

**VEER NARMAD SOUTH GUJARAT UNIVERSITY – SURAT**  
**Bachelor of Computer Application (B.C.A) 3<sup>rd</sup> Year**  
**Syllabus (As Per CBCS)**

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**T. Y. B. C. A. Semester 6**  
**Effective From: June 2013.**

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**Paper No.: 603 (Core Compulsory)**

**Practical Hours: 1 Hr./ 5 Students/Week**

**Paper Title: PROJECT**

**Credits: 14**

**Field Work Duration: Minimum 8 weeks.**

**Prerequisite: Knowledge of Operating System, Computer Networking, Software Engineering, Database, Application Development Tools, Web Designing Related Tools, Computer Languages.**

**Aim: The main objective is to make students acquire knowledge of analyzing and solving real world problems and hands on experience of software development life cycle.**

**Expected Outcome: Students will understand the complete process of software development life cycle and will be able to produce good applications of real world problems.**

**Guidelines for the project:**

Duration of the Project Work should be TWO months. All the students will have to submit following reports to their respective examination centres.

1. The Joining Report (Once).
2. Project Title Report (Once).
3. Progress Reports (Fortnightly) signed by the guide & submitted to the internal guide in person.
4. Project Completion Certificate issued from the Organization where the project was done (in case the project is not done in the college/institute).

The student shall not be allowed to appear for the Final Examination if the student fails to submit the above mentioned documents.

Project Viva-voce will be conducted at the end of the semester.

**Internal Evaluation:** Minimum two faculties (preferably senior most) should be nominated by the Head of the Department or the senior most faculty in absence of the Head to evaluate the performance of the students presentation.

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**External Evaluation:**

The evaluation should be as per the following break up:

- |   |               |
|---|---------------|
| 1. Analysis:  | 25% weightage |
| 2. Design:  | 25% weightage |
| 3. Understanding of the Problem<br>& Technology Used: | 25% weightage |
| 4. Presentation:                                      | 15% weightage |
| 5. Project Report:                                    | 10% weightage |

**Guidelines to Calculate the Workload:**

The load of the project will be calculated as 1 Hour/Week for every 5 students. In case of 60 students total work load per week will be 12 hours.