

A STUDY OF USING E-RESOURCES BY RESEARCH SCHOLARS IN SELECTED INSTITUTIONS OF SOUTHERN TAMILNADU: RESEARCH METHODOLOGY

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Abstract

Purpose: *In this paper, the philosophical position of the scientist is investigated which will explain the purposes behind the decision approach utilized in this examination. In this way, the principal motivation behind this paper is to exhibit the examination approach and techniques utilized in this investigation to respond to the exploration questions and to accomplish the examination objective.*

Design / Methodology/ Approach: *Research Design is a groundbreaking strategy indicating the strategies and methodology controlling the specialist to gather their information and investigation their exploration. The most widely recognized research structures that analysts consistently use are exploratory, expressive, and easygoing. In the present investigation, a graphic and quantitative examination is utilized as a reason the examination to get and break down the information. Research Limitations: The example was chosen from six regions of South Tamil Nadu, which incorporates Madurai, Dindigul, Kanyakumari, Sivagangai, Tirunelveli, and Virudhunagar. Hence a decent example is a smaller than normal rendition of the populace and a great example configuration includes the accompanying: Sample Unit, Sample Size, Sampling Technique and Originality / Value. The polls were dispersed to examine researchers during 2015-2016. Information sources are named being either essential sources or auxiliary sources. A source is essential if the information gatherer is the one utilizing the information for the investigation. A source is optional if one association or individual has accumulated information to be utilized by another association or person. Both essential and optional information has been gathered in this exploration.*

Keywords:

E-Resources, Primary Data, Secondary Data, Southern Tamil Nadu, Sample Size, Sample Unit, Sample Techniques

1. INTRODUCTION

The Research philosophy is the precise technique/process of managing recognizing the issue, gathering realities or information, examining this information, and arriving at a specific resolution either as arrangements towards the issue concerned or certain speculation for some hypothetical detailing. Additionally, a look into philosophy depicts the strategies utilized to accumulate the information and examined it by going with the examination configuration, inspecting strategy, estimation and instrumentation, information gathering, calculated system, and data investigation. It additionally involved various elective approaches and interrelated and as often as possible covered techniques and practices. Since there are numerous parts of the research system, the line of activity must be looked over an assortment of choices. The decision of reasonable technique can be touched base at through appraisal of the targets and examination of different options.

The openness of e-assets in the school library is customary today. In any enlightening establishment, the library expects an imperative part of the exploration. The term e-library suggests the information got to through electronic sources, for example, the

web. Information development expects a key part of the colossal changes in the library. To get to information open on the web at whatever point. E-assets are the assets that join reports in electronic or e-sort out that can be gotten to by the web. Electronic media has given various potential results for giving information at the overall level. E-assets have the arrangement of different record outlines. "Electronic Resources" suggest the materials that can be gotten to, through a PC, unified PC, or handheld phone.

The Developments in Information and Communication Technology (ICT) have rolled out viewpoint improvement in the way in which information is accumulated, secured, recouped and scattered Computer interceded correspondence has transformed into an important part of the overall population. This forces libraries to show various new organizations, either by changing overgrowing existing organizations into e-organizations or executing new organizations for the chase, transport, and usage of information. Such new or changed-over organizations consolidate online transport, portals, redid organizations, web demonstrating modules, online reference, digitized collections, or electronic circulated.

The customer attitude towards information is constantly moving from printed files to electronic assets and along these lines, it has been their benefit being utilized of e-assets, for instance, e-journals, online journals, e-databases, Electronic Thesis and Dissertations (ETDs), government preparations, online day by day papers, et cetera. In libraries and information centers, E-assets pass on the potential vitality to manufacture the learning opportunities offered to understudies particularly, the savvy and intuitive media segments given by the electronic medium can offer a variety of learning than those offered by the substance on paper.

2. STATEMENT OF THE PROBLEM

Research scholars of different fields use e-assets for inquiries. The study affirmed that examination scholars know about e-assets and different sorts of e-assets, e-database, and e-journals. The present study has been embraced to answer what is the effect of e-assets. What are the issues in getting to e-assets and distinguishing the answers for the issues and effects of e-assets accessible in chosen organizations of southern Tamil Nadu?

