

Course Objectives:

- To provide comprehensive learning platform to students where they can enhance their employability skills and become job ready along with real corporate exposure.
- To enhance students' knowledge in one technology.
- To increase self-confidence of students and helps in finding their own proficiency.
- To cultivate student's leadership ability and responsibility to perform or execute the given task.
- To provide learners hands on practice within a real job situation.

Six credits shall be awarded to the Mini Project course, which will commence in the IVth Semester and the final work and report will be completed at the end of IVth Semester of M. Sc. (Computer Science). The student is expected to work on software development project. The project work should have coding part. Student will have to submit the bound project report in university prescribed format at the end of the semester. Student will have to appear for Project Viva-voce and the marks and the credits will be allotted at the end of IVth semester of M. Sc. (Computer Science).

Course Outcomes:

- Capability to acquire and apply fundamental principles of Computers Science.
- Become master in one's specialized technology.
- Become updated with all the latest changes in technological world.
- Ability to communicate efficiently.
- Knack to be a multi-skilled Computer Science professional with good technical knowledge, management, leadership and entrepreneurship skills.

- Ability to identify, formulate and model problems and find engineering solution based on a systems approach.
- Capability and enthusiasm for self-improvement through continuous professional development and life-long learning

**Dr. Annasaheb G. D. Bendale Mahila Mahavidyalaya,
Jalgaon**



Estd: 1984

**A PROJECT REPORT ON
"Library Management System"**

SUBMITTED BY

Name: Vaishnavi Sanjay Chopade

UNDER THE GUIDENCE OF

Name: Dr. Monali Y. Khachane

FOR THE PARTIAL FULFILLMENT OF THE DEGREE

MASTER OF COMPUTER SCIENCE

SUBMITTED TO

**Dr. Annasaheb G. D. Bendale Mahila Mahavidyalaya,
Jalgaon**

College Code: 100003

AFFILIATED TO

**KAVAYATRI BAHINABAI CHAUDHARI NORTH MAHARASHTRA
UNIVERSITY, JALGAON**

2022-23



Lewa Educational Union's

Dr. Annasaheb G. D. Bendale Mahila Mahavidyalaya, Jalgaon




NAAC Re-accredited 'A' Grade (CGPA 3.12)

ISO 9001:2019 Certified

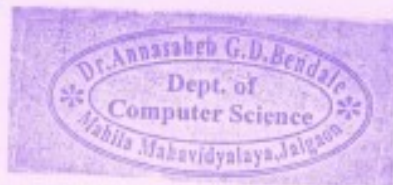
CERTIFICATE

This is to certify that **Vaishnavi Sanjay Chopade** a student of M.Sc. (Master of Computer Science) from **Dr. Annasaheb G. D. Bendale Mahila Mahavidyalaya, Jalgaon** has completed the project titled "**Library Management System**".

She has submitted satisfactory report in partial fulfilment of the requirement for the award of the degree of Master of Computer Science during academic year 2022-23.


Dr. Monali Y. Khachane


Project Guide




Dr. Harshali B. Patil

Head of Department

Examined By:

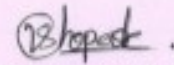

13/06/23
Internal Examiner


13/6/23
External Examiner

ACKNOWLEDGEMENT

I would like to express my sincere and heartfelt thanks towards all those who have helped me in making this project. Without their active guidance, help, cooperation and encouragement, I would not have been able to present this project. Specially I would like to thanks Dr. Monali Y. Khachane mam for guiding me in this project.

I extend my sincere gratitude to our Head of Department Dr. Harshali B. Patil mam who gave me the golden opportunity to do this wonderful project on Library Management System, also I am thankful to all teacher staff and non-teaching staff of our Computer Science Department for guiding and supporting me in this project.



With Warm Regards,

Vaishnavi Sanjay Chopade

(Master of Computers Science)

Dr. Annasaheb G.D. Bendale Mahila Mahavidyalaya, Jalgaon

CHAPTER-8

CONCLUSION

Working on the project was a good experience. I understand the importance of planning and designing as well as the implementation of the project as a part of developer.

“Library Management System” is developed for Schools, Colleges and Reading rooms. Application developed under this project is made user friendly for end user to use and to understand. Students can easily create account for library and search any book from library as well as Librarian can easily maintain the records of issued and returned books also easy to keep track of all information about books and their complete details.

The system is developed using Java technology. NetBeans as frontend it makes coding faster and MySQL as backend for database management.

- Project is completed within the given time period.
- First priority is given to User's satisfaction.
- The system has no chance for wrong data entry

The software takes care of all the requirements of a library and is capable to provide easy and effective storage of information related to books and users. The implementation of the system will reduce data entry time and provide readily calculated reports. The system was able to process and update the database with more ease. It helped in developing a total integrated system.

Thus, the project “**LIBRARY MANAGEMENT SYSTEM**” can be altered in accordance with the future requirements of the organization.