**PROJECT REPORT**

**ON**

**LIBRARY MANAGEMENT SYSTEM**



**Program& Session: BCA-III**

**Session: April-2016**

**Submitted By: Guided By:**

Divyam Dogra Mr.Ankit Chandle

Roll no:12534 (Asst.Prof.)

**Govt. Post Graduate College**

**Bilaspur (H.P.) 174001**

**CERTIFICATE BY PROJECT GUIDE**

This is to certify that the project work entitled **“LIBRARY MANAGEMENT SYSTEM”** is a bonafide work carried out by Divyam Dogra candidate of Bachelors of Computer Applications at Govt. Post Graduate College Bilaspur, affiliated toHimachal Pradesh University, Shimla.

She has completed his dissertation report work under my guidance and direction.

This project fulfils the requirement of the curriculum prescribed by Himachal Pradesh University, Shimla for the said course.

(Signature)

Mr. Ankit Chandle

**STUDENT DECLARATION**

I hereby declare that the project work entitled “LIBRARY MANAGEMENT SYSTEM”, submitted towards completion of 3rd year of Bachelors of Computer Applications at Govt. Post Graduate College Bilaspur (H.P.), affiliated to Himachal Pradesh University, Shimla (H.P.), comprises of my original work pursued under the guidance of Mr. Ankit Chandle at Govt. Post Graduate College, Bilaspur (H.P.)

The results embodied in this report have not been submitted to any other Institution or University for any award.

**ACKNOWLEDGEMENT**

“It is not possible to prepare a project report without the assistance and encouragement of other people. This one is certainly no exception.”

On the very outset of this report, we would like to extend my sincere and heartfelt obligation towards all the personages who have helped me in this endeavor. Without their active guidance, help, cooperation & encouragement, I would not have made headway in the project.

First and foremost, we would like to express my sincere gratitude to my project guide Mr. Ankit Chandle (Assist. Professor, dept. Of BCA& PGDCA at G.P.G.C. Bilaspur).I was privileged to experience a sustained enthusiastic and involved interest from his side. This fuelled my enthusiasm even further and encouraged me to boldly step into what was a totally dark and unexplored expanse before me. He always fuelled my thoughts to think broad and out of the box.

We extend my gratitude to all of those personages, who contributed their best for us to complete this endeavor and project. Any omission in this brief acknowledgement does not mean lack of gratitude.

Thanking you!

Divyam Dogra

University Roll No : 12534

**PREFACE**

In this fast moving world, information and technology has become a sort of prerequisite to a successful carrier. It is essential that practical field be gathered which puts to test the classroom learning because in computers we never came across problems which can’t be solved using standard solutions. Thus in the absence of practical training classroom learning is highly handicapped. This project work provided me an ample opportunity of handling things practically, in depth knowledge of various tools used in developing of this project.

Ever since man sprang upon the idea to use science and the behavior of his surroundings to his advantage, he has never looked back but continued to invent and further develop newer devices to his aid. When the computer was designed in the 20th

century, it led to newer dimensions in the field of calculations and research with increasing ease. The most important component of the computer is the Software. Software has seen as many changes in its history as the computer itself. With the age of networking upon us software, which provides facilities for networking, is also in Vogue.

.Net is considered to be the language of the so many past years and continues to trail into the first decade of this century. It is the language of the today’s environment and it is by far the most powerful for developing standalone applications.

I chose .Net as a language to learn during my degree because today the knowledge of this language is a must to survive in the industry. The report is a brief description of the general features of the language and covers the details of the parts of codes, which I have used in my project code.

**TABLE OF CONTENTS**

* Profile of the Problem
* Introduction to the Problem
* Purpose
* Scope
* Feasibility Analysis
* Software System Analysis
* Data Flow Diagrams
* ER Diagrams
* System Design
* Screen Shots
* Database Design
* System Analysis
* Project Testing
* Project Implementation
* Maintenance
* Project Legacy
* Current Status of the Project
* Remaining areas of concern
* Source Code
* Bibliography