

# Library Automation System of E-Granthalya over View by Government First Grade College Domlur, Bengaluru - 560071

**Basavaraj M Naregal**

Librarian, Gfgc, Domlur Bengaluru

Email: [bnaregal\[at\]gmail.com](mailto:bnaregal[at]gmail.com)

**Abstract:** The aim and objective of this article to find out the how impact of e granthalaya software in library management. like circulation, stock verification, serial control and ordering acquiring the new documents to library smoothly and effectively and also its help to avoid the duplication work.

**Keywords:** e-Granthalaya software, library management, circulation, stock verification, serial control

## 1. Introduction

The library generally referred to as the knowledge hub of higher education council of Karnataka is established the libraries in government take the responsibility for supporting the learning and teaching, community engagement functions especially in the Government colleges. The Government of Karnataka has established this college on nov 20, 2015 to impart higher education to the rural students of Bangalore and its surrounding village's. Library is the heart of an educational institution. It supports the needs and thirst of the users of the institution. The goal of an education institution is to support the teaching and research needs. The responsibility of the Library staff is to provide good services to the users and also ensure that the resources are used to maximum benefit to the readers of the institute. Library is located in the main building area of the College Campus. Library is well equipped with around 8482 of books. Our library has a good collection of prescribed text books, SC/ST Book Bank, recommended books, reference books like Map, Globe, Yearbooks, Dictionaries, and Periodicals etc. presently now we are using the e - granthalaya automation software for automating the entire library system for smoothly and time benignly functival.

## 2. Meaning

The Platform Provides a complete ICT solution for Library computerization with integrated Library Management Software, Digital Library Module, Cloud hosting environment and a Library Portal (OPAC) with NCSI empanelled Roll - Out Services and Support".

### Definition

"According to Oxford English Dictionary, Automation "is the application of automatic control to any branch of industry or science by extension, the use of electronic or mechanical devices to replace human labour".

### Need for Automating the Library:

A Computer has revolutionized all fields of Knowledge. The need for automation is emphasized because of the following

reasons:

- It can manage quantity of facts and records.
- Speedy processing and its retrieval. Provide Bibliographical manipulate at "Local/Regional/National and International Levels".
- Heavy Bulk of information may be saved with inside the PC and thus, sure troubles which rise up with storing records in wooden shelves are avoided.
- Decrease repetitious pastoral work.

### "E - Granthalaya 4.0" Module:

"E - Granthalaya 4.0" Module has the following modules

- 1) Library Administrator
- 2) Data Master
- 3) Book Acquisition
- 4) Cataloguing
- 5) Circulation

### Library Administrator:

The Library's Personnel can use this module to manage the following primary functions: -

- Update "Library Profile"
- Manage Library Users
- System Data
- Data Entry Format
- Library Team
- Notice Board
- Photo Gallery Manager
- Receipt Manager
- Export Records
- View Visitors Log
- Send Messages in Email
- IIL Request Manager
- Internet Resources Approval
- Data Entry Statistics

### Master Data:

The Library's staff can use this module to do the following tasks: -

- Update my Profile
- Manage Library Committee
- Committee Members Detail
- Holiday Calendar
- Publishers Directory

Volume 13 Issue 3, March 2024

Fully Refereed | Open Access | Double Blind Peer Reviewed Journal

[www.ijsr.net](http://www.ijsr.net)

- Vendors Directory
- Library Section
- Subject Directory
- Letters Templates

#### Overview of E - Granthalaya library system gfgc domlur:

Our college was started along with library in 2020 in that time library collection has 7956 volumes. These volumes we entered in ledger and also, we use this method for circulation. we purchased the E - Granthalaya automation software in January 2023 for library automation since from those days the library all functions executed in this software only. The following functions maintained in this software. This Book acquisition Module manages the library orders placed with vendors and manages the purchase budgets. It enables the library employees to handle the following primary functions connected to library item acquisition: Accession: since 2023 we entered 8882 library books in this software. we circulate books to our organization users like students and staff, after issue and return the books, the user will get acknowledgement through the sms and email about the circulation

- Add New Title
- Manage Approval
- Manage order
- Accessioning

This Cataloguing module is used for book retro conversion, book processing technology obtained from acquisition, printing a variety of records to be verified, with title and accession number searches and so on. This module provides several frameworks which help in the cataloguing of books, monographs, serials, e - resources etc. It allows searching with various fields like title, author, ISBN, ISSN etc. It includes:

- Retroconversion
- Change Copy Status
- Stock Verification
- Generate Bar Code
- E - Resources Manager
- Update Holdings
- Authors Directory
- Internet Resources

### 3. Conclusion

Automation has transformed traditional libraries into automated libraries. Now - a - days automation has become a most essential part of libraries. In the era of information explosion, Where everything is going to be digitized and getting automated. Everyone needs speedy access to all the resources but with the increasing dissemination of knowledge, so for that purpose, Integrated Library Management Software plays a very important role in providing speedy access to the users as well as information professionals. E - Granthalaya software has become a very good software which is easy to learn and simple to use and provides access to various governmental organizations like our College.

### References

- [1] Retrieved from e - Granthalaya: A Digital Agenda For Library Automation and Networking (e - granthalaya.nic.in)
- [2] Shabana Tabbasum et. al., 2010 Impact of Library Automation in the development era.
- [3] Retrieved from e - PGPathshala (inflibnet.ac.in)
- [4] Harinarayana, N. S., (1991). Concept of Library Automation. Herald of Library Science, 30, 174 - 183
- [5] Chatterjee, Arnab and Das, Debasis, 2015 Library Automation: An Overview
- [6] Retrieved from [https://www.researchgate.net/publication/324829280\\_Impact\\_of\\_Library\\_Automation\\_in\\_the\\_Development\\_Era](https://www.researchgate.net/publication/324829280_Impact_of_Library_Automation_in_the_Development_Era)
- [7] Retrieved from <https://www.librarianshipstudies.com/2017/10/library-automation.html>
- [8] Retrieved from <https://www.coursehero.com/file/p2vsiegtr/It-said-National-Informatics-Centre-NIC-National-Highways-Authority-of-India/>