Supporting research and learning exercises turns into a noteworthy mission for scholastic libraries. Lately, scholarly libraries face weights like decreased spending plans, expanded benefactor requests, and increasing expenses for book buys and periodical memberships. The flourishing development of electronic distributions is reshaping the way of accumulations and the method of conveying and getting to data in libraries. Conventional print assets these days face challenges from their electronic partners in a speedier and auspicious conveyance of data and additionally in enhanced access. Among different assets

for learning, staff and understudies all through the world can recover unlimited volumes of data from everywhere throughout the globe with a limited ability to focus time.

3. OBJECTIVES OF THE STUDY

The significant destinations of the examination are: 1) To examine the connection between the socioeconomics of the exploration researchers and the research researcher's use of e-assets in chosen organizations of southern Tamilnadu. 2) To discover the various classes of data access from web/web assets. 3) To recognize and examine the particular factors that advance or block the utilization of e-assets. 4) To investigate the fulfillment level of clients regarding infrastructure to help the entrance of e-assets. 5) To investigate the degree of fulfillment of clients about accessibility and inclusion of e-assets. 6) To examine the favored organization, the consciousness of clients about accessible e-assets, and inspect the use of e-assets. 7) To know the ampleness of data in computerized assets and issues looked at by the exploration researchers in getting to.

4. SAMPLE DESIGN

The populace included research researchers, as characterized in comparative examinations [2]. In any case, in the vast majority of the examination contemplates, it turned out to be practically difficult to look at the universe: the main elective, therefore, is to depend on inspecting. The present investigation is additionally of a similar sort. An example is taken from the objective populace being looked into. An example is a piece of the populace, which is contemplated to make derivations about the entire populace. On the off chance that the example is satisfactory, it will have similar attributes to the populace [3], and the discoveries are normally used to make decisions about the populace.

Therefore, a decent example is a smaller than expected variant of the populace and a great example configuration includes the accompanying:

- Sample Unit
- Sampling Technique
- Sample Size

4.1 TEST UNIT

Since the target of the present examination is to dissect the utilization of e-assets by the exploration researchers in chosen establishments of southern Tamil Nadu: Research researchers in chosen foundations of southern Tamil Nadu are taken as the example unit.

4.2 INSPECTING TECHNIQUE

Inspecting strategies are techniques used to choose an example from the populace by lessening it to a progressively sensible size [4]. As per Csikszentmihalyi et al. [5], these inspecting procedures are utilized when surmisings are made about the objective populace. In the present investigation, Convenient Sampling was utilized for the choice of respondents from research researchers in chosen establishments of southern Tamil Nadu.

4.3 TEST SIZE

To guarantee the required example size and to take into account the probability of ruined polls, prepared research aides focused on 900 research researchers. Based on Convenient Sampling, the absolute number of respondents turned out in 721. Out of the 900 respondents, 721 surveys were gotten at a reaction pace of 80 percent, which is that the reaction rate is higher than the reaction pace as far as possible to guarantee the legitimacy of the information [6].

5. WELLSPRINGS OF DATA COLLECTION

Information sources are delegated being either essential sources or auxiliary sources. A source is essential if the information gatherer is the one utilizing the information for the investigation. A source is optional on the off chance that one association or individual has incorporated information to be utilized by another association or person. Both essential and optional information has been gathered in this examination. Auxiliary information has been gathered from distributed proposal works, unpublished proposition works, sites, look into articles, and diaries. On the opposite side, the essential information was gathered by methods for an organized, exhaustive survey that was created by the scientist dependent on the writing audit on the pertinent themes.

The surveys were circulated to look by researchers during 2015-2016. The examination aides clarified the intentional idea of the study to the chiefs of print media, guaranteed them the secrecy of their reactions, and guided them to do not hesitate to quit whenever. They gave every respondent a duplicate of the survey, clarified how the poll was to be rounded out, and gathered the finished polls. Some exploration researchers were given a month as they were occupied with their very own timetables and the overwhelming outstanding task at hand and were gathered by the partners with a nonstop following up. This took into consideration adequate time to top off the survey without meddling with their work. Asking research researchers to finish a poll at the hour of overview allows them to focus on the measurements while noting the survey.

