



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.

A
Project Report
On

Water Billing System

Submitted To



Dr. Annasaheb G.D Bendale Mahila Mahavidyalaya, Jalgaon

(NAAC Accredited 'A' Grade)

College Code: 100003

Submitted by

Ashwini Sudhir Joshi

Under the Guidance of

Prof. Vaishali S. Vispute

In Partial Fulfillment of

Bachelor of Computer Application

Kavayitri Bahinabai Chaudhari North Maharashtra University,
Jalgaon for the Academic Year 2023-2024



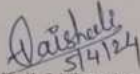
Lewa Education Union's
Dr. Annasaheb.G.D.Bendale Mahila Mahavidyalaya
NAAC Re-accredited 'A' Grade (CGPA 3.11)
ISO 9001: 2019 Certified

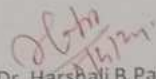


CERTIFICATE

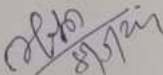
Department of Computer Application

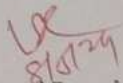
This is to certify that Miss. Ashwini Sudhir Joshi Final year student of Bachelor of Computer Application has successfully completed the project entitled Water Billing System Under the guidance of Prof. Vaishali S. Vispute


Prof. Vaishali S. Vispute
Project Guide


Dr. Harshali B. Patil
Head of Department
Department of Computer Science
Dr. Annasaheb G. D. Bendale
Mahila Mahavidyalaya, Jalgaon




Internal Examiner


External Examiner

CHAPTER 9

Conclusion

System analysis is the process of gathering and interpreting facts, diagnosing problems and using the information to recommend improvements on the system.

System analysis is a problem solving activity that requires intensive communication between the system users and system developers.

System analysis or study is an important phase of any system development process.

The system is viewed as a whole, the inputs are identified and the system is subjected to close

study to identify the problem areas. The solutions are given as a proposal. The proposal is

reviewed on user request and suitable changes are made. This loop ends as soon as the user is

satisfied with the proposal.