EFFECTIVE TEACHING AND LEARNING OF THROUGH AUDIO - VISUAL RESOURCES (AVR) IN GADCHIROLI STATE UNIVERSITY LIBRARY

Prof. Tikaram D. Samrit
Librarian
Late Nirdhan Patil Waghaye College Ekodi
Ta. Sakoli Dist. Bhandara
Email ID - tikaramsamrit@gmail.com

Research Guide
Dr. Yogesh Kumar Atri
OPJS University, Churu, Rajasthan

Abstract:

The study adopted a descriptive survey design, with a population of 2,200 a random sampling technique was adopted to sample 80 library users cutting across undergraduates, postgraduates, staff and researchers in gadchiroli state University. A structured questionnaire was used to gather data for the study. 75 copies of the instrument were returned and found valid for analysis. Data was analysed using descriptive statistics of frequency distribution, percentages and mean scores. The findings showed that although the library had some audio-visual resources but recorded a low usage. This could be because the library did not put up enough strategies to promote usage. It was therefore recommended that the library should be committed to collecting audio visual resources, creating awareness and training users on usage.

Keyword: Effective, teaching and learning, audio-visual resources, State University Library

----

Introduction:

Library as an integral part of the developmental strides in nation building through effective teaching and learning processes, must keep pace with the ever-changing environment. To do this, libraries must apply every necessary tool needed to sustain and remain relevant. It is trite to note the vast opportunities ICT has brought to the society not taking advantage is being handicapped. Hearing and seeing can never be same as just hearing or just seeing, a combination of both consolidates memory. Audio-visual resources which provide both visual and aural aid should be used by libraries especially those attached to institutions of higher learning to complement and enhance teaching and learning.

E-Content Conversion Services: This service which formats and converts course content into digital format, apply sound instructional design principles to course content, build graphics, interactions and assessments, is imperative in creating a better atmosphere of teaching and learning.

Mobile App: This is the latest and the greatest and trendy which includes a completely improved and overhauled mobile application for increased performance. If there is a need to allow students to take learning on the go from their mobile devices, then they will want to consider adding access to the mobile app. Content support like lectora online responsive

courses, shareable content object reference model, MP4 Video, MP3 audio, PDF documents are indispensable audio-visual materials an e-learning environment.

The Use of Audio-Visual Resources (AVR): Its Potentials in Teaching and Learning The use of instructional materials like audio, makes teaching and learning easy and interesting. Audio could be music, speech or any other sound that the computer converts from analog sound/waves into a digital format. Sound helps in providing an additional element to multimedia. This is because there are times when it is important to let users hear the actual sound or sounds from a person or event. The advent of instructional multimedia technologies in education has brought a lasting effect on the classroom teaching-learning situation and beyond. Such technological breakthroughs, which include all networked and non-networked; projected and non-projected, visual, auditory, and audio-visual electronic resources are important landmarks in knowledge transfer which as well has the potential to transform library and information science education in Maharashtra.

Assist in Real-time Distance Learning Platform: The use of audio-visual materials in education is a great support for real time/life interactions, online meeting, on-line presentation, online courses, online training, interactive e-courses, video, images, conference information, evaluation tests and quizzes etc. They allow for all lectures going on at institutions to go real-time on portal such that institutions can train students located in any part of the world.

Virtual Classrooms: Integrated with Learning Platform: In an integrated classrooms audio visual materials support live Audio-Video session, recording option, option for lecturers to share the course materials and screens, multi-level fall back mechanism, live tech support and other audio-visual aids.

Statement of the problem :

The development and widespread of Information and Communication Technologies (ICT) has impacted tremendously to the society and also changed the mode of teaching and learning as well as services delivery. University libraries have it as a duty to support the teaching and learning by providing instructional facilities that will facilitate and support its parent's institutions. "The study therefore sought to survey the role university library plays in effective teaching and learning through audio visual resources".