6. SCALE AND MEASUREMENT

The poll is an accumulation of composed inquiries, which is organized putting all the basic factors for the examination and can be finished by the respondents in nearness, in nonattendance, legitimately, or in a roundabout way. The inquiries in a poll are the way to the overview explore. Hence, they should be created with alerts and be crucial to the overview. Likewise, the survey needs to keep short, or else it would terrify the respondents. Fowler and Cosenza [7] give various rules in regards to a poll.

- Ensure questions are without inclination
- Make the inquiries as basic as could be allowed
- Make the inquiries unmistakable
- Avoid language or shorthand
- Steer clear of refined or exceptional words
- Use reaction band
- Ensure that the fixed reactions do not cover

- Allow for “other people” in fixed reaction questions.

It is terrible to utilize open-finished inquiries in self – consumption reviews because the appropriate responses would be deficient and be run-of-the-mill. Normally, close-finished inquiries are utilizing numbers, yes/no, or different decisions [8]. One fundamental favorable position of utilizing close-finished inquiries in a poll is that they are pre-coded. This sort of inquiry suits mythical person origination polls since they spare the respondent's time writing the appropriate responses. Likewise, as there are a lot of answers known heretofore, the scientist can spare a great deal of time in the information section and examination at a later organize. Subsequently, all inquiries in the survey of this investigation are close–finished inquiries, in which the respondents are solicited to pick between numbers from elective answers [9].

In this exploration study, a well-organized survey was engaged finding the utilization of e-assets by the examination researchers in chosen establishments of southern Tamil Nadu that incorporates statistic information, web reason, the motivation behind utilizing the library, program use, web index use, strategy for gaining learning on e-assets, database use, e-assets got to in the library, the motivation behind utilizing e-assets, e-assets download groups, search choices in getting to the e-assets, advantages of e-assets on scholastic effectiveness, advantages of e-diaries over ordinary diaries, fulfillment about the nature of e-assets and administrations accessible and issues with use e-assets. The survey utilized in the present investigation comprised 9 areas.

The scientist utilized a 5-point scale for the examination. Along these lines, all announcements utilized a five-point scale since it would give a superior ordinary spread of perceptions. So every one of the things in the said measurements was joined by a five-point scale running from 1(= amazingly not likely) to 5 (=extremely likely) for estimating the utilization of e-assets by the examination researchers in chosen foundations of southern Tamil Nadu.

7. VALIDITY AND RELIABILITY STATISTICS

The nature of the estimation model can be tried using corroborative factor investigation [10]. As per Hair et al. [11] corroborative factor investigations empower us to test how well the deliberate factors speak to the development or to test our estimation hypothesis. An estimation model which portrays the marker factors based on dormant builds is utilized by the scientist in the advancement of the circumstances and logical results theories [12].

Anderson and Gerbing [13] methodology was utilized to test the focalized legitimacy where the information is viewed as substantial if the estimation of the evaluated institutionalized factor loadings exists in the adequate furthest reaches of above 0.6. Normal Variance Extracted (AVE) is a severe proportion of merged legitimacy.

As per Malhotra and Dash [1] composite unwavering quality is the aggregate sum of genuine score fluctuation in connection to the complete score difference. Composite unwavering quality of 0.7 or higher is viewed as great [14]. In the study [1] expresses that “AVE is a more preservationist measure than CR. Based on CR alone, the scientist may presume that the united legitimacy of

the development is satisfactory, even though over half of the change is because of the blunder.”

Hair et al., [11] recommended that high loadings on a factor would show that they unite at some point. As indicated by them, all factor loadings ought to be factually noteworthy, and institutionalized loadings evaluations ought to be 0.5 or higher and in a perfect world 0.7 or higher which supports the development legitimacy of the build.

8. CONGRUITY FACTOR ANALYSIS

This area covers the detail of the estimation model for each basic build with a dialog of the way chart. At that point, it depicts the utilization of multi-thing scales to gauge each factor in the estimation model. This is trailed by a depiction of the strategies that led to a change in the estimation model.

