

The Research of the University Staff of Overdue Books Recall Service

Taking the Chengdu University of Information Technology as an Example

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Abstract—The overdue books is a long-standing major problem to university libraries, and the staff of long-term occupying books without returning, is a common phenomena in university libraries. As to how to let the staff return the books in time, the libraries have constantly tried to use various methods to urge the return, and some libraries have achieved certain results, while others have little effect. The Chengdu University of Information Technology is a meteorological science and technology features of the university, this paper of Chengdu University of Information Technology library statistics for nearly 10 years the staff of overdue books data analysis, trying to find out the staff the reasons for overdue books, so as to formulate the method of university staff overdue books recall service.

Keywords—university; staff; overdue books; recall service

I. INTRODUCTION

Traditionally the college library is facing an overdue books do not have the phenomenon, especially the staff overtime not also. They are due to various reasons, long-term occupation of library collection resources, resulting in low flow rates and low utilization rate, but also violates the rights of other readers borrow. In order to solve this problem, the museum did not less to think of a way for readers, students are generally adopts the overdue penalty manner, but to teach a worker on the difficulties in college library, part of the staff take a light penalty, some just out, it makes them can occupy books, some as long as more than ten years. The [1] uses data mining methods for

library data analysis, thus obtains extended valuable information. The [2] using the method of statistical analysis on the rationality of library resources are studied and concluded" mode. Taking Chengdu University of Information Technology as an example, through the last 10 years the staff of Chengdu University of Information Technology library extended data analysis, trying to find out the staff the reasons for overdue books, so as to formulate staff in Colleges and universities are an effective method for overdue books ".

II. ANALYSIS OF TEACHING STAFF FOR OVERDUE BOOKS

Chengdu University of Information Technology is a meteorological science and technology, information technology for the characteristics of colleges and universities. Chengdu University of Information Technology Library Museum since 1996 by professional library management software in library management, from the first disk system after the replacement for the Huiwen system, still in use today.

A. The annual and monthly statistics of staff for overdue books.

1) The annual statistics

This article from the current use of Huiwen system is derived in the nearly 10 years to teach a worker for overdue books data. (See Table I)

TABLE I. 2003 -- 2012 YEARS FOR OVERDUE BOOKS LIST

Particular year Project	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Extended total number	9	8	4	15	7	19	27	36	35	95
Overdue books The total number of copies	18	12	31	38	18	60	79	125	98	535
Overdue books The total number of days	2084	1650	4298	6616	4149	11762	11990	19383	16307	118648

The data in Table I, using the following formula to calculate the annual average number of day's overdue books:

$$D_{average} = \frac{D_{total}}{N} \quad (\text{Note: } D_{average} \text{ said: The average number}$$

of days overdue books, D_{total} Said: the overdue books the total number of days, N Said: overdue books the total number of copies.) (See Figure 1)

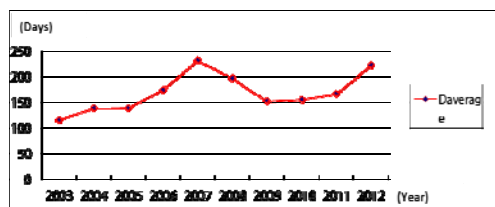


FIGURE 1. 2003 YEARS -- 2012 THE AVERAGE NUMBER OF DAYS OVERDUE BOOKS

Figure 1 shows that, from 2003 to 2012 during the annual staff Book average extended stay is wavy change. In 2007 there was a peak, a few years later although somewhat fall after a rise, but now has a rising trend. Because in the old library, management methods are backward, not specifically for overdue books are overdue. Later moved into temporary Pavilion, took a few corresponding recall measures, although some books were urged to return, but the effect is not very ideal. Since 2008, I formally assigned to the new library, management mode have greatly improved, for the book " also had great progress, so a few years this phenomenon is somewhat better for overdue books. But as the collection volume increase, the expansion of school size, teaching staff number of increments, the phenomenon and the overdue books up signs.