Objectives of the study: The main objective of the study is to determine the role State University library play in effective teaching and learning through audio visual resources in the specific objectives are to:

1. Identify the type of audio-visual resources available in gadchiroli state University Library
2. Ascertain the extent of utilization of audio visual in gadchiroli state University Library
3. Find out the perception of using audio visual resources in gadchiroli state University Library
4. Determine the challenges in using audio visual resources in gadchiroli state University Library

5. Unravel the strategies adopted by library to increase the use of AVM among students in gadchiroli state University Library

Review of Related Literature:

1. Mnajama (2010) studied audio visual collections held by different government institutions.

2. Wisdom (2018) studied multimedia instructional resources for effective user education programme in universities in North-Central.

3. Ghulam, Khuram, Naqvi and Nadeem (2015) surveyed impact of visual aids in effective the learning process in Dera Ghazi Khan. The research explored the teacher's opinions on the use of visual aids (e.g., pictures, animation videos, projectors and films) as a motivational tool in effective students' attention in reading literary texts. To accomplish the aim of the research, the closed ended questionnaire was used to collect the required data.

4. Heaven (2018) studied impact of audio-visual aids in teaching learning process. A qualitative action research design study was conducted to assess post-basic BSc nursing student's (N=25) attitude regarding use of AV Aids in teaching and learning process by using purposive sampling technique. Self-Structured checklist was used to assess the attitude of post-basic BSc nursing students. The findings of the study revealed that majority of the nursing students had positive attitude towards use of AV aids

Methodology:

The study adopted a descriptive survey design, with a population of 2,200 a random sampling technique was adopted to sample 80 library users cutting across undergraduates, postgraduates, staff and researchers in gadchiroli state University. A structured questionnaire was used to gather data for the study. 75 copies of the instrument were returned and found valid for analysis. Data was analysed using descriptive statistics of frequency distribution, percentages and mean scores The computation of the questions using percentages were carried out using the percentage formula: $N \times 100$ P Where N = number of respondents P = total population of study. Using the four-point likert scale of: High Usage (HU) & Strongly Agree (SA) = 4points; Usage (U) & Agree (A) = 3points;

Low Usage (LU) & Disagree (D) = 2points and No Usage (NU) & Strongly Disagree (SD) =1point. The mean was be calculated as: $4 + 3 + 2 + 1 = 10 = 2.50$

Decision Rule: Based on the mean of 2.50, the decision was that any item with a mean of 2.50 and above was accepted while any item with a mean below 2.50 was rejected.

Conclusion : The university environment has been significantly influenced by the advent and the proliferation of Information and Communication Technologies (ICTs) from which audio-visual technologies emerged. Audio visual resources have become a formidable to that facilitate and ease teaching and learning especially in this era of e-learning and blended learning. University libraries being those attached to institutions of higher learning to support teaching and learning have a role to play in education by providing audio visual resources in

the library that could attract and support users of the 21st century. The study which investigated the role of the university library in promoting teaching and learning through audio visual resources has shown that, although. State University Library has a collection of audio-visual resources but were used to a low extent. This is not unconnected with inadequate steps to promote usage.

Recommendations :

Based on the findings of the study, it was recommended that:

1. State University Library should be committed to acquiring audio visual resources to promote teaching and learning.
2. State University Library should create awareness to inform users of the available and newly acquired audio visual resources to encourage usage.
3. Training and retraining of library staff and users on the use of audio-visual resources should be a matter of necessity.
4. the university management should provide funding for the acquisition and management of audio-visual resource

References:

- ACRL (2018) Guidelines for media resources in academic libraries: Revision. Retrieved May 15, 2019.
- Bent, B.A. & Brink, K.V.D (2013). Multimedia in education curriculum. Moscow: UNESCO Institute for Information Technologies in Education.
- Heaven, D. (2018) Impact of audio-visual aids in teaching and learning process. Retrieved May 15, 2019 from www.researchgate.net › publication › 322577688_Impact_of_Audio_V
- Mnjama, N. (2010) Preservation and management of audiovisual archives in Botswana African Journal of Library, Archives and Information Science, 20(2), 139-148
- Wisdom, O.A. (2018) Multimedia instructional resources for effective library user education programme in universities in North-Central. Library Philosophy and Practice Retrieved February 22, 2020
- Mensah, M., Adjei, E. & Adams, M. (2017) Keeping our story: Preservation of audio-visual archives in Ghana. Library Philosophy and Practice (e-journal). 1564. Retrieved February 22, 20