The builds in the proposed model like web reason, the motivation behind utilizing the library, program use, web index utilization, technique for procuring information on e-assets, database use, e-assets got to in the library, the reason for utilizing e-assets, e-assets download groups, search alternatives in getting to the e-assets, advantages of e-assets on scholarly proficiency, advantages of e-diaries over ordinary diaries, fulfillment about the nature of e-assets and administrations accessible and issues with use e-assets were each evaluated for unidimensionality. Every single one of these builds was analyzed in a different estimation model. As appeared in Figures 1 to 9, recently created things are watched factors and show up as square shapes. Single-headed bolts are connecting the components (likewise called inert factors) to their things (pointers), and single-headed bolts connect the blunder terms to their markers. No single-headed bolts are connecting the elements because there are no hypothetical connections that one of these variables causes the other. Rather, twofold-headed bolts show relationships between these elements. These figures additionally give the institutionalized parameter gauges (likewise called factor loadings) on the bolts associating factors with their things.

Table.1. Reliability and Validity of the Measurement Model for Internet Usage Purpose

Factor	Composite Reliability	Average Variance Explained
Internet usage purpose	0.910	0.629

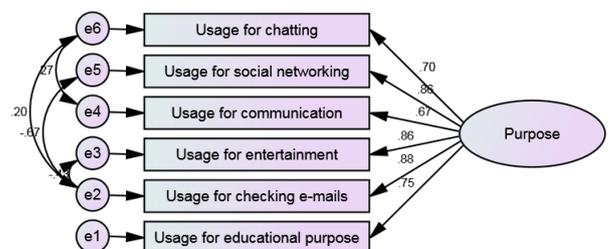


Fig.1. Measurement Model for Internet Usage Purpose

The Fig.1 shows that factor loading (Standardized estimates) was greater than 0.5, it finishes up, above shown measurement model does not have any construct validity concerns. Convergent

validity refers to the extent to which different techniques for measuring a variable give the same results [15]. Convergent validity can be built up with the help of composite Reliability (CR) given Cronbach Alpha and Average Variance Explained (AVE). Taking after criteria must be fulfilled towards guaranteeing convergent validity: $CR > 0.7$, $CR > AVE$, and $AVE > 0.5$ [11]. The Alpha estimation of all the five constructs is higher than 0.7. AVE of five individual constructs was observed to be greater than 0.5. Further, if there should be an occurrence of every one of the five individual constructs, the CR measurements are fundamentally greater than their particular AVE statistics. In this way, all individual constructs fulfilled all pre-necessities of convergent validity.

Table.2. Reliability and validity of the measurement model for the purpose of using the library

Factor	Composite Reliability	Average Variance Explained
Purpose of using the library	0.939	0.757

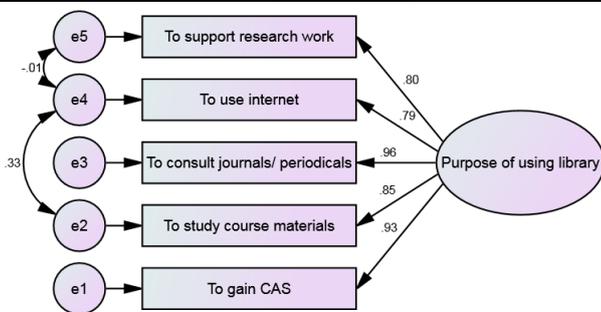


Fig.2. Measurement model to use the library

The Fig.2 shows that factor loading (Standardized estimates) was greater than 0.5, it finishes up, above shown measurement model does not have any construct validity concerns. Convergent validity refers to the extent to which different techniques for measuring a variable give the same results [15]. Convergent validity can be built up with the help of composite Reliability (CR) given Cronbach Alpha and Average Variance Explained (AVE). Taking after criteria must be fulfilled towards guaranteeing convergent validity: $CR > 0.7$, $CR > AVE$, and $AVE > 0.5$ [11]. The Alpha estimation of all the five constructs is higher than 0.7. AVE of five individual constructs was observed to be greater than 0.5. Further, if there should be an occurrence of every one of the five individual constructs, the CR measurements are fundamentally greater than their particular AVE statistics. In this way, all individual constructs fulfilled all pre-necessities of convergent validity.