2)monthly statistics

According to the data in Table 1 annual giving monthly staff number three-dimensional stacked histograms for overdue books. (See Figure 2)

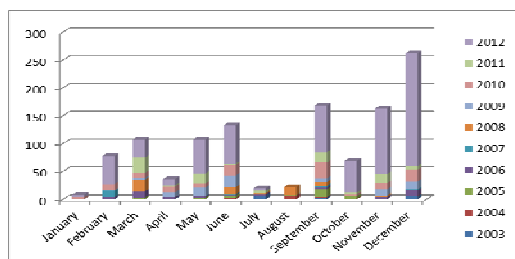


FIGURE 2. 2003 YEARS OVERDUE BOOKS -- 2012 MONTHLY SITUATION

From the chart can clearly see, February, March, May, June, September, November, December is a number most months overdue books. Since February, March, and September was the month, staff are busy with their own work, while ignoring the return date. And through the winter and summer vacation time, calculation methods to some of the teaching staff are not clear in the book time. May and June are placed before summer vacation period, because many staff are busy with graduate work, also often ignores the return date. In November and December, near the end of the year, Faculty affairs more onerous, will often forget the book.

B. According to the statistics of overdue books category

On 2003 to 2012 each year extended data according to our staff for overdue books amount and type of mapping analysis, (Note: the types of books in Chinese Library Classification shown in the alphabet). (See Figure 3)

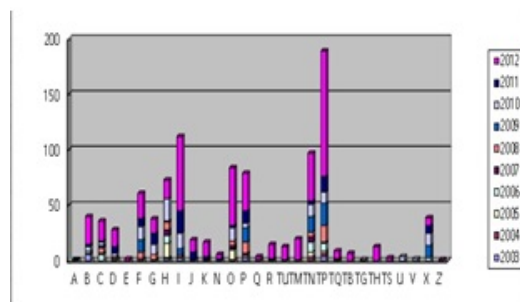


FIGURE 3. 2003 -- 2012 YEARS THE TYPE AND AMOUNT OF OVERDUE BOOKS

From the above data can reflect the with the passage of time, the staff for overdue books species gradually diversified, the school staff's reading of the face in the expansion. In the extended books by F (economy), H (language, text), I (Literature), O (Journal of systems science and Mathematical Sciences), P (Astronomy, Earth Sciences), TN (radio electronics, telecommunication technology), TP (automation technology, computer technology) the books are, and P books almost every year extended case. This is also reflected from the side of the school is the professional characteristics of colleges and universities to meteorology, faculty for meteorological studies more, leading to meteorological books borrowing amount, overdue also frequently. Science and technology books every year a large number of overtime, it reflects the school is with information technology for the characteristics of the college, faculty research direction are concentrated in this respect, extended and can hardly be avoided. In addition, H, I also have a large number of overdue. School in the scale of running a general trend of the development of the teachers' quality, the diversified demands of colleges and universities of science and engineering, Faculty of language and literature studies also began to.

C. According to the statistics of level teaching staff for overdue books.

On 2003 to 2012 were extended data to system settings assistant, lecturer, associate professor, Professor, administrators, librarians of the 6 level statistics of their extended and the number of copies of books. (See Figure 4)

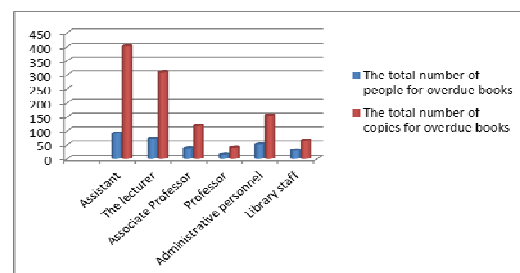


FIGURE 4. 2003-- 2012 YEARS THE LEVEL AND AMOUNT OF OVERDUE BOOKS

From the graph 4 can clearly see the overdue books in teaching staff team, the teaching staff of the majority, but in the teaching staff, the lower-level personnel for overdue books phenomenon is more serious. The rest of the staff, administrative personnel of the library staff for overdue books phenomenon is serious.

