



**North Maharashtra University, Jalgaon**  
Faculty of Science and Technology  
**BACHELOR OF COMPUTER APPLICATIONS (BCA)**  
**BCA 607 - Project Report & Viva**  
w.e.f. 2019-20  
Total Lectures: 60  
[Total Marks: 60 External + 40 Internal =100 Marks]

**Objective:** – To prepare students to use applications of the theory and practical learned during the course.

### **PROJECT WORK**

1. Each student shall have to carry out the project work based on System Development which may include Application Program, Database Management System, Web Based Application, Smart phone Application, System Tools, Network System Application, etc. A project may be carried out at any outside organization or on a sub system of an organization.
2. The project work should be carried out individually. No group work is allowed in the Project work. The project title should not be repeated.
3. The topic of the project should be decided with the consultation & guidance of an internal guide-teacher of the institute/college. The project should be necessarily innovative and problem solving. No teacher shall be entrusted with more than 15 students for guidance and supervision.
4. The student should clearly mention the need of project , database(s), files required for the project, DFD , Normalization, ERD, software used for the project, reasons for selection of that software, inputs required, outputs produced etc.
5. The application should be menu driven and should provide the facilities of storage of data, modifications in existing data, deletion of unwanted data, and viewing of data.
6. The student has to write a report based on the actual work undertaken during the vacations at the specific selected enterprise/ organization or sub system and get it certified by the concerned teacher that the Project report has been satisfactorily completed and submit TWO typed copies of the same to the Head / Director of the institute /Principal of the college.
7. One copy of the report submitted by the student shall be forwarded to the University by the Institute.
8. No student will be permitted to appear for Viva-Voce examinations, unless and until the project report is submitted within the stipulated time.

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Project Report  
On  
**Zoo Management System**  
Submitted To



Dr. Annasaheb G.D Bendale Mahila Mahavidyalay Jalgaon  
(NAAC Accredited 'A' Grade) College Code: 100003

Submitted by  
**Purva Tushar Patil**

Under the Guidance of  
**Prof. Komal L. Patil**

**In Partial Fulfillment of**

Bachelor of Computer Application  
Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon  
for the Academic Year 2023-2024



Lewa Education Union's

Dr. Annasaheb G.D. Bendale Mahila Mahavidyalaya



NAAC Re-accredited 'A' Grade (CGPA 3.11)

ISO 9001: 2019 Certified

**CERTIFICATE**

**Department of Computer Application**

This is to certify that Mr./Miss. Patil Purva Tushar  
Final year student of Bachelor of Computer Application has  
successfully completed the project title

"Zoo Management System"

Under the guidance of Prof. Komal L. Patil  
During the year 2023-2024.

*K.Patil*  
11/4/24  
Prof. Komal L. Patil

Project Guide

*H.B.Patil*  
11/4/24  
Dr. Harshali B. Patil  
Head  
Department of Computer Science  
Head of Department Computer  
Dr. Annasaheb G.D. Bendale  
Mahila Mahavidyalaya, Jalgaon  
Of Science

*H.B.Patil*  
9/5/24  
Internal Examiner



*Lax*  
5/5/24  
External Examiner

## Conclusion

The Zoo Management System project successfully addresses the multifaceted challenges faced by modern zoos. By leveraging technology to automate processes, enhance visitor engagement, and provide data-driven insights, the system contributes to the overall efficiency and sustainability of the zoo. As the zoo continues to evolve and grow, the implemented system serves as a robust foundation for future innovations in wildlife conservation, education, and entertainment.

The Zoo Management System project has not only revolutionized the operational aspects of zoo administration but has also significantly elevated the overall visitor experience. By incorporating cutting-edge technology and thoughtful design, the system has become an invaluable tool for zoo managers, staff, and patrons alike.

Through meticulous animal inventory management, the system ensures the welfare of the zoo's inhabitants, facilitating efficient tracking of health records, dietary needs, and breeding programs. This not only supports the conservation efforts of endangered species but also contributes to the overall well-being of the animals under the zoo's care.