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## Department of Computer Sciences

گورنمنٹ ڈگری کالج بیروہ کشمیر



GOVERNMENT DEGREE COLLEGE BEERWAH, KASHMIR

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# Guidelines for Submission of BCA Project

## FORMAT REQUIREMENTS

1. Use A4-size white executive bond paper, ensuring smudge-free copies.
2. Page specifications: Left margin - 3.0 cm, Right margin - 2.0 cm, Top margin - 2.54 cm, Bottom margin - 2.54 cm. Number all pages at the bottom center.
3. Normal Body Text: Font Size 12, Times New Roman, Double Spacing, Justified, with 6-point spacing above and below paragraphs.
4. Paragraph Headings: Font Size 14, Times New Roman, Underlined, Left Aligned, with 12-point spacing above and below.
5. Chapter Headings: Font Size 20, Times New Roman, Center Aligned, with 30-point spacing above and below. Coding Font size: 10, Courier New, Normal.

## SUBMISSION OF PROJECT REPORT

Submit your project report as follows:

1. Email a copy of the Summary/Abstract to [docs@gdcbeerwah.edu.in](mailto:docs@gdcbeerwah.edu.in) well in advance.
2. Provide two hardbound copies (approximately 80 to 100 pages) in person to the department.
3. Include a soft copy of the project on a pen drive.

## Note to Students:

Before proceeding with your project documentation, please carefully review the specific guidelines for your project type - either Machine Learning/AI based Projects or Web/App-based Projects - as outlined below.

# Guidelines for Machine Learning Projects:

## SUMMARY/ABSTRACT

All students must include a summary/abstract with their project report, limited to 3-4 pages. This summary should provide a concise explanation of your project's objectives and implementation. Ensure it adheres to the following:

1. Title of the Project and Problem Statement
2. Rationale for Choosing the Topic
3. Project Objectives and Scope
4. Methodology (including a project summary)
5. Data Collection (Methodology)
6. Hardware & Software Utilized
7. Testing Technologies Employed
8. Expected Project Contribution

## PROJECT TOPIC

Explicitly state the project topic at the beginning of your report, emphasizing its significance in the context of machine learning.

## OBJECTIVE AND SCOPE

Clearly define the project's objectives and scope, highlighting how it benefits end-users within the context of machine learning.

## PROCESS DESCRIPTION

Briefly outline the proposed software system's workflow, with the possibility of using DFDs or flowcharts to elucidate data flow, especially important in machine learning projects.

## RESOURCES AND LIMITATIONS

Specify the resources required for designing and developing the system, whether hardware, software, or industry data. Discuss the limitations of your system, especially concerning its applicability in a larger context.

## CONCLUSION

Conclude your write-up by briefly describing innovative approaches, key achievements, and unique features that distinguish your project in the field of machine learning.

## **Guidelines for Web/App-based Projects:**

**\*\*Note:\*\*** Ensure that your project documentation aligns with the appropriate guidelines based on your project type. Additionally, refer to the general guidelines provided below for both project types.

### **FORMAT OF THE STUDENT PROJECT REPORT**

Include these sections in your Main Report:

1. Objective & Scope of the Project
2. Theoretical Background
3. Problem Definition
4. System Analysis & Design with User Requirements
5. System Planning (PERT Chart)
6. Process Logic of each Module
7. Methodology, System Implementation & Hardware/Software Details
8. System Maintenance & Evaluation
9. Cost and Benefit Analysis
10. Detailed Project Life Cycle, including ERD and DFD diagrams, Input and Output Screen Designs, Process Flow, and Testing Methodology
11. User/Operational Manual, including security aspects, access rights, backups, controls, etc.
12. Include a soft copy of the project on a pen drive along with the hardbound report.

### **Annexure to the Project Report:**

1. Brief organizational background (if applicable).
2. Data Dictionary cataloging data elements used in the system/subsystem.
3. List of abbreviations, figures, tables.
4. References, bibliography, website sources.
5. Include a soft copy of the project on a pen drive.
6. Guide Details: Guide's name, full address, qualifications, mobile number, and email.
7. Certificate from the guide.

### **ACKNOWLEDGEMENTS**

In the "Acknowledgment" page, acknowledge the guidance and assistance provided by your thesis advisor, guide, and faculty members. Express gratitude to any company or organization that supported your project work.

## **BIBLIOGRAPHY:**

Follow a standard citation format for references.

## **Binding & Color Code for the Report/Thesis:**

For BCA – VI Semester (Project Work), use hardbound reports with a black background cover page and black lettering.

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### **Certificate (font: 16, Bold, Times New Roman)**

*This is to certify that the report of project work entitled (Project Name) is being submitted by (Name and Roll No. of First Student) and (Name and Roll No. of Second Student) in partial fulfillment of the requirements for the Final Year BCA Project of (Department Name) to the University of Kashmir, Hazratbal Srinagar during the academic year 2023-24 is a record of bonafide work carried out by them under our guidance and supervision.*

*The results embodied in this report have not been submitted by the student(s) to any other University or Institution for the award of any degree or diploma.*

***Internal Guide***

***(Name & Designation)***

***Head of the Department***

## **ACKNOWLEDGEMENT** (font: 16, Bold, Times New Roman)

*We would like to express our sincere gratitude to all those who have helped us in the completion of this project.*

*First and foremost, we would like to express our deep sense of gratitude to (name of HoD) for the valuable guidance and help and for permitting us to carry out this project.*

*We would like to thank our project guide, [Guide's name], for his/her invaluable guidance and support throughout the project. He/She was always there to answer my questions and provide me with the necessary resources.*

*We would also like to thank our friends and family members for their encouragement and support. They helped us to stay motivated and on track throughout the project.*

*Finally, we would like to thank the Department of Computer Sciences at [College name] for providing us with the opportunity to complete this project.*

*We are grateful to all of you for your help and support.*

*In addition to the above, you may also want to thank specific people who have helped you with your project, such as:*

- *Any other faculty members who have provided you with guidance or support*
- *Any students who have helped you with your research or development*
- *Any organizations or companies that have provided you with data or resources*
- *You may also want to thank your parents or other family members for their financial and emotional support.*

*It is important to be specific in your acknowledgements and to thank each person by name. This shows that you appreciate their individual contributions to your project.*

***Name of the Students***

