



SCHOOL OF MANAGEMENT SCIENCES
VARANASI

Project Guidelines
for BCA Final Year Students

Objective:

The objective of this Project Work is the overall professional growth. The key to this task involves learning the project management skill by practically developing the project and enhancing the communication skill. The most effective uses of common time and the greatest impact from ideas and knowledge come from preparation. Use of computer tools/platforms/languages, composing visual aids, documentation, and careful choice of titles, thoughtful outlines, and efforts need to be put into designing and developing the project.

Other objectives:

1. Work in a team to complete the Project.
2. Enhance, Develop and Apply computer knowledge/Skill in Developing Project.
3. Imbibe Project Management Skill.
4. Develop Presentation Skill at conveying the Project Description.
5. Gaining experience in meeting deadlines.

Rules Regarding Project

1. Every student, (in a group of two/three students) will be asked to select a particular project listed by the department, on which he/she will have to develop a working module in the period of two successive semesters (Vth & VIth).
2. No student will be allowed to change the topic of the project once allotted.
3. No student will be allowed to change the group once finalized.
4. Each student would be allocated one faculty member who would advise or guide him/her on the project as a mentor till sixth semester.
5. Project will be accepted only if it is done in consultation with the faculty /mentor and signed by them.
6. The students are expected to be regular and punctual in completing their project work.
7. The Project must be developed in the Computer Centre on their dedicated system of Institute's LAB.

PROJECT REPORT FORMAT

A Project Report must include the following items:

- Front Page (See the format of the Design below)
- Certificate by Faculty Guide of the Institute issued by the Coordinator.
- Acknowledgement
- Declaration

Table of Contents – Chapters with Page No.

1. Introduction (5-7 pages)
 - 1.1 Introduction to the project
 - 1.2 Purpose of the project
 - 1.3 Problems in the existing system
 - 1.4 Solution to these problems
2. Feasibility Study (2-4 pages)
 - 2.1 Technical Feasibility
 - 2.2 Operational Feasibility
3. System Analysis (3-5 pages)
 - 3.1 Study of the system
 - 3.2 Proposed system
 - 3.3 Input and Output
 - 3.4 Process models used with justifications.
4. Software Requirement Specifications (8-10 pages)
 - 4.1 Functional Requirements
 - 4.2 Performance Requirement
 - 4.3 Hardware Requirements
 - 4.4 Software Requirements
5. System Design (8-10 pages)
 - 5.1 Introduction
 - 5.2 E-R Diagram
 - 5.3 Data Flow Diagram
 - 5.4 Data Dictionary
6. Output Screens (8-10 pages)

7. System Testing and Implementation (2-4 pages)
 - 7.1 Introduction of testing
 - 7.2 Implementation

8. System Security (2-4 pages)
 - 8.1 Introduction
 - 8.2 Security in Software

9. Conclusion (1 page)

10. Future Scope (1 page)

11. Bibliography (1 page)

The Final Project Report must be submitted in two copies by every member of a Project Group to their respective Mentors. The soft copy of the Project Report in CD is also essentially required to be submitted by each Group. The last date of submission of the Project Report has been mentioned in the Project Calendar for both the semesters separately.



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Project Report on
<Project Title here>

Submitted in Partial Fulfillment of the requirements for the
Bachelor of Computer Applications (BCA)

(Session : 20... - 20...)

Affiliated to



Mahatma Gandhi Kashi Vidyapeeth
Varanasi

Under Supervision of :

<Name of the Project Mentor>

<Designation>

(Department of Computer Science)

Submitted by :

<Name of the Student(s)>

<Exam Roll No.>

BACHELOR OF COMPUTER APPLICATION (BCA 5th Sem)		
Minor Project Calendar		
S.No	Tasks to be Completed	Date of Submission
1	Group Formation (Max. Three Students per Group)	August 1st Week
2	Selection of Project Title (Two Titles) - The Project Titles will be displayed on the Notice Board	August 2nd Week
3	Finalisation of the Project Title	August 3rd Week
4	Submission of Project Abstract/Synopsis	August 4th Week
5	Approval of Abstract/Synopsis	September 1st Week
6	Allocation of Project Guide/Mentor	September 2nd Week
7	Logical Design of the Candidate System (DFD, ER Diagram, Event State Diagrams, Flowcharts etc) in consultation with the Guide/Mentor <i>(Students have to Make a Separate File/Copy for consulting their work with their Mentor and they should take the signature of their respective Mentor on Regular Basis for proper Monitoring of their Project Work)</i>	October 2nd Week
8	Project Presentation (PPT)	October 4th Week
9	Modification/Updation in the Project (if required)	November 2nd Week
10	Issuing of Certificates to Students	Upto 15th November
11	Final Submission of the Project to the Mentor (Soft copy and Hard Copy in Spiral Binding -Two copies per Student and 1 CD per Group)	Upto 20th November
12	Signature of the Director on the Certificates	

BACHELOR OF COMPUTER APPLICATION (BCA 6th Sem)		
Project Calendar		
S.No	Tasks to be Completed	Date of Submission
1	Reduction of E-R diagram to Schema diagram	January 2nd Week
2	Creation of Database (Upto 3 NF)	January 3rd Week
3	Development of Different Modules (CODING)	February 3rd Week
4	Testing of Individual Module	February 4th Week
5	Integration of Modules and Database Connectivity (As per requirement)	March 1st Week
6	Testing of Project	March 2nd Week
7	Project Presentation (PPT)	March 3rd Week
8	Finalization of Project Documentation (Soft copy) and Approval by Guide/Mentor	March 4th Week
9	Issuing of Certificates to Students	April 1st Week
10	Final Submission of the Project to the Mentor (Soft copy and Hard Bound-Two copies per Student and 1 CD per Group)	Upto 15th April
11	Signature of the Director on the Certificates	Upto 20th April