

# Use of E-Learning Resources in Engineering College Libraries affiliated JNTU-Kakinada

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# INTRODUCTION

- ▶ The importance and concept of E-resources in libraries is mentioned. About 12 NBA accredited engineering college libraries are selected. The awareness of e-learning resources and the opinions of respondents on variable like NPTEL Video Courses, LAN Courses, Book CD's, Journal/Magazine CD's and Old Question papers are analyzed

# Concept of E-Resources

- ▶ Information technology has changed the world and acts as the important tool for retrieving information. Now a day, library collections are not limited to printed document but also electronic resources.
- ▶ Electronic resources have become the vital part of human life in 21st century.
- ▶ The availability of scholarly publications through electronic medium or internet has a greater impact on information requirements of the researcher.

# Cont...

- ▶ Now a days, majority of the print and Electronic scholarly publishers and information disseminators increasingly act globally to produce e-information includes full text database of journals, books, patents, standards or technical report, dissertations, theses, annual report etc of a particular publisher or a group of publishers.

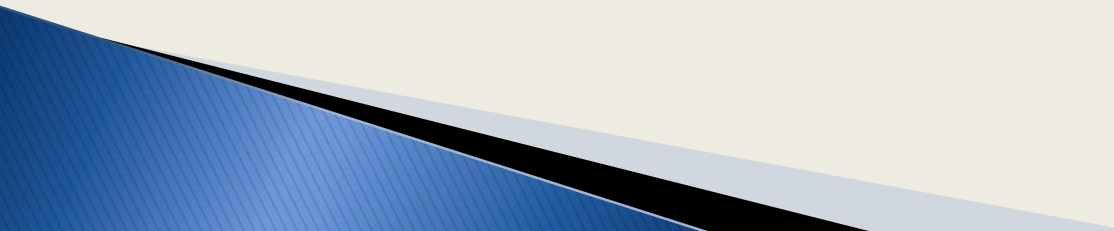
# Need of Electronic resources

- ▶ If libraries are not changed accordingly they will not get the benefit of globalization. So there is great need of globalization in libraries to provide maximum information to its users .By just pressing simply a button on keyboard, we can tell our user about the latest information available in his field.
- ▶ Electronic resources are very useful in changing habits of writers and readers .
- ▶ It is also helpful in changing the pattern of serving the library users

# Methodology

- ▶ To conduct the survey on engineering college libraries, the list of Engineering College libraries affiliated to JNTU– Kakinada is obtained. As per the information obtained, there are 51 Engineering Colleges affiliated to JNTU – Kakinada (2005). And out of them 12 engineering colleges are selected for the present study. Due importance is given to NBA accredited and established Engineering College Libraries.

# Types of Learning Resources

- ▶ NPTEL Video Courses
  - ▶ LAN Courses
  - ▶ Book CD's
  - ▶ Journal/Magazine CD's
  - ▶ Old Question papers
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# Awareness of different Learning Resources available in the library

- ▶ Awareness about different learning resources available in the library is reported by about 74% of the respondents and the remaining 26% are not having any idea about the different learning resources.



# Awareness of different services helpful for Learning

- ▶ Awareness of 'NPTEL Video Courses' is reported by 57% and knowledge of the same by 50% while 49% reported use of the same. Only 32% are aware of 'LAN Courses' and 30% reported knowledge of the same while use of it is reported by 28%.

# Awareness of different services helpful for Learning by selected background variables

- ▶ **NPTEL Video Courses** : Awareness ranged 27 Vishnu Engineering College to 79 in GEC Engineering College. Knowledge levels ranged from 14% in Vignan Engineering College to 69% in GEC and Aditya\_E while the percentage reporting Use ranged from 11 Vignan Engineering College to 64 in GEC Engineering College.

# LAN Courses

- ▶ There is wide variation in these responses among the 12 colleges covered. The percentage reporting awareness ranged from 2 in MVGR Engineering College to 76 in GMR Engineering College. Knowledge levels ranged from 1% in MVGR Engineering College to 73% in GMR Engineering Colleges while the percentage reporting Use ranged from 1 in MVGR Engineering College to 69 in GMR Engineering College.

# Book CDs

- ▶ There is wide variation in these responses among the 12 colleges covered. The percentage reporting awareness ranged from 52 in GMR Engineering College to 89 in Vasavi Engineering College. Knowledge levels ranged from 33% in Vignan Engineering College to 85% in Vasavi Engineering Colleges while the percentage reporting Use ranged from 26 in Vignan Engineering College to 71 in VRS & YRN Engineering College.

# Journal / Magazine CDs

- ▶ The percentage reporting awareness of the journal / magazine CDs ranged from 56 in Aditya\_E to 93 in Vasavi Engineering College. Knowledge levels ranged from 36% in Vignan Engineering College to 92% in Vasavi Engineering Colleges while the percentage reporting Use ranged from 35 in Vignan Engineering College to 91 in Vasavi Engineering College.

# Old Question Papers

- ▶ The percentage reporting awareness of the old question papers ranged from 56 in Aditya\_E to 99 in MVGR Engineering College. Knowledge levels ranged from 54% in Aditya\_E to 95% in MVGR Engineering Colleges while the percentage reporting Use ranged from 35 in Aditya\_E to 94 in MVGR Engineering College.

# Conclusions

- ▶ It is found that female respondents, older age group and PG students reported more their awareness on learning resources available in libraries.
- ▶ It is found that more respondents reported their awareness, knowledge and use on old question paper database followed by Journal/magazine CDs, Book CDs and NPTEL video courses.

# Contd...

- ▶ The awareness, knowledge and use on NPTEL video courses is reported more by male students, older age group and PG students.
- ▶ It is stated that NPTEL video courses offer a variety of knowledge on different branches of engineering and useful for their academic pursuits. So, it is necessary to train the users in such colleges on priority basis.



# Contd...

- ▶ Emphasis to be given in the forth coming Information Literacy Programmes
- ▶ The usage of Book CDs and journal/magazine CDs is promising in all variables.

THANK YOU