Table.3. Reliability and validity of the measurement model for search options in accessing the e-resources

Factor	Composite Reliability	Average Variance Explained
Search options in accessing the e-resources	0.914	0.602

The Fig.3 and Table 3 shows that factor loading (Standardized estimates) was greater than 0.5, it finishes up, above shown measurement model does not have any construct validity

concerns. Convergent validity refers to the extent to which different techniques for measuring a variable give the same results [15]. Convergent validity can be built up with the help of composite Reliability (CR) given Cronbach Alpha and Average Variance Explained (AVE). Taking after criteria must be fulfilled towards guaranteeing convergent validity: $CR > 0.7$, $CR > AVE$, and $AVE > 0.5$ [11]. The Alpha estimation of all the five constructs is higher than 0.7. AVE of five individual constructs was observed to be greater than 0.5. Further, if there should be an occurrence of every one of the five individual constructs, the CR measurements are fundamentally greater than their particular AVE statistics. In this way, all individual constructs fulfilled all pre-necessities of convergent validity.

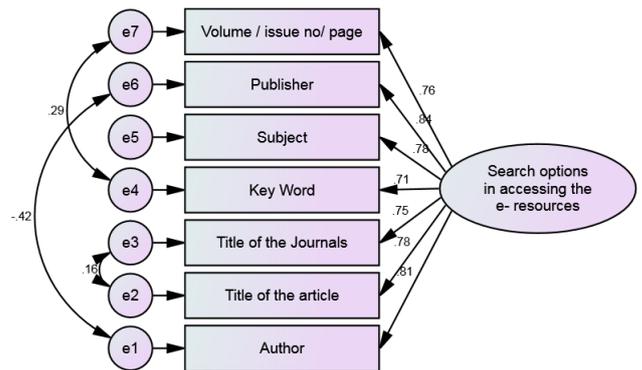


Fig.3. Measurement model for search options in accessing the e-resources

Table.4. Reliability and validity of the measurement model for satisfaction about the quality of e-resources and services available

Factor	Composite Reliability	Average Variance Explained
Satisfaction with the quality of e-resources and services available	0.960	0.774

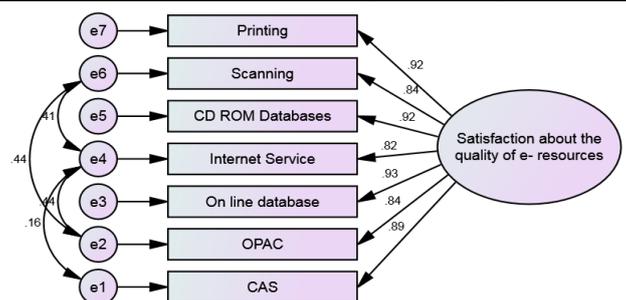


Fig.4. Measurement model for satisfaction with the quality of e-resources and services available

The Fig.4 and Table.4 shows that factor loading (Standardized estimates) was greater than 0.5, it finishes up, above shown measurement model does not have any construct validity concerns. Convergent validity refers to the extent to which different techniques for measuring a variable give the same results [15]. Convergent validity can be built up with the help of composite Reliability (CR) given Cronbach Alpha and Average Variance Explained (AVE). Taking after criteria must be fulfilled

towards guaranteeing convergent validity: $CR > 0.7$, $CR > AVE$, and $AVE > 0.5$ [11]. The Alpha estimation of all the five constructs is higher than 0.7. AVE of five individual constructs was observed to be greater than 0.5. Further, if there should be an occurrence of every one of the five individual constructs, the CR measurements are fundamentally greater than their particular AVE statistics. In this way, all individual constructs fulfilled all pre-necessities of convergent validity.

Table.5. Reliability and validity of the measurement model for Issues with the use of e-resources

Factor	Composite Reliability	Average Variance Explained
Issues with the use of e-resources	0.916	0.611

The Table.5 shows that factor loading (Standardized estimates) was greater than 0.5, it finishes up, above shown measurement model does not have any construct validity concerns. Convergent validity refers to the extent to which different techniques for measuring a variable give the same results [15]. Convergent validity can be built up with the help of composite Reliability (CR) given Cronbach Alpha and Average Variance Explained (AVE). Taking after criteria must be fulfilled towards guaranteeing convergent validity: $CR > 0.7$, $CR > AVE$, and $AVE > 0.5$ [11]. The Alpha estimation of all the five constructs is higher than 0.7. AVE of five individual constructs was observed to be greater than 0.5. Further, if there should be an occurrence of every one of the five individual constructs, the CR measurements are fundamentally greater than their particular AVE statistics. In this way, all individual constructs fulfilled all pre-necessities of convergent validity.