D. According to the staff of the Institute of statistics

On 2003 to 2012 extended data according to the staff of the college rankings, the situation is more serious for overdue books before 10. (See Table II)

TABLE II. 2003–2012 YEARS IN 10 BEFORE THE COLLEGE OF EXTENDED

The Institute	Extended number
Atmospheric Sciences	31
Library	30
School of Electronic Engineering	24
Institute of Communication Engineering	22
College of resources and environment	15
College of foreign languages	15
Academy of Arts and culture	14
Control engineering	13
Optoelectronic Technology Institute	11
Software Engineering Institute	11

From TABLE II reflect the school's non-teaching departmental staff extended slightly better, mainly concentrated in the extended department teaching departments, in addition to Institute of foreign languages and culture art academy of the two liberal arts college is more serious, the rest are mostly science and Engineering College, in which the gas as of extended situation is most serious. In addition, the library staff's own extended situation is not optimistic.

III. OVERDUE BOOKS RECALL STRATEGY

In view of the above analysis, formulates the college staff for overdue books of recall strategy:

A. Improved ways of library management

Regular library using the system upgrade, or independent development" system, in time to the school staff to send extended information.

According to the development of the times, the short message is necessary. Mobile phone short message service is a convenient, instant, covering a wide range of communication, information and arrive at a high rate, low use cost, point to point communications etc [3]. library through the college office access to all the staff to carry out mobile phone, short message service. Now there are many university libraries launched mobile services and mobile phone library.

The introduction of RFID technology, at the entrance to the library self-help book machine set for 24 hours, convenient staff at any time to the library books, so as to avoid because of busy work and missed the opening time to return the books on time. RFID Radio Frequency Identification abbreviations, also known as electronic label, radio frequency identification, is a kind of communication technology, through the radio signal recognition of specific goals and to read and write data, without the need for recognition system with specific target is established between the mechanical or optical contact[4].

Execute urge penalty parallel system. Time ago, were also sent to him, and extended. If the book", the staff I immediately to the museum for the return procedures, then out. If the long time" are not also, according to the plot weight given the corresponding fines.

In the teaching staff were also sent to branch, master" strength. The need to strengthen the teaching departments of the" strength, of which some of the long-standing staff overtime college especially need to focus on.

Strengthen the management of the librarians, once discover librarian long overdue books, the announcement, the circumstances are serious to the part of the bonus.

Each year in different months also need different recall efforts. Especially in the year before and after school holidays, such as 2, 3, 5, 6, 9, 11, December to strengthen library overdue work, timely to remind staff to return the book in time.

B. Change the staff system for borrowing books.

For the extended case of severe staff take limit lending way, to be the staff personally went to the museum for formalities before it can continue to borrow books.

According to the staff of the loan demand, an extension of certain books borrowing time or increase these books to borrow.

C. Strengthening and staff communication between

The positive publicity, the use of propaganda column in a variety of ways, from time to time the library book "propaganda work, do the entire world knows.

On the staff for some social ethics seminars, promote library is a good phenomenon, encouraging readers to the library borrowing books, but because the book is public property, borrow should be returned on time, so as to avoid the inconvenience to others.

Per year in addition to strengthen the new training, also respond to the new staff also carry out into the hall and training work.

The establishment of " group ", with students as the main body member volunteers, libraries can be regularly send their visits to every department of the school, to vigorously promote the library system, and to assist in every department of the school will be overdue books back to the library unified remand.

IV. CONCLUSIONS

The book also sent for library collection resources and enhances the healthy development of the utilization of resources, promotes the benefit maximization and has the very important meaning. Recall service is to promote the library resource flow is an effective means of. The recall service as a guarantee, library resource construction can follow the "more variety, less duplicate "principle [5]. Of course" is a very practical and specific work. In order to achieve satisfactory effect, the library must establish a set of complete, feasible for overdue books recall system. This system was set up, stick to it. But treats the extended faculty, librarians should also hold an attitude of tolerance, first check your work is done, if there are omissions or lag, whether in the extended and remind them, at the same time should be carefully listened to their extended, flexible

processing. In addition, the library should be on the staff of the phenomenon of extended follow-up, trying to find its root causes, promptly improve recall mode. Only the library and the staff of the joint efforts to achieve the harmony book for everyone.

ACKNOWLEDGEMENT

The work was Project (CRF201215) Supported by the Scientific Research Foundation of CUIT.

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