IMPACT OF PUBLIC LIBRARY AND ITS USAGE TOWARDS GENERAL PEOPLE
(WITH SPECIAL REFERENCE TO VANIYAMBADI TOWN)

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Library

The word "library" seems to be used in so many different aspects now, from the brick-and-mortar public library to the digital library. Public libraries and indeed, all libraries are changing and dynamic places where librarians help people find the best source of information whether it's a book, a web site, or database entry. The inscribed clay tablets were used nearly 5,000 years ago, as early as 3020 B.C.

ABSTRACT

This paper tries to bring out the impact of public library and its usage towards general people.

Keywords: Library, Public, Knowledge.

INTRODUCTION

Public libraries continue to be places for education and self-help and offer opportunity for people of all ages and backgrounds. They offer opportunity for everyone to learn and to pursue self-improvement. In response to community needs for information, many libraries offer such programs as English as a Second Language (ESL) classes, homework help, after-school programs for children, job information centers, assistance for new immigrants, literacy programs, and much, much more. To serve such community needs, public libraries collect and make available information in many, many formats.

Libraries are places where people connect not just with books and computers but with other people. In our changing information age, we need libraries more than ever to help us sort through the information clutter. After all, librarians are the ultimate search engine. They know how to find the best information in
whatever form and teach others how to find, use, and evaluate information. They, of course, apply this skill to the traditional functions of materials selection and readers advisory. The library is one of the most valuable institutions we have, and we should not take it for granted.

- Public Library Association

A division of the American Library Association (ALA), the oldest and largest library association in the world. Founded in 1944, PLA is a member-driven organization that exists to provide a diverse program of communication, publication, advocacy, continuing education, and programming for its members and others interested in the advancement of public library service.

OBJECTIVES OF THE STUDY

To find out the impact of public library and its usage towards general people.

SCOPE OF THE STUDY

This paper helps the general public to know about impact of its and its usage.

LIMITATIONS

- This study done only in Vaniyambadi town.
- Time duration of the study in only 15 days.

RESEARCH METHODOLOGY

- Research Design

  Research design indicates the methods and procedures of conducting research study.

- Sampling size

  80

- Data Collection Method

  For primary data, questionnaires method was followed. The questionnaires were issued to collect the data. With Statistical tools and its results done in a formal way. So as to gather information about the feeling of the respondent with regard to the topic under investing.
Sources of Data

- **Primary data**
  The primary data has been collected by means of questionnaires.

- **Secondary Data**
  The researcher collected the secondary form research books and also gathered information by browsing in the net.

- **Percentage Analysis**
  Percentage bar diagram is used to highlight the relative importance of the various components parts to the whole. The total for each bar taken as 100 and the value of each component is expressed as percentage of the respective totals.

- **Pie diagram**
  The pie diagram ranks high in understanding. Just as we divide a bar or a rectangle to show its components, a circle can also be divide into sectors. As there are 360 degree at the center, proportionate sectors are cut taking the whole data equal to 360 degrees.

- **Chi-square test**
  Suppose we are given a set of observed frequencies obtained under some experiment and we want to test if the experimental results support a particular hypothesis or theory. Karl Pearson in 1990, developed a test for testing the significance of the discrepancy between experimental values and the theoretical values obtained under some hypothesis.

**DATA ANALYSIS & INTERPRATION**

(Table-1) Respondents of visitors in public library

<table>
<thead>
<tr>
<th>Years</th>
<th>Respondent</th>
<th>Percentage</th>
<th>Cumulative percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-2</td>
<td>10</td>
<td>12.5%</td>
<td>12.5%</td>
</tr>
<tr>
<td>2-3</td>
<td>12</td>
<td>15%</td>
<td>27.5%</td>
</tr>
<tr>
<td>3-4</td>
<td>12</td>
<td>15%</td>
<td>42.5%</td>
</tr>
<tr>
<td>4-5</td>
<td>14</td>
<td>17.5%</td>
<td>60%</td>
</tr>
<tr>
<td>More than 5</td>
<td>32</td>
<td>40%</td>
<td>100%</td>
</tr>
<tr>
<td>Total</td>
<td>80</td>
<td>100%</td>
<td></td>
</tr>
</tbody>
</table>

*Source: Primary data*
INTERPRETATION

The above table shows that 12.5% of the respondent are to visit 1-2 years, 15% are 2-3 years, 15% are 3-4 years, 17.5% are 4-5 years and 40% are more than 5 years.

(Table-2) Respondents for facility criteria in public library

<table>
<thead>
<tr>
<th>Library facilities</th>
<th>Respondent</th>
<th>Degree</th>
<th>Cumulative degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reading Hall</td>
<td>10</td>
<td>45°</td>
<td>45°</td>
</tr>
<tr>
<td>Different Books</td>
<td>15</td>
<td>67.5°</td>
<td>112°.5</td>
</tr>
<tr>
<td>Newspaper &amp; Magazine</td>
<td>10</td>
<td>45°</td>
<td>157.5°</td>
</tr>
<tr>
<td>Others</td>
<td>5</td>
<td>22.5°</td>
<td>180°</td>
</tr>
<tr>
<td>All of the above</td>
<td>40</td>
<td>180°</td>
<td>360°</td>
</tr>
<tr>
<td>Total</td>
<td>80</td>
<td>360°</td>
<td></td>
</tr>
</tbody>
</table>

Source: Primary data

INTERPRETATION

The above table shows that facility criteria in public library 45° of the respondent are reading hall, 67.5° are different books, 45° are Newspaper & Magazine 22.5° facility and 180° are all of the above facilities.