Table.6. Reliability and validity of the measurement model for browser usage

Factor	Composite Reliability	Average Variance Explained
Browser Usage	0.861	0.554

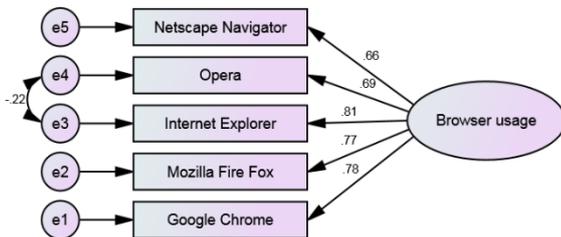


Fig.5. Measurement model for browser usage

The Fig.5 and Table.6 shows that factor loading (Standardized estimates) was greater than 0.5, it finishes up, above shown measurement model does not have any construct validity concerns. Convergent validity refers to the extent to which different techniques for measuring a variable give the same results [15]. Convergent validity can be built up with the help of composite Reliability (CR) given Cronbach Alpha and Average Variance Explained (AVE). Taking after criteria must be fulfilled towards guaranteeing convergent validity: $CR > 0.7$, $CR > AVE$,

and $AVE > 0.5$ [11]. The Alpha estimation of all the five constructs is higher than 0.7. AVE of five individual constructs was observed to be greater than 0.5. Further, if there should be an occurrence of every one of the five individual constructs, the CR measurements are fundamentally greater than their particular AVE statistics. In this way, all individual constructs fulfilled all pre-necessities of convergent validity.

Table.7. Reliability and validity of the measurement model for usage of Scholarly database

Factor	Composite Reliability	Average Variance Explained
Usage of Scholarly database	0.946	0.548

The Table.7 shows that factor loading (Standardized estimates) was greater than 0.5, it finishes up, above shown measurement model does not have any construct validity concerns. Convergent validity refers to the extent to which different techniques for measuring a variable give the same results [15]. Convergent validity can be built up with the help of composite Reliability (CR) given Cronbach Alpha and Average Variance Explained (AVE). Taking after criteria must be fulfilled towards guaranteeing convergent validity: $CR > 0.7$, $CR > AVE$, and $AVE > 0.5$ [11]. The Alpha estimation of all the five constructs is higher than 0.7. AVE of five individual constructs was observed to be greater than 0.5. Further, if there should be an occurrence of every one of the five individual constructs, the CR measurements are fundamentally greater than their particular AVE statistics. In this way, all individual constructs fulfilled all pre-necessities of convergent validity.

Table.8. Reliability and validity of the measurement model for e-Resources accessed in the library

Factor	Composite Reliability	Average Variance Explained
E-Resources Access in the Library	0.908	0.496

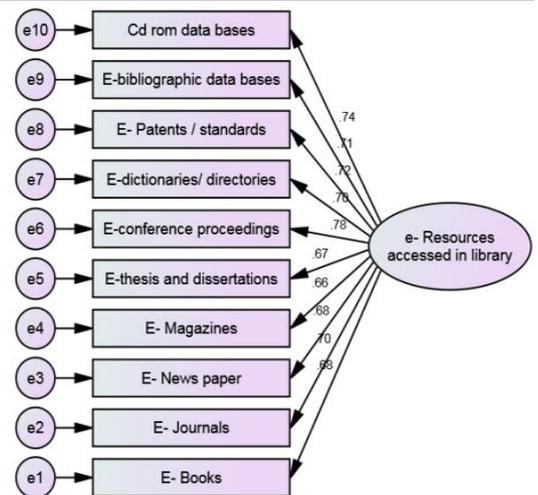


Fig.6. Measurement model for e-Resources accessed in the library

The Fig.6 and Table 8 shows that factor loading (Standardized estimates) was greater than 0.5, it finishes up, above shown measurement model does not have any construct validity concerns. Convergent validity refers to the extent to which different techniques for measuring a variable give the same results [15]. Convergent validity can be built up with the help of composite Reliability (CR) given Cronbach Alpha and Average Variance Explained (AVE).

