

BCA--SEMESTER-6TH

Course No.: BCA-601

Title: Project Work

No. of Credits = 12

Total Marks = 300

External Examination/Evaluation = 200

Internal Examination/Evaluation = 100

Project work will be offered in the Sixth semester of BCA which shall be typically carried out in the department as industrial/ research application individually by the candidates under the guidance of a faculty member. During the project period, a student is expected to work at least 20 hrs/week. At the end of semester-VI, the student has to submit a formal individual project report in a prescribed format. He/she is required to submit a certificate of successful completion of the project from the guide giving total number of hours the candidates has worked toward the project and his conduct during the project work. Evaluation of the project will be carried out by a committee consisting of head of the department, external examiner and the guide by examining the project report, presentation of the project and demonstration of the working model of the project.

Assessment of Project:

At the end of the sixth semester of the course, a student will be examined and evaluated in the Project by an external examiner to be appointed by the University and an internal examiner to be appointed by the college. Both the external and internal examiners shall conduct the Viva-voce of the student for judging the knowledge of the work done and shall also evaluate the project work of the student with respect to each and every component as mentioned in the Outlines/Guidelines of the project report.

PROJECT GUIDELINES

Only the projects submitted by the candidates as per following guidelines shall be evaluated.

1. Project may be selected by the student during the fifth Semester programme.
2. The project must be of approximately 300 man hours and so certified by the supervisor of the project.
3. The project report must be submitted in consonance in the appropriate format under the guidance of the Supervisor.

4. Monthly progress report must be submitted through external guide (if any) in the enclosed format.
5. Project report must be submitted before the prescribed last date.
6. Two copies of the project report and the software CD must be submitted to the external examiner. One copy of the project shall be returned to the student with the signature of external examiner and the other one shall be retained in the library.
7. Candidates are required to make a presentation of their project work during their project evaluation.
8. Students whose projects are graded as unsatisfactory will be given one more chance to undertake another project under the same/another supervisor.
9. Evaluation of the project work will be done by external examiner in presence of the internal examiner and the head of the department.

Outlines of the Project Report

The project report should be prepared in a format prescribed by the department which should also specify the contents and methods of presentation.

- (a) The project Report should consist of two parts:
 - Documentation; and
 - Source code
- (b) The source-code and the executable code have to be submitted on CD and student must demonstrate working of the software.
- (c) The documentation must contain the Flow charts and Data Flow Diagrams.
- (d) As far as possible, the Project should be on a real life problem

DETAILED PROFORMA FOR THE PROJECT REPORT

1. Title of the Project
2. Objectives
3. System Analysis and Design
4. Input to the Project
5. Output generated
6. Details of Hardware Platform used
7. Details of Software Tools used
8. Implementation Issues (Clearly defining the area of Application).
9. Miscellaneous
10. Signature of the Candidature.