(Table-3) Available of Books and their opinions

<table>
<thead>
<tr>
<th>BOOKS AVAILABLE</th>
<th>OPENIONS</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>EXCELLENT</td>
<td>SATISFACTORY</td>
</tr>
<tr>
<td>HISTORICAL NOVEL</td>
<td>8</td>
<td>5</td>
</tr>
<tr>
<td>STORY BOOKS</td>
<td>11</td>
<td>9</td>
</tr>
<tr>
<td>BIOGRAPHY</td>
<td>8</td>
<td>7</td>
</tr>
<tr>
<td>SOCIAL &amp; ETHICS BOOKS</td>
<td>9</td>
<td>4</td>
</tr>
<tr>
<td>OTHERS</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>TOTAL</td>
<td>39</td>
<td>28</td>
</tr>
</tbody>
</table>
Expected data

<table>
<thead>
<tr>
<th>BOOKS AVAILABLE</th>
<th>OPENIIONS</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>EXCELLENT</td>
<td>SATISFACTORY</td>
</tr>
<tr>
<td>HISTORICAL NOVEL</td>
<td>7.3</td>
<td>5.25</td>
</tr>
<tr>
<td>STORY BOOKS</td>
<td>11.2</td>
<td>8.1</td>
</tr>
<tr>
<td>BIOGRAPHY</td>
<td>8.2</td>
<td>5.95</td>
</tr>
<tr>
<td>SOCIAL &amp; ETHICS BOOKS</td>
<td>8.2</td>
<td>5.95</td>
</tr>
<tr>
<td>OTHERS</td>
<td>3.9</td>
<td>2.8</td>
</tr>
<tr>
<td>TOTAL</td>
<td>38.8</td>
<td>28.5</td>
</tr>
</tbody>
</table>

In $\chi^2$ calculation table

$$\chi^2 = 2.632$$

Degrees of freedom

$$\gamma = \{(c-1)(r-1)\} - 6$$

$$= \{(3-1)(5-1)\} - 6$$

$$= \{(2)(4)\} - 6$$

$$=\{8\} - 6$$

$$=2$$

Table value

At 5% level of significance for 2 DOF the value from $\chi^2$ table 5.991

I conclude here $H_0$ is accepted. Because calculated value not exceed than the table value.

So, There is satisfaction of studying any kind of books chosen by the readers.

**FINDINGS**

- Majority of the respondent are visits library for more than 5 years
- Majority of the respondent says that they are availing all the facilities in public library
- Majority of the respondent knows many aspects of public library
• Majority of the school students use to study biography and women study story books &
  Historical novels
• Majority of the men are studying news paper.
• All the respondents are studying different types of books and they are well satisfied of the
  books chosen by themselves and it is proved by the researcher thought chi- square
  analysis.

SUGGESTION

Various kinds of books and facilities are available in library but they are not utilized by general
Public to its optimum level.

Public shall visit library and shall wait avail all of its facilities.

CONCLUSION

Various kinds of facilities are available in library and it is provided fully for general public readers
are choosing different types of books like social books, ethical books, biography, historical books, News
papers & magazines etc., The readers are choosing the books in their own interest and they are getting
satisfaction of the chosen books by them and that was proved by the researcher through chi-square
analysis. Hence on the conclusion of the paper in the researcher conclude that public library carrier
positive impact on general public.

REFERENCE

• Fundamentals of Applied Statistics -S.C.Gupta, Himalaya publishing house
• Fundamentals of mathematical Statistics -S.C.Gupta and V.K.Kapoor-sultan & sons
• Statistics-Theory & Practice, R.S.N.Pillai & Bagavathi,S.Chand
1. NAME

2. AGE

3. QUALIFICATION

4. SEX

5. How long you go to public library
   a) 1-2   b) 2-3   c) 3-4   d) 4-5   e) more than 5 years

6. What are the facilities available in public library
   a) Reading hall  b) Different Books  c) Newspaper and Magazine  d) Others  e) All of above

7. What kind of books you read
   a) Historical Novels  b) Story Books  c) Biography  d) Social and Ethic books  e) Others

8. What are types you know
   a) Mobile library  b) Public library  c) Private library  d) Personal library  e) Others

9. Are you have habit of reading books in library
   a) YES  b) NO

10. State the satisfaction you set out of library books.

<table>
<thead>
<tr>
<th>BOOKS AVAILABLE</th>
<th>EXCELLENT</th>
<th>SATISFACTORY</th>
<th>POOR</th>
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<td></td>
<td></td>
</tr>
</tbody>
</table>
11. What kind of improvement you expect in public library

a) Arrangements of books in proper manner  b) Increase no. of story books

c) Can provide additional books to regular visitors  d) Can increase date return for the books taken

e) Can provide infrastructure facility to attract students also

12. In your opinion which age group people are mostly facilitated by public library

a) 10-20  b) 20-30  c) 30-40  d) 40-50  e) Above 50