Table.9. Reliability and validity of the measurement model to use e-Resources

Factor	Composite Reliability	Average Variance Explained
Purpose of using e-resources	0.896	0.591

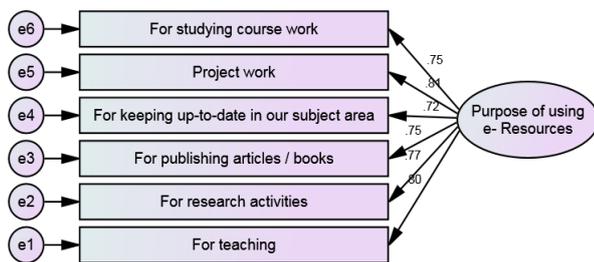


Fig.8. Measurement model for using e-Resources

The Fig.8 shows that factor loading (Standardized estimates) was greater than 0.5, it finishes up; the above-shown measurement model does not have any construct validity concerns. Convergent validity refers to the extent to which different techniques for measuring a variable give the same results [15]. Convergent validity can be built up with the help of composite Reliability (CR) given Cronbach Alpha and Average Variance Explained (AVE). Taking after criteria must be fulfilled towards guaranteeing convergent validity: CR > 0.7, CR > AVE, and AVE > 0.5 [11]. The Alpha estimation of all the five constructs is higher than 0.7. AVE of five individual constructs was observed to be greater than 0.5. Further, if there should be an occurrence of every one of the five individual constructs, the CR measurements are fundamentally greater than their particular AVE statistics. In this way, all individual constructs fulfilled all pre-necessities of convergent validity.

Table.10. Model fit statistics for research scales

Fit values	χ^2	Df	χ^2/df	GFI	CFI	TLI	RMSEA	RM R
Internet purpose	15.040	5	3.008	0.993	0.996	0.988	0.053	0.010
Purpose of using the library	3.790	3	1.263	0.998	0.999	0.999	0.019	0.004
Search options in accessing the e-resources	46.433	11	4.221	0.981	0.988	0.978	0.067	0.015

Satisfaction with the quality of e-resources and services available	31.146	10	3.115	0.988	0.996	0.992	0.054	0.011
Issues with the use of e-resources	47.497	11	4.318	0.981	0.989	0.978	0.068	0.020
Browser usage	10.602	4	2.651	0.994	0.996	0.989	0.048	0.015
Database usage	316.420	65	4.868	0.930	0.948	0.938	0.079	0.016
E-Resources accessed in the library	168.570	35	4.816	0.861	0.911	0.900	0.086	0.048
Purpose of using e-Resources	17.640	9	1.960	0.992	0.996	0.994	0.037	0.011

The present study utilized the accompanying records to survey the attack of the model on the information: the chi-square (χ^2) measurement and the related degrees of freedom (df), the comparative fit index (CFI), the Tucker–Lewis index (TLI), the root mean square error of approximation (RMSEA), and the root mean square residual (RMR). When all is said in done, χ^2/df esteem 2-5 and CFI, GFI, and TLI values >0.90 show an adequate fit (with qualities >0.95 being perfect; Browne and Cudeck, 1993)16. Further, RMSEA and RMR values ≤ 0.08 show a sensible fit for the information, while values ≤ 0.05 demonstrate a good model fit [17]. Generally, the chi-square test is utilized to analyze settled models, however, this measurement is a statistic to sample size [18]. The Table.10 shows that the present measurement model of all measurement models was statistically fit.

8.1 RECOMMENDATIONS OF THE STUDY

The adequate number of client frameworks accommodated the broad utilization of e-journals. The proper measures ought to be taken to build the satisfaction level on e-resources. Especially on Digital Library, OPAC/Web-OPAC; Network-based Information administrations and CD-ROM Databases. The data transfer capacity of the web in the foundations to be expanded encourages and accelerates the articles download. Wi-Fi system office ought to be given inside of the grounds of the foundations which will encourage simple getting to of the e-journals anyplace in the grounds. The library powers ought to upgrade the timings of computerized libraries and give a satisfactory number of PC frameworks. Satisfactory framework offices ought to be accommodated research scholars in the Departments likewise to access e-journals. The gathering advancement approach in admiration to e-resources ought to be surrounded in each foundation so that significant e-resources can be acquired. To enhance the effectiveness of the utilization of getting to e-journals, the library ought to give hands-on experience, fleeting courses or workshops, and behavior client introduction programs for the understudies and resources of the organization.

