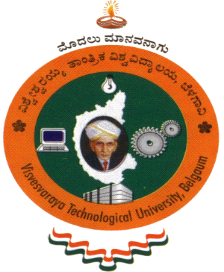
**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

**BELAGAVI-590014**



**A DBMS Mini Project Report On**

**"LIBRARY MANAGEMENT SYSTEM(LMS)"**

*Submitted in the partial fulfilment of the requirements for the award of the Degree of* ***Bachelor of Engineering in Information Science and Engineering***

Submitted by,

**Divya Bharathi R (1OX18IS020)**

**Deepthi A (1OX18IS019)**

**Ganavi (1OX18IS024)**

*Under the guidance of*

**Sandhya Rani Asst. professor at ISE**



**Department of Information Science and Engineering**

**The Oxford College of Engineering, Bommanahalli, Bangalore-68**

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**THE OXFORD COLLEGE OF ENGINEERING**

**Bommanahalli, Hosur Road, Bangalore – 560068**

**(Affiliated to Visvesvaraya Technological University, Belgaum)**

**Department of Information Science and Engineering**



**CERTIFICATE**

Certified that the project work entitled **"LIBRARY MANAGEMENT SYSYTEM"** carried out by **Divyabharathi (1OX18IS020), Deepthi (1OX18IS019), and Ganavi (1OX18IS024)** Bonifide students of The Oxford College of Engineering, Bangalore in partial fulfilment for the award of the Degree of **Bachelor of Engineering in Information Science and Engineering** of **Visvesvaraya Technological University, Belgaum** during the year 2019-2020 . The Mini project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

**Mrs.SANDHYA RANI Dr.KANAGAVALLI Dr. A.S.ARAVIND**

**Project Guide H.O.D,Dept. of ISE Principal, TOCE**

**External Viva**

**Name of the Examiners Signature with Date**

**1.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**2.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Abstract**

The Library Management System**(LMS)** is used to manage the library through automated process and very minimal manual intervention is required. Because the system is taking care of library life cycle such as issue book, return book automatically. Similarly it is taking care of the library managements such as adding a book, delete and modifying the books. In addition to this system is providing high security for the system as it allows only authorized user can subscribe the books and authorized employee can manage the library. The registered customer can only view existing library books but cannot subscribe it. It can be done with help of employee. The registered employee can manage the library and can register the customer on behalf of them.

**ACKNOWLEDGEMENT**

A project is a job of great enormity and it can’t be accomplished by an individual all by them. Eventually, we are grateful to a number of individuals whose professional guidance, assistance and encouragement have made it a pleasant endeavor to undertake this project.

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**DEEPTHI A**

**GANAV**

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**1.INTRODUCTION**

**1.1 *Problem Statement***

The most of the librarians are struggling to manage the library because it has many manual activities such as issue the books, returning the book, and adding the books. Many times there is a possibility of loosing books because the librarian is not able to maintain the return history. At the Beginning of the examination more students subscribe the book, during the vacation , more customer subscribe the book so during this time, it is indeed very difficult to maintain the library manually.

**1.2 *Proposed Solution***

The Library Management System**(LMS)** is used to solve the many of the issues occurred in the library over manual process. It is required very minimal manual intervention . Because the system is taking care of library life cycle such as issue the book, return the book automatically. Similarly it is taking care of the library managements such as adding a book, delete and modifying the books. It is also providing high security for the system by providing the customer registration process so that it will allow only authorized customer into the system. It supports below features:

* Customer/Employee Login
* Customer/Employee Registration
* Add new books arrived in the library.
* Modify the books details
* Delete the books if it is not valid.
* View existing books in the library
* Issue the book to customer who is already subscribed.
* Return the book by customer.
* View list of due dated books and subscribed books

**2.Analysis and System Requirements**

***2.1 System UI screens***

**Home Page:**

