**Library Management System**

*A Project Report*

*Submitted in partial fulfillment of the requirements*

*For the award of the degree*

*Of*

**BACHELOR OF COMPUTER APPLICATION (MCA)**

*By*

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**INDIRA GANDHI NATIONAL OPEN UNIVERSITY**

**Maidan Garhi, NEW DELHI – 110068**

**(Dec 2017)**

**Declaration**

I, Mahima Agrawal, hereby declare that the work which is being presented in this project report titled “Library Management System” by us, in partial fulfillment of the requirements for the award of Bachelor of Computer Application (MCA) Degree is an authentic record of our own work carried out under the guidance of Mr. Aviral Mittal (Software Engineer).

To the best of my knowledge, the matter embodied in this report has not been submitted to any other University/ Institute for the award of any degree or diploma.

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**Certificate**

This is to certify that the project report entitled Library Management System Submitted to **Indira Gandhi National Open University** in partial fulfilment of the requirement for the award of the degree of **BACHELOR OF COMPUTER APPLICATIONS (MCA),** is an original work carried out by Ms. Mahima Agrawal Enrolment No.: 141774016 under the guidance of Mr. Aviral Mittal.

The matter embodied in this project is a genuine work done by the student and has not been submitted whether to this University or to any other University / Institute for the fulfilment of the requirement of any course of study.

Signature of the Student Signature of the Guide

Name and Address Name, Designation and

of the student: Address of the Guide:

Enrolment No.:

**Acknowledgement**

It is a pleasure to acknowledge many people who knowingly and unwittingly helped us, to complete our project. First of all let us thank God for all the blessings, which carried us through all these years.

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Mahima Agrawal

**Abstract**

The project “Library Management System” is a java project. Library management system is a project which aims in developing a computerized system to maintain all the daily work of library .This project has many features which are generally not available in normal library management systems like facility of user login and a facility of teachers login .It also has a facility of admin login through which the admin can monitor the whole system .It also has facility of an online notice board where teachers can student can put up information about workshops or seminars being held in our colleges or nearby colleges and librarian after proper verification from the concerned institution organizing the seminar can add it to the notice board . It has also a facility where student after logging in their accounts can see list of books issued and its issue date and return date and also the students can request the librarian to add new books by filling the book request form. The librarian after logging into his account i.e. admin account can generate various reports such as student report , issue report, teacher report and book report Overall this project of ours is being developed to help the students as well as staff of library to maintain the library in the best way possible and also reduce the human efforts.

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**List of Abbreviations**

JSP- Java Server Pages

HTML- Hyper Text Markup Language

CSS- Cascading Style Sheet

SQL- Structured Query Language

IDE- Integrated Development Environment.

JDK- Java Development Kit

E-R- Entity Relationship

DFD- Data Flow Diagram