9. CONCLUSION

Illustrative research is normally more formal and organized than quantitative research [1]. It depends on enormous; agent tests and information got are exposed to quantitative investigation. The discoveries from the examination are utilized as a contribution to acquiring the use of electronic assets by the exploration researchers. In this examination, the distinct investigation is embraced to find out and depict the attributes of the factors of the exploration researchers' discernments about the electronic assets accessible at the library. Therefore, the present investigation is elucidating in nature as it attempts to evaluate the use of electronic assets by the examination researchers in south Tamil Nadu.

REFERENCES

- [1] N.K. Malhotra, *Marketing Research: an Applied Orientation*, Eaglewood Cliffs, 2010.
- [2] A. Jiewanto, C. Laurens and L. Nelloh, "Influence of Service Quality, University Image, and Student Satisfaction toward WOM Intention: A Case Study on Universities PelitaHarapan Surabaya", *Procedia-Social and Behavioral Sciences*, Vol. 40, pp. 16-23, 2012.
- [3] J. Ritchie and R. Ormiston, "Qualitative Research Practice: A Guide for Social Science Students and Researchers", Sage Publisher, 2013.
- [4] M. Sandelowski, "Focus on Research Methods-Whatever Happened to Qualitative Description?", *Research in Nursing and Health*, Vol. 23, No. 4, pp. 334-340, 2000.
- [5] M. Csikszentmihalyi and R. Larson, "Validity and Reliability of the Experience-Sampling Method", *Proceedings of International Conference on Flow and the Foundations of Positive Psychology*, pp. 35-54, 2014.
- [6] D.E. Hinkle and S.G. Jurs, "Applied Statistics for the Behavioral Sciences", *Journal of Educational Statistics*, Vol. 15, No. 1, pp. 84-87, 2003.
- [7] E.D. De Leeuw and D.A. Dillman, *International Handbook of Survey Methodology*, Taylor and Francis, 2008.
- [8] F.J. Fowler, "Improving Survey Questions: Design and Evaluation", Sage Publisher, 1995.
- [9] P.P. Biemer and L.E. Lyberg, *Introduction to Survey Quality*, John Wiley and Sons, 2003.
- [10] T. Teo, "Modeling the Determinants of Pre-Service Teachers' Perceived Usefulness of E-Learning", *Campus Wide Information Systems*, Vol. 28, No. 2, pp. 124-140, 2011.
- [11] J.F. Hair, R.E. Anderson and R.L. Tatham, *Multivariate Data Analysis*, Prentice Hall, 1998.
- [12] T.J. Gerpott, W. Rams and A. Schindler, "Customer Retention, Loyalty, and Satisfaction in the German Mobile Cellular Telecommunications Market", *Telecommunications Policy*, Vol. 25, No. 4, pp. 249-269, 2001.
- [13] J.C. Anderson and D.W. Garbing, "Structural Equation Modeling in Practice: A Review and Recommended a Two-Step Approach", *Psychological Bulletin*, Vol. 103, No. 3, pp. 411-418, 1988.
- [14] J.C. Nunnally and I.H. Bernstein, "Validity", *Psychometric Theory*, Vol. 23, pp. 99-132, 1994.
- [15] S.W. O'Leary-Kelly and R.J. Vokurka, "The Empirical Assessment of Construct Validity", *Journal of Operations Management*, Vol. 16, No. 4, pp. 387-405, 1998.
- [16] M.W. Browne and R. Cudeck, "Alternative Ways of Assessing Model Fit", *Sage Focus Editions*, Vol. 154, pp. 136-136, 1993.
- [17] L.T. Hu and P.M. Bentler, "Cutoff Criteria for Fit Indexes in Covariance Structure Analysis: Conventional Criteria versus New Alternatives", *Structural Equation Modeling: A Multidisciplinary Journal*, Vol. 6, No. 1, pp. 1-55, 1999.
- [18] P.M. Bentler, "Comparative Fit Indexes in Structural Models", *Psychological Bulletin*, Vol. 107, No. 2, pp. 1-2, 1990.