of information, effective services.

8. Conclusion

The aim of this paper to present the functionality and services of libraries contributed towards academic and research. The analysis results that the 3 Deemed Universities of Andhra Pradesh have separate library buildings and maintain good collection and good electronic resources. To conclude paper the electronic resources are available in different types and the study found only e-journals, databases and CDs/DVDs with books were accessible in all studied libraries. This comparative study of libraries helps to find the strengths and weakness but also will serve to launch new techniques like web 2.0 to make their home page and web OPACs